Current File	O:\Projects\914220~1\Data\UNITED~1\Ody1055.csv
Original File	C:\Data\9142OdysseyLiftGate\Ody1055.dx3
File descrip	9142 Honda Odyssey LiftGate liftgate - Esser
Project ID:	Project ID
File ID:	File ID
Test Date:	########
Test Time:	02:14.0
Current Da	########
Current Tin	8:53:35
Number of	4
Number of	5568
Independe	0.02
Independe	0
Independe	Sec

Time	Angle	Force	LiftgateMo	StrutCalDisplacement
Sec	Degrees	lbs	volts	inches
0.00E+00	-9.30E+01	1.62E-01	-2.20E-02	-4.37E-03
2.00E-02	-9.30E+01	1.01E-01	-1.22E-02	1.68E-02
4.00E-02	-9.30E+01	-8.26E-02	-8.54E-03	-5.22E-03
6.00E-02	-9.30E+01	3.98E-02	-5.13E-02	-1.27E-04
8.00E-02	-9.30E+01	-6.12E-03	-2.44E-03	4.11E-03
1.00E-01	-9.30E+01	9.17E-03	-1.46E-02	-7.76E-03
1.20E-01	-9.30E+01	-5.20E-02	-3.66E-03	4.96E-03
1.40E-01	-9.30E+01	-8.26E-02	2.44E-03	2.42E-03
1.60E-01	-9.30E+01	2.39E-01	-1.95E-02	-1.27E-04
1.80E-01	-9.30E+01	1.62E-01	-7.32E-03	-1.40E-03
2.00E-01	-9.30E+01	3.98E-02	-4.64E-02	-5.22E-03
2.20E-01	-9.30E+01	2.45E-02	-2.08E-02	3.27E-03
2.40E-01	-9.30E+01	-8.26E-02	-7.32E-03	1.09E-02
2.60E-01	-9.30E+01	3.98E-02	-1.71E-02	-5.22E-03
2.80E-01	-9.30E+01	7.03E-02	-1.95E-02	4.96E-03
3.00E-01	-9.30E+01	2.45E-02	-1.22E-02	-3.95E-03
3.20E-01	-9.30E+01	-9.79E-02	-1.59E-02	7.21E-04
3.40E-01	-9.30E+01	1.31E-01	-2.20E-02	2.97E-04
3.60E-01	-9.30E+01	8.56E-02	-2.20E-02	7.21E-04
3.80E-01	-9.30E+01	1.31E-01	-1.59E-02	-3.52E-03
4.00E-01	-9.30E+01	2.54E-01	-3.17E-02	-5.64E-03
4.20E-01	-9.30E+01	-1.28E-01	1.71E-02	3.69E-03
4.40E-01	-9.30E+01	2.23E-01	-1.59E-02	-6.91E-03
4.60E-01	-9.30E+01	-2.14E-02	-3.42E-02	1.57E-03
4.80E-01	-9.30E+01	-9.79E-02	-1.34E-02	1.57E-03
5.00E-01	-9.30E+01	1.62E-01	-2.44E-02	-9.04E-03
5.20E-01	-9.30E+01	9.17E-03	-9.77E-03	-1.27E-04
5.40E-01	-9.30E+01	1.93E-01	4.88E-03	-1.82E-03
5.60E-01	-9.30E+01	-9.79E-02	-1.95E-02	-6.91E-03
5.80E-01	-9.30E+01	1.31E-01	-2.20E-02	-1.20E-02
6.00E-01	-9.30E+01	-1.13E-01	-1.22E-02	4.96E-03

6.20E-01	-9.30E+01	2.45E-02	-2.20E-02	-1.82E-03
6.40E-01	-9.30E+01	4.83E-01	-1.22E-02	-2.67E-03
6.60E-01	-9.30E+01	-6.12E-03	-1.10E-02	4.11E-03
6.80E-01	-9.30E+01	1.31E-01	0.00E+00	-1.82E-03
7.00E-01	-9.30E+01	1.01E-01	-1.46E-02	1.57E-03
7.20E-01	-9.30E+01	-2.51E-01	-9.77E-03	-5.22E-03
7.40E-01	-9.30E+01	9.17E-03	-2.44E-03	-3.52E-03
7.60E-01	-9.30E+01	2.45E-02	-8.54E-03	4.96E-03
7.80E-01	-9.30E+01	1.31E-01	-1.22E-02	-1.03E-02
8.00E-01	-9.30E+01	8.56E-02	-2.20E-02	4.96E-03
8.20E-01	-9.30E+01	-6.73E-02	-1.46E-02	-1.58E-02
8.40E-01	-9.30E+01	1.62E-01	-1.95E-02	-4.37E-03
8.60E-01	-9.30E+01	9.17E-03	-2.32E-02	4.11E-03
8.80E-01	-9.30E+01	-2.14E-02	-8.54E-03	7.21E-04
9.00E-01	-9.30E+01	-6.73E-02	-3.42E-02	-1.07E-02
9.20E-01	-9.30E+01	2.54E-01	3.66E-03	1.99E-03
9.40E-01	-9.30E+01	1.01E-01	-1.22E-02	-9.46E-03
9.60E-01	-9.30E+01	5.50E-02	-1.59E-02	-3.95E-03
9.80E-01	-9.30E+01	8.56E-02	-1.46E-02	3.69E-03
1.00E+00	-9.30E+01	-1.74E-01	-1.95E-02	3.69E-03
1.02E+00	-9.30E+01	-1.44E-01	-2.20E-02	-1.82E-03
1.04E+00	-9.30E+01	-9.79E-02	-7.32E-03	3.27E-03
1.06E+00	-9.30E+01	3.61E-01	-4.39E-02	7.21E-04
1.08E+00	-9.30E+01	1.93E-01	0.00E+00	1.57E-03
1.10E+00	-9.30E+01	-5.20E-02	-5.98E-02	-9.76E-04
1.12E+00	-9.30E+01	1.62E-01	-1.95E-02	1.15E-03
1.14E+00	-9.30E+01	8.56E-02	-1.22E-02	-4.79E-03
1.16E+00	-9.30E+01	2.54E-01	-4.39E-02	-2.67E-03
1.18E+00	-9.30E+01	3.98E-02	-4.88E-03	-1.27E-04
1.20E+00	-9.30E+01	1.31E-01	-2.93E-02	-9.46E-03
1.22E+00	-9.30E+01	3.98E-02	-7.32E-03	-5.51E-04
1.24E+00	-9.30E+01	-3.88E-01	-9.77E-03	-2.25E-03
1.26E+00	-9.30E+01	2.08E-01	-2.93E-02	-2.25E-03
1.28E+00	-9.30E+01	7.03E-02	-3.17E-02	7.51E-03
1.30E+00	-9.30E+01	-1.13E-01	-1.34E-02	-3.52E-03
1.32E+00	-9.30E+01	1.47E-01	-2.69E-02	-1.27E-04
1.34E+00	-9.30E+01	-2.14E-02	-2.20E-02	1.90E-02
1.36E+00	-9.30E+01	-2.14E-02	-8.54E-03	-1.82E-03
1.38E+00	-9.30E+01	1.93E-01	-1.71E-02	-9.76E-04
1.40E+00	-9.30E+01	1.01E-01	-1.22E-02	-8.61E-03
1.42E+00	-9.30E+01	-5.20E-02	-7.32E-03	-8.61E-03
1.44E+00	-9.30E+01	3.15E-01	-4.88E-03	7.21E-04
1.46E+00	-9.30E+01	-2.14E-02	-6.10E-03	4.11E-03
1.48E+00	-9.30E+01	9.17E-03	7.32E-03	-5.64E-03
1.50E+00	-9.30E+01	7.03E-02	-1.95E-02	-1.82E-03
1.52E+00	-9.30E+01	-3.67E-02	-2.44E-03	1.57E-03
1.54E+00	-9.30E+01	1.31E-01	-3.54E-02	-5.22E-03

1.56E+00	-9.30E+01	1.62E-01	-1.95E-02	3.27E-03
1.58E+00	-9.30E+01	-6.12E-03	-1.22E-02	-1.82E-03
1.60E+00	-9.30E+01	1.31E-01	-2.44E-02	-6.91E-03
1.62E+00	-9.30E+01	1.31E-01	-1.22E-03	-4.37E-03
1.64E+00	-9.30E+01	-5.20E-02	-4.88E-03	-4.37E-03
1.66E+00	-9.30E+01	1.93E-01	-2.56E-02	-8.61E-03
1.68E+00	-9.30E+01	3.46E-01	-7.32E-03	-1.82E-03
1.70E+00	-9.30E+01	5.50E-02	-1.71E-02	-6.91E-03
1.72E+00	-9.30E+01	2.54E-01	-9.77E-03	7.21E-04
1.74E+00	-9.30E+01	7.03E-02	-1.46E-02	-2.67E-03
1.76E+00	-9.30E+01	5.50E-02	-2.44E-02	-9.76E-04
1.78E+00	-9.30E+01	-6.12E-03	-7.32E-03	4.54E-03
1.80E+00	-9.30E+01	7.03E-02	-2.69E-02	-6.07E-03
1.82E+00	-9.30E+01	1.93E-01	-2.08E-02	5.81E-03
1.84E+00	-9.30E+01	-5.20E-02	-7.32E-03	-3.10E-03
1.86E+00	-9.30E+01	1.93E-01	-1.95E-02	-9.88E-03
1.88E+00	-9.30E+01	1.47E-01	-3.17E-02	3.27E-03
1.90E+00	-9.30E+01	-2.14E-02	-1.10E-02	-3.52E-03
1.92E+00	-9.30E+01	1.47E-01	-2.69E-02	7.21E-04
1.94E+00	-9.30E+01	1.31E-01	-7.32E-03	2.42E-03
1.96E+00	-9.30E+01	-2.14E-02	-9.77E-03	1.99E-03
1.98E+00	-9.30E+01	3.46E-01	-3.17E-02	4.54E-03
2.00E+00	-9.30E+01	-5.20E-02	-9.77E-03	1.57E-03
2.02E+00	-9.30E+01	-1.74E-01	-1.22E-02	-1.03E-02
2.04E+00	-9.30E+01	3.30E-01	-2.20E-02	-6.91E-03
2.06E+00	-9.30E+01	8.56E-02	-1.22E-02	2.42E-03
2.08E+00	-9.30E+01	3.98E-02	-2.44E-02	9.21E-03
2.10E+00	-9.30E+01	9.17E-03	-2.81E-02	-2.67E-03
2.12E+00	-9.30E+01	1.31E-01	-2.44E-03	-2.67E-03
2.14E+00	-9.30E+01	1.01E-01	-8.54E-03	-6.91E-03
2.16E+00	-9.30E+01	1.31E-01	-2.44E-02	-1.82E-03
2.18E+00	-9.30E+01	-2.05E-01	-2.81E-02	5.81E-03
2.20E+00	-9.30E+01	-2.14E-02	-1.71E-02	-6.07E-03
2.22E+00	-9.30E+01	3.98E-02	-6.10E-03	-1.24E-02
2.24E+00	-9.30E+01	3.15E-01	-4.88E-03	1.57E-03
2.26E+00	-9.30E+01	-1.13E-01	-1.46E-02	-5.22E-03
2.28E+00	-9.30E+01	3.76E-01	-2.44E-02	-1.50E-02
2.30E+00	-9.30E+01	7.03E-02	-1.46E-02	3.27E-03
2.32E+00	-9.30E+01	8.56E-02	-2.44E-02	-1.29E-02
2.34E+00	-9.30E+01	3.30E-01	-1.95E-02	-4.37E-03
2.36E+00	-9.30E+01	1.31E-01	-4.88E-03	7.21E-04
2.38E+00	-9.30E+01	1.62E-01	-9.77E-03	-9.76E-04
2.40E+00	-9.30E+01	1.93E-01	-1.59E-02	1.57E-03
2.42E+00	-9.30E+01	-1.44E-01	-1.71E-02	-1.27E-04
2.44E+00	-9.30E+01	1.47E-01	-1.71E-02	-4.37E-03
2.46E+00	-9.30E+01	1.47E-01	-1.10E-02	5.39E-03
2.48E+00	-9.30E+01	3.98E-02	-4.88E-03	-1.27E-04

2.50E+00	-9.30E+01	2.23E-01	-1.95E-02	-4.37E-03
2.52E+00	-9.30E+01	5.50E-02	1.22E-03	4.11E-03
2.54E+00	-9.30E+01	9.17E-03	-1.46E-02	-9.04E-03
2.56E+00	-9.30E+01	1.31E-01	-1.83E-02	7.21E-04
2.58E+00	-9.30E+01	-1.13E-01	-2.69E-02	-3.52E-03
2.60E+00	-9.30E+01	3.98E-02	-2.20E-02	-1.71E-02
2.62E+00	-9.30E+01	1.31E-01	-2.69E-02	1.57E-03
2.64E+00	-9.30E+01	1.62E-01	-9.77E-03	-5.22E-03
2.66E+00	-9.30E+01	-3.67E-02	-2.20E-02	-6.91E-03
2.68E+00	-9.30E+01	2.54E-01	-1.10E-02	-1.27E-04
2.70E+00	-9.30E+01	-2.97E-01	-2.44E-03	-1.29E-02
2.72E+00	-9.30E+01	1.47E-01	-2.20E-02	-1.27E-04
2.74E+00	-9.30E+01	-1.44E-01	-2.44E-03	9.63E-03
2.76E+00	-9.30E+01	1.31E-01	-1.46E-02	-3.10E-03
2.78E+00	-9.30E+01	1.16E-01	-1.22E-02	-2.67E-03
2.80E+00	-9.30E+01	1.31E-01	2.44E-02	8.36E-03
2.82E+00	-9.30E+01	1.01E-01	-2.32E-02	-6.07E-03
2.84E+00	-9.30E+01	7.03E-02	-1.34E-02	1.15E-03
2.86E+00	-9.30E+01	7.03E-02	1.46E-02	-5.22E-03
2.88E+00	-9.30E+01	7.03E-02	-1.10E-02	1.57E-03
2.90E+00	-9.30E+01	3.98E-02	1.46E-02	-6.07E-03
2.92E+00	-9.30E+01	3.98E-02	-2.44E-02	-1.82E-03
2.94E+00	-9.30E+01	1.31E-01	-1.10E-02	1.18E-02
2.96E+00	-9.30E+01	-3.67E-02	-1.22E-02	-6.07E-03
2.98E+00	-9.30E+01	1.62E-01	-1.83E-02	1.57E-03
3.00E+00	-9.30E+01	-6.12E-03	2.20E-02	4.11E-03
3.02E+00	-9.30E+01	-5.20E-02	-1.95E-02	-4.37E-03
3.04E+00	-9.30E+01	3.98E-02	-1.34E-02	7.21E-04
3.06E+00	-9.30E+01	-2.66E-01	-1.71E-02	9.21E-03
3.08E+00	-9.30E+01	1.01E-01	-2.44E-02	-5.22E-03
3.10E+00	-9.30E+01	1.62E-01	-1.34E-02	7.08E-03
3.12E+00	-9.30E+01	2.54E-01	-6.10E-03	-1.27E-04
3.14E+00	-9.30E+01	9.17E-03	-2.93E-02	-4.37E-03
3.16E+00	-9.30E+01	-5.20E-02	-4.88E-03	-4.37E-03
3.18E+00	-9.30E+01	9.17E-03	-1.95E-02	-6.49E-03
3.20E+00	-9.30E+01	2.54E-01	-2.69E-02	-1.27E-04
3.22E+00	-9.30E+01	-2.14E-02	8.54E-03	-5.51E-04
3.24E+00	-9.30E+01	7.03E-02	-2.44E-02	-1.82E-03
3.26E+00	-9.30E+01	5.50E-02	-9.77E-03	2.84E-03
3.28E+00	-9.30E+01	-9.79E-02	-8.54E-03	-1.62E-02
3.30E+00	-9.30E+01	7.03E-02	-2.20E-02	1.15E-03
3.32E+00	-9.30E+01	-1.74E-01	-1.22E-02	4.96E-03
3.34E+00	-9.30E+01	-2.14E-02	-1.71E-02	-6.91E-03
3.36E+00	-9.30E+01	1.62E-01	-1.22E-02	-3.52E-03
3.38E+00	-9.30E+01	3.98E-02	2.56E-02	1.18E-02
3.40E+00	-9.30E+01	1.31E-01	-2.69E-02	-1.82E-03
3.42E+00	-9.30E+01	8.56E-02	1.22E-03	-1.82E-03

3.44E+00	-9.30E+01	-1.44E-01	1.10E-02	-3.52E-03
3.46E+00	-9.30E+01	1.93E-01	-1.95E-02	7.21E-04
3.48E+00	-9.30E+01	-2.05E-01	-2.44E-03	4.11E-03
3.50E+00	-9.30E+01	-9.79E-02	-2.08E-02	-6.91E-03
3.52E+00	-9.30E+01	1.01E-01	-7.32E-03	3.69E-03
3.54E+00	-9.30E+01	-2.20E-01	-3.66E-03	-1.27E-04
3.56E+00	-9.30E+01	-5.20E-02	-2.93E-02	-5.22E-03
3.58E+00	-9.30E+01	2.23E-01	-1.46E-02	-2.25E-03
3.60E+00	-9.30E+01	-3.27E-01	9.77E-03	-1.82E-03
3.62E+00	-9.30E+01	5.50E-02	-1.95E-02	-9.76E-04
3.64E+00	-9.30E+01	7.03E-02	4.88E-03	6.24E-03
3.66E+00	-9.30E+01	-6.12E-03	-1.46E-02	-5.22E-03
3.68E+00	-9.30E+01	2.23E-01	-1.95E-02	-1.27E-04
3.70E+00	-9.30E+01	-1.74E-01	-1.46E-02	1.09E-02
3.72E+00	-9.30E+01	8.56E-02	-2.69E-02	-4.79E-03
3.74E+00	-9.30E+01	-5.20E-02	-7.32E-03	2.84E-03
3.76E+00	-9.30E+01	3.98E-02	1.22E-02	7.21E-04
3.78E+00	-9.30E+01	2.69E-01	-1.95E-02	-1.40E-03
3.80E+00	-9.30E+01	-8.26E-02	-4.88E-03	6.66E-03
3.82E+00	-9.30E+01	1.62E-01	-3.91E-02	1.57E-03
3.84E+00	-9.30E+01	3.98E-02	-2.56E-02	-1.40E-03
3.86E+00	-9.30E+01	1.47E-01	0.00E+00	-1.41E-02
3.88E+00	-9.30E+01	-1.13E-01	-1.10E-02	-4.37E-03
3.90E+00	-9.30E+01	1.31E-01	-1.95E-02	-8.61E-03
3.92E+00	-9.30E+01	1.01E-01	1.71E-02	2.97E-04
3.94E+00	-9.30E+01	-5.20E-02	-1.59E-02	-5.22E-03
3.96E+00	-9.30E+01	2.54E-01	-9.77E-03	-5.51E-04
3.98E+00	-9.30E+01	-1.74E-01	-1.59E-02	5.81E-03
4.00E+00	-9.30E+01	-3.67E-02	-2.20E-02	-4.79E-03
4.02E+00	-9.30E+01	2.08E-01	-1.59E-02	-9.76E-04
4.04E+00	-9.30E+01	1.47E-01	1.71E-02	5.39E-03
4.06E+00	-9.30E+01	1.47E-01	-2.20E-02	-5.22E-03
4.08E+00	-9.30E+01	2.23E-01	-1.71E-02	4.11E-03
4.10E+00	-9.30E+01	-1.44E-01	2.44E-03	8.36E-03
4.12E+00	-9.30E+01	-2.14E-02	-2.20E-02	-6.91E-03
4.14E+00	-9.30E+01	2.23E-01	-1.71E-02	-9.88E-03
4.16E+00	-9.30E+01	-1.28E-01	-1.22E-03	7.21E-04
4.18E+00	-9.30E+01	8.56E-02	-1.22E-02	-9.76E-04
4.20E+00	-9.30E+01	7.03E-02	-1.34E-02	-1.27E-04
4.22E+00	-9.30E+01	2.84E-01	-1.34E-02	4.11E-03
4.24E+00	-9.30E+01	-8.26E-02	-1.10E-02	-3.52E-03
4.26E+00	-9.30E+01	2.84E-01	-2.81E-02	-8.19E-03
4.28E+00	-9.30E+01	9.17E-03	4.88E-03	4.96E-03
4.30E+00	-9.30E+01	2.45E-02	-1.46E-02	-3.10E-03
4.32E+00	-9.30E+01	9.17E-03	-1.95E-02	1.47E-02
4.34E+00	-9.30E+01	-2.66E-01	-9.77E-03	-9.76E-04
4.36E+00	-9.30E+01	1.01E-01	-1.95E-02	-4.37E-03

4.38E+00	-9.30E+01	7.03E-02	-3.54E-02	2.84E-03
4.40E+00	-9.30E+01	7.03E-02	-9.77E-03	7.21E-04
4.42E+00	-9.30E+01	7.03E-02	-3.17E-02	-1.82E-03
4.44E+00	-9.30E+01	-1.13E-01	-1.71E-02	-1.20E-02
4.46E+00	-9.30E+01	8.56E-02	-3.17E-02	-1.27E-04
4.48E+00	-9.30E+01	2.39E-01	-1.46E-02	-2.67E-03
4.50E+00	-9.30E+01	1.31E-01	-7.32E-03	4.11E-03
4.52E+00	-9.30E+01	-3.42E-01	-1.46E-02	1.57E-03
4.54E+00	-9.30E+01	5.50E-02	-2.08E-02	-8.61E-03
4.56E+00	-9.30E+01	3.91E-01	-1.95E-02	-8.19E-03
4.58E+00	-9.30E+01	7.03E-02	-7.32E-03	-1.27E-04
4.60E+00	-9.30E+01	2.23E-01	-7.32E-03	-6.07E-03
4.62E+00	-9.30E+01	3.15E-01	-3.42E-02	-3.10E-03
4.64E+00	-9.30E+01	3.46E-01	-4.88E-03	-5.51E-04
4.66E+00	-9.30E+01	1.06E+00	-2.69E-02	-5.51E-04
4.68E+00	-9.30E+01	1.55E+00	-3.91E-02	-1.96E-02
4.70E+00	-9.30E+01	2.03E+00	-1.22E-02	-1.27E-04
4.72E+00	-9.30E+01	2.03E+00	-7.32E-03	-6.91E-03
4.74E+00	-9.30E+01	2.35E+00	-3.17E-02	-1.79E-02
4.76E+00	-9.30E+01	2.07E+00	-1.71E-02	-1.37E-02
4.78E+00	-9.30E+01	2.12E+00	-1.46E-02	-1.46E-02
4.80E+00	-9.30E+01	2.53E+00	-1.46E-02	-2.30E-02
4.82E+00	-9.30E+01	2.55E+00	-1.22E-02	-2.30E-02
4.84E+00	-9.30E+01	2.52E+00	-1.10E-02	-2.73E-02
4.86E+00	-9.30E+01	2.88E+00	-2.20E-02	-2.85E-02
4.88E+00	-9.30E+01	2.68E+00	-4.88E-03	-2.09E-02
4.90E+00	-9.30E+01	2.50E+00	-1.71E-02	-2.30E-02
4.92E+00	-9.30E+01	3.40E+00	-4.88E-03	-2.47E-02
4.94E+00	-9.30E+01	5.36E+00	-4.88E-03	-2.60E-02
4.96E+00	-9.30E+01	8.85E+00	-1.95E-02	-2.73E-02
4.98E+00	-9.30E+01	2.01E+01	-1.46E-02	-3.15E-02
5.00E+00	-9.30E+01	3.59E+01	-7.32E-03	-3.58E-02
5.02E+00	-9.30E+01	5.29E+01	-2.20E-02	-5.27E-02
5.04E+00	-9.30E+01	7.19E+01	-9.77E-03	-4.76E-02
5.06E+00	-9.30E+01	9.10E+01	-1.22E-02	-5.65E-02
5.08E+00	-9.30E+01	1.11E+02	-2.93E-02	-7.18E-02
5.10E+00	-9.30E+01	1.32E+02	-2.93E-02	-6.33E-02
5.12E+00	-9.30E+01	1.54E+02	-1.95E-02	-7.95E-02
5.14E+00	-9.30E+01	1.77E+02	0.00E+00	-7.69E-02
5.16E+00	-9.30E+01	1.95E+02	-1.22E-02	-8.75E-02
5.18E+00	-9.30E+01	2.05E+02	-2.32E-02	-9.35E-02
5.20E+00	-9.30E+01	2.05E+02	-4.88E-03	-9.68E-02
5.22E+00	-9.30E+01	2.06E+02	-1.46E-02	-1.03E-01
5.24E+00	-9.30E+01	2.09E+02	-1.83E-02	-1.06E-01
5.26E+00	-9.30E+01	2.08E+02	-1.95E-02	-9.68E-02
5.28E+00	-9.30E+01	2.08E+02	-2.69E-02	-1.22E-01
5.30E+00	-9.30E+01	2.08E+02	-2.20E-02	-1.20E-01

5.32E+00	-9.30E+01	2.08E+02	9.77E-03	-1.27E-01
5.34E+00	-9.30E+01	2.07E+02	-2.81E-02	-1.32E-01
5.36E+00	-9.30E+01	2.07E+02	-1.46E-02	-1.36E-01
5.38E+00	-9.30E+01	2.07E+02	-1.22E-02	-1.48E-01
5.40E+00	-9.30E+01	2.07E+02	-9.77E-03	-1.40E-01
5.42E+00	-9.30E+01	2.07E+02	-2.20E-02	-1.55E-01
5.44E+00	-9.30E+01	2.07E+02	-3.66E-02	-1.65E-01
5.46E+00	-9.30E+01	2.07E+02	-6.10E-03	-1.56E-01
5.48E+00	-9.30E+01	2.07E+02	-2.44E-02	-1.74E-01
5.50E+00	-9.30E+01	2.07E+02	-7.32E-03	-1.72E-01
5.52E+00	-9.30E+01	2.07E+02	-2.44E-03	-1.79E-01
5.54E+00	-9.30E+01	2.07E+02	-1.95E-02	-1.85E-01
5.56E+00	-9.30E+01	2.07E+02	-1.59E-02	-1.90E-01
5.58E+00	-9.30E+01	2.07E+02	-1.59E-02	-2.01E-01
5.60E+00	-9.30E+01	2.07E+02	-1.71E-02	-2.02E-01
5.62E+00	-9.30E+01	2.07E+02	-1.95E-02	-1.99E-01
5.64E+00	-9.30E+01	2.07E+02	-1.95E-02	-2.22E-01
5.66E+00	-9.30E+01	2.07E+02	-1.22E-02	-2.21E-01
5.68E+00	-9.30E+01	2.07E+02	-4.27E-02	-2.37E-01
5.70E+00	-9.30E+01	2.07E+02	-1.95E-02	-2.34E-01
5.72E+00	-9.30E+01	2.07E+02	-1.10E-02	-2.41E-01
5.74E+00	-9.30E+01	2.07E+02	-3.54E-02	-2.45E-01
5.76E+00	-9.30E+01	2.06E+02	-8.54E-03	-2.52E-01
5.78E+00	-9.30E+01	2.06E+02	-1.59E-02	-2.67E-01
5.80E+00	-9.30E+01	2.06E+02	-1.34E-02	-2.78E-01
5.82E+00	-9.30E+01	2.05E+02	-2.44E-03	-2.72E-01
5.84E+00	-9.30E+01	2.05E+02	-1.71E-02	-2.84E-01
5.86E+00	-9.30E+01	2.05E+02	-3.66E-02	-2.79E-01
5.88E+00	-9.30E+01	2.04E+02	-1.71E-02	-3.00E-01
5.90E+00	-9.30E+01	2.04E+02	-2.93E-02	-2.98E-01
5.92E+00	-9.30E+01	2.04E+02	-1.22E-02	-3.14E-01
5.94E+00	-9.30E+01	2.03E+02	-2.56E-02	-3.19E-01
5.96E+00	-9.30E+01	2.03E+02	-1.95E-02	-3.23E-01
5.98E+00	-9.30E+01	2.02E+02	-2.20E-02	-3.39E-01
6.00E+00	-9.30E+01	2.02E+02	-2.20E-02	-3.42E-01
6.02E+00	-9.30E+01	2.02E+02	-7.32E-03	-3.37E-01
6.04E+00	-9.30E+01	2.02E+02	-4.52E-02	-3.58E-01
6.06E+00	-9.30E+01	2.02E+02	-2.81E-02	-3.53E-01
6.08E+00	-9.30E+01	2.02E+02	-1.22E-02	-3.53E-01
6.10E+00	-9.30E+01	2.02E+02	-1.46E-02	-3.67E-01
6.12E+00	-9.30E+01	2.02E+02	-1.34E-02	-3.67E-01
6.14E+00	-9.30E+01	2.02E+02	-2.20E-02	-3.78E-01
6.16E+00	-9.30E+01	2.02E+02	-3.05E-02	-3.94E-01
6.18E+00	-9.30E+01	2.02E+02	-4.88E-03	-3.88E-01
6.20E+00	-9.30E+01	2.01E+02	-9.77E-03	-4.05E-01
6.22E+00	-9.30E+01	2.01E+02	-4.39E-02	-4.10E-01
6.24E+00	-9.30E+01	2.01E+02	-7.32E-03	-4.09E-01

6.26E+00	-9.30E+01	2.01E+02	-2.81E-02	-4.24E-01
6.28E+00	-9.30E+01	2.00E+02	-2.08E-02	-4.39E-01
6.30E+00	-9.30E+01	2.00E+02	-9.77E-03	-4.25E-01
6.32E+00	-9.30E+01	2.00E+02	-2.44E-02	-4.49E-01
6.34E+00	-9.30E+01	2.00E+02	-2.69E-02	-4.27E-01
6.36E+00	-9.30E+01	2.00E+02	-1.22E-02	-4.53E-01
6.38E+00	-9.30E+01	1.99E+02	-2.81E-02	-4.63E-01
6.40E+00	-9.30E+01	1.99E+02	-2.32E-02	-4.57E-01
6.42E+00	-9.30E+01	1.98E+02	-1.95E-02	-4.74E-01
6.44E+00	-9.30E+01	1.99E+02	-4.88E-03	-4.72E-01
6.46E+00	-9.30E+01	1.98E+02	-2.44E-02	-4.99E-01
6.48E+00	-9.30E+01	1.98E+02	-2.56E-02	-4.89E-01
6.50E+00	-9.30E+01	1.98E+02	-1.22E-03	-5.02E-01
6.52E+00	-9.30E+01	1.98E+02	-2.44E-02	-5.00E-01
6.54E+00	-9.30E+01	1.98E+02	-1.22E-02	-5.07E-01
6.56E+00	-9.30E+01	1.98E+02	-4.88E-03	-5.16E-01
6.58E+00	-9.30E+01	1.98E+02	-1.22E-02	-5.41E-01
6.60E+00	-9.30E+01	1.98E+02	-1.46E-02	-5.27E-01
6.62E+00	-9.30E+01	1.97E+02	-2.32E-02	-5.48E-01
6.64E+00	-9.30E+01	1.98E+02	-2.69E-02	-5.39E-01
6.66E+00	-9.30E+01	1.97E+02	-8.54E-03	-5.52E-01
6.68E+00	-9.30E+01	1.97E+02	-1.59E-02	-5.58E-01
6.70E+00	-9.30E+01	1.98E+02	-1.95E-02	-5.69E-01
6.72E+00	-9.30E+01	1.98E+02	-4.15E-02	-5.74E-01
6.74E+00	-9.30E+01	1.98E+02	-3.17E-02	-5.78E-01
6.76E+00	-9.30E+01	1.97E+02	9.77E-03	-5.90E-01
6.78E+00	-9.30E+01	1.98E+02	-2.69E-02	-5.93E-01
6.80E+00	-9.30E+01	1.98E+02	-1.46E-02	-5.94E-01
6.82E+00	-9.30E+01	1.97E+02	9.77E-03	-6.08E-01
6.84E+00	-9.30E+01	1.97E+02	-2.44E-02	-5.97E-01
6.86E+00	-9.30E+01	1.97E+02	-7.32E-03	-6.08E-01
6.88E+00	-9.30E+01	1.97E+02	-1.95E-02	-6.18E-01
6.90E+00	-9.30E+01	1.98E+02	-3.17E-02	-6.23E-01
6.92E+00	-9.30E+01	1.97E+02	-1.34E-02	-6.38E-01
6.94E+00	-9.30E+01	1.97E+02	-2.56E-02	-6.41E-01
6.96E+00	-9.30E+01	1.97E+02	-7.32E-03	-6.49E-01
6.98E+00	-9.30E+01	1.97E+02	-2.32E-02	-6.59E-01
7.00E+00	-9.30E+01	1.98E+02	-1.22E-02	-6.60E-01
7.02E+00	-9.30E+01	1.97E+02	-1.22E-02	-6.84E-01
7.04E+00	-9.30E+01	1.97E+02	-2.69E-02	-6.75E-01
7.06E+00	-9.30E+01	1.97E+02	0.00E+00	-6.80E-01
7.08E+00	-9.30E+01	1.97E+02	-1.22E-03	-6.90E-01
7.10E+00	-9.30E+01	1.97E+02	-1.95E-02	-6.91E-01
7.12E+00	-9.30E+01	1.97E+02	0.00E+00	-7.06E-01
7.14E+00	-9.30E+01	1.97E+02	-1.95E-02	-7.11E-01
7.16E+00	-9.30E+01	1.97E+02	-1.10E-02	-7.06E-01
7.18E+00	-9.30E+01	1.97E+02	-2.56E-02	-7.26E-01

7.20E+00	-9.30E+01	1.97E+02	1.34E-02	-7.28E-01
7.22E+00	-9.30E+01	1.97E+02	-9.77E-03	-7.32E-01
7.24E+00	-9.30E+01	1.97E+02	-2.20E-02	-7.45E-01
7.26E+00	-9.30E+01	1.97E+02	-1.34E-02	-7.56E-01
7.28E+00	-9.30E+01	1.97E+02	-1.46E-02	-7.55E-01
7.30E+00	-9.30E+01	1.97E+02	-2.93E-02	-7.58E-01
7.32E+00	-9.30E+01	1.97E+02	1.46E-02	-7.61E-01
7.34E+00	-9.30E+01	1.97E+02	-2.44E-02	-7.78E-01
7.36E+00	-9.30E+01	1.97E+02	-3.17E-02	-7.78E-01
7.38E+00	-9.30E+01	1.97E+02	0.00E+00	-7.93E-01
7.40E+00	-9.30E+01	1.97E+02	-2.20E-02	-7.98E-01
7.42E+00	-9.30E+01	1.97E+02	-1.22E-02	-8.02E-01
7.44E+00	-9.30E+01	1.97E+02	-2.08E-02	-8.15E-01
7.46E+00	-9.30E+01	1.98E+02	-2.69E-02	-8.21E-01
7.48E+00	-9.30E+01	1.97E+02	-1.22E-02	-8.23E-01
7.50E+00	-9.30E+01	1.97E+02	-2.20E-02	-8.35E-01
7.52E+00	-9.30E+01	1.98E+02	-2.93E-02	-8.35E-01
7.54E+00	-9.30E+01	1.97E+02	4.88E-03	-8.37E-01
7.56E+00	-9.30E+01	1.97E+02	-2.32E-02	-8.64E-01
7.58E+00	-9.30E+01	1.98E+02	-1.95E-02	-8.52E-01
7.60E+00	-9.30E+01	1.98E+02	-9.77E-03	-8.65E-01
7.62E+00	-9.30E+01	1.98E+02	-5.25E-02	-8.75E-01
7.64E+00	-9.30E+01	1.97E+02	-1.10E-02	-8.84E-01
7.66E+00	-9.30E+01	1.98E+02	-7.32E-03	-8.85E-01
7.68E+00	-9.30E+01	1.98E+02	-1.95E-02	-8.91E-01
7.70E+00	-9.30E+01	1.98E+02	2.44E-03	-8.93E-01
7.72E+00	-9.30E+01	1.98E+02	-1.95E-02	-9.06E-01
7.74E+00	-9.30E+01	1.98E+02	-2.20E-02	-8.92E-01
7.76E+00	-9.30E+01	1.98E+02	-3.91E-02	-9.21E-01
7.78E+00	-9.30E+01	1.98E+02	-1.71E-02	-9.19E-01
7.80E+00	-9.30E+01	1.98E+02	-1.95E-02	-9.24E-01
7.82E+00	-9.30E+01	1.98E+02	-1.22E-02	-9.50E-01
7.84E+00	-9.30E+01	1.98E+02	-2.93E-02	-9.41E-01
7.86E+00	-9.30E+01	1.98E+02	-1.59E-02	-9.49E-01
7.88E+00	-9.30E+01	1.98E+02	-4.27E-02	-9.72E-01
7.90E+00	-9.30E+01	1.99E+02	-1.22E-02	-9.55E-01
7.92E+00	-9.30E+01	1.98E+02	-1.22E-03	-9.72E-01
7.94E+00	-9.30E+01	1.98E+02	-3.42E-02	-9.85E-01
7.96E+00	-9.30E+01	1.98E+02	-2.44E-03	-9.77E-01
7.98E+00	-9.30E+01	1.99E+02	-2.69E-02	-9.94E-01
8.00E+00	-9.30E+01	1.98E+02	-2.20E-02	-9.92E-01
8.02E+00	-9.30E+01	1.98E+02	-1.71E-02	-1.00E+00
8.04E+00	-9.30E+01	1.98E+02	-2.20E-02	-1.01E+00
8.06E+00	-9.30E+01	1.98E+02	-7.32E-03	-1.01E+00
8.08E+00	-9.30E+01	1.98E+02	-1.22E-02	-1.02E+00
8.10E+00	-9.30E+01	1.99E+02	-1.71E-02	-1.03E+00
8.12E+00	-9.30E+01	1.98E+02	-4.88E-03	-1.03E+00

8.14E+00	-9.30E+01	1.99E+02	-2.69E-02	-1.04E+00
8.16E+00	-9.30E+01	1.99E+02	-3.05E-02	-1.05E+00
8.18E+00	-9.30E+01	1.99E+02	-8.54E-03	-1.04E+00
8.20E+00	-9.30E+01	1.99E+02	-2.93E-02	-1.07E+00
8.22E+00	-9.30E+01	1.99E+02	-9.77E-03	-1.07E+00
8.24E+00	-9.30E+01	1.99E+02	-4.88E-03	-1.07E+00
8.26E+00	-9.30E+01	1.98E+02	4.88E-03	-1.09E+00
8.28E+00	-9.30E+01	1.99E+02	-7.32E-03	-1.08E+00
8.30E+00	-9.30E+01	1.98E+02	-2.44E-02	-1.10E+00
8.32E+00	-9.30E+01	1.99E+02	-1.95E-02	-1.09E+00
8.34E+00	-9.30E+01	1.98E+02	-1.46E-02	-1.11E+00
8.36E+00	-9.30E+01	1.99E+02	-1.46E-02	-1.11E+00
8.38E+00	-9.30E+01	1.99E+02	-1.34E-02	-1.11E+00
8.40E+00	-9.30E+01	1.98E+02	7.32E-03	-1.13E+00
8.42E+00	-9.30E+01	1.98E+02	-1.46E-02	-1.13E+00
8.44E+00	-9.30E+01	1.98E+02	-1.46E-02	-1.13E+00
8.46E+00	-9.30E+01	1.99E+02	-2.93E-02	-1.15E+00
8.48E+00	-9.30E+01	1.98E+02	-7.32E-03	-1.15E+00
8.50E+00	-9.30E+01	1.98E+02	-1.95E-02	-1.16E+00
8.52E+00	-9.30E+01	1.98E+02	-4.15E-02	-1.17E+00
8.54E+00	-9.30E+01	1.98E+02	-2.44E-03	-1.17E+00
8.56E+00	-9.30E+01	1.98E+02	-1.71E-02	-1.18E+00
8.58E+00	-9.30E+01	1.98E+02	-3.30E-02	-1.18E+00
8.60E+00	-9.30E+01	1.98E+02	-9.77E-03	-1.19E+00
8.62E+00	-9.30E+01	1.98E+02	-2.44E-02	-1.20E+00
8.64E+00	-9.30E+01	1.98E+02	-2.81E-02	-1.20E+00
8.66E+00	-9.30E+01	1.98E+02	-7.32E-03	-1.22E+00
8.68E+00	-9.30E+01	1.98E+02	-2.81E-02	-1.22E+00
8.70E+00	-9.30E+01	1.98E+02	-2.44E-03	-1.24E+00
8.72E+00	-9.30E+01	1.98E+02	-1.95E-02	-1.24E+00
8.74E+00	-9.30E+01	1.98E+02	-1.95E-02	-1.25E+00
8.76E+00	-9.30E+01	1.98E+02	9.77E-03	-1.24E+00
8.78E+00	-9.30E+01	1.98E+02	-2.20E-02	-1.25E+00
8.80E+00	-9.30E+01	1.98E+02	-1.95E-02	-1.26E+00
8.82E+00	-9.30E+01	1.98E+02	-1.22E-02	-1.27E+00
8.84E+00	-9.30E+01	1.98E+02	-1.46E-02	-1.29E+00
8.86E+00	-9.30E+01	1.98E+02	-1.59E-02	-1.28E+00
8.88E+00	-9.30E+01	1.98E+02	-2.44E-03	-1.29E+00
8.90E+00	-9.30E+01	1.98E+02	-1.71E-02	-1.29E+00
8.92E+00	-9.30E+01	1.98E+02	-8.54E-03	-1.30E+00
8.94E+00	-9.30E+01	1.98E+02	-2.69E-02	-1.31E+00
8.96E+00	-9.30E+01	1.98E+02	-2.93E-02	-1.33E+00
8.98E+00	-9.30E+01	1.98E+02	-7.32E-03	-1.32E+00
9.00E+00	-9.30E+01	1.98E+02	-2.56E-02	-1.33E+00
9.02E+00	-9.30E+01	1.98E+02	-2.56E-02	-1.33E+00
9.04E+00	-9.30E+01	1.98E+02	-1.46E-02	-1.36E+00
9.06E+00	-9.30E+01	1.98E+02	-2.32E-02	-1.35E+00

9.08E+00	-9.30E+01	1.98E+02	-2.44E-03	-1.36E+00
9.10E+00	-9.30E+01	1.98E+02	-4.39E-02	-1.37E+00
9.12E+00	-9.30E+01	1.98E+02	-9.77E-03	-1.37E+00
9.14E+00	-9.30E+01	1.98E+02	-1.71E-02	-1.38E+00
9.16E+00	-9.30E+01	1.98E+02	-2.32E-02	-1.38E+00
9.18E+00	-9.30E+01	1.98E+02	-1.22E-02	-1.38E+00
9.20E+00	-9.30E+01	1.98E+02	-7.32E-03	-1.40E+00
9.22E+00	-9.30E+01	1.98E+02	-4.39E-02	-1.40E+00
9.24E+00	-9.30E+01	1.98E+02	-7.32E-03	-1.41E+00
9.26E+00	-9.30E+01	1.98E+02	-1.95E-02	-1.42E+00
9.28E+00	-9.30E+01	1.98E+02	-9.77E-03	-1.42E+00
9.30E+00	-9.30E+01	1.98E+02	-8.54E-03	-1.42E+00
9.32E+00	-9.30E+01	1.98E+02	-2.44E-02	-1.44E+00
9.34E+00	-9.30E+01	1.98E+02	-7.32E-03	-1.44E+00
9.36E+00	-9.30E+01	1.99E+02	-2.56E-02	-1.45E+00
9.38E+00	-9.30E+01	1.99E+02	-3.17E-02	-1.46E+00
9.40E+00	-9.30E+01	1.99E+02	4.88E-03	-1.46E+00
9.42E+00	-9.30E+01	1.98E+02	-2.93E-02	-1.48E+00
9.44E+00	-9.30E+01	1.99E+02	-2.69E-02	-1.47E+00
9.46E+00	-9.30E+01	1.99E+02	-1.34E-02	-1.49E+00
9.48E+00	-9.30E+01	1.99E+02	-2.44E-02	-1.50E+00
9.50E+00	-9.30E+01	1.99E+02	0.00E+00	-1.49E+00
9.52E+00	-9.30E+01	1.99E+02	-2.08E-02	-1.51E+00
9.54E+00	-9.30E+01	1.99E+02	-1.22E-02	-1.50E+00
9.56E+00	-9.30E+01	1.99E+02	-1.22E-02	-1.52E+00
9.58E+00	-9.30E+01	1.99E+02	-2.69E-02	-1.53E+00
9.60E+00	-9.30E+01	1.99E+02	-1.22E-02	-1.53E+00
9.62E+00	-9.30E+01	1.99E+02	-4.15E-02	-1.54E+00
9.64E+00	-9.30E+01	1.99E+02	-1.34E-02	-1.52E+00
9.66E+00	-9.30E+01	1.99E+02	-1.22E-02	-1.55E+00
9.68E+00	-9.30E+01	1.99E+02	-2.20E-02	-1.56E+00
9.70E+00	-9.30E+01	1.99E+02	-2.93E-02	-1.56E+00
9.72E+00	-9.30E+01	1.99E+02	-2.69E-02	-1.58E+00
9.74E+00	-9.30E+01	1.99E+02	-9.77E-03	-1.57E+00
9.76E+00	-9.30E+01	1.99E+02	0.00E+00	-1.60E+00
9.78E+00	-9.30E+01	1.99E+02	-1.46E-02	-1.59E+00
9.80E+00	-9.30E+01	1.99E+02	-7.32E-03	-1.60E+00
9.82E+00	-9.30E+01	1.99E+02	-1.59E-02	-1.61E+00
9.84E+00	-9.30E+01	1.99E+02	-1.22E-02	-1.61E+00
9.86E+00	-9.30E+01	1.99E+02	-1.22E-02	-1.62E+00
9.88E+00	-9.30E+01	1.99E+02	-1.10E-02	-1.62E+00
9.90E+00	-9.30E+01	1.99E+02	-3.42E-02	-1.62E+00
9.92E+00	-9.30E+01	1.99E+02	-2.93E-02	-1.65E+00
9.94E+00	-9.30E+01	1.99E+02	2.44E-03	-1.65E+00
9.96E+00	-9.30E+01	1.99E+02	-3.54E-02	-1.66E+00
9.98E+00	-9.30E+01	1.99E+02	-1.71E-02	-1.66E+00
1.00E+01	-9.30E+01	1.99E+02	-1.10E-02	-1.67E+00

1.00E+01	-9.30E+01	1.99E+02	-1.71E-02	-1.68E+00
1.00E+01	-9.30E+01	1.98E+02	-2.44E-03	-1.67E+00
1.01E+01	-9.30E+01	1.99E+02	-1.95E-02	-1.69E+00
1.01E+01	-9.30E+01	1.99E+02	-2.81E-02	-1.69E+00
1.01E+01	-9.30E+01	1.99E+02	-1.34E-02	-1.71E+00
1.01E+01	-9.30E+01	1.99E+02	-2.69E-02	-1.71E+00
1.01E+01	-9.30E+01	1.99E+02	-9.77E-03	-1.71E+00
1.02E+01	-9.30E+01	1.99E+02	7.32E-03	-1.72E+00
1.02E+01	-9.30E+01	1.99E+02	-2.32E-02	-1.73E+00
1.02E+01	-9.30E+01	1.99E+02	-1.22E-02	-1.73E+00
1.02E+01	-9.30E+01	1.99E+02	-2.93E-02	-1.74E+00
1.02E+01	-9.30E+01	1.99E+02	-5.13E-02	-1.74E+00
1.03E+01	-9.30E+01	1.99E+02	2.44E-03	-1.75E+00
1.03E+01	-9.30E+01	1.99E+02	-2.20E-02	-1.76E+00
1.03E+01	-9.30E+01	1.99E+02	-2.56E-02	-1.75E+00
1.03E+01	-9.30E+01	1.99E+02	-1.83E-02	-1.78E+00
1.03E+01	-9.30E+01	1.99E+02	-1.22E-02	-1.78E+00
1.04E+01	-9.30E+01	1.99E+02	-9.77E-03	-1.79E+00
1.04E+01	-9.30E+01	1.99E+02	-5.62E-02	-1.80E+00
1.04E+01	-9.30E+01	1.99E+02	-1.95E-02	-1.80E+00
1.04E+01	-9.30E+01	1.99E+02	-9.77E-03	-1.81E+00
1.04E+01	-9.30E+01	1.99E+02	-2.20E-02	-1.82E+00
1.05E+01	-9.30E+01	1.99E+02	-1.95E-02	-1.82E+00
1.05E+01	-9.30E+01	1.99E+02	-9.77E-03	-1.83E+00
1.05E+01	-9.30E+01	1.99E+02	-2.69E-02	-1.84E+00
1.05E+01	-9.30E+01	1.99E+02	-7.32E-03	-1.84E+00
1.05E+01	-9.30E+01	1.99E+02	-3.17E-02	-1.85E+00
1.06E+01	-9.30E+01	1.99E+02	0.00E+00	-1.85E+00
1.06E+01	-9.30E+01	1.99E+02	-2.08E-02	-1.88E+00
1.06E+01	-9.30E+01	1.99E+02	-1.22E-02	-1.86E+00
1.06E+01	-9.30E+01	1.99E+02	-1.83E-02	-1.87E+00
1.06E+01	-9.30E+01	1.99E+02	-3.66E-02	-1.89E+00
1.07E+01	-9.30E+01	1.99E+02	0.00E+00	-1.88E+00
1.07E+01	-9.30E+01	1.99E+02	-3.91E-02	-1.90E+00
1.07E+01	-9.30E+01	1.99E+02	-1.71E-02	-1.89E+00
1.07E+01	-9.30E+01	1.99E+02	-3.05E-02	-1.91E+00
1.07E+01	-9.30E+01	1.99E+02	-1.71E-02	-1.91E+00
1.08E+01	-9.30E+01	1.99E+02	-1.71E-02	-1.91E+00
1.08E+01	-9.30E+01	1.99E+02	-3.66E-02	-1.93E+00
1.08E+01	-9.30E+01	1.99E+02	-1.95E-02	-1.93E+00
1.08E+01	-9.30E+01	1.99E+02	-1.22E-03	-1.94E+00
1.08E+01	-9.30E+01	1.98E+02	-7.32E-03	-1.95E+00
1.09E+01	-9.30E+01	1.98E+02	-1.46E-02	-1.95E+00
1.09E+01	-9.30E+01	1.98E+02	-2.20E-02	-1.97E+00
1.09E+01	-9.30E+01	1.98E+02	-3.66E-03	-1.96E+00
1.09E+01	-9.30E+01	1.98E+02	-1.22E-02	-1.98E+00
1.09E+01	-9.30E+01	1.98E+02	-2.32E-02	-1.99E+00

1.10E+01	-9.30E+01	1.98E+02	-1.22E-02	-1.98E+00
1.10E+01	-9.30E+01	1.98E+02	-3.17E-02	-1.99E+00
1.10E+01	-9.30E+01	1.98E+02	-2.20E-02	-2.00E+00
1.10E+01	-9.30E+01	1.98E+02	-1.46E-02	-2.02E+00
1.10E+01	-9.30E+01	1.98E+02	-3.17E-02	-2.02E+00
1.11E+01	-9.30E+01	1.98E+02	-1.71E-02	-2.02E+00
1.11E+01	-9.30E+01	1.98E+02	-7.32E-03	-2.02E+00
1.11E+01	-9.30E+01	1.98E+02	-5.13E-02	-2.04E+00
1.11E+01	-9.30E+01	1.98E+02	-1.59E-02	-2.04E+00
1.11E+01	-9.30E+01	1.98E+02	-1.22E-02	-2.05E+00
1.12E+01	-9.30E+01	1.98E+02	-3.42E-02	-2.06E+00
1.12E+01	-9.30E+01	1.98E+02	-1.22E-02	-2.07E+00
1.12E+01	-9.30E+01	1.98E+02	-2.56E-02	-2.08E+00
1.12E+01	-9.30E+01	1.98E+02	-9.77E-03	-2.07E+00
1.12E+01	-9.30E+01	1.98E+02	-1.34E-02	-2.08E+00
1.13E+01	-9.30E+01	1.98E+02	-2.69E-02	-2.09E+00
1.13E+01	-9.30E+01	1.98E+02	3.66E-03	-2.09E+00
1.13E+01	-9.30E+01	1.98E+02	-2.69E-02	-2.09E+00
1.13E+01	-9.30E+01	1.98E+02	3.66E-03	-2.10E+00
1.13E+01	-9.30E+01	1.97E+02	-1.83E-02	-2.12E+00
1.14E+01	-9.30E+01	1.97E+02	-1.95E-02	-2.11E+00
1.14E+01	-9.30E+01	1.97E+02	-8.54E-03	-2.13E+00
1.14E+01	-9.30E+01	1.97E+02	-2.44E-02	-2.14E+00
1.14E+01	-9.30E+01	1.97E+02	-1.46E-02	-2.14E+00
1.14E+01	-9.30E+01	1.96E+02	-9.77E-03	-2.15E+00
1.15E+01	-9.30E+01	1.97E+02	-2.44E-02	-2.16E+00
1.15E+01	-9.30E+01	1.96E+02	-1.46E-02	-2.16E+00
1.15E+01	-9.30E+01	1.96E+02	-6.10E-03	-2.17E+00
1.15E+01	-9.30E+01	1.96E+02	-2.20E-02	-2.18E+00
1.15E+01	-9.30E+01	1.97E+02	0.00E+00	-2.18E+00
1.16E+01	-9.30E+01	1.96E+02	-2.93E-02	-2.19E+00
1.16E+01	-9.30E+01	1.96E+02	-2.44E-03	-2.19E+00
1.16E+01	-9.30E+01	1.96E+02	-1.46E-02	-2.21E+00
1.16E+01	-9.30E+01	1.97E+02	-3.17E-02	-2.21E+00
1.16E+01	-9.30E+01	1.96E+02	-3.17E-02	-2.22E+00
1.17E+01	-9.30E+01	1.96E+02	-2.44E-02	-2.23E+00
1.17E+01	-9.30E+01	1.96E+02	-7.32E-03	-2.23E+00
1.17E+01	-9.30E+01	1.96E+02	-3.66E-03	-2.23E+00
1.17E+01	-9.30E+01	1.96E+02	-1.95E-02	-2.24E+00
1.17E+01	-9.30E+01	1.96E+02	-1.83E-02	-2.24E+00
1.18E+01	-9.30E+01	1.96E+02	-3.17E-02	-2.25E+00
1.18E+01	-9.30E+01	1.96E+02	-2.20E-02	-2.28E+00
1.18E+01	-9.30E+01	1.96E+02	-4.88E-03	-2.26E+00
1.18E+01	-9.30E+01	1.96E+02	-2.44E-02	-2.28E+00
1.18E+01	-9.30E+01	1.96E+02	0.00E+00	-2.27E+00
1.19E+01	-9.30E+01	1.96E+02	-1.71E-02	-2.29E+00
1.19E+01	-9.30E+01	1.96E+02	-1.71E-02	-2.29E+00

1.19E+01	-9.30E+01	1.96E+02	-1.22E-02	-2.31E+00
1.19E+01	-9.30E+01	1.97E+02	-4.88E-03	-2.31E+00
1.19E+01	-9.30E+01	1.97E+02	-8.54E-03	-2.31E+00
1.20E+01	-9.30E+01	1.96E+02	-2.20E-02	-2.33E+00
1.20E+01	-9.30E+01	1.96E+02	0.00E+00	-2.34E+00
1.20E+01	-9.30E+01	1.96E+02	-1.46E-02	-2.33E+00
1.20E+01	-9.30E+01	1.96E+02	-7.32E-03	-2.35E+00
1.20E+01	-9.30E+01	1.96E+02	-3.42E-02	-2.34E+00
1.21E+01	-9.30E+01	1.96E+02	-1.10E-02	-2.35E+00
1.21E+01	-9.30E+01	1.96E+02	-2.08E-02	-2.37E+00
1.21E+01	-9.30E+01	1.96E+02	-1.95E-02	-2.37E+00
1.21E+01	-9.30E+01	1.97E+02	2.69E-02	-2.39E+00
1.21E+01	-9.30E+01	1.96E+02	-2.56E-02	-2.38E+00
1.22E+01	-9.30E+01	1.96E+02	-1.71E-02	-2.39E+00
1.22E+01	-9.30E+01	1.96E+02	7.32E-03	-2.40E+00
1.22E+01	-9.30E+01	1.96E+02	-1.46E-02	-2.42E+00
1.22E+01	-9.30E+01	1.97E+02	-1.71E-02	-2.41E+00
1.22E+01	-9.30E+01	1.96E+02	-9.77E-03	-2.41E+00
1.23E+01	-9.30E+01	1.96E+02	-4.03E-02	-2.43E+00
1.23E+01	-9.30E+01	1.96E+02	-2.69E-02	-2.43E+00
1.23E+01	-9.30E+01	1.96E+02	-1.71E-02	-2.43E+00
1.23E+01	-9.30E+01	1.96E+02	-1.10E-02	-2.44E+00
1.23E+01	-9.30E+01	1.96E+02	-1.71E-02	-2.45E+00
1.24E+01	-9.30E+01	1.96E+02	-4.88E-03	-2.45E+00
1.24E+01	-9.30E+01	1.96E+02	-1.22E-02	-2.47E+00
1.24E+01	-9.30E+01	1.96E+02	-8.54E-03	-2.47E+00
1.24E+01	-9.30E+01	1.96E+02	-2.20E-02	-2.48E+00
1.24E+01	-9.30E+01	1.96E+02	-2.20E-02	-2.48E+00
1.25E+01	-9.30E+01	1.96E+02	2.20E-02	-2.50E+00
1.25E+01	-9.30E+01	1.96E+02	-2.44E-02	-2.50E+00
1.25E+01	-9.30E+01	1.96E+02	-1.22E-02	-2.51E+00
1.25E+01	-9.30E+01	1.96E+02	-3.66E-03	-2.51E+00
1.25E+01	-9.30E+01	1.96E+02	-2.44E-02	-2.51E+00
1.26E+01	-9.30E+01	1.96E+02	-1.22E-02	-2.52E+00
1.26E+01	-9.30E+01	1.96E+02	-2.20E-02	-2.54E+00
1.26E+01	-9.30E+01	1.96E+02	-1.46E-02	-2.53E+00
1.26E+01	-9.30E+01	1.96E+02	-1.95E-02	-2.55E+00
1.26E+01	-9.30E+01	1.96E+02	-1.46E-02	-2.56E+00
1.27E+01	-9.30E+01	1.96E+02	-1.10E-02	-2.56E+00
1.27E+01	-9.30E+01	1.96E+02	2.44E-03	-2.57E+00
1.27E+01	-9.30E+01	1.97E+02	-2.32E-02	-2.57E+00
1.27E+01	-9.30E+01	1.97E+02	-6.10E-03	-2.58E+00
1.27E+01	-9.30E+01	1.97E+02	-1.22E-02	-2.61E+00
1.28E+01	-9.30E+01	1.97E+02	-2.44E-02	-2.59E+00
1.28E+01	-9.30E+01	1.97E+02	-1.22E-02	-2.60E+00
1.28E+01	-9.30E+01	1.97E+02	-2.69E-02	-2.62E+00
1.28E+01	-9.30E+01	1.97E+02	-2.93E-02	-2.61E+00

1.28E+01	-9.30E+01	1.97E+02	-1.46E-02	-2.62E+00
1.29E+01	-9.30E+01	1.97E+02	-2.69E-02	-2.63E+00
1.29E+01	-9.30E+01	1.98E+02	-2.93E-02	-2.63E+00
1.29E+01	-9.30E+01	1.98E+02	-2.93E-02	-2.64E+00
1.29E+01	-9.30E+01	1.98E+02	-1.10E-02	-2.64E+00
1.29E+01	-9.30E+01	1.98E+02	-6.10E-03	-2.66E+00
1.30E+01	-9.30E+01	1.98E+02	-2.32E-02	-2.65E+00
1.30E+01	-9.30E+01	1.98E+02	-4.88E-03	-2.66E+00
1.30E+01	-9.30E+01	1.98E+02	-1.83E-02	-2.68E+00
1.30E+01	-9.30E+01	1.98E+02	-2.44E-02	-2.68E+00
1.30E+01	-9.30E+01	1.98E+02	-7.32E-03	-2.69E+00
1.31E+01	-9.30E+01	1.98E+02	-1.83E-02	-2.70E+00
1.31E+01	-9.30E+01	1.98E+02	-1.71E-02	-2.69E+00
1.31E+01	-9.30E+01	1.99E+02	-2.20E-02	-2.71E+00
1.31E+01	-9.30E+01	1.98E+02	-1.46E-02	-2.71E+00
1.31E+01	-9.30E+01	1.98E+02	-8.54E-03	-2.72E+00
1.32E+01	-9.30E+01	1.99E+02	-2.08E-02	-2.72E+00
1.32E+01	-9.30E+01	1.99E+02	-2.69E-02	-2.73E+00
1.32E+01	-9.30E+01	1.98E+02	-1.71E-02	-2.74E+00
1.32E+01	-9.30E+01	1.99E+02	-7.32E-03	-2.74E+00
1.32E+01	-9.30E+01	1.99E+02	7.32E-03	-2.74E+00
1.33E+01	-9.30E+01	1.99E+02	-2.44E-02	-2.77E+00
1.33E+01	-9.30E+01	1.99E+02	-3.66E-03	-2.77E+00
1.33E+01	-9.30E+01	1.99E+02	-2.93E-02	-2.77E+00
1.33E+01	-9.30E+01	1.99E+02	-1.46E-02	-2.78E+00
1.33E+01	-9.30E+01	1.99E+02	-1.22E-02	-2.79E+00
1.34E+01	-9.30E+01	1.99E+02	-2.93E-02	-2.80E+00
1.34E+01	-9.30E+01	1.99E+02	-2.56E-02	-2.80E+00
1.34E+01	-9.30E+01	1.99E+02	-2.69E-02	-2.81E+00
1.34E+01	-9.30E+01	1.99E+02	-7.32E-03	-2.82E+00
1.34E+01	-9.30E+01	1.99E+02	-3.66E-02	-2.82E+00
1.35E+01	-9.30E+01	1.99E+02	-3.66E-03	-2.82E+00
1.35E+01	-9.30E+01	1.99E+02	-1.46E-02	-2.84E+00
1.35E+01	-9.30E+01	1.99E+02	-1.71E-02	-2.85E+00
1.35E+01	-9.30E+01	1.99E+02	9.77E-03	-2.85E+00
1.35E+01	-9.30E+01	1.99E+02	-2.69E-02	-2.86E+00
1.36E+01	-9.30E+01	1.99E+02	-1.46E-02	-2.86E+00
1.36E+01	-9.30E+01	1.99E+02	-1.71E-02	-2.86E+00
1.36E+01	-9.30E+01	1.99E+02	-2.44E-03	-2.88E+00
1.36E+01	-9.30E+01	1.99E+02	-3.17E-02	-2.89E+00
1.36E+01	-9.30E+01	1.99E+02	-1.83E-02	-2.88E+00
1.37E+01	-9.30E+01	1.99E+02	-2.44E-02	-2.90E+00
1.37E+01	-9.30E+01	1.99E+02	-1.46E-02	-2.90E+00
1.37E+01	-9.30E+01	1.99E+02	0.00E+00	-2.91E+00
1.37E+01	-9.30E+01	1.99E+02	-2.69E-02	-2.92E+00
1.37E+01	-9.30E+01	2.00E+02	-7.32E-03	-2.92E+00
1.38E+01	-9.30E+01	1.99E+02	-2.44E-02	-2.94E+00

1.38E+01	-9.30E+01	2.00E+02	-1.71E-02	-2.94E+00
1.38E+01	-9.30E+01	2.00E+02	-1.46E-02	-2.93E+00
1.38E+01	-9.30E+01	2.00E+02	-2.69E-02	-2.95E+00
1.38E+01	-9.30E+01	2.00E+02	-1.10E-02	-2.95E+00
1.39E+01	-9.30E+01	2.01E+02	-4.39E-02	-2.96E+00
1.39E+01	-9.30E+01	2.00E+02	-1.71E-02	-2.97E+00
1.39E+01	-9.30E+01	2.00E+02	-1.22E-02	-2.98E+00
1.39E+01	-9.30E+01	2.00E+02	-1.71E-02	-2.98E+00
1.39E+01	-9.30E+01	2.00E+02	-1.95E-02	-3.00E+00
1.40E+01	-9.30E+01	2.00E+02	-1.95E-02	-3.00E+00
1.40E+01	-9.30E+01	2.01E+02	-2.69E-02	-3.00E+00
1.40E+01	-9.30E+01	2.00E+02	-2.44E-03	-3.01E+00
1.40E+01	-9.30E+01	2.01E+02	-3.91E-02	-3.02E+00
1.40E+01	-9.30E+01	2.01E+02	-1.34E-02	-3.02E+00
1.41E+01	-9.30E+01	2.01E+02	-3.17E-02	-3.04E+00
1.41E+01	-9.30E+01	2.01E+02	-4.88E-03	-3.05E+00
1.41E+01	-9.30E+01	2.01E+02	-1.83E-02	-3.05E+00
1.41E+01	-9.30E+01	2.01E+02	-1.59E-02	-3.05E+00
1.41E+01	-9.30E+01	2.01E+02	-2.20E-02	-3.06E+00
1.42E+01	-9.30E+01	2.01E+02	-3.78E-02	-3.07E+00
1.42E+01	-9.30E+01	2.02E+02	-7.32E-03	-3.07E+00
1.42E+01	-9.30E+01	2.02E+02	-1.95E-02	-3.08E+00
1.42E+01	-9.30E+01	2.02E+02	-1.22E-02	-3.07E+00
1.42E+01	-9.30E+01	2.02E+02	-1.22E-02	-3.10E+00
1.43E+01	-9.30E+01	2.02E+02	-3.17E-02	-3.10E+00
1.43E+01	-9.30E+01	2.02E+02	-7.32E-03	-3.11E+00
1.43E+01	-9.30E+01	2.02E+02	-2.44E-02	-3.11E+00
1.43E+01	-9.30E+01	2.02E+02	-1.95E-02	-3.12E+00
1.43E+01	-9.30E+01	2.02E+02	-1.10E-02	-3.13E+00
1.44E+01	-9.30E+01	2.02E+02	-2.69E-02	-3.14E+00
1.44E+01	-9.30E+01	2.02E+02	4.88E-03	-3.13E+00
1.44E+01	-9.30E+01	2.02E+02	-2.20E-02	-3.15E+00
1.44E+01	-9.30E+01	2.02E+02	-1.83E-02	-3.16E+00
1.44E+01	-9.30E+01	2.02E+02	-3.66E-03	-3.17E+00
1.45E+01	-9.30E+01	2.03E+02	-5.74E-02	-3.17E+00
1.45E+01	-9.30E+01	2.03E+02	-9.77E-03	-3.17E+00
1.45E+01	-9.30E+01	2.03E+02	-2.69E-02	-3.19E+00
1.45E+01	-9.30E+01	2.03E+02	-2.44E-03	-3.19E+00
1.45E+01	-9.30E+01	2.03E+02	-3.05E-02	-3.19E+00
1.46E+01	-9.30E+01	2.02E+02	-3.17E-02	-3.21E+00
1.46E+01	-9.30E+01	2.03E+02	-1.46E-02	-3.20E+00
1.46E+01	-9.30E+01	2.03E+02	7.32E-03	-3.22E+00
1.46E+01	-9.30E+01	2.03E+02	-2.44E-02	-3.23E+00
1.46E+01	-9.30E+01	2.03E+02	-7.32E-03	-3.23E+00
1.47E+01	-9.30E+01	2.02E+02	-2.44E-02	-3.24E+00
1.47E+01	-9.30E+01	2.03E+02	-2.44E-03	-3.24E+00
1.47E+01	-9.30E+01	2.03E+02	-9.77E-03	-3.25E+00

1.47E+01	-9.30E+01	2.03E+02	-3.17E-02	-3.26E+00
1.47E+01	-9.30E+01	2.03E+02	-2.44E-03	-3.27E+00
1.48E+01	-9.30E+01	2.03E+02	-4.15E-02	-3.28E+00
1.48E+01	-9.30E+01	2.03E+02	-1.46E-02	-3.27E+00
1.48E+01	-9.30E+01	2.02E+02	-7.32E-03	-3.28E+00
1.48E+01	-9.30E+01	2.03E+02	-3.05E-02	-3.29E+00
1.48E+01	-9.30E+01	2.02E+02	-4.88E-03	-3.30E+00
1.49E+01	-9.30E+01	2.03E+02	-2.20E-02	-3.31E+00
1.49E+01	-9.30E+01	2.03E+02	-1.22E-02	-3.30E+00
1.49E+01	-9.30E+01	2.03E+02	-1.46E-02	-3.32E+00
1.49E+01	-9.30E+01	2.03E+02	-2.93E-02	-3.34E+00
1.49E+01	-9.30E+01	2.03E+02	-9.77E-03	-3.33E+00
1.50E+01	-9.30E+01	2.03E+02	-2.93E-02	-3.35E+00
1.50E+01	-9.30E+01	2.03E+02	-1.22E-02	-3.34E+00
1.50E+01	-9.30E+01	2.03E+02	1.34E-02	-3.35E+00
1.50E+01	-9.30E+01	2.03E+02	-2.69E-02	-3.36E+00
1.50E+01	-9.30E+01	2.03E+02	-9.77E-03	-3.36E+00
1.51E+01	-9.30E+01	2.03E+02	-9.77E-03	-3.37E+00
1.51E+01	-9.30E+01	2.03E+02	-4.15E-02	-3.38E+00
1.51E+01	-9.30E+01	2.03E+02	-7.32E-03	-3.38E+00
1.51E+01	-9.30E+01	2.03E+02	-1.22E-02	-3.39E+00
1.51E+01	-9.30E+01	2.03E+02	-2.69E-02	-3.39E+00
1.52E+01	-9.30E+01	2.03E+02	1.71E-02	-3.41E+00
1.52E+01	-9.30E+01	2.03E+02	-1.83E-02	-3.42E+00
1.52E+01	-9.30E+01	2.03E+02	-2.69E-02	-3.42E+00
1.52E+01	-9.30E+01	2.03E+02	-1.22E-02	-3.43E+00
1.52E+01	-9.30E+01	2.03E+02	9.77E-03	-3.44E+00
1.53E+01	-9.30E+01	2.03E+02	-9.77E-03	-3.44E+00
1.53E+01	-9.30E+01	2.04E+02	-2.93E-02	-3.46E+00
1.53E+01	-9.30E+01	2.04E+02	-2.69E-02	-3.46E+00
1.53E+01	-9.30E+01	2.04E+02	-7.32E-03	-3.46E+00
1.53E+01	-9.30E+01	2.04E+02	-2.20E-02	-3.47E+00
1.54E+01	-9.30E+01	2.04E+02	-2.44E-03	-3.47E+00
1.54E+01	-9.30E+01	2.04E+02	-1.71E-02	-3.49E+00
1.54E+01	-9.30E+01	2.04E+02	-2.44E-02	-3.49E+00
1.54E+01	-9.30E+01	2.04E+02	2.44E-03	-3.49E+00
1.54E+01	-9.30E+01	2.04E+02	-2.44E-02	-3.51E+00
1.55E+01	-9.30E+01	2.04E+02	-2.69E-02	-3.51E+00
1.55E+01	-9.30E+01	2.04E+02	-1.34E-02	-3.52E+00
1.55E+01	-9.30E+01	2.04E+02	-2.44E-02	-3.52E+00
1.55E+01	-9.30E+01	2.04E+02	-3.66E-03	-3.54E+00
1.55E+01	-9.30E+01	2.04E+02	-2.81E-02	-3.54E+00
1.56E+01	-9.30E+01	2.04E+02	-4.88E-03	-3.54E+00
1.56E+01	-9.30E+01	2.04E+02	-9.77E-03	-3.56E+00
1.56E+01	-9.30E+01	2.04E+02	-1.34E-02	-3.54E+00
1.56E+01	-9.30E+01	2.04E+02	-9.77E-03	-3.56E+00
1.56E+01	-9.30E+01	2.04E+02	-2.32E-02	-3.58E+00

1.57E+01	-9.30E+01	2.04E+02	-2.44E-02	-3.57E+00
1.57E+01	-9.30E+01	2.04E+02	0.00E+00	-3.59E+00
1.57E+01	-9.30E+01	2.04E+02	-2.56E-02	-3.59E+00
1.57E+01	-9.30E+01	2.04E+02	-3.66E-03	-3.59E+00
1.57E+01	-9.30E+01	2.04E+02	-1.46E-02	-3.61E+00
1.58E+01	-9.30E+01	2.04E+02	-2.69E-02	-3.62E+00
1.58E+01	-9.30E+01	2.04E+02	-1.46E-02	-3.62E+00
1.58E+01	-9.30E+01	2.04E+02	-1.95E-02	-3.63E+00
1.58E+01	-9.30E+01	2.04E+02	-1.71E-02	-3.63E+00
1.58E+01	-9.30E+01	2.04E+02	-4.15E-02	-3.66E+00
1.59E+01	-9.30E+01	2.04E+02	-1.83E-02	-3.64E+00
1.59E+01	-9.30E+01	2.04E+02	-1.95E-02	-3.66E+00
1.59E+01	-9.30E+01	2.04E+02	-2.93E-02	-3.66E+00
1.59E+01	-9.30E+01	2.04E+02	-1.10E-02	-3.67E+00
1.59E+01	-9.30E+01	2.04E+02	-2.08E-02	-3.68E+00
1.60E+01	-9.30E+01	2.04E+02	-2.08E-02	-3.67E+00
1.60E+01	-9.30E+01	2.04E+02	-1.22E-03	-3.69E+00
1.60E+01	-9.30E+01	2.04E+02	-3.42E-02	-3.71E+00
1.60E+01	-9.30E+01	2.04E+02	-9.77E-03	-3.70E+00
1.60E+01	-9.30E+01	2.04E+02	-2.69E-02	-3.71E+00
1.61E+01	-9.30E+01	2.04E+02	-7.32E-03	-3.72E+00
1.61E+01	-9.30E+01	2.04E+02	-1.10E-02	-3.72E+00
1.61E+01	-9.30E+01	2.04E+02	-2.20E-02	-3.73E+00
1.61E+01	-9.30E+01	2.04E+02	-1.46E-02	-3.73E+00
1.61E+01	-9.30E+01	2.04E+02	7.32E-03	-3.75E+00
1.62E+01	-9.30E+01	2.04E+02	-2.56E-02	-3.75E+00
1.62E+01	-9.30E+01	2.04E+02	-1.22E-02	-3.75E+00
1.62E+01	-9.30E+01	2.04E+02	-2.56E-02	-3.76E+00
1.62E+01	-9.30E+01	2.05E+02	-3.91E-02	-3.77E+00
1.62E+01	-9.30E+01	2.05E+02	-4.88E-03	-3.77E+00
1.63E+01	-9.30E+01	2.04E+02	-1.71E-02	-3.79E+00
1.63E+01	-9.30E+01	2.04E+02	-1.22E-02	-3.79E+00
1.63E+01	-9.30E+01	2.04E+02	-4.88E-02	-3.80E+00
1.63E+01	-9.30E+01	2.05E+02	-2.56E-02	-3.80E+00
1.63E+01	-9.30E+01	2.05E+02	-4.88E-03	-3.81E+00
1.64E+01	-9.30E+01	2.05E+02	-1.71E-02	-3.83E+00
1.64E+01	-9.30E+01	2.05E+02	1.83E-02	-3.81E+00
1.64E+01	-9.30E+01	2.05E+02	-1.95E-02	-3.83E+00
1.64E+01	-9.30E+01	2.05E+02	-2.93E-02	-3.83E+00
1.64E+01	-9.30E+01	2.05E+02	-6.10E-03	-3.85E+00
1.65E+01	-9.30E+01	2.05E+02	2.44E-03	-3.85E+00
1.65E+01	-9.30E+01	2.05E+02	-3.66E-03	-3.85E+00
1.65E+01	-9.30E+01	2.05E+02	-7.32E-03	-3.87E+00
1.65E+01	-9.30E+01	2.05E+02	-2.69E-02	-3.86E+00
1.65E+01	-9.30E+01	2.05E+02	-4.88E-03	-3.87E+00
1.66E+01	-9.30E+01	2.05E+02	-1.95E-02	-3.88E+00
1.66E+01	-9.30E+01	2.04E+02	-3.66E-03	-3.88E+00

1.66E+01	-9.30E+01	2.04E+02	0.00E+00	-3.91E+00
1.66E+01	-9.30E+01	2.05E+02	-2.44E-02	-3.90E+00
1.66E+01	-9.30E+01	2.05E+02	-9.77E-03	-3.91E+00
1.67E+01	-9.30E+01	2.04E+02	-1.46E-02	-3.93E+00
1.67E+01	-9.30E+01	2.05E+02	-9.77E-03	-3.93E+00
1.67E+01	-9.30E+01	2.04E+02	-9.77E-03	-3.93E+00
1.67E+01	-9.30E+01	2.04E+02	-3.42E-02	-3.94E+00
1.67E+01	-9.30E+01	2.04E+02	-1.83E-02	-3.94E+00
1.68E+01	-9.30E+01	2.04E+02	-2.20E-02	-3.94E+00
1.68E+01	-9.30E+01	2.05E+02	-1.95E-02	-3.95E+00
1.68E+01	-9.30E+01	2.04E+02	-9.77E-03	-3.97E+00
1.68E+01	-9.30E+01	2.04E+02	-3.54E-02	-3.98E+00
1.68E+01	-9.30E+01	2.04E+02	-1.95E-02	-3.97E+00
1.69E+01	-9.30E+01	2.04E+02	-2.93E-02	-3.99E+00
1.69E+01	-9.30E+01	2.04E+02	-7.32E-03	-3.99E+00
1.69E+01	-9.30E+01	2.04E+02	-1.22E-02	-4.00E+00
1.69E+01	-9.30E+01	2.05E+02	-4.15E-02	-4.00E+00
1.69E+01	-9.30E+01	2.04E+02	-1.34E-02	-4.01E+00
1.70E+01	-9.30E+01	2.05E+02	-1.95E-02	-4.02E+00
1.70E+01	-9.30E+01	2.04E+02	2.44E-03	-4.02E+00
1.70E+01	-9.30E+01	2.04E+02	-2.81E-02	-4.04E+00
1.70E+01	-9.30E+01	2.05E+02	-7.32E-03	-4.03E+00
1.70E+01	-9.30E+01	2.05E+02	-1.59E-02	-4.05E+00
1.71E+01	-9.30E+01	2.05E+02	-2.44E-03	-4.04E+00
1.71E+01	-9.30E+01	2.04E+02	-7.32E-03	-4.06E+00
1.71E+01	-9.30E+01	2.05E+02	-2.32E-02	-4.07E+00
1.71E+01	-9.30E+01	2.05E+02	0.00E+00	-4.07E+00
1.71E+01	-9.30E+01	2.05E+02	-7.32E-03	-4.08E+00
1.72E+01	-9.30E+01	2.05E+02	-2.44E-02	-4.09E+00
1.72E+01	-9.30E+01	2.05E+02	-2.44E-03	-4.09E+00
1.72E+01	-9.30E+01	2.05E+02	-2.44E-02	-4.10E+00
1.72E+01	-9.30E+01	2.05E+02	9.77E-03	-4.10E+00
1.72E+01	-9.30E+01	2.04E+02	-1.46E-02	-4.11E+00
1.73E+01	-9.30E+01	2.05E+02	-2.56E-02	-4.13E+00
1.73E+01	-9.30E+01	2.05E+02	-1.71E-02	-4.13E+00
1.73E+01	-9.30E+01	2.05E+02	-4.15E-02	-4.14E+00
1.73E+01	-9.30E+01	2.05E+02	-2.20E-02	-4.14E+00
1.73E+01	-9.30E+01	2.05E+02	-4.88E-03	-4.15E+00
1.74E+01	-9.30E+01	2.05E+02	-2.44E-02	-4.16E+00
1.74E+01	-9.30E+01	2.05E+02	1.10E-02	-4.15E+00
1.74E+01	-9.30E+01	2.05E+02	-2.44E-02	-4.18E+00
1.74E+01	-9.30E+01	2.05E+02	-1.71E-02	-4.17E+00
1.74E+01	-9.30E+01	2.05E+02	-7.32E-03	-4.18E+00
1.75E+01	-9.30E+01	2.05E+02	-1.95E-02	-4.19E+00
1.75E+01	-9.30E+01	2.05E+02	-4.88E-03	-4.19E+00
1.75E+01	-9.30E+01	2.05E+02	-1.95E-02	-4.20E+00
1.75E+01	-9.30E+01	2.06E+02	-1.46E-02	-4.21E+00

1.75E+01	-9.30E+01	2.05E+02	-1.83E-02	-4.20E+00
1.76E+01	-9.30E+01	2.06E+02	-2.69E-02	-4.23E+00
1.76E+01	-9.30E+01	2.06E+02	-1.34E-02	-4.22E+00
1.76E+01	-9.30E+01	2.06E+02	7.32E-03	-4.23E+00
1.76E+01	-9.30E+01	2.06E+02	-5.13E-02	-4.24E+00
1.76E+01	-9.30E+01	2.06E+02	-9.77E-03	-4.25E+00
1.77E+01	-9.30E+01	2.06E+02	-9.77E-03	-4.27E+00
1.77E+01	-9.30E+01	2.06E+02	-1.46E-02	-4.26E+00
1.77E+01	-9.30E+01	2.06E+02	-9.77E-03	-4.27E+00
1.77E+01	-9.30E+01	2.06E+02	-2.20E-02	-4.28E+00
1.77E+01	-9.30E+01	2.06E+02	-1.46E-02	-4.28E+00
1.78E+01	-9.30E+01	2.06E+02	-3.17E-02	-4.30E+00
1.78E+01	-9.30E+01	2.06E+02	-1.59E-02	-4.28E+00
1.78E+01	-9.30E+01	2.06E+02	-1.71E-02	-4.31E+00
1.78E+01	-9.30E+01	2.06E+02	-1.71E-02	-4.31E+00
1.78E+01	-9.30E+01	2.06E+02	-1.46E-02	-4.31E+00
1.79E+01	-9.30E+01	2.06E+02	-2.56E-02	-4.31E+00
1.79E+01	-9.30E+01	2.06E+02	-1.46E-02	-4.33E+00
1.79E+01	-9.30E+01	2.06E+02	-9.77E-03	-4.35E+00
1.79E+01	-9.30E+01	2.06E+02	0.00E+00	-4.34E+00
1.79E+01	-9.30E+01	2.06E+02	-1.22E-02	-4.34E+00
1.80E+01	-9.30E+01	2.06E+02	-1.95E-02	-4.37E+00
1.80E+01	-9.30E+01	2.06E+02	0.00E+00	-4.36E+00
1.80E+01	-9.30E+01	2.06E+02	-1.95E-02	-4.38E+00
1.80E+01	-9.30E+01	2.06E+02	-1.46E-02	-4.36E+00
1.80E+01	-9.30E+01	2.06E+02	-1.46E-02	-4.39E+00
1.81E+01	-9.30E+01	2.06E+02	-1.95E-02	-4.40E+00
1.81E+01	-9.30E+01	2.06E+02	-1.71E-02	-4.40E+00
1.81E+01	-9.30E+01	2.06E+02	-2.44E-02	-4.40E+00
1.81E+01	-9.30E+01	2.06E+02	-9.77E-03	-4.41E+00
1.81E+01	-9.30E+01	2.06E+02	-1.71E-02	-4.43E+00
1.82E+01	-9.30E+01	2.06E+02	-1.71E-02	-4.42E+00
1.82E+01	-9.30E+01	2.06E+02	-6.10E-03	-4.42E+00
1.82E+01	-9.30E+01	2.06E+02	-2.44E-02	-4.44E+00
1.82E+01	-9.30E+01	2.06E+02	-1.22E-02	-4.44E+00
1.82E+01	-9.30E+01	2.05E+02	3.66E-03	-4.45E+00
1.83E+01	-9.30E+01	2.05E+02	-2.44E-02	-4.46E+00
1.83E+01	-9.30E+01	2.05E+02	-6.10E-03	-4.47E+00
1.83E+01	-9.30E+01	2.06E+02	-3.17E-02	-4.48E+00
1.83E+01	-9.30E+01	2.05E+02	-1.46E-02	-4.49E+00
1.83E+01	-9.30E+01	2.06E+02	-1.71E-02	-4.49E+00
1.84E+01	-9.30E+01	2.06E+02	-1.46E-02	-4.49E+00
1.84E+01	-9.30E+01	2.05E+02	-7.32E-03	-4.50E+00
1.84E+01	-9.30E+01	2.05E+02	-2.44E-02	-4.51E+00
1.84E+01	-9.30E+01	2.05E+02	-2.44E-03	-4.51E+00
1.84E+01	-9.30E+01	2.05E+02	-2.69E-02	-4.52E+00
1.85E+01	-9.30E+01	2.05E+02	-7.32E-03	-4.53E+00

1.85E+01	-9.30E+01	2.06E+02	-2.44E-02	-4.53E+00
1.85E+01	-9.30E+01	2.06E+02	-1.71E-02	-4.54E+00
1.85E+01	-9.30E+01	2.05E+02	-7.32E-03	-4.55E+00
1.85E+01	-9.30E+01	2.06E+02	-2.20E-02	-4.56E+00
1.86E+01	-9.30E+01	2.05E+02	2.44E-03	-4.56E+00
1.86E+01	-9.30E+01	2.05E+02	-1.46E-02	-4.57E+00
1.86E+01	-9.30E+01	2.06E+02	-2.44E-02	-4.58E+00
1.86E+01	-9.30E+01	2.05E+02	-1.46E-02	-4.58E+00
1.86E+01	-9.30E+01	2.05E+02	2.44E-03	-4.59E+00
1.87E+01	-9.30E+01	2.05E+02	-9.77E-03	-4.59E+00
1.87E+01	-9.30E+01	2.05E+02	-1.95E-02	-4.61E+00
1.87E+01	-9.30E+01	2.05E+02	-1.95E-02	-4.61E+00
1.87E+01	-9.30E+01	2.05E+02	-2.69E-02	-4.63E+00
1.87E+01	-9.30E+01	2.05E+02	-2.69E-02	-4.63E+00
1.88E+01	-9.30E+01	2.05E+02	-1.59E-02	-4.63E+00
1.88E+01	-9.30E+01	2.05E+02	-2.44E-02	-4.65E+00
1.88E+01	-9.30E+01	2.06E+02	1.22E-03	-4.64E+00
1.88E+01	-9.30E+01	2.05E+02	-1.34E-02	-4.65E+00
1.88E+01	-9.30E+01	2.05E+02	-1.95E-02	-4.65E+00
1.89E+01	-9.30E+01	2.05E+02	-7.32E-03	-4.67E+00
1.89E+01	-9.30E+01	2.05E+02	7.32E-03	-4.68E+00
1.89E+01	-9.30E+01	2.05E+02	-2.93E-02	-4.68E+00
1.89E+01	-9.30E+01	2.05E+02	-1.71E-02	-4.68E+00
1.89E+01	-9.30E+01	2.05E+02	-2.20E-02	-4.70E+00
1.90E+01	-9.30E+01	2.05E+02	-3.66E-02	-4.70E+00
1.90E+01	-9.30E+01	2.05E+02	-7.32E-03	-4.71E+00
1.90E+01	-9.30E+01	2.05E+02	-2.44E-02	-4.71E+00
1.90E+01	-9.30E+01	2.06E+02	-2.44E-03	-4.73E+00
1.90E+01	-9.30E+01	2.06E+02	-6.35E-02	-4.73E+00
1.91E+01	-9.30E+01	2.05E+02	-7.32E-03	-4.73E+00
1.91E+01	-9.30E+01	2.06E+02	-2.44E-02	-4.75E+00
1.91E+01	-9.30E+01	2.06E+02	-1.95E-02	-4.75E+00
1.91E+01	-9.30E+01	2.05E+02	-3.66E-02	-4.76E+00
1.91E+01	-9.30E+01	2.05E+02	-2.93E-02	-4.77E+00
1.92E+01	-9.30E+01	2.05E+02	1.22E-03	-4.77E+00
1.92E+01	-9.30E+01	2.05E+02	-2.08E-02	-4.79E+00
1.92E+01	-9.30E+01	2.05E+02	-4.88E-03	-4.78E+00
1.92E+01	-9.30E+01	2.05E+02	-1.46E-02	-4.79E+00
1.92E+01	-9.30E+01	2.05E+02	-2.32E-02	-4.80E+00
1.93E+01	-9.30E+01	2.05E+02	-2.44E-03	-4.80E+00
1.93E+01	-9.30E+01	2.05E+02	-1.22E-02	-4.82E+00
1.93E+01	-9.30E+01	2.05E+02	-2.81E-02	-4.82E+00
1.93E+01	-9.30E+01	2.05E+02	-2.44E-03	-4.82E+00
1.93E+01	-9.30E+01	2.05E+02	-1.71E-02	-4.84E+00
1.94E+01	-9.30E+01	2.05E+02	-2.44E-03	-4.83E+00
1.94E+01	-9.30E+01	2.04E+02	-1.95E-02	-4.85E+00
1.94E+01	-9.30E+01	2.05E+02	-2.20E-02	-4.85E+00

1.94E+01	-9.30E+01	2.05E+02	-2.44E-03	-4.86E+00
1.94E+01	-9.30E+01	2.05E+02	0.00E+00	-4.87E+00
1.95E+01	-9.30E+01	2.05E+02	-1.71E-02	-4.88E+00
1.95E+01	-9.30E+01	2.05E+02	-2.32E-02	-4.89E+00
1.95E+01	-9.30E+01	2.05E+02	-2.20E-02	-4.88E+00
1.95E+01	-9.30E+01	2.05E+02	-6.10E-03	-4.89E+00
1.95E+01	-9.30E+01	2.05E+02	-2.44E-03	-4.92E+00
1.96E+01	-9.30E+01	2.05E+02	-9.77E-03	-4.90E+00
1.96E+01	-9.30E+01	2.05E+02	-1.71E-02	-4.92E+00
1.96E+01	-9.30E+01	2.04E+02	-3.42E-02	-4.92E+00
1.96E+01	-9.30E+01	2.04E+02	2.20E-02	-4.92E+00
1.96E+01	-9.30E+01	2.04E+02	-2.69E-02	-4.94E+00
1.97E+01	-9.30E+01	2.04E+02	-6.10E-03	-4.94E+00
1.97E+01	-9.30E+01	2.04E+02	-2.93E-02	-4.95E+00
1.97E+01	-9.30E+01	2.04E+02	-3.91E-02	-4.96E+00
1.97E+01	-9.30E+01	2.04E+02	-4.88E-03	-4.96E+00
1.97E+01	-9.30E+01	2.04E+02	-1.95E-02	-4.97E+00
1.98E+01	-9.30E+01	2.04E+02	-3.42E-02	-4.98E+00
1.98E+01	-9.30E+01	2.04E+02	3.66E-03	-4.97E+00
1.98E+01	-9.30E+01	2.04E+02	-2.93E-02	-4.99E+00
1.98E+01	-9.30E+01	2.04E+02	-1.10E-02	-4.99E+00
1.98E+01	-9.30E+01	2.04E+02	-3.17E-02	-5.01E+00
1.99E+01	-9.30E+01	2.04E+02	-2.20E-02	-5.00E+00
1.99E+01	-9.30E+01	2.04E+02	-9.77E-03	-5.02E+00
1.99E+01	-9.30E+01	2.04E+02	-2.44E-02	-5.02E+00
1.99E+01	-9.30E+01	2.04E+02	-1.34E-02	-5.03E+00
1.99E+01	-9.30E+01	2.04E+02	-1.46E-02	-5.04E+00
2.00E+01	-9.30E+01	2.04E+02	-1.46E-02	-5.04E+00
2.00E+01	-9.30E+01	2.04E+02	-1.34E-02	-5.05E+00
2.00E+01	-9.30E+01	2.04E+02	-1.95E-02	-5.06E+00
2.00E+01	-9.30E+01	2.04E+02	-2.81E-02	-5.06E+00
2.00E+01	-9.30E+01	2.04E+02	-1.46E-02	-5.08E+00
2.01E+01	-9.30E+01	2.04E+02	-1.95E-02	-5.08E+00
2.01E+01	-9.30E+01	2.04E+02	3.66E-03	-5.08E+00
2.01E+01	-9.30E+01	2.04E+02	-1.71E-02	-5.09E+00
2.01E+01	-9.30E+01	2.04E+02	-1.59E-02	-5.10E+00
2.01E+01	-9.30E+01	2.04E+02	-1.95E-02	-5.11E+00
2.02E+01	-9.30E+01	2.04E+02	-1.71E-02	-5.11E+00
2.02E+01	-9.30E+01	2.04E+02	-1.59E-02	-5.13E+00
2.02E+01	-9.30E+01	2.04E+02	-1.83E-02	-5.12E+00
2.02E+01	-9.30E+01	2.04E+02	-7.32E-03	-5.13E+00
2.02E+01	-9.30E+01	2.04E+02	-2.08E-02	-5.14E+00
2.03E+01	-9.30E+01	2.04E+02	-7.32E-03	-5.13E+00
2.03E+01	-9.30E+01	2.04E+02	-3.66E-03	-5.16E+00
2.03E+01	-9.30E+01	2.04E+02	-2.69E-02	-5.16E+00
2.03E+01	-9.30E+01	2.05E+02	-1.59E-02	-5.16E+00
2.03E+01	-9.30E+01	2.04E+02	-1.95E-02	-5.18E+00

2.04E+01	-9.30E+01	2.04E+02	4.88E-03	-5.19E+00
2.04E+01	-9.30E+01	2.04E+02	-1.22E-02	-5.18E+00
2.04E+01	-9.30E+01	2.04E+02	-2.20E-02	-5.20E+00
2.04E+01	-9.30E+01	2.04E+02	-1.46E-02	-5.20E+00
2.04E+01	-9.30E+01	2.04E+02	-2.44E-02	-5.22E+00
2.05E+01	-9.30E+01	2.04E+02	-4.88E-03	-5.21E+00
2.05E+01	-9.30E+01	2.04E+02	-1.71E-02	-5.22E+00
2.05E+01	-9.30E+01	2.04E+02	-1.10E-02	-5.22E+00
2.05E+01	-9.30E+01	2.04E+02	9.77E-03	-5.24E+00
2.05E+01	-9.30E+01	2.04E+02	-1.95E-02	-5.24E+00
2.06E+01	-9.30E+01	2.04E+02	-2.44E-03	-5.25E+00
2.06E+01	-9.30E+01	2.04E+02	-2.93E-02	-5.26E+00
2.06E+01	-9.30E+01	2.04E+02	-3.17E-02	-5.26E+00
2.06E+01	-9.30E+01	2.04E+02	-7.32E-03	-5.26E+00
2.06E+01	-9.30E+01	2.04E+02	-9.77E-03	-5.28E+00
2.07E+01	-9.30E+01	2.04E+02	2.44E-03	-5.27E+00
2.07E+01	-9.30E+01	2.04E+02	-3.17E-02	-5.28E+00
2.07E+01	-9.30E+01	2.04E+02	8.54E-03	-5.29E+00
2.07E+01	-9.30E+01	2.04E+02	4.88E-03	-5.30E+00
2.07E+01	-9.30E+01	2.04E+02	-3.54E-02	-5.31E+00
2.08E+01	-9.30E+01	2.04E+02	-1.22E-02	-5.30E+00
2.08E+01	-9.30E+01	2.04E+02	-5.62E-02	-5.33E+00
2.08E+01	-9.30E+01	2.04E+02	-9.77E-03	-5.32E+00
2.08E+01	-9.30E+01	2.04E+02	-1.95E-02	-5.35E+00
2.08E+01	-9.30E+01	2.04E+02	-2.32E-02	-5.34E+00
2.09E+01	-9.30E+01	2.04E+02	-2.44E-02	-5.35E+00
2.09E+01	-9.30E+01	2.04E+02	-2.20E-02	-5.36E+00
2.09E+01	-9.30E+01	2.04E+02	-1.83E-02	-5.36E+00
2.09E+01	-9.30E+01	2.04E+02	-2.20E-02	-5.38E+00
2.09E+01	-9.30E+01	2.04E+02	-4.88E-03	-5.37E+00
2.10E+01	-9.30E+01	2.03E+02	-1.46E-02	-5.38E+00
2.10E+01	-9.30E+01	2.04E+02	-1.95E-02	-5.39E+00
2.10E+01	-9.30E+01	2.03E+02	-1.83E-02	-5.39E+00
2.10E+01	-9.30E+01	2.04E+02	-4.64E-02	-5.40E+00
2.10E+01	-9.30E+01	2.03E+02	-4.88E-03	-5.42E+00
2.11E+01	-9.30E+01	2.03E+02	-2.44E-02	-5.43E+00
2.11E+01	-9.30E+01	2.03E+02	-2.20E-02	-5.41E+00
2.11E+01	-9.30E+01	2.03E+02	-1.83E-02	-5.44E+00
2.11E+01	-9.30E+01	2.04E+02	-2.08E-02	-5.43E+00
2.11E+01	-9.30E+01	2.03E+02	-4.88E-03	-5.44E+00
2.12E+01	-9.30E+01	2.03E+02	-2.56E-02	-5.45E+00
2.12E+01	-9.30E+01	2.03E+02	0.00E+00	-5.46E+00
2.12E+01	-9.30E+01	2.03E+02	7.32E-03	-5.47E+00
2.12E+01	-9.30E+01	2.03E+02	-2.08E-02	-5.48E+00
2.12E+01	-9.30E+01	2.03E+02	-4.88E-03	-5.47E+00
2.13E+01	-9.30E+01	2.03E+02	-3.91E-02	-5.49E+00
2.13E+01	-9.30E+01	2.03E+02	-2.81E-02	-5.49E+00

2.13E+01	-9.30E+01	2.02E+02	-7.32E-03	-5.50E+00
2.13E+01	-9.30E+01	2.03E+02	-2.20E-02	-5.51E+00
2.13E+01	-9.30E+01	2.02E+02	-1.22E-02	-5.51E+00
2.14E+01	-9.30E+01	2.02E+02	-1.83E-02	-5.52E+00
2.14E+01	-9.30E+01	2.02E+02	-8.54E-03	-5.52E+00
2.14E+01	-9.30E+01	2.02E+02	-1.95E-02	-5.54E+00
2.14E+01	-9.30E+01	2.02E+02	-2.81E-02	-5.54E+00
2.14E+01	-9.30E+01	2.02E+02	-1.10E-02	-5.56E+00
2.15E+01	-9.30E+01	2.02E+02	-5.13E-02	-5.56E+00
2.15E+01	-9.30E+01	2.02E+02	-1.34E-02	-5.56E+00
2.15E+01	-9.30E+01	2.01E+02	-1.95E-02	-5.58E+00
2.15E+01	-9.30E+01	2.02E+02	-2.44E-02	-5.57E+00
2.15E+01	-9.30E+01	2.02E+02	-2.20E-02	-5.60E+00
2.16E+01	-9.30E+01	2.02E+02	-2.32E-02	-5.59E+00
2.16E+01	-9.30E+01	2.01E+02	-2.44E-03	-5.60E+00
2.16E+01	-9.30E+01	2.01E+02	-1.46E-02	-5.61E+00
2.16E+01	-9.30E+01	2.01E+02	4.88E-03	-5.62E+00
2.16E+01	-9.30E+01	2.01E+02	-1.71E-02	-5.62E+00
2.17E+01	-9.30E+01	2.01E+02	-2.69E-02	-5.63E+00
2.17E+01	-9.30E+01	2.01E+02	-1.71E-02	-5.63E+00
2.17E+01	-9.30E+01	2.01E+02	-1.22E-02	-5.64E+00
2.17E+01	-9.30E+01	2.00E+02	-3.91E-02	-5.64E+00
2.17E+01	-9.30E+01	2.00E+02	-7.32E-03	-5.66E+00
2.18E+01	-9.30E+01	2.00E+02	-1.34E-02	-5.66E+00
2.18E+01	-9.30E+01	2.00E+02	-1.22E-03	-5.65E+00
2.18E+01	-9.30E+01	2.00E+02	-1.34E-02	-5.68E+00
2.18E+01	-9.30E+01	2.00E+02	-4.88E-03	-5.68E+00
2.18E+01	-9.30E+01	2.00E+02	-2.69E-02	-5.69E+00
2.19E+01	-9.30E+01	2.00E+02	-4.15E-02	-5.69E+00
2.19E+01	-9.30E+01	2.00E+02	2.20E-02	-5.70E+00
2.19E+01	-9.30E+01	2.00E+02	-1.59E-02	-5.71E+00
2.19E+01	-9.30E+01	2.00E+02	-7.32E-03	-5.72E+00
2.19E+01	-9.30E+01	1.99E+02	-2.08E-02	-5.71E+00
2.20E+01	-9.30E+01	2.00E+02	-2.08E-02	-5.74E+00
2.20E+01	-9.30E+01	2.00E+02	-1.59E-02	-5.74E+00
2.20E+01	-9.30E+01	1.99E+02	1.22E-03	-5.75E+00
2.20E+01	-9.30E+01	2.00E+02	-2.69E-02	-5.76E+00
2.20E+01	-9.30E+01	1.99E+02	-3.05E-02	-5.75E+00
2.21E+01	-9.30E+01	1.99E+02	-1.95E-02	-5.77E+00
2.21E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.77E+00
2.21E+01	-9.30E+01	1.99E+02	-4.88E-03	-5.78E+00
2.21E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.78E+00
2.21E+01	-9.30E+01	1.99E+02	-7.32E-03	-5.79E+00
2.22E+01	-9.30E+01	1.99E+02	-2.44E-02	-5.80E+00
2.22E+01	-9.30E+01	1.99E+02	-2.93E-02	-5.81E+00
2.22E+01	-9.30E+01	1.99E+02	-2.69E-02	-5.81E+00
2.22E+01	-9.30E+01	1.99E+02	-2.93E-02	-5.83E+00

2.22E+01	-9.30E+01	1.99E+02	-2.44E-03	-5.82E+00
2.23E+01	-9.30E+01	1.99E+02	-3.42E-02	-5.84E+00
2.23E+01	-9.30E+01	1.99E+02	-2.44E-02	-5.83E+00
2.23E+01	-9.30E+01	1.98E+02	-1.83E-02	-5.85E+00
2.23E+01	-9.30E+01	1.99E+02	-1.95E-02	-5.85E+00
2.23E+01	-9.30E+01	1.98E+02	-2.44E-02	-5.87E+00
2.24E+01	-9.30E+01	1.98E+02	-3.66E-02	-5.88E+00
2.24E+01	-9.30E+01	1.98E+02	-9.77E-03	-5.88E+00
2.24E+01	-9.30E+01	1.98E+02	-3.05E-02	-5.89E+00
2.24E+01	-9.30E+01	1.98E+02	-1.10E-02	-5.89E+00
2.24E+01	-9.30E+01	1.98E+02	-3.05E-02	-5.91E+00
2.25E+01	-9.30E+01	1.98E+02	-7.32E-03	-5.90E+00
2.25E+01	-9.30E+01	1.98E+02	-1.10E-02	-5.91E+00
2.25E+01	-9.30E+01	1.98E+02	-1.83E-02	-5.92E+00
2.25E+01	-9.30E+01	1.98E+02	-1.22E-02	-5.92E+00
2.25E+01	-9.30E+01	1.98E+02	-3.54E-02	-5.95E+00
2.26E+01	-9.30E+01	1.98E+02	-4.88E-03	-5.94E+00
2.26E+01	-9.30E+01	1.98E+02	-1.83E-02	-5.95E+00
2.26E+01	-9.30E+01	1.98E+02	-2.32E-02	-5.95E+00
2.26E+01	-9.30E+01	1.98E+02	-2.56E-02	-5.96E+00
2.26E+01	-9.30E+01	1.98E+02	-1.83E-02	-5.97E+00
2.27E+01	-9.30E+01	1.98E+02	-8.54E-03	-5.97E+00
2.27E+01	-9.30E+01	1.98E+02	-1.22E-02	-5.98E+00
2.27E+01	-9.30E+01	1.98E+02	1.95E-02	-5.98E+00
2.27E+01	-9.30E+01	1.98E+02	-2.44E-02	-6.00E+00
2.27E+01	-9.30E+01	1.97E+02	-1.22E-02	-6.00E+00
2.28E+01	-9.30E+01	1.98E+02	-1.83E-02	-6.02E+00
2.28E+01	-9.30E+01	1.98E+02	0.00E+00	-6.03E+00
2.28E+01	-9.30E+01	1.98E+02	-1.10E-02	-6.02E+00
2.28E+01	-9.30E+01	1.98E+02	-2.08E-02	-6.03E+00
2.28E+01	-9.30E+01	1.97E+02	-2.44E-02	-6.03E+00
2.29E+01	-9.30E+01	1.98E+02	-7.32E-03	-6.03E+00
2.29E+01	-9.30E+01	1.98E+02	-3.54E-02	-6.05E+00
2.29E+01	-9.30E+01	1.98E+02	-4.88E-03	-6.05E+00
2.29E+01	-9.30E+01	1.98E+02	-1.59E-02	-6.07E+00
2.29E+01	-9.30E+01	1.98E+02	-9.77E-03	-6.07E+00
2.30E+01	-9.30E+01	1.98E+02	-3.54E-02	-6.08E+00
2.30E+01	-9.30E+01	1.98E+02	-2.44E-02	-6.09E+00
2.30E+01	-9.30E+01	1.98E+02	-1.95E-02	-6.09E+00
2.30E+01	-9.30E+01	1.98E+02	-1.95E-02	-6.10E+00
2.30E+01	-9.30E+01	1.98E+02	-4.03E-02	-6.11E+00
2.31E+01	-9.30E+01	1.98E+02	-1.22E-02	-6.11E+00
2.31E+01	-9.30E+01	1.98E+02	-1.22E-02	-6.12E+00
2.31E+01	-9.30E+01	1.98E+02	-1.71E-02	-6.12E+00
2.31E+01	-9.30E+01	1.98E+02	1.34E-02	-6.12E+00
2.31E+01	-9.30E+01	1.98E+02	-3.05E-02	-6.14E+00
2.32E+01	-9.30E+01	1.98E+02	-7.32E-03	-6.15E+00

2.32E+01	-9.30E+01	1.98E+02	-2.93E-02	-6.16E+00
2.32E+01	-9.30E+01	1.98E+02	-2.08E-02	-6.17E+00
2.32E+01	-9.30E+01	1.98E+02	-1.10E-02	-6.17E+00
2.32E+01	-9.30E+01	1.98E+02	-2.69E-02	-6.18E+00
2.33E+01	-9.30E+01	1.98E+02	-1.71E-02	-6.18E+00
2.33E+01	-9.30E+01	1.99E+02	-1.46E-02	-6.20E+00
2.33E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.19E+00
2.33E+01	-9.30E+01	1.98E+02	-1.34E-02	-6.21E+00
2.33E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.21E+00
2.34E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.21E+00
2.34E+01	-9.30E+01	1.99E+02	4.88E-03	-6.22E+00
2.34E+01	-9.30E+01	1.99E+02	-2.44E-03	-6.23E+00
2.34E+01	-9.30E+01	1.99E+02	-1.95E-02	-6.25E+00
2.34E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.24E+00
2.35E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.25E+00
2.35E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.26E+00
2.35E+01	-9.30E+01	1.99E+02	-1.95E-02	-6.26E+00
2.35E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.28E+00
2.35E+01	-9.30E+01	2.00E+02	-3.91E-02	-6.28E+00
2.36E+01	-9.30E+01	2.00E+02	-1.71E-02	-6.29E+00
2.36E+01	-9.30E+01	2.00E+02	-2.93E-02	-6.29E+00
2.36E+01	-9.30E+01	2.00E+02	-8.54E-03	-6.29E+00
2.36E+01	-9.30E+01	2.00E+02	-6.10E-03	-6.31E+00
2.36E+01	-9.30E+01	2.00E+02	-1.22E-02	-6.31E+00
2.37E+01	-9.30E+01	2.00E+02	-1.95E-02	-6.33E+00
2.37E+01	-9.30E+01	2.00E+02	-2.69E-02	-6.33E+00
2.37E+01	-9.30E+01	2.01E+02	-1.22E-02	-6.34E+00
2.37E+01	-9.30E+01	2.01E+02	-2.44E-02	-6.35E+00
2.37E+01	-9.30E+01	2.01E+02	-1.22E-02	-6.34E+00
2.38E+01	-9.30E+01	2.01E+02	-7.32E-03	-6.36E+00
2.38E+01	-9.30E+01	2.01E+02	-2.32E-02	-6.37E+00
2.38E+01	-9.30E+01	2.01E+02	-7.32E-03	-6.36E+00
2.38E+01	-9.30E+01	2.01E+02	-1.46E-02	-6.38E+00
2.38E+01	-9.30E+01	2.01E+02	-1.59E-02	-6.38E+00
2.39E+01	-9.30E+01	2.01E+02	-3.66E-02	-6.40E+00
2.39E+01	-9.30E+01	2.01E+02	-2.56E-02	-6.38E+00
2.39E+01	-9.30E+01	2.01E+02	-1.46E-02	-6.40E+00
2.39E+01	-9.30E+01	2.01E+02	-2.56E-02	-6.41E+00
2.39E+01	-9.30E+01	2.01E+02	-2.56E-02	-6.42E+00
2.40E+01	-9.30E+01	2.01E+02	-3.30E-02	-6.44E+00
2.40E+01	-9.30E+01	2.01E+02	-2.44E-02	-6.44E+00
2.40E+01	-9.30E+01	2.01E+02	-1.59E-02	-6.43E+00
2.40E+01	-9.30E+01	2.02E+02	-3.66E-03	-6.45E+00
2.40E+01	-9.30E+01	2.01E+02	-2.44E-03	-6.46E+00
2.41E+01	-9.30E+01	2.02E+02	-1.22E-02	-6.45E+00
2.41E+01	-9.30E+01	2.02E+02	-1.46E-02	-6.47E+00
2.41E+01	-9.30E+01	2.02E+02	-1.22E-02	-6.47E+00

2.41E+01	-9.30E+01	2.02E+02	-2.44E-03	-6.49E+00
2.41E+01	-9.30E+01	2.02E+02	-2.93E-02	-6.49E+00
2.42E+01	-9.30E+01	2.02E+02	-9.77E-03	-6.49E+00
2.42E+01	-9.30E+01	2.02E+02	-1.46E-02	-6.51E+00
2.42E+01	-9.30E+01	2.02E+02	-3.17E-02	-6.53E+00
2.42E+01	-9.30E+01	2.02E+02	-1.71E-02	-6.50E+00
2.42E+01	-9.30E+01	2.02E+02	-1.34E-02	-6.53E+00
2.43E+01	-9.30E+01	2.03E+02	-2.44E-02	-6.53E+00
2.43E+01	-9.30E+01	2.02E+02	-9.77E-03	-6.55E+00
2.43E+01	-9.30E+01	2.02E+02	-1.59E-02	-6.54E+00
2.43E+01	-9.30E+01	2.02E+02	-3.17E-02	-6.55E+00
2.43E+01	-9.30E+01	2.02E+02	-1.95E-02	-6.56E+00
2.44E+01	-9.30E+01	2.03E+02	-1.95E-02	-6.57E+00
2.44E+01	-9.30E+01	2.03E+02	-1.22E-02	-6.58E+00
2.44E+01	-9.30E+01	2.03E+02	-3.91E-02	-6.58E+00
2.44E+01	-9.30E+01	2.03E+02	-2.69E-02	-6.59E+00
2.44E+01	-9.30E+01	2.03E+02	-1.71E-02	-6.60E+00
2.45E+01	-9.30E+01	2.03E+02	-3.17E-02	-6.60E+00
2.45E+01	-9.30E+01	2.03E+02	-8.54E-03	-6.59E+00
2.45E+01	-9.30E+01	2.03E+02	-1.34E-02	-6.62E+00
2.45E+01	-9.30E+01	2.03E+02	-1.34E-02	-6.62E+00
2.45E+01	-9.30E+01	2.03E+02	-4.88E-03	-6.63E+00
2.46E+01	-9.30E+01	2.03E+02	-4.88E-02	-6.63E+00
2.46E+01	-9.30E+01	2.03E+02	-1.34E-02	-6.64E+00
2.46E+01	-9.30E+01	2.03E+02	-9.77E-03	-6.65E+00
2.46E+01	-9.30E+01	2.03E+02	-1.71E-02	-6.65E+00
2.46E+01	-9.30E+01	2.03E+02	-1.22E-02	-6.66E+00
2.47E+01	-9.30E+01	2.03E+02	-2.20E-02	-6.68E+00
2.47E+01	-9.30E+01	2.04E+02	-1.95E-02	-6.68E+00
2.47E+01	-9.30E+01	2.03E+02	-1.95E-02	-6.69E+00
2.47E+01	-9.30E+01	2.04E+02	-4.27E-02	-6.69E+00
2.47E+01	-9.30E+01	2.04E+02	-1.34E-02	-6.69E+00
2.48E+01	-9.30E+01	2.04E+02	-1.71E-02	-6.71E+00
2.48E+01	-9.30E+01	2.04E+02	-2.69E-02	-6.72E+00
2.48E+01	-9.30E+01	2.04E+02	-1.83E-02	-6.72E+00
2.48E+01	-9.30E+01	2.04E+02	-2.56E-02	-6.72E+00
2.48E+01	-9.30E+01	2.04E+02	-9.77E-03	-6.73E+00
2.49E+01	-9.30E+01	2.03E+02	-2.81E-02	-6.74E+00
2.49E+01	-9.30E+01	2.03E+02	2.44E-03	-6.74E+00
2.49E+01	-9.30E+01	2.03E+02	-9.77E-03	-6.77E+00
2.49E+01	-9.30E+01	2.03E+02	-2.20E-02	-6.77E+00
2.49E+01	-9.30E+01	2.03E+02	-9.77E-03	-6.76E+00
2.50E+01	-9.30E+01	2.03E+02	-1.10E-02	-6.78E+00
2.50E+01	-9.30E+01	2.03E+02	1.34E-02	-6.78E+00
2.50E+01	-9.30E+01	2.03E+02	-8.54E-03	-6.79E+00
2.50E+01	-9.30E+01	2.03E+02	-3.30E-02	-6.79E+00
2.50E+01	-9.30E+01	2.03E+02	1.10E-02	-6.80E+00

2.51E+01	-9.30E+01	2.03E+02	-9.77E-03	-6.81E+00
2.51E+01	-9.30E+01	2.03E+02	-1.10E-02	-6.81E+00
2.51E+01	-9.30E+01	2.03E+02	-2.20E-02	-6.83E+00
2.51E+01	-9.30E+01	2.03E+02	-2.69E-02	-6.83E+00
2.51E+01	-9.30E+01	2.03E+02	1.22E-02	-6.83E+00
2.52E+01	-9.30E+01	2.03E+02	-2.69E-02	-6.85E+00
2.52E+01	-9.30E+01	2.03E+02	-2.08E-02	-6.85E+00
2.52E+01	-9.30E+01	2.03E+02	-2.32E-02	-6.86E+00
2.52E+01	-9.30E+01	2.03E+02	-3.66E-02	-6.88E+00
2.52E+01	-9.30E+01	2.03E+02	-4.88E-03	-6.88E+00
2.53E+01	-9.30E+01	2.03E+02	-2.32E-02	-6.88E+00
2.53E+01	-9.30E+01	2.03E+02	-2.44E-02	-6.88E+00
2.53E+01	-9.30E+01	2.03E+02	-1.95E-02	-6.89E+00
2.53E+01	-9.30E+01	2.03E+02	-3.66E-02	-6.90E+00
2.53E+01	-9.30E+01	2.02E+02	-2.69E-02	-6.90E+00
2.54E+01	-9.30E+01	2.03E+02	-2.32E-02	-6.92E+00
2.54E+01	-9.30E+01	2.03E+02	-2.69E-02	-6.92E+00
2.54E+01	-9.30E+01	2.02E+02	-1.95E-02	-6.93E+00
2.54E+01	-9.30E+01	2.03E+02	-2.93E-02	-6.94E+00
2.54E+01	-9.30E+01	2.02E+02	0.00E+00	-6.94E+00
2.55E+01	-9.30E+01	2.03E+02	-2.56E-02	-6.95E+00
2.55E+01	-9.30E+01	2.02E+02	-3.66E-03	-6.95E+00
2.55E+01	-9.30E+01	2.03E+02	-2.93E-02	-6.97E+00
2.55E+01	-9.30E+01	2.02E+02	-1.71E-02	-6.96E+00
2.55E+01	-9.30E+01	2.02E+02	-1.10E-02	-6.98E+00
2.56E+01	-9.30E+01	2.03E+02	-2.44E-02	-6.98E+00
2.56E+01	-9.30E+01	2.03E+02	4.88E-03	-6.99E+00
2.56E+01	-9.30E+01	2.02E+02	-1.71E-02	-6.99E+00
2.56E+01	-9.30E+01	2.03E+02	-1.46E-02	-7.00E+00
2.56E+01	-9.30E+01	2.02E+02	-1.71E-02	-7.02E+00
2.57E+01	-9.30E+01	2.03E+02	-1.71E-02	-7.01E+00
2.57E+01	-9.30E+01	2.03E+02	-3.66E-02	-7.02E+00
2.57E+01	-9.30E+01	2.03E+02	-2.81E-02	-7.03E+00
2.57E+01	-9.30E+01	2.03E+02	-1.10E-02	-7.03E+00
2.57E+01	-9.30E+01	2.02E+02	-4.88E-03	-7.05E+00
2.58E+01	-9.30E+01	2.03E+02	-4.15E-02	-7.05E+00
2.58E+01	-9.30E+01	2.03E+02	-7.32E-03	-7.05E+00
2.58E+01	-9.30E+01	2.03E+02	-2.44E-02	-7.07E+00
2.58E+01	-9.30E+01	2.03E+02	0.00E+00	-7.07E+00
2.58E+01	-9.30E+01	2.03E+02	-1.71E-02	-7.07E+00
2.59E+01	-9.30E+01	2.03E+02	-1.22E-02	-7.08E+00
2.59E+01	-9.30E+01	2.03E+02	-1.34E-02	-7.10E+00
2.59E+01	-9.30E+01	2.03E+02	-1.22E-02	-7.10E+00
2.59E+01	-9.30E+01	2.02E+02	-2.44E-03	-7.10E+00
2.59E+01	-9.30E+01	2.01E+02	-2.56E-02	-7.11E+00
2.60E+01	-9.30E+01	2.01E+02	-1.59E-02	-7.10E+00
2.60E+01	-9.30E+01	1.99E+02	-1.22E-02	-7.11E+00

2.60E+01	-9.30E+01	1.95E+02	-2.69E-02	-7.11E+00
2.60E+01	-9.30E+01	1.90E+02	-2.93E-02	-7.09E+00
2.60E+01	-9.30E+01	1.85E+02	-2.44E-02	-7.11E+00
2.61E+01	-9.30E+01	1.81E+02	-1.34E-02	-7.10E+00
2.61E+01	-9.30E+01	1.80E+02	-9.77E-03	-7.11E+00
2.61E+01	-9.30E+01	1.81E+02	-1.10E-02	-7.10E+00
2.61E+01	-9.30E+01	1.84E+02	2.20E-02	-7.10E+00
2.61E+01	-9.30E+01	1.88E+02	-2.69E-02	-7.10E+00
2.62E+01	-9.30E+01	1.91E+02	-1.46E-02	-7.10E+00
2.62E+01	-9.30E+01	1.90E+02	-2.08E-02	-7.10E+00
2.62E+01	-9.30E+01	1.87E+02	1.59E-02	-7.10E+00
2.62E+01	-9.30E+01	1.84E+02	-1.83E-02	-7.10E+00
2.62E+01	-9.30E+01	1.84E+02	-1.22E-02	-7.09E+00
2.63E+01	-9.30E+01	1.83E+02	-6.10E-03	-7.09E+00
2.63E+01	-9.30E+01	1.82E+02	-3.91E-02	-7.10E+00
2.63E+01	-9.30E+01	1.81E+02	-1.22E-02	-7.09E+00
2.63E+01	-9.30E+01	1.81E+02	-2.69E-02	-7.10E+00
2.63E+01	-9.30E+01	1.81E+02	-2.20E-02	-7.09E+00
2.64E+01	-9.30E+01	1.81E+02	-2.44E-03	-7.09E+00
2.64E+01	-9.30E+01	1.80E+02	-2.56E-02	-7.10E+00
2.64E+01	-9.30E+01	1.80E+02	-8.54E-03	-7.09E+00
2.64E+01	-9.30E+01	1.80E+02	-1.71E-02	-7.10E+00
2.64E+01	-9.30E+01	1.80E+02	-5.62E-02	-7.08E+00
2.65E+01	-9.30E+01	1.80E+02	-2.44E-03	-7.08E+00
2.65E+01	-9.30E+01	1.80E+02	-2.44E-02	-7.09E+00
2.65E+01	-9.30E+01	1.80E+02	-1.46E-02	-7.07E+00
2.65E+01	-9.30E+01	1.80E+02	-2.44E-02	-7.08E+00
2.65E+01	-9.30E+01	1.80E+02	-2.08E-02	-7.08E+00
2.66E+01	-9.30E+01	1.80E+02	-3.66E-03	-7.07E+00
2.66E+01	-9.30E+01	1.80E+02	-2.56E-02	-7.08E+00
2.66E+01	-9.30E+01	1.80E+02	-2.44E-02	-7.07E+00
2.66E+01	-9.30E+01	1.80E+02	-1.95E-02	-7.07E+00
2.66E+01	-9.30E+01	1.80E+02	-1.95E-02	-7.07E+00
2.67E+01	-9.30E+01	1.80E+02	-7.32E-03	-7.06E+00
2.67E+01	-9.30E+01	1.80E+02	-1.71E-02	-7.07E+00
2.67E+01	-9.30E+01	1.80E+02	-2.69E-02	-7.06E+00
2.67E+01	-9.30E+01	1.80E+02	-2.20E-02	-7.06E+00
2.67E+01	-9.30E+01	1.80E+02	-2.44E-02	-7.06E+00
2.68E+01	-9.30E+01	1.80E+02	-1.22E-02	-7.06E+00
2.68E+01	-9.30E+01	1.80E+02	-1.22E-02	-7.06E+00
2.68E+01	-9.30E+01	1.80E+02	-1.22E-02	-7.06E+00
2.68E+01	-9.30E+01	1.80E+02	-7.32E-03	-7.06E+00
2.68E+01	-9.30E+01	1.80E+02	-2.56E-02	-7.05E+00
2.69E+01	-9.30E+01	1.80E+02	2.44E-03	-7.05E+00
2.69E+01	-9.30E+01	1.80E+02	-2.44E-02	-7.06E+00
2.69E+01	-9.30E+01	1.80E+02	-3.66E-02	-7.04E+00
2.69E+01	-9.30E+01	1.80E+02	-1.59E-02	-7.05E+00

2.69E+01	-9.30E+01	1.80E+02	-2.93E-02	-7.05E+00
2.70E+01	-9.30E+01	1.80E+02	-1.46E-02	-7.05E+00
2.70E+01	-9.30E+01	1.80E+02	-3.91E-02	-7.05E+00
2.70E+01	-9.30E+01	1.80E+02	-8.54E-03	-7.04E+00
2.70E+01	-9.30E+01	1.80E+02	-2.93E-02	-7.05E+00
2.70E+01	-9.30E+01	1.80E+02	-1.95E-02	-7.04E+00
2.71E+01	-9.30E+01	1.80E+02	-1.95E-02	-7.04E+00
2.71E+01	-9.30E+01	1.80E+02	-2.20E-02	-7.03E+00
2.71E+01	-9.30E+01	1.80E+02	-1.10E-02	-7.03E+00
2.71E+01	-9.30E+01	1.80E+02	-3.17E-02	-7.03E+00
2.71E+01	-9.30E+01	1.80E+02	1.10E-02	-7.03E+00
2.72E+01	-9.30E+01	1.80E+02	-2.20E-02	-7.05E+00
2.72E+01	-9.30E+01	1.80E+02	-1.22E-02	-7.02E+00
2.72E+01	-9.30E+01	1.80E+02	-1.22E-02	-7.03E+00
2.72E+01	-9.30E+01	1.80E+02	-2.44E-02	-7.03E+00
2.72E+01	-9.30E+01	1.79E+02	-7.32E-03	-7.01E+00
2.73E+01	-9.30E+01	1.80E+02	-2.44E-02	-7.02E+00
2.73E+01	-9.30E+01	1.80E+02	-1.95E-02	-7.02E+00
2.73E+01	-9.30E+01	1.79E+02	1.22E-02	-7.01E+00
2.73E+01	-9.30E+01	1.80E+02	-3.66E-02	-7.01E+00
2.73E+01	-9.30E+01	1.80E+02	-9.77E-03	-7.01E+00
2.74E+01	-9.30E+01	1.79E+02	-2.20E-02	-7.01E+00
2.74E+01	-9.30E+01	1.80E+02	-4.88E-03	-7.00E+00
2.74E+01	-9.30E+01	1.79E+02	2.69E-02	-6.99E+00
2.74E+01	-9.30E+01	1.80E+02	-3.17E-02	-7.01E+00
2.74E+01	-9.30E+01	1.79E+02	-1.59E-02	-7.00E+00
2.75E+01	-9.30E+01	1.79E+02	-1.95E-02	-7.01E+00
2.75E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.99E+00
2.75E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.99E+00
2.75E+01	-9.30E+01	1.79E+02	-2.08E-02	-7.00E+00
2.75E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.99E+00
2.76E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.99E+00
2.76E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.99E+00
2.76E+01	-9.30E+01	1.79E+02	-8.54E-03	-6.98E+00
2.76E+01	-9.30E+01	1.79E+02	-1.22E-02	-7.00E+00
2.76E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.97E+00
2.77E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.98E+00
2.77E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.98E+00
2.77E+01	-9.30E+01	1.79E+02	-3.66E-03	-6.98E+00
2.77E+01	-9.30E+01	1.79E+02	-4.27E-02	-6.98E+00
2.77E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.97E+00
2.78E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.98E+00
2.78E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.97E+00
2.78E+01	-9.30E+01	1.79E+02	3.66E-03	-6.96E+00
2.78E+01	-9.30E+01	1.79E+02	-3.66E-03	-6.97E+00
2.78E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.97E+00
2.79E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.97E+00

2.79E+01	-9.30E+01	1.79E+02	-1.59E-02	-6.96E+00
2.79E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.95E+00
2.79E+01	-9.30E+01	1.79E+02	-4.64E-02	-6.97E+00
2.79E+01	-9.30E+01	1.79E+02	-8.54E-03	-6.95E+00
2.80E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.96E+00
2.80E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.97E+00
2.80E+01	-9.30E+01	1.79E+02	1.10E-02	-6.96E+00
2.80E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.96E+00
2.80E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.95E+00
2.81E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.95E+00
2.81E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.94E+00
2.81E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.95E+00
2.81E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.95E+00
2.81E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.95E+00
2.82E+01	-9.30E+01	1.79E+02	-3.66E-02	-6.95E+00
2.82E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.93E+00
2.82E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.94E+00
2.82E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.94E+00
2.82E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.93E+00
2.83E+01	-9.30E+01	1.78E+02	-3.54E-02	-6.93E+00
2.83E+01	-9.30E+01	1.79E+02	-2.81E-02	-6.93E+00
2.83E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.93E+00
2.83E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.93E+00
2.83E+01	-9.30E+01	1.78E+02	4.88E-03	-6.92E+00
2.84E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.93E+00
2.84E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.92E+00
2.84E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.92E+00
2.84E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.91E+00
2.84E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.92E+00
2.85E+01	-9.30E+01	1.78E+02	-2.08E-02	-6.92E+00
2.85E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.91E+00
2.85E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.93E+00
2.85E+01	-9.30E+01	1.78E+02	-4.39E-02	-6.90E+00
2.85E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.91E+00
2.86E+01	-9.30E+01	1.78E+02	-1.22E-03	-6.91E+00
2.86E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.91E+00
2.86E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.91E+00
2.86E+01	-9.30E+01	1.78E+02	-4.15E-02	-6.91E+00
2.86E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.90E+00
2.87E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.90E+00
2.87E+01	-9.30E+01	1.78E+02	-2.08E-02	-6.90E+00
2.87E+01	-9.30E+01	1.78E+02	-1.10E-02	-6.89E+00
2.87E+01	-9.30E+01	1.78E+02	-1.59E-02	-6.90E+00
2.87E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.89E+00
2.88E+01	-9.30E+01	1.78E+02	-1.34E-02	-6.89E+00
2.88E+01	-9.30E+01	1.78E+02	-4.88E-02	-6.89E+00
2.88E+01	-9.30E+01	1.77E+02	-6.10E-03	-6.88E+00

2.88E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.89E+00
2.88E+01	-9.30E+01	1.77E+02	-2.20E-02	-6.88E+00
2.89E+01	-9.30E+01	1.77E+02	1.22E-02	-6.88E+00
2.89E+01	-9.30E+01	1.77E+02	-3.42E-02	-6.89E+00
2.89E+01	-9.30E+01	1.77E+02	-1.34E-02	-6.88E+00
2.89E+01	-9.30E+01	1.77E+02	-2.93E-02	-6.89E+00
2.89E+01	-9.30E+01	1.77E+02	-1.71E-02	-6.87E+00
2.90E+01	-9.30E+01	1.77E+02	-3.17E-02	-6.89E+00
2.90E+01	-9.30E+01	1.77E+02	-1.46E-02	-6.87E+00
2.90E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.88E+00
2.90E+01	-9.30E+01	1.77E+02	-3.17E-02	-6.86E+00
2.90E+01	-9.30E+01	1.77E+02	-2.81E-02	-6.87E+00
2.91E+01	-9.30E+01	1.77E+02	-2.69E-02	-6.87E+00
2.91E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.86E+00
2.91E+01	-9.30E+01	1.76E+02	-1.95E-02	-6.87E+00
2.91E+01	-9.30E+01	1.76E+02	2.44E-03	-6.87E+00
2.91E+01	-9.30E+01	1.77E+02	-8.54E-03	-6.86E+00
2.92E+01	-9.30E+01	1.77E+02	-2.56E-02	-6.86E+00
2.92E+01	-9.30E+01	1.77E+02	-2.20E-02	-6.86E+00
2.92E+01	-9.30E+01	1.76E+02	-2.20E-02	-6.87E+00
2.92E+01	-9.30E+01	1.77E+02	0.00E+00	-6.85E+00
2.92E+01	-9.30E+01	1.77E+02	-2.20E-02	-6.86E+00
2.93E+01	-9.30E+01	1.76E+02	-1.95E-02	-6.85E+00
2.93E+01	-9.30E+01	1.76E+02	-1.22E-02	-6.84E+00
2.93E+01	-9.30E+01	1.76E+02	-9.77E-03	-6.84E+00
2.93E+01	-9.30E+01	1.76E+02	-9.77E-03	-6.84E+00
2.93E+01	-9.30E+01	1.76E+02	-1.22E-02	-6.84E+00
2.94E+01	-9.30E+01	1.76E+02	-3.78E-02	-6.85E+00
2.94E+01	-9.30E+01	1.76E+02	-4.88E-03	-6.83E+00
2.94E+01	-9.30E+01	1.76E+02	-4.39E-02	-6.84E+00
2.94E+01	-9.30E+01	1.76E+02	-4.88E-03	-6.83E+00
2.94E+01	-9.30E+01	1.76E+02	-2.93E-02	-6.84E+00
2.95E+01	-9.30E+01	1.76E+02	-1.22E-02	-6.82E+00
2.95E+01	-9.30E+01	1.76E+02	-4.88E-03	-6.82E+00
2.95E+01	-9.30E+01	1.76E+02	-2.20E-02	-6.83E+00
2.95E+01	-9.30E+01	1.76E+02	-2.44E-03	-6.82E+00
2.95E+01	-9.30E+01	1.76E+02	-1.95E-02	-6.82E+00
2.96E+01	-9.30E+01	1.76E+02	0.00E+00	-6.83E+00
2.96E+01	-9.30E+01	1.75E+02	-2.20E-02	-6.83E+00
2.96E+01	-9.30E+01	1.76E+02	-1.71E-02	-6.82E+00
2.96E+01	-9.30E+01	1.75E+02	-1.22E-02	-6.83E+00
2.96E+01	-9.30E+01	1.76E+02	-4.88E-03	-6.81E+00
2.97E+01	-9.30E+01	1.76E+02	1.22E-02	-6.82E+00
2.97E+01	-9.30E+01	1.76E+02	-3.05E-02	-6.82E+00
2.97E+01	-9.30E+01	1.76E+02	-9.77E-03	-6.81E+00
2.97E+01	-9.30E+01	1.75E+02	-1.83E-02	-6.81E+00
2.97E+01	-9.30E+01	1.76E+02	-1.22E-03	-6.81E+00

2.98E+01	-9.30E+01	1.75E+02	-1.22E-02	-6.81E+00
2.98E+01	-9.30E+01	1.75E+02	-1.83E-02	-6.81E+00
2.98E+01	-9.30E+01	1.76E+02	-2.44E-02	-6.80E+00
2.98E+01	-9.30E+01	1.75E+02	-2.20E-02	-6.81E+00
2.98E+01	-9.30E+01	1.76E+02	-1.46E-02	-6.79E+00
2.99E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.80E+00
2.99E+01	-9.30E+01	1.75E+02	-2.32E-02	-6.80E+00
2.99E+01	-9.30E+01	1.75E+02	-1.59E-02	-6.80E+00
2.99E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.78E+00
2.99E+01	-9.30E+01	1.75E+02	-2.44E-03	-6.79E+00
3.00E+01	-9.30E+01	1.75E+02	-2.81E-02	-6.79E+00
3.00E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.79E+00
3.00E+01	-9.30E+01	1.75E+02	-1.10E-02	-6.79E+00
3.00E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.78E+00
3.00E+01	-9.30E+01	1.75E+02	-1.22E-02	-6.79E+00
3.01E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.77E+00
3.01E+01	-9.30E+01	1.74E+02	-6.10E-03	-6.77E+00
3.01E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.78E+00
3.01E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.78E+00
3.01E+01	-9.30E+01	1.75E+02	-3.42E-02	-6.78E+00
3.02E+01	-9.30E+01	1.74E+02	-1.46E-02	-6.77E+00
3.02E+01	-9.30E+01	1.75E+02	-3.42E-02	-6.79E+00
3.02E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.76E+00
3.02E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.77E+00
3.02E+01	-9.30E+01	1.74E+02	-3.17E-02	-6.77E+00
3.03E+01	-9.30E+01	1.74E+02	1.34E-02	-6.76E+00
3.03E+01	-9.30E+01	1.74E+02	-3.17E-02	-6.76E+00
3.03E+01	-9.30E+01	1.74E+02	-9.77E-03	-6.76E+00
3.03E+01	-9.30E+01	1.74E+02	-1.95E-02	-6.76E+00
3.03E+01	-9.30E+01	1.74E+02	-9.77E-03	-6.75E+00
3.04E+01	-9.30E+01	1.74E+02	1.95E-02	-6.77E+00
3.04E+01	-9.30E+01	1.74E+02	-3.05E-02	-6.75E+00
3.04E+01	-9.30E+01	1.74E+02	-4.88E-03	-6.75E+00
3.04E+01	-9.30E+01	1.74E+02	-3.17E-02	-6.75E+00
3.04E+01	-9.30E+01	1.74E+02	-7.32E-03	-6.74E+00
3.05E+01	-9.30E+01	1.74E+02	-2.32E-02	-6.75E+00
3.05E+01	-9.30E+01	1.74E+02	-1.22E-02	-6.74E+00
3.05E+01	-9.30E+01	1.74E+02	-1.83E-02	-6.75E+00
3.05E+01	-9.30E+01	1.74E+02	-1.83E-02	-6.73E+00
3.05E+01	-9.30E+01	1.74E+02	-9.77E-03	-6.74E+00
3.06E+01	-9.30E+01	1.74E+02	-1.22E-02	-6.74E+00
3.06E+01	-9.30E+01	1.74E+02	-1.95E-02	-6.74E+00
3.06E+01	-9.30E+01	1.74E+02	-1.46E-02	-6.73E+00
3.06E+01	-9.30E+01	1.74E+02	-7.32E-03	-6.75E+00
3.06E+01	-9.30E+01	1.74E+02	-9.77E-03	-6.73E+00
3.07E+01	-9.30E+01	1.74E+02	-1.95E-02	-6.73E+00
3.07E+01	-9.30E+01	1.74E+02	0.00E+00	-6.72E+00

3.07E+01	-9.30E+01	1.73E+02	-7.32E-03	-6.72E+00
3.07E+01	-9.30E+01	1.74E+02	-1.59E-02	-6.72E+00
3.07E+01	-9.30E+01	1.73E+02	-1.22E-02	-6.73E+00
3.08E+01	-9.30E+01	1.74E+02	-3.17E-02	-6.72E+00
3.08E+01	-9.30E+01	1.73E+02	-2.44E-03	-6.71E+00
3.08E+01	-9.30E+01	1.74E+02	-5.13E-02	-6.72E+00
3.08E+01	-9.30E+01	1.73E+02	-2.44E-03	-6.71E+00
3.08E+01	-9.30E+01	1.73E+02	-2.20E-02	-6.72E+00
3.09E+01	-9.30E+01	1.74E+02	-1.46E-02	-6.71E+00
3.09E+01	-9.30E+01	1.73E+02	9.77E-03	-6.70E+00
3.09E+01	-9.30E+01	1.73E+02	-2.44E-02	-6.71E+00
3.09E+01	-9.30E+01	1.73E+02	-7.32E-03	-6.71E+00
3.09E+01	-9.30E+01	1.73E+02	-2.44E-02	-6.71E+00
3.10E+01	-9.30E+01	1.73E+02	-3.91E-02	-6.70E+00
3.10E+01	-9.30E+01	1.73E+02	-2.44E-02	-6.70E+00
3.10E+01	-9.30E+01	1.73E+02	-1.46E-02	-6.70E+00
3.10E+01	-9.30E+01	1.73E+02	-7.32E-03	-6.70E+00
3.10E+01	-9.30E+01	1.73E+02	-3.78E-02	-6.70E+00
3.11E+01	-9.30E+01	1.73E+02	-1.22E-03	-6.70E+00
3.11E+01	-9.30E+01	1.73E+02	-3.42E-02	-6.70E+00
3.11E+01	-9.30E+01	1.73E+02	-7.32E-03	-6.69E+00
3.11E+01	-9.30E+01	1.73E+02	-2.44E-03	-6.69E+00
3.11E+01	-9.30E+01	1.73E+02	-5.37E-02	-6.68E+00
3.12E+01	-9.30E+01	1.73E+02	-1.22E-02	-6.69E+00
3.12E+01	-9.30E+01	1.73E+02	-1.83E-02	-6.69E+00
3.12E+01	-9.30E+01	1.73E+02	-9.77E-03	-6.68E+00
3.12E+01	-9.30E+01	1.73E+02	-3.91E-02	-6.69E+00
3.12E+01	-9.30E+01	1.73E+02	-2.44E-03	-6.68E+00
3.13E+01	-9.30E+01	1.73E+02	-1.10E-02	-6.68E+00
3.13E+01	-9.30E+01	1.73E+02	-1.71E-02	-6.67E+00
3.13E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.68E+00
3.13E+01	-9.30E+01	1.72E+02	-3.42E-02	-6.67E+00
3.13E+01	-9.30E+01	1.72E+02	-6.10E-03	-6.67E+00
3.14E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.67E+00
3.14E+01	-9.30E+01	1.72E+02	7.32E-03	-6.66E+00
3.14E+01	-9.30E+01	1.72E+02	-3.91E-02	-6.67E+00
3.14E+01	-9.30E+01	1.72E+02	-7.32E-03	-6.66E+00
3.14E+01	-9.30E+01	1.72E+02	-1.71E-02	-6.67E+00
3.15E+01	-9.30E+01	1.72E+02	-9.77E-03	-6.66E+00
3.15E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.66E+00
3.15E+01	-9.30E+01	1.72E+02	-2.32E-02	-6.67E+00
3.15E+01	-9.30E+01	1.72E+02	-9.77E-03	-6.66E+00
3.15E+01	-9.30E+01	1.72E+02	-2.93E-02	-6.66E+00
3.16E+01	-9.30E+01	1.72E+02	-2.20E-02	-6.65E+00
3.16E+01	-9.30E+01	1.72E+02	-1.46E-02	-6.66E+00
3.16E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.66E+00
3.16E+01	-9.30E+01	1.72E+02	-1.10E-02	-6.65E+00

3.16E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.65E+00
3.17E+01	-9.30E+01	1.72E+02	2.44E-03	-6.64E+00
3.17E+01	-9.30E+01	1.72E+02	-1.46E-02	-6.64E+00
3.17E+01	-9.30E+01	1.72E+02	-1.22E-02	-6.64E+00
3.17E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.65E+00
3.17E+01	-9.30E+01	1.72E+02	2.44E-03	-6.63E+00
3.18E+01	-9.30E+01	1.71E+02	-3.66E-02	-6.63E+00
3.18E+01	-9.30E+01	1.72E+02	0.00E+00	-6.63E+00
3.18E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.64E+00
3.18E+01	-9.30E+01	1.72E+02	-9.77E-03	-6.62E+00
3.18E+01	-9.30E+01	1.71E+02	-1.22E-02	-6.63E+00
3.19E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.62E+00
3.19E+01	-9.30E+01	1.72E+02	8.54E-03	-6.63E+00
3.19E+01	-9.30E+01	1.72E+02	-1.83E-02	-6.62E+00
3.19E+01	-9.30E+01	1.72E+02	-4.88E-03	-6.63E+00
3.19E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.62E+00
3.20E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.62E+00
3.20E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.62E+00
3.20E+01	-9.30E+01	1.72E+02	-1.46E-02	-6.62E+00
3.20E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.62E+00
3.20E+01	-9.30E+01	1.72E+02	-3.30E-02	-6.62E+00
3.21E+01	-9.30E+01	1.72E+02	-2.56E-02	-6.61E+00
3.21E+01	-9.30E+01	1.72E+02	-1.22E-02	-6.61E+00
3.21E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.62E+00
3.21E+01	-9.30E+01	1.72E+02	-1.59E-02	-6.60E+00
3.21E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.61E+00
3.22E+01	-9.30E+01	1.72E+02	-9.77E-03	-6.60E+00
3.22E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.60E+00
3.22E+01	-9.30E+01	1.72E+02	-1.71E-02	-6.60E+00
3.22E+01	-9.30E+01	1.72E+02	-2.93E-02	-6.59E+00
3.22E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.60E+00
3.23E+01	-9.30E+01	1.72E+02	-8.54E-03	-6.59E+00
3.23E+01	-9.30E+01	1.72E+02	-1.83E-02	-6.60E+00
3.23E+01	-9.30E+01	1.72E+02	2.44E-03	-6.58E+00
3.23E+01	-9.30E+01	1.72E+02	-4.88E-03	-6.60E+00
3.23E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.58E+00
3.24E+01	-9.30E+01	1.72E+02	-1.10E-02	-6.59E+00
3.24E+01	-9.30E+01	1.72E+02	-2.32E-02	-6.58E+00
3.24E+01	-9.30E+01	1.71E+02	-7.32E-03	-6.58E+00
3.24E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.58E+00
3.24E+01	-9.30E+01	1.72E+02	0.00E+00	-6.58E+00
3.25E+01	-9.30E+01	1.72E+02	-3.66E-02	-6.58E+00
3.25E+01	-9.30E+01	1.72E+02	-1.22E-02	-6.57E+00
3.25E+01	-9.30E+01	1.72E+02	2.44E-03	-6.58E+00
3.25E+01	-9.30E+01	1.72E+02	-1.22E-02	-6.57E+00
3.25E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.58E+00
3.26E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.57E+00

3.26E+01	-9.30E+01	1.72E+02	-7.32E-03	-6.56E+00
3.26E+01	-9.30E+01	1.72E+02	-3.17E-02	-6.57E+00
3.26E+01	-9.30E+01	1.71E+02	-1.22E-02	-6.56E+00
3.26E+01	-9.30E+01	1.71E+02	-2.93E-02	-6.56E+00
3.27E+01	-9.30E+01	1.71E+02	2.08E-02	-6.55E+00
3.27E+01	-9.30E+01	1.71E+02	-3.17E-02	-6.56E+00
3.27E+01	-9.30E+01	1.72E+02	-7.32E-03	-6.55E+00
3.27E+01	-9.30E+01	1.71E+02	-2.44E-02	-6.56E+00
3.27E+01	-9.30E+01	1.72E+02	-2.44E-03	-6.55E+00
3.28E+01	-9.30E+01	1.71E+02	-3.42E-02	-6.55E+00
3.28E+01	-9.30E+01	1.72E+02	-3.17E-02	-6.55E+00
3.28E+01	-9.30E+01	1.71E+02	-9.77E-03	-6.55E+00
3.28E+01	-9.30E+01	1.71E+02	-2.93E-02	-6.56E+00
3.28E+01	-9.30E+01	1.71E+02	-2.32E-02	-6.55E+00
3.29E+01	-9.30E+01	1.71E+02	-2.56E-02	-6.53E+00
3.29E+01	-9.30E+01	1.72E+02	-1.22E-02	-6.54E+00
3.29E+01	-9.30E+01	1.71E+02	-3.17E-02	-6.55E+00
3.29E+01	-9.30E+01	1.71E+02	-1.22E-02	-6.53E+00
3.29E+01	-9.30E+01	1.71E+02	-1.46E-02	-6.54E+00
3.30E+01	-9.30E+01	1.71E+02	1.34E-02	-6.53E+00
3.30E+01	-9.30E+01	1.71E+02	-7.32E-03	-6.53E+00
3.30E+01	-9.30E+01	1.71E+02	-2.93E-02	-6.54E+00
3.30E+01	-9.30E+01	1.71E+02	-1.22E-03	-6.53E+00
3.30E+01	-9.30E+01	1.71E+02	-3.54E-02	-6.53E+00
3.31E+01	-9.30E+01	1.71E+02	-3.66E-03	-6.52E+00
3.31E+01	-9.30E+01	1.71E+02	-2.20E-02	-6.53E+00
3.31E+01	-9.30E+01	1.71E+02	-7.32E-03	-6.51E+00
3.31E+01	-9.30E+01	1.71E+02	-1.71E-02	-6.53E+00
3.31E+01	-9.30E+01	1.71E+02	-2.69E-02	-6.52E+00
3.32E+01	-9.30E+01	1.71E+02	0.00E+00	-6.51E+00
3.32E+01	-9.30E+01	1.71E+02	-2.44E-02	-6.52E+00
3.32E+01	-9.30E+01	1.71E+02	-4.88E-03	-6.51E+00
3.32E+01	-9.30E+01	1.71E+02	-2.56E-02	-6.51E+00
3.32E+01	-9.30E+01	1.71E+02	-7.32E-03	-6.50E+00
3.33E+01	-9.30E+01	1.71E+02	-2.20E-02	-6.51E+00
3.33E+01	-9.30E+01	1.71E+02	-6.10E-03	-6.50E+00
3.33E+01	-9.30E+01	1.71E+02	-3.30E-02	-6.51E+00
3.33E+01	-9.30E+01	1.71E+02	-1.46E-02	-6.50E+00
3.33E+01	-9.30E+01	1.70E+02	-1.71E-02	-6.51E+00
3.34E+01	-9.30E+01	1.71E+02	-1.83E-02	-6.49E+00
3.34E+01	-9.30E+01	1.71E+02	-1.34E-02	-6.51E+00
3.34E+01	-9.30E+01	1.70E+02	8.54E-03	-6.50E+00
3.34E+01	-9.30E+01	1.70E+02	-1.46E-02	-6.50E+00
3.34E+01	-9.30E+01	1.71E+02	-2.93E-02	-6.49E+00
3.35E+01	-9.30E+01	1.71E+02	-1.95E-02	-6.49E+00
3.35E+01	-9.30E+01	1.71E+02	-1.95E-02	-6.48E+00
3.35E+01	-9.30E+01	1.70E+02	1.59E-02	-6.48E+00

3.35E+01	-9.30E+01	1.71E+02	-2.81E-02	-6.49E+00
3.35E+01	-9.30E+01	1.71E+02	0.00E+00	-6.48E+00
3.36E+01	-9.30E+01	1.71E+02	-1.95E-02	-6.48E+00
3.36E+01	-9.30E+01	1.70E+02	-3.05E-02	-6.48E+00
3.36E+01	-9.30E+01	1.70E+02	-7.32E-03	-6.48E+00
3.36E+01	-9.30E+01	1.71E+02	-2.93E-02	-6.48E+00
3.36E+01	-9.30E+01	1.71E+02	-9.77E-03	-6.48E+00
3.37E+01	-9.30E+01	1.71E+02	-3.78E-02	-6.48E+00
3.37E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.47E+00
3.37E+01	-9.30E+01	1.71E+02	-2.44E-02	-6.47E+00
3.37E+01	-9.30E+01	1.71E+02	-9.77E-03	-6.47E+00
3.37E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.47E+00
3.38E+01	-9.30E+01	1.70E+02	1.95E-02	-6.48E+00
3.38E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.47E+00
3.38E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.46E+00
3.38E+01	-9.30E+01	1.70E+02	6.10E-03	-6.46E+00
3.38E+01	-9.30E+01	1.70E+02	-4.15E-02	-6.46E+00
3.39E+01	-9.30E+01	1.71E+02	-1.10E-02	-6.45E+00
3.39E+01	-9.30E+01	1.70E+02	-2.20E-02	-6.46E+00
3.39E+01	-9.30E+01	1.70E+02	-8.54E-03	-6.45E+00
3.39E+01	-9.30E+01	1.70E+02	-2.32E-02	-6.45E+00
3.39E+01	-9.30E+01	1.70E+02	-1.71E-02	-6.45E+00
3.40E+01	-9.30E+01	1.70E+02	-1.59E-02	-6.45E+00
3.40E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.44E+00
3.40E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.45E+00
3.40E+01	-9.30E+01	1.70E+02	-4.15E-02	-6.44E+00
3.40E+01	-9.30E+01	1.70E+02	-1.46E-02	-6.44E+00
3.41E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.44E+00
3.41E+01	-9.30E+01	1.70E+02	-2.20E-02	-6.44E+00
3.41E+01	-9.30E+01	1.70E+02	-3.42E-02	-6.45E+00
3.41E+01	-9.30E+01	1.70E+02	1.34E-02	-6.43E+00
3.41E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.43E+00
3.42E+01	-9.30E+01	1.70E+02	-1.34E-02	-6.43E+00
3.42E+01	-9.30E+01	1.70E+02	-2.81E-02	-6.44E+00
3.42E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.41E+00
3.42E+01	-9.30E+01	1.70E+02	-3.17E-02	-6.43E+00
3.42E+01	-9.30E+01	1.70E+02	-7.32E-03	-6.42E+00
3.43E+01	-9.30E+01	1.70E+02	-2.20E-02	-6.43E+00
3.43E+01	-9.30E+01	1.70E+02	-1.34E-02	-6.41E+00
3.43E+01	-9.30E+01	1.70E+02	-2.20E-02	-6.43E+00
3.43E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.41E+00
3.43E+01	-9.30E+01	1.70E+02	-2.20E-02	-6.43E+00
3.44E+01	-9.30E+01	1.70E+02	6.10E-03	-6.41E+00
3.44E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.40E+00
3.44E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.41E+00
3.44E+01	-9.30E+01	1.70E+02	-6.10E-03	-6.41E+00
3.44E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.41E+00

3.45E+01	-9.30E+01	1.70E+02	-4.88E-03	-6.41E+00
3.45E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.41E+00
3.45E+01	-9.30E+01	1.70E+02	-7.32E-03	-6.40E+00
3.45E+01	-9.30E+01	1.70E+02	-3.66E-02	-6.41E+00
3.45E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.40E+00
3.46E+01	-9.30E+01	1.70E+02	-8.54E-03	-6.40E+00
3.46E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.40E+00
3.46E+01	-9.30E+01	1.70E+02	-8.54E-03	-6.39E+00
3.46E+01	-9.30E+01	1.70E+02	-1.46E-02	-6.40E+00
3.46E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.39E+00
3.47E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.39E+00
3.47E+01	-9.30E+01	1.70E+02	-1.71E-02	-6.38E+00
3.47E+01	-9.30E+01	1.70E+02	-2.20E-02	-6.40E+00
3.47E+01	-9.30E+01	1.70E+02	-1.10E-02	-6.39E+00
3.47E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.38E+00
3.48E+01	-9.30E+01	1.70E+02	-2.20E-02	-6.39E+00
3.48E+01	-9.30E+01	1.70E+02	-1.71E-02	-6.37E+00
3.48E+01	-9.30E+01	1.70E+02	-3.66E-02	-6.37E+00
3.48E+01	-9.30E+01	1.70E+02	2.81E-02	-6.37E+00
3.48E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.38E+00
3.49E+01	-9.30E+01	1.70E+02	-4.88E-03	-6.36E+00
3.49E+01	-9.30E+01	1.70E+02	-1.71E-02	-6.38E+00
3.49E+01	-9.30E+01	1.70E+02	3.66E-03	-6.37E+00
3.49E+01	-9.30E+01	1.70E+02	-1.46E-02	-6.37E+00
3.49E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.36E+00
3.50E+01	-9.30E+01	1.69E+02	2.44E-03	-6.36E+00
3.50E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.36E+00
3.50E+01	-9.30E+01	1.70E+02	-1.10E-02	-6.36E+00
3.50E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.37E+00
3.50E+01	-9.30E+01	1.70E+02	-2.44E-03	-6.35E+00
3.51E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.36E+00
3.51E+01	-9.30E+01	1.70E+02	-9.77E-03	-6.36E+00
3.51E+01	-9.30E+01	1.70E+02	-1.46E-02	-6.36E+00
3.51E+01	-9.30E+01	1.70E+02	-2.93E-02	-6.35E+00
3.51E+01	-9.30E+01	1.70E+02	-1.71E-02	-6.35E+00
3.52E+01	-9.30E+01	1.69E+02	-4.15E-02	-6.34E+00
3.52E+01	-9.30E+01	1.70E+02	-6.10E-03	-6.34E+00
3.52E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.35E+00
3.52E+01	-9.30E+01	1.70E+02	-1.46E-02	-6.34E+00
3.52E+01	-9.30E+01	1.70E+02	1.71E-02	-6.34E+00
3.53E+01	-9.30E+01	1.69E+02	-2.44E-02	-6.34E+00
3.53E+01	-9.30E+01	1.70E+02	-1.10E-02	-6.34E+00
3.53E+01	-9.30E+01	1.70E+02	-3.17E-02	-6.34E+00
3.53E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.33E+00
3.53E+01	-9.30E+01	1.69E+02	-2.44E-02	-6.33E+00
3.54E+01	-9.30E+01	1.70E+02	-3.66E-03	-6.33E+00
3.54E+01	-9.30E+01	1.70E+02	-3.17E-02	-6.34E+00

3.54E+01	-9.30E+01	1.70E+02	-2.44E-03	-6.32E+00
3.54E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.34E+00
3.54E+01	-9.30E+01	1.70E+02	-3.17E-02	-6.32E+00
3.55E+01	-9.30E+01	1.70E+02	-7.32E-03	-6.32E+00
3.55E+01	-9.30E+01	1.70E+02	-1.71E-02	-6.32E+00
3.55E+01	-9.30E+01	1.70E+02	-1.83E-02	-6.31E+00
3.55E+01	-9.30E+01	1.70E+02	-1.46E-02	-6.32E+00
3.55E+01	-9.30E+01	1.69E+02	-8.54E-03	-6.32E+00
3.56E+01	-9.30E+01	1.70E+02	-2.20E-02	-6.32E+00
3.56E+01	-9.30E+01	1.70E+02	-4.88E-03	-6.30E+00
3.56E+01	-9.30E+01	1.70E+02	-5.00E-02	-6.32E+00
3.56E+01	-9.30E+01	1.70E+02	-2.44E-03	-6.31E+00
3.56E+01	-9.30E+01	1.70E+02	-2.93E-02	-6.31E+00
3.57E+01	-9.30E+01	1.70E+02	-1.71E-02	-6.31E+00
3.57E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.31E+00
3.57E+01	-9.30E+01	1.70E+02	-2.81E-02	-6.31E+00
3.57E+01	-9.30E+01	1.69E+02	-1.22E-02	-6.30E+00
3.57E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.30E+00
3.58E+01	-9.30E+01	1.70E+02	-1.46E-02	-6.30E+00
3.58E+01	-9.30E+01	1.70E+02	-4.39E-02	-6.29E+00
3.58E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.29E+00
3.58E+01	-9.30E+01	1.70E+02	-2.08E-02	-6.30E+00
3.58E+01	-9.30E+01	1.70E+02	-1.71E-02	-6.29E+00
3.59E+01	-9.30E+01	1.70E+02	-1.22E-03	-6.28E+00
3.59E+01	-9.30E+01	1.70E+02	-2.20E-02	-6.30E+00
3.59E+01	-9.30E+01	1.70E+02	-9.77E-03	-6.29E+00
3.59E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.28E+00
3.59E+01	-9.30E+01	1.70E+02	-1.22E-03	-6.28E+00
3.60E+01	-9.30E+01	1.70E+02	-7.32E-03	-6.30E+00
3.60E+01	-9.30E+01	1.70E+02	-8.54E-03	-6.27E+00
3.60E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.28E+00
3.60E+01	-9.30E+01	1.70E+02	-9.77E-03	-6.27E+00
3.60E+01	-9.30E+01	1.70E+02	-4.39E-02	-6.27E+00
3.61E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.27E+00
3.61E+01	-9.30E+01	1.70E+02	-2.56E-02	-6.27E+00
3.61E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.26E+00
3.61E+01	-9.30E+01	1.69E+02	-7.32E-03	-6.27E+00
3.61E+01	-9.30E+01	1.69E+02	-6.10E-02	-6.26E+00
3.62E+01	-9.30E+01	1.69E+02	-1.34E-02	-6.26E+00
3.62E+01	-9.30E+01	1.70E+02	-3.17E-02	-6.26E+00
3.62E+01	-9.30E+01	1.70E+02	4.88E-03	-6.25E+00
3.62E+01	-9.30E+01	1.70E+02	-3.78E-02	-6.25E+00
3.62E+01	-9.30E+01	1.70E+02	-9.77E-03	-6.26E+00
3.63E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.26E+00
3.63E+01	-9.30E+01	1.70E+02	-1.83E-02	-6.25E+00
3.63E+01	-9.30E+01	1.69E+02	1.22E-02	-6.25E+00
3.63E+01	-9.30E+01	1.69E+02	-2.69E-02	-6.25E+00

3.63E+01	-9.30E+01	1.70E+02	-6.10E-03	-6.25E+00
3.64E+01	-9.30E+01	1.70E+02	-1.83E-02	-6.25E+00
3.64E+01	-9.30E+01	1.70E+02	-1.83E-02	-6.24E+00
3.64E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.26E+00
3.64E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.24E+00
3.64E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.24E+00
3.65E+01	-9.30E+01	1.70E+02	-3.17E-02	-6.24E+00
3.65E+01	-9.30E+01	1.70E+02	1.46E-02	-6.23E+00
3.65E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.24E+00
3.65E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.23E+00
3.65E+01	-9.30E+01	1.70E+02	-1.46E-02	-6.23E+00
3.66E+01	-9.30E+01	1.70E+02	-3.91E-02	-6.24E+00
3.66E+01	-9.30E+01	1.70E+02	1.34E-02	-6.21E+00
3.66E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.23E+00
3.66E+01	-9.30E+01	1.70E+02	-2.56E-02	-6.22E+00
3.66E+01	-9.30E+01	1.70E+02	-4.88E-03	-6.23E+00
3.67E+01	-9.30E+01	1.70E+02	-4.15E-02	-6.23E+00
3.67E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.21E+00
3.67E+01	-9.30E+01	1.70E+02	-1.83E-02	-6.22E+00
3.67E+01	-9.30E+01	1.70E+02	-1.71E-02	-6.21E+00
3.67E+01	-9.30E+01	1.70E+02	-9.77E-03	-6.21E+00
3.68E+01	-9.30E+01	1.70E+02	-4.39E-02	-6.20E+00
3.68E+01	-9.30E+01	1.70E+02	-9.77E-03	-6.21E+00
3.68E+01	-9.30E+01	1.70E+02	-1.83E-02	-6.21E+00
3.68E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.21E+00
3.68E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.21E+00
3.69E+01	-9.30E+01	1.70E+02	-7.32E-03	-6.20E+00
3.69E+01	-9.30E+01	1.70E+02	-1.34E-02	-6.20E+00
3.69E+01	-9.30E+01	1.70E+02	-3.30E-02	-6.20E+00
3.69E+01	-9.30E+01	1.70E+02	4.88E-03	-6.20E+00
3.69E+01	-9.30E+01	1.70E+02	-3.05E-02	-6.20E+00
3.70E+01	-9.30E+01	1.70E+02	-2.44E-03	-6.19E+00
3.70E+01	-9.30E+01	1.70E+02	-2.08E-02	-6.20E+00
3.70E+01	-9.30E+01	1.70E+02	7.32E-03	-6.18E+00
3.70E+01	-9.30E+01	1.70E+02	-3.66E-03	-6.19E+00
3.70E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.18E+00
3.71E+01	-9.30E+01	1.70E+02	-8.54E-03	-6.19E+00
3.71E+01	-9.30E+01	1.70E+02	-3.42E-02	-6.18E+00
3.71E+01	-9.30E+01	1.70E+02	-3.30E-02	-6.18E+00
3.71E+01	-9.30E+01	1.70E+02	-2.56E-02	-6.18E+00
3.71E+01	-9.30E+01	1.70E+02	-7.32E-03	-6.18E+00
3.72E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.18E+00
3.72E+01	-9.30E+01	1.70E+02	-1.22E-03	-6.18E+00
3.72E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.18E+00
3.72E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.17E+00
3.72E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.18E+00
3.73E+01	-9.30E+01	1.70E+02	-2.20E-02	-6.17E+00

3.73E+01	-9.30E+01	1.69E+02	-1.10E-02	-6.18E+00
3.73E+01	-9.30E+01	1.70E+02	-2.32E-02	-6.17E+00
3.73E+01	-9.30E+01	1.70E+02	-6.10E-03	-6.16E+00
3.73E+01	-9.30E+01	1.70E+02	-3.54E-02	-6.17E+00
3.74E+01	-9.30E+01	1.70E+02	-8.54E-03	-6.15E+00
3.74E+01	-9.30E+01	1.70E+02	-4.15E-02	-6.17E+00
3.74E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.15E+00
3.74E+01	-9.30E+01	1.69E+02	-1.46E-02	-6.16E+00
3.74E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.15E+00
3.75E+01	-9.30E+01	1.70E+02	-2.44E-03	-6.16E+00
3.75E+01	-9.30E+01	1.70E+02	-2.93E-02	-6.15E+00
3.75E+01	-9.30E+01	1.70E+02	0.00E+00	-6.15E+00
3.75E+01	-9.30E+01	1.69E+02	-1.59E-02	-6.15E+00
3.75E+01	-9.30E+01	1.69E+02	7.32E-03	-6.14E+00
3.76E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.15E+00
3.76E+01	-9.30E+01	1.69E+02	-1.22E-02	-6.13E+00
3.76E+01	-9.30E+01	1.69E+02	-9.77E-03	-6.14E+00
3.76E+01	-9.30E+01	1.70E+02	0.00E+00	-6.13E+00
3.76E+01	-9.30E+01	1.69E+02	-1.59E-02	-6.14E+00
3.77E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.13E+00
3.77E+01	-9.30E+01	1.69E+02	-1.22E-02	-6.14E+00
3.77E+01	-9.30E+01	1.69E+02	-1.71E-02	-6.13E+00
3.77E+01	-9.30E+01	1.69E+02	-3.66E-03	-6.12E+00
3.77E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.13E+00
3.78E+01	-9.30E+01	1.70E+02	-7.32E-03	-6.13E+00
3.78E+01	-9.30E+01	1.69E+02	-2.20E-02	-6.13E+00
3.78E+01	-9.30E+01	1.69E+02	-2.44E-03	-6.13E+00
3.78E+01	-9.30E+01	1.69E+02	-2.69E-02	-6.13E+00
3.78E+01	-9.30E+01	1.69E+02	-7.32E-03	-6.12E+00
3.79E+01	-9.30E+01	1.69E+02	-2.20E-02	-6.13E+00
3.79E+01	-9.30E+01	1.69E+02	-3.05E-02	-6.11E+00
3.79E+01	-9.30E+01	1.69E+02	-2.69E-02	-6.12E+00
3.79E+01	-9.30E+01	1.69E+02	-1.22E-02	-6.11E+00
3.79E+01	-9.30E+01	1.69E+02	-3.54E-02	-6.12E+00
3.80E+01	-9.30E+01	1.69E+02	-1.83E-02	-6.12E+00
3.80E+01	-9.30E+01	1.69E+02	-1.34E-02	-6.11E+00
3.80E+01	-9.30E+01	1.69E+02	-2.44E-02	-6.10E+00
3.80E+01	-9.30E+01	1.69E+02	-1.22E-02	-6.11E+00
3.80E+01	-9.30E+01	1.69E+02	-2.32E-02	-6.10E+00
3.81E+01	-9.30E+01	1.69E+02	-1.71E-02	-6.11E+00
3.81E+01	-9.30E+01	1.69E+02	-2.20E-02	-6.10E+00
3.81E+01	-9.30E+01	1.69E+02	-1.46E-02	-6.10E+00
3.81E+01	-9.30E+01	1.69E+02	-1.46E-02	-6.10E+00
3.81E+01	-9.30E+01	1.69E+02	-6.10E-03	-6.10E+00
3.82E+01	-9.30E+01	1.69E+02	-1.46E-02	-6.10E+00
3.82E+01	-9.30E+01	1.69E+02	-1.46E-02	-6.09E+00
3.82E+01	-9.30E+01	1.69E+02	-2.69E-02	-6.10E+00

3.82E+01	-9.30E+01	1.69E+02	-2.69E-02	-6.09E+00
3.82E+01	-9.30E+01	1.69E+02	-4.15E-02	-6.09E+00
3.83E+01	-9.30E+01	1.69E+02	-2.44E-02	-6.08E+00
3.83E+01	-9.30E+01	1.69E+02	-1.59E-02	-6.08E+00
3.83E+01	-9.30E+01	1.68E+02	-1.95E-02	-6.08E+00
3.83E+01	-9.30E+01	1.69E+02	-2.93E-02	-6.07E+00
3.83E+01	-9.30E+01	1.69E+02	-1.95E-02	-6.09E+00
3.84E+01	-9.30E+01	1.69E+02	-1.46E-02	-6.07E+00
3.84E+01	-9.30E+01	1.68E+02	-1.34E-02	-6.08E+00
3.84E+01	-9.30E+01	1.68E+02	-1.22E-03	-6.07E+00
3.84E+01	-9.30E+01	1.69E+02	-8.54E-03	-6.07E+00
3.84E+01	-9.30E+01	1.69E+02	-2.44E-02	-6.07E+00
3.85E+01	-9.30E+01	1.68E+02	-1.59E-02	-6.06E+00
3.85E+01	-9.30E+01	1.68E+02	-1.34E-02	-6.07E+00
3.85E+01	-9.30E+01	1.68E+02	-9.77E-03	-6.05E+00
3.85E+01	-9.30E+01	1.68E+02	-3.17E-02	-6.07E+00
3.85E+01	-9.30E+01	1.68E+02	-4.88E-03	-6.06E+00
3.86E+01	-9.30E+01	1.68E+02	-3.42E-02	-6.06E+00
3.86E+01	-9.30E+01	1.69E+02	-2.81E-02	-6.07E+00
3.86E+01	-9.30E+01	1.68E+02	-1.59E-02	-6.06E+00
3.86E+01	-9.30E+01	1.68E+02	-1.71E-02	-6.05E+00
3.86E+01	-9.30E+01	1.68E+02	-1.22E-03	-6.05E+00
3.87E+01	-9.30E+01	1.69E+02	-3.66E-03	-6.06E+00
3.87E+01	-9.30E+01	1.68E+02	-2.44E-03	-6.05E+00
3.87E+01	-9.30E+01	1.68E+02	-3.05E-02	-6.05E+00
3.87E+01	-9.30E+01	1.68E+02	-1.22E-02	-6.04E+00
3.87E+01	-9.30E+01	1.68E+02	-2.81E-02	-6.04E+00
3.88E+01	-9.30E+01	1.68E+02	-1.22E-02	-6.04E+00
3.88E+01	-9.30E+01	1.68E+02	-2.81E-02	-6.04E+00
3.88E+01	-9.30E+01	1.68E+02	-1.22E-02	-6.03E+00
3.88E+01	-9.30E+01	1.68E+02	-2.32E-02	-6.04E+00
3.88E+01	-9.30E+01	1.68E+02	1.22E-03	-6.03E+00
3.89E+01	-9.30E+01	1.68E+02	-2.32E-02	-6.04E+00
3.89E+01	-9.30E+01	1.68E+02	-2.69E-02	-6.03E+00
3.89E+01	-9.30E+01	1.68E+02	-1.34E-02	-6.04E+00
3.89E+01	-9.30E+01	1.68E+02	-3.42E-02	-6.01E+00
3.89E+01	-9.30E+01	1.68E+02	-1.46E-02	-6.03E+00
3.90E+01	-9.30E+01	1.68E+02	-3.54E-02	-6.02E+00
3.90E+01	-9.30E+01	1.68E+02	-1.22E-02	-6.02E+00
3.90E+01	-9.30E+01	1.68E+02	-2.08E-02	-6.01E+00
3.90E+01	-9.30E+01	1.68E+02	-1.22E-02	-6.02E+00
3.90E+01	-9.30E+01	1.68E+02	-2.08E-02	-6.03E+00
3.91E+01	-9.30E+01	1.68E+02	-9.77E-03	-6.00E+00
3.91E+01	-9.30E+01	1.68E+02	-1.46E-02	-6.01E+00
3.91E+01	-9.30E+01	1.68E+02	2.44E-03	-6.01E+00
3.91E+01	-9.30E+01	1.68E+02	-2.93E-02	-6.02E+00
3.91E+01	-9.30E+01	1.68E+02	-1.95E-02	-6.01E+00

3.92E+01	-9.30E+01	1.68E+02	-2.32E-02	-6.02E+00
3.92E+01	-9.30E+01	1.68E+02	-2.44E-02	-6.00E+00
3.92E+01	-9.30E+01	1.68E+02	-2.93E-02	-6.01E+00
3.92E+01	-9.30E+01	1.68E+02	-1.10E-02	-6.00E+00
3.92E+01	-9.30E+01	1.68E+02	-2.44E-02	-6.01E+00
3.93E+01	-9.30E+01	1.68E+02	-1.22E-02	-5.99E+00
3.93E+01	-9.30E+01	1.67E+02	-1.83E-02	-6.01E+00
3.93E+01	-9.30E+01	1.68E+02	-1.22E-02	-5.99E+00
3.93E+01	-9.30E+01	1.68E+02	-1.34E-02	-6.00E+00
3.93E+01	-9.30E+01	1.67E+02	-3.54E-02	-5.99E+00
3.94E+01	-9.30E+01	1.68E+02	-2.44E-03	-6.00E+00
3.94E+01	-9.30E+01	1.68E+02	-2.69E-02	-5.99E+00
3.94E+01	-9.30E+01	1.68E+02	-6.10E-03	-5.99E+00
3.94E+01	-9.30E+01	1.68E+02	-2.69E-02	-6.00E+00
3.94E+01	-9.30E+01	1.68E+02	-3.66E-02	-5.99E+00
3.95E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.99E+00
3.95E+01	-9.30E+01	1.68E+02	-2.44E-03	-5.97E+00
3.95E+01	-9.30E+01	1.68E+02	-4.88E-03	-5.98E+00
3.95E+01	-9.30E+01	1.68E+02	3.66E-03	-5.96E+00
3.95E+01	-9.30E+01	1.67E+02	-1.46E-02	-5.98E+00
3.96E+01	-9.30E+01	1.67E+02	-2.08E-02	-5.97E+00
3.96E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.98E+00
3.96E+01	-9.30E+01	1.68E+02	-2.44E-03	-5.98E+00
3.96E+01	-9.30E+01	1.67E+02	-3.66E-03	-5.97E+00
3.96E+01	-9.30E+01	1.67E+02	-3.17E-02	-5.97E+00
3.97E+01	-9.30E+01	1.66E+02	-7.32E-03	-5.96E+00
3.97E+01	-9.30E+01	1.67E+02	-1.95E-02	-5.96E+00
3.97E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.94E+00
3.97E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.97E+00
3.97E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.96E+00
3.98E+01	-9.30E+01	1.67E+02	-3.66E-02	-5.96E+00
3.98E+01	-9.30E+01	1.67E+02	0.00E+00	-5.96E+00
3.98E+01	-9.30E+01	1.67E+02	-2.32E-02	-5.96E+00
3.98E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.95E+00
3.98E+01	-9.30E+01	1.67E+02	-1.95E-02	-5.95E+00
3.99E+01	-9.30E+01	1.67E+02	-1.10E-02	-5.95E+00
3.99E+01	-9.30E+01	1.67E+02	-8.54E-03	-5.94E+00
3.99E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.94E+00
3.99E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.95E+00
3.99E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.93E+00
4.00E+01	-9.30E+01	1.67E+02	8.54E-03	-5.94E+00
4.00E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.92E+00
4.00E+01	-9.30E+01	1.67E+02	-1.22E-02	-5.94E+00
4.00E+01	-9.30E+01	1.67E+02	-2.56E-02	-5.94E+00
4.00E+01	-9.30E+01	1.67E+02	4.88E-03	-5.93E+00
4.01E+01	-9.30E+01	1.68E+02	-3.42E-02	-5.93E+00
4.01E+01	-9.30E+01	1.67E+02	2.44E-03	-5.93E+00

4.01E+01	-9.30E+01	1.67E+02	-2.81E-02	-5.93E+00
4.01E+01	-9.30E+01	1.67E+02	-1.59E-02	-5.92E+00
4.01E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.93E+00
4.02E+01	-9.30E+01	1.67E+02	-3.66E-03	-5.92E+00
4.02E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.93E+00
4.02E+01	-9.30E+01	1.67E+02	-3.30E-02	-5.91E+00
4.02E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.93E+00
4.02E+01	-9.30E+01	1.68E+02	-1.46E-02	-5.91E+00
4.03E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.92E+00
4.03E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.91E+00
4.03E+01	-9.30E+01	1.67E+02	-1.83E-02	-5.92E+00
4.03E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.91E+00
4.03E+01	-9.30E+01	1.67E+02	-6.10E-03	-5.91E+00
4.04E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.91E+00
4.04E+01	-9.30E+01	1.67E+02	-1.46E-02	-5.90E+00
4.04E+01	-9.30E+01	1.67E+02	-4.64E-02	-5.90E+00
4.04E+01	-9.30E+01	1.67E+02	-2.44E-03	-5.90E+00
4.04E+01	-9.30E+01	1.67E+02	-2.44E-02	-5.90E+00
4.05E+01	-9.30E+01	1.67E+02	3.66E-03	-5.89E+00
4.05E+01	-9.30E+01	1.67E+02	-3.91E-02	-5.89E+00
4.05E+01	-9.30E+01	1.67E+02	0.00E+00	-5.89E+00
4.05E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.90E+00
4.05E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.89E+00
4.06E+01	-9.30E+01	1.67E+02	-1.95E-02	-5.90E+00
4.06E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.89E+00
4.06E+01	-9.30E+01	1.67E+02	-3.30E-02	-5.89E+00
4.06E+01	-9.30E+01	1.67E+02	-1.10E-02	-5.88E+00
4.06E+01	-9.30E+01	1.67E+02	-2.56E-02	-5.88E+00
4.07E+01	-9.30E+01	1.68E+02	-2.20E-02	-5.87E+00
4.07E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.89E+00
4.07E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.88E+00
4.07E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.88E+00
4.07E+01	-9.30E+01	1.68E+02	-4.15E-02	-5.87E+00
4.08E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.87E+00
4.08E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.87E+00
4.08E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.86E+00
4.08E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.87E+00
4.08E+01	-9.30E+01	1.67E+02	-6.10E-03	-5.85E+00
4.09E+01	-9.30E+01	1.67E+02	-3.42E-02	-5.87E+00
4.09E+01	-9.30E+01	1.66E+02	4.88E-03	-5.87E+00
4.09E+01	-9.30E+01	1.67E+02	-1.83E-02	-5.86E+00
4.09E+01	-9.30E+01	1.67E+02	2.44E-03	-5.85E+00
4.09E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.86E+00
4.10E+01	-9.30E+01	1.67E+02	-2.44E-03	-5.85E+00
4.10E+01	-9.30E+01	1.67E+02	-5.13E-02	-5.86E+00
4.10E+01	-9.30E+01	1.67E+02	1.71E-02	-5.86E+00
4.10E+01	-9.30E+01	1.67E+02	-3.05E-02	-5.85E+00

4.10E+01	-9.30E+01	1.66E+02	-1.46E-02	-5.85E+00
4.11E+01	-9.30E+01	1.67E+02	-3.05E-02	-5.85E+00
4.11E+01	-9.30E+01	1.67E+02	2.44E-03	-5.84E+00
4.11E+01	-9.30E+01	1.67E+02	-2.56E-02	-5.84E+00
4.11E+01	-9.30E+01	1.67E+02	-3.66E-03	-5.84E+00
4.11E+01	-9.30E+01	1.67E+02	-1.83E-02	-5.84E+00
4.12E+01	-9.30E+01	1.67E+02	2.44E-03	-5.83E+00
4.12E+01	-9.30E+01	1.67E+02	-9.77E-03	-5.84E+00
4.12E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.83E+00
4.12E+01	-9.30E+01	1.67E+02	-2.81E-02	-5.83E+00
4.12E+01	-9.30E+01	1.67E+02	4.88E-03	-5.83E+00
4.13E+01	-9.30E+01	1.67E+02	-5.13E-02	-5.83E+00
4.13E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.84E+00
4.13E+01	-9.30E+01	1.67E+02	-1.83E-02	-5.82E+00
4.13E+01	-9.30E+01	1.67E+02	-2.44E-03	-5.83E+00
4.13E+01	-9.30E+01	1.67E+02	-2.44E-02	-5.83E+00
4.14E+01	-9.30E+01	1.66E+02	2.44E-02	-5.82E+00
4.14E+01	-9.30E+01	1.66E+02	-3.17E-02	-5.82E+00
4.14E+01	-9.30E+01	1.66E+02	2.44E-03	-5.82E+00
4.14E+01	-9.30E+01	1.67E+02	-3.42E-02	-5.82E+00
4.14E+01	-9.30E+01	1.66E+02	-4.76E-02	-5.82E+00
4.15E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.81E+00
4.15E+01	-9.30E+01	1.66E+02	-2.44E-03	-5.81E+00
4.15E+01	-9.30E+01	1.67E+02	-2.81E-02	-5.80E+00
4.15E+01	-9.30E+01	1.66E+02	3.66E-03	-5.82E+00
4.15E+01	-9.30E+01	1.66E+02	-2.93E-02	-5.81E+00
4.16E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.81E+00
4.16E+01	-9.30E+01	1.66E+02	-2.93E-02	-5.81E+00
4.16E+01	-9.30E+01	1.66E+02	0.00E+00	-5.79E+00
4.16E+01	-9.30E+01	1.66E+02	-3.17E-02	-5.80E+00
4.16E+01	-9.30E+01	1.66E+02	-3.66E-03	-5.79E+00
4.17E+01	-9.30E+01	1.66E+02	-1.95E-02	-5.80E+00
4.17E+01	-9.30E+01	1.66E+02	-3.66E-02	-5.80E+00
4.17E+01	-9.30E+01	1.66E+02	-2.32E-02	-5.80E+00
4.17E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.78E+00
4.17E+01	-9.30E+01	1.66E+02	-2.93E-02	-5.80E+00
4.18E+01	-9.30E+01	1.66E+02	4.88E-03	-5.78E+00
4.18E+01	-9.30E+01	1.66E+02	-4.76E-02	-5.80E+00
4.18E+01	-9.30E+01	1.66E+02	-4.88E-03	-5.78E+00
4.18E+01	-9.30E+01	1.66E+02	-2.69E-02	-5.79E+00
4.18E+01	-9.30E+01	1.66E+02	-1.10E-02	-5.77E+00
4.19E+01	-9.30E+01	1.66E+02	-2.32E-02	-5.78E+00
4.19E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.77E+00
4.19E+01	-9.30E+01	1.66E+02	-2.20E-02	-5.78E+00
4.19E+01	-9.30E+01	1.66E+02	-7.32E-03	-5.77E+00
4.19E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.79E+00
4.20E+01	-9.30E+01	1.66E+02	-2.20E-02	-5.76E+00

4.20E+01	-9.30E+01	1.66E+02	-1.46E-02	-5.77E+00
4.20E+01	-9.30E+01	1.66E+02	-3.17E-02	-5.77E+00
4.20E+01	-9.30E+01	1.66E+02	-2.44E-03	-5.77E+00
4.20E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.75E+00
4.21E+01	-9.30E+01	1.66E+02	-2.44E-03	-5.77E+00
4.21E+01	-9.30E+01	1.66E+02	-2.69E-02	-5.76E+00
4.21E+01	-9.30E+01	1.66E+02	-1.83E-02	-5.77E+00
4.21E+01	-9.30E+01	1.66E+02	-2.81E-02	-5.77E+00
4.21E+01	-9.30E+01	1.66E+02	-1.95E-02	-5.75E+00
4.22E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.76E+00
4.22E+01	-9.30E+01	1.66E+02	-1.46E-02	-5.75E+00
4.22E+01	-9.30E+01	1.65E+02	-2.32E-02	-5.76E+00
4.22E+01	-9.30E+01	1.66E+02	2.69E-02	-5.75E+00
4.22E+01	-9.30E+01	1.66E+02	-1.95E-02	-5.75E+00
4.23E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.75E+00
4.23E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.75E+00
4.23E+01	-9.30E+01	1.65E+02	2.20E-02	-5.74E+00
4.23E+01	-9.30E+01	1.66E+02	-3.17E-02	-5.74E+00
4.23E+01	-9.30E+01	1.66E+02	-2.44E-03	-5.74E+00
4.24E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.74E+00
4.24E+01	-9.30E+01	1.66E+02	1.22E-03	-5.73E+00
4.24E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.74E+00
4.24E+01	-9.30E+01	1.66E+02	-1.10E-02	-5.72E+00
4.24E+01	-9.30E+01	1.66E+02	-1.71E-02	-5.74E+00
4.25E+01	-9.30E+01	1.66E+02	-4.88E-03	-5.73E+00
4.25E+01	-9.30E+01	1.66E+02	-2.93E-02	-5.72E+00
4.25E+01	-9.30E+01	1.66E+02	-4.88E-03	-5.72E+00
4.25E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.74E+00
4.25E+01	-9.30E+01	1.66E+02	9.77E-03	-5.71E+00
4.26E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.72E+00
4.26E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.72E+00
4.26E+01	-9.30E+01	1.66E+02	-3.17E-02	-5.73E+00
4.26E+01	-9.30E+01	1.66E+02	-2.81E-02	-5.71E+00
4.26E+01	-9.30E+01	1.66E+02	4.88E-03	-5.73E+00
4.27E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.71E+00
4.27E+01	-9.30E+01	1.66E+02	-2.20E-02	-5.71E+00
4.27E+01	-9.30E+01	1.66E+02	-1.46E-02	-5.71E+00
4.27E+01	-9.30E+01	1.66E+02	-2.69E-02	-5.71E+00
4.27E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.70E+00
4.28E+01	-9.30E+01	1.66E+02	-6.10E-03	-5.71E+00
4.28E+01	-9.30E+01	1.66E+02	-1.34E-02	-5.70E+00
4.28E+01	-9.30E+01	1.66E+02	1.46E-02	-5.70E+00
4.28E+01	-9.30E+01	1.66E+02	-1.46E-02	-5.69E+00
4.28E+01	-9.30E+01	1.66E+02	-2.08E-02	-5.70E+00
4.29E+01	-9.30E+01	1.66E+02	-2.32E-02	-5.70E+00
4.29E+01	-9.30E+01	1.66E+02	-1.46E-02	-5.70E+00
4.29E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.69E+00

4.29E+01	-9.30E+01	1.66E+02	-1.22E-02	-5.70E+00
4.29E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.69E+00
4.30E+01	-9.30E+01	1.65E+02	-2.93E-02	-5.69E+00
4.30E+01	-9.30E+01	1.66E+02	-7.32E-03	-5.69E+00
4.30E+01	-9.30E+01	1.66E+02	-1.34E-02	-5.69E+00
4.30E+01	-9.30E+01	1.66E+02	-3.42E-02	-5.68E+00
4.30E+01	-9.30E+01	1.66E+02	-1.34E-02	-5.68E+00
4.31E+01	-9.30E+01	1.66E+02	-1.71E-02	-5.68E+00
4.31E+01	-9.30E+01	1.66E+02	-2.08E-02	-5.68E+00
4.31E+01	-9.30E+01	1.66E+02	-2.69E-02	-5.67E+00
4.31E+01	-9.30E+01	1.66E+02	-2.20E-02	-5.68E+00
4.31E+01	-9.30E+01	1.66E+02	-3.42E-02	-5.67E+00
4.32E+01	-9.30E+01	1.65E+02	-3.66E-02	-5.67E+00
4.32E+01	-9.30E+01	1.65E+02	-2.20E-02	-5.66E+00
4.32E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.67E+00
4.32E+01	-9.30E+01	1.66E+02	-1.95E-02	-5.66E+00
4.32E+01	-9.30E+01	1.66E+02	-7.32E-03	-5.65E+00
4.33E+01	-9.30E+01	1.66E+02	-2.20E-02	-5.66E+00
4.33E+01	-9.30E+01	1.66E+02	-3.66E-03	-5.67E+00
4.33E+01	-9.30E+01	1.66E+02	-2.81E-02	-5.65E+00
4.33E+01	-9.30E+01	1.66E+02	-1.83E-02	-5.66E+00
4.33E+01	-9.30E+01	1.66E+02	-2.81E-02	-5.66E+00
4.34E+01	-9.30E+01	1.66E+02	-4.88E-03	-5.65E+00
4.34E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.65E+00
4.34E+01	-9.30E+01	1.66E+02	1.71E-02	-5.64E+00
4.34E+01	-9.30E+01	1.66E+02	-3.30E-02	-5.65E+00
4.34E+01	-9.30E+01	1.66E+02	-4.88E-03	-5.64E+00
4.35E+01	-9.30E+01	1.66E+02	-1.71E-02	-5.66E+00
4.35E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.64E+00
4.35E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.66E+00
4.35E+01	-9.30E+01	1.66E+02	-8.54E-03	-5.63E+00
4.35E+01	-9.30E+01	1.66E+02	-1.95E-02	-5.64E+00
4.36E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.63E+00
4.36E+01	-9.30E+01	1.66E+02	9.77E-03	-5.63E+00
4.36E+01	-9.30E+01	1.66E+02	-4.88E-03	-5.62E+00
4.36E+01	-9.30E+01	1.65E+02	-2.44E-02	-5.64E+00
4.36E+01	-9.30E+01	1.66E+02	-3.66E-03	-5.63E+00
4.37E+01	-9.30E+01	1.66E+02	-1.22E-02	-5.63E+00
4.37E+01	-9.30E+01	1.65E+02	-7.32E-03	-5.62E+00
4.37E+01	-9.30E+01	1.66E+02	-2.20E-02	-5.63E+00
4.37E+01	-9.30E+01	1.66E+02	-9.77E-03	-5.61E+00
4.37E+01	-9.30E+01	1.66E+02	-1.10E-02	-5.62E+00
4.38E+01	-9.30E+01	1.66E+02	-3.66E-02	-5.62E+00
4.38E+01	-9.30E+01	1.66E+02	-2.44E-02	-5.62E+00
4.38E+01	-9.30E+01	1.66E+02	-4.88E-03	-5.61E+00
4.38E+01	-9.30E+01	1.66E+02	-3.17E-02	-5.62E+00
4.38E+01	-9.30E+01	1.66E+02	-1.46E-02	-5.60E+00

4.39E+01	-9.30E+01	1.66E+02	-4.15E-02	-5.61E+00
4.39E+01	-9.30E+01	1.66E+02	-4.88E-03	-5.60E+00
4.39E+01	-9.30E+01	1.66E+02	-1.46E-02	-5.61E+00
4.39E+01	-9.30E+01	1.66E+02	-3.66E-03	-5.60E+00
4.39E+01	-9.30E+01	1.66E+02	-4.64E-02	-5.61E+00
4.40E+01	-9.30E+01	1.65E+02	-9.77E-03	-5.60E+00
4.40E+01	-9.30E+01	1.66E+02	-2.20E-02	-5.60E+00
4.40E+01	-9.30E+01	1.66E+02	-1.71E-02	-5.60E+00
4.40E+01	-9.30E+01	1.66E+02	-5.13E-02	-5.61E+00
4.40E+01	-9.30E+01	1.65E+02	-6.10E-03	-5.59E+00
4.41E+01	-9.30E+01	1.65E+02	-2.32E-02	-5.59E+00
4.41E+01	-9.30E+01	1.66E+02	-7.32E-03	-5.60E+00
4.41E+01	-9.30E+01	1.65E+02	-4.39E-02	-5.59E+00
4.41E+01	-9.30E+01	1.66E+02	-1.71E-02	-5.59E+00
4.41E+01	-9.30E+01	1.65E+02	-1.46E-02	-5.60E+00
4.42E+01	-9.30E+01	1.65E+02	-7.32E-03	-5.58E+00
4.42E+01	-9.30E+01	1.66E+02	-7.32E-03	-5.60E+00
4.42E+01	-9.30E+01	1.65E+02	-2.32E-02	-5.58E+00
4.42E+01	-9.30E+01	1.65E+02	-7.32E-03	-5.58E+00
4.42E+01	-9.30E+01	1.66E+02	-2.93E-02	-5.57E+00
4.43E+01	-9.30E+01	1.65E+02	-1.71E-02	-5.58E+00
4.43E+01	-9.30E+01	1.65E+02	-2.44E-02	-5.58E+00
4.43E+01	-9.30E+01	1.65E+02	-9.77E-03	-5.57E+00
4.43E+01	-9.30E+01	1.65E+02	-1.83E-02	-5.57E+00
4.43E+01	-9.30E+01	1.65E+02	2.44E-03	-5.56E+00
4.44E+01	-9.30E+01	1.65E+02	-1.83E-02	-5.56E+00
4.44E+01	-9.30E+01	1.65E+02	-1.46E-02	-5.56E+00
4.44E+01	-9.30E+01	1.65E+02	-1.95E-02	-5.58E+00
4.44E+01	-9.30E+01	1.65E+02	1.22E-03	-5.56E+00
4.44E+01	-9.30E+01	1.65E+02	1.46E-02	-5.55E+00
4.45E+01	-9.30E+01	1.65E+02	-1.95E-02	-5.56E+00
4.45E+01	-9.30E+01	1.65E+02	-9.77E-03	-5.56E+00
4.45E+01	-9.30E+01	1.65E+02	-4.27E-02	-5.55E+00
4.45E+01	-9.30E+01	1.65E+02	-3.66E-02	-5.57E+00
4.45E+01	-9.30E+01	1.65E+02	-1.46E-02	-5.55E+00
4.46E+01	-9.30E+01	1.65E+02	-1.71E-02	-5.55E+00
4.46E+01	-9.30E+01	1.65E+02	-1.71E-02	-5.55E+00
4.46E+01	-9.30E+01	1.65E+02	-2.44E-03	-5.55E+00
4.46E+01	-9.30E+01	1.65E+02	-2.08E-02	-5.54E+00
4.46E+01	-9.30E+01	1.65E+02	-7.32E-03	-5.55E+00
4.47E+01	-9.30E+01	1.65E+02	-8.54E-03	-5.54E+00
4.47E+01	-9.30E+01	1.65E+02	-4.88E-03	-5.53E+00
4.47E+01	-9.30E+01	1.65E+02	-1.95E-02	-5.54E+00
4.47E+01	-9.30E+01	1.65E+02	-7.32E-03	-5.54E+00
4.47E+01	-9.30E+01	1.65E+02	-2.69E-02	-5.54E+00
4.48E+01	-9.30E+01	1.65E+02	-8.54E-03	-5.54E+00
4.48E+01	-9.30E+01	1.65E+02	-1.59E-02	-5.54E+00

4.48E+01	-9.30E+01	1.65E+02	-1.22E-02	-5.53E+00
4.48E+01	-9.30E+01	1.65E+02	-1.71E-02	-5.53E+00
4.48E+01	-9.30E+01	1.65E+02	-2.08E-02	-5.52E+00
4.49E+01	-9.30E+01	1.65E+02	-3.17E-02	-5.54E+00
4.49E+01	-9.30E+01	1.65E+02	1.95E-02	-5.52E+00
4.49E+01	-9.30E+01	1.65E+02	-3.42E-02	-5.52E+00
4.49E+01	-9.30E+01	1.64E+02	-6.10E-03	-5.52E+00
4.49E+01	-9.30E+01	1.65E+02	-2.32E-02	-5.52E+00
4.50E+01	-9.30E+01	1.64E+02	-3.54E-02	-5.51E+00
4.50E+01	-9.30E+01	1.65E+02	-2.56E-02	-5.51E+00
4.50E+01	-9.30E+01	1.64E+02	-1.59E-02	-5.52E+00
4.50E+01	-9.30E+01	1.65E+02	-2.44E-02	-5.50E+00
4.50E+01	-9.30E+01	1.65E+02	7.32E-03	-5.51E+00
4.51E+01	-9.30E+01	1.65E+02	-1.71E-02	-5.50E+00
4.51E+01	-9.30E+01	1.64E+02	-1.95E-02	-5.51E+00
4.51E+01	-9.30E+01	1.64E+02	-1.95E-02	-5.50E+00
4.51E+01	-9.30E+01	1.64E+02	-4.52E-02	-5.50E+00
4.51E+01	-9.30E+01	1.65E+02	-1.71E-02	-5.50E+00
4.52E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.51E+00
4.52E+01	-9.30E+01	1.65E+02	-2.69E-02	-5.50E+00
4.52E+01	-9.30E+01	1.64E+02	-1.34E-02	-5.50E+00
4.52E+01	-9.30E+01	1.65E+02	-4.39E-02	-5.50E+00
4.52E+01	-9.30E+01	1.64E+02	-9.77E-03	-5.49E+00
4.53E+01	-9.30E+01	1.64E+02	-2.44E-02	-5.49E+00
4.53E+01	-9.30E+01	1.64E+02	1.22E-02	-5.49E+00
4.53E+01	-9.30E+01	1.65E+02	-2.93E-02	-5.48E+00
4.53E+01	-9.30E+01	1.64E+02	-1.46E-02	-5.48E+00
4.53E+01	-9.30E+01	1.64E+02	-1.95E-02	-5.49E+00
4.54E+01	-9.30E+01	1.64E+02	8.54E-03	-5.48E+00
4.54E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.49E+00
4.54E+01	-9.30E+01	1.64E+02	-1.46E-02	-5.48E+00
4.54E+01	-9.30E+01	1.64E+02	-2.56E-02	-5.49E+00
4.54E+01	-9.30E+01	1.64E+02	9.77E-03	-5.47E+00
4.55E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.48E+00
4.55E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.47E+00
4.55E+01	-9.30E+01	1.64E+02	-1.46E-02	-5.49E+00
4.55E+01	-9.30E+01	1.64E+02	-2.93E-02	-5.46E+00
4.55E+01	-9.30E+01	1.64E+02	-3.78E-02	-5.49E+00
4.56E+01	-9.30E+01	1.64E+02	-1.22E-02	-5.46E+00
4.56E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.47E+00
4.56E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.45E+00
4.56E+01	-9.30E+01	1.64E+02	-2.69E-02	-5.48E+00
4.56E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.45E+00
4.57E+01	-9.30E+01	1.64E+02	-2.93E-02	-5.47E+00
4.57E+01	-9.30E+01	1.64E+02	9.77E-03	-5.45E+00
4.57E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.47E+00
4.57E+01	-9.30E+01	1.63E+02	-2.44E-03	-5.45E+00

4.57E+01	-9.30E+01	1.64E+02	-2.69E-02	-5.46E+00
4.58E+01	-9.30E+01	1.64E+02	3.66E-03	-5.44E+00
4.58E+01	-9.30E+01	1.64E+02	-4.76E-02	-5.46E+00
4.58E+01	-9.30E+01	1.64E+02	-7.32E-03	-5.44E+00
4.58E+01	-9.30E+01	1.64E+02	-2.69E-02	-5.45E+00
4.58E+01	-9.30E+01	1.64E+02	-8.54E-03	-5.43E+00
4.59E+01	-9.30E+01	1.63E+02	-2.93E-02	-5.45E+00
4.59E+01	-9.30E+01	1.64E+02	-2.44E-03	-5.43E+00
4.59E+01	-9.30E+01	1.64E+02	-2.44E-02	-5.44E+00
4.59E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.43E+00
4.59E+01	-9.30E+01	1.64E+02	-2.44E-02	-5.43E+00
4.60E+01	-9.30E+01	1.64E+02	-4.39E-02	-5.44E+00
4.60E+01	-9.30E+01	1.64E+02	-1.46E-02	-5.44E+00
4.60E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.43E+00
4.60E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.44E+00
4.60E+01	-9.30E+01	1.64E+02	-1.22E-02	-5.42E+00
4.61E+01	-9.30E+01	1.63E+02	-1.71E-02	-5.43E+00
4.61E+01	-9.30E+01	1.64E+02	-2.08E-02	-5.42E+00
4.61E+01	-9.30E+01	1.63E+02	-7.32E-03	-5.43E+00
4.61E+01	-9.30E+01	1.64E+02	-3.42E-02	-5.41E+00
4.61E+01	-9.30E+01	1.63E+02	-2.44E-02	-5.42E+00
4.62E+01	-9.30E+01	1.64E+02	-2.08E-02	-5.42E+00
4.62E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.41E+00
4.62E+01	-9.30E+01	1.63E+02	-2.20E-02	-5.41E+00
4.62E+01	-9.30E+01	1.63E+02	1.22E-02	-5.41E+00
4.62E+01	-9.30E+01	1.64E+02	-2.44E-02	-5.41E+00
4.63E+01	-9.30E+01	1.63E+02	-2.69E-02	-5.42E+00
4.63E+01	-9.30E+01	1.64E+02	-1.83E-02	-5.39E+00
4.63E+01	-9.30E+01	1.63E+02	-1.59E-02	-5.41E+00
4.63E+01	-9.30E+01	1.64E+02	-6.10E-03	-5.40E+00
4.63E+01	-9.30E+01	1.63E+02	-2.69E-02	-5.41E+00
4.64E+01	-9.30E+01	1.63E+02	2.44E-03	-5.40E+00
4.64E+01	-9.30E+01	1.64E+02	-2.93E-02	-5.40E+00
4.64E+01	-9.30E+01	1.64E+02	-1.10E-02	-5.38E+00
4.64E+01	-9.30E+01	1.64E+02	-2.56E-02	-5.40E+00
4.64E+01	-9.30E+01	1.63E+02	-9.77E-03	-5.40E+00
4.65E+01	-9.30E+01	1.63E+02	-3.05E-02	-5.39E+00
4.65E+01	-9.30E+01	1.63E+02	-3.66E-03	-5.39E+00
4.65E+01	-9.30E+01	1.63E+02	-2.44E-02	-5.38E+00
4.65E+01	-9.30E+01	1.63E+02	-1.71E-02	-5.38E+00
4.65E+01	-9.30E+01	1.64E+02	-3.66E-02	-5.38E+00
4.66E+01	-9.30E+01	1.63E+02	-1.46E-02	-5.40E+00
4.66E+01	-9.30E+01	1.63E+02	-1.95E-02	-5.38E+00
4.66E+01	-9.30E+01	1.63E+02	-1.22E-02	-5.38E+00
4.66E+01	-9.30E+01	1.64E+02	-2.81E-02	-5.38E+00
4.66E+01	-9.30E+01	1.64E+02	-3.78E-02	-5.39E+00
4.67E+01	-9.30E+01	1.63E+02	-9.77E-03	-5.36E+00

4.67E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.38E+00
4.67E+01	-9.30E+01	1.63E+02	-2.56E-02	-5.36E+00
4.67E+01	-9.30E+01	1.64E+02	-9.77E-03	-5.37E+00
4.67E+01	-9.30E+01	1.64E+02	-8.54E-03	-5.36E+00
4.68E+01	-9.30E+01	1.63E+02	-1.46E-02	-5.37E+00
4.68E+01	-9.30E+01	1.63E+02	-1.83E-02	-5.36E+00
4.68E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.37E+00
4.68E+01	-9.30E+01	1.63E+02	-1.10E-02	-5.36E+00
4.68E+01	-9.30E+01	1.63E+02	-2.69E-02	-5.37E+00
4.69E+01	-9.30E+01	1.63E+02	4.88E-03	-5.35E+00
4.69E+01	-9.30E+01	1.63E+02	-2.44E-02	-5.35E+00
4.69E+01	-9.30E+01	1.63E+02	7.32E-03	-5.35E+00
4.69E+01	-9.30E+01	1.63E+02	-2.44E-02	-5.35E+00
4.69E+01	-9.30E+01	1.63E+02	-1.95E-02	-5.36E+00
4.70E+01	-9.30E+01	1.63E+02	0.00E+00	-5.34E+00
4.70E+01	-9.30E+01	1.63E+02	-2.44E-02	-5.36E+00
4.70E+01	-9.30E+01	1.63E+02	-3.66E-03	-5.34E+00
4.70E+01	-9.30E+01	1.63E+02	-2.32E-02	-5.35E+00
4.70E+01	-9.30E+01	1.63E+02	6.10E-03	-5.34E+00
4.71E+01	-9.30E+01	1.63E+02	-3.42E-02	-5.35E+00
4.71E+01	-9.30E+01	1.63E+02	2.69E-02	-5.34E+00
4.71E+01	-9.30E+01	1.63E+02	-1.59E-02	-5.33E+00
4.71E+01	-9.30E+01	1.63E+02	-2.20E-02	-5.34E+00
4.71E+01	-9.30E+01	1.63E+02	-2.56E-02	-5.33E+00
4.72E+01	-9.30E+01	1.63E+02	1.22E-02	-5.34E+00
4.72E+01	-9.30E+01	1.63E+02	-1.46E-02	-5.32E+00
4.72E+01	-9.30E+01	1.63E+02	-3.05E-02	-5.33E+00
4.72E+01	-9.30E+01	1.63E+02	-1.22E-02	-5.32E+00
4.72E+01	-9.30E+01	1.63E+02	-3.66E-02	-5.33E+00
4.73E+01	-9.30E+01	1.63E+02	-4.88E-03	-5.32E+00
4.73E+01	-9.30E+01	1.63E+02	-2.56E-02	-5.33E+00
4.73E+01	-9.30E+01	1.63E+02	-1.46E-02	-5.31E+00
4.73E+01	-9.30E+01	1.63E+02	-2.69E-02	-5.32E+00
4.73E+01	-9.30E+01	1.63E+02	-7.32E-03	-5.31E+00
4.74E+01	-9.30E+01	1.63E+02	-2.93E-02	-5.31E+00
4.74E+01	-9.30E+01	1.63E+02	0.00E+00	-5.32E+00
4.74E+01	-9.30E+01	1.63E+02	-2.93E-02	-5.31E+00
4.74E+01	-9.30E+01	1.63E+02	-7.32E-03	-5.33E+00
4.74E+01	-9.30E+01	1.63E+02	-1.83E-02	-5.30E+00
4.75E+01	-9.30E+01	1.62E+02	-1.59E-02	-5.31E+00
4.75E+01	-9.30E+01	1.63E+02	-1.95E-02	-5.30E+00
4.75E+01	-9.30E+01	1.63E+02	-2.20E-02	-5.30E+00
4.75E+01	-9.30E+01	1.62E+02	-6.10E-03	-5.30E+00
4.75E+01	-9.30E+01	1.63E+02	-3.42E-02	-5.30E+00
4.76E+01	-9.30E+01	1.62E+02	-3.66E-03	-5.30E+00
4.76E+01	-9.30E+01	1.62E+02	-4.39E-02	-5.30E+00
4.76E+01	-9.30E+01	1.62E+02	-1.34E-02	-5.30E+00

4.76E+01	-9.30E+01	1.62E+02	-2.32E-02	-5.29E+00
4.76E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.29E+00
4.77E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.28E+00
4.77E+01	-9.30E+01	1.62E+02	-1.59E-02	-5.29E+00
4.77E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.28E+00
4.77E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.29E+00
4.77E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.28E+00
4.78E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.27E+00
4.78E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.28E+00
4.78E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.27E+00
4.78E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.28E+00
4.78E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.28E+00
4.79E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.28E+00
4.79E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.27E+00
4.79E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.27E+00
4.79E+01	-9.30E+01	1.62E+02	2.44E-03	-5.26E+00
4.79E+01	-9.30E+01	1.62E+02	-2.08E-02	-5.27E+00
4.80E+01	-9.30E+01	1.62E+02	-1.10E-02	-5.26E+00
4.80E+01	-9.30E+01	1.62E+02	-2.69E-02	-5.26E+00
4.80E+01	-9.30E+01	1.61E+02	-1.46E-02	-5.26E+00
4.80E+01	-9.30E+01	1.62E+02	-1.71E-02	-5.26E+00
4.80E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.26E+00
4.81E+01	-9.30E+01	1.62E+02	-2.93E-02	-5.25E+00
4.81E+01	-9.30E+01	1.62E+02	-2.08E-02	-5.25E+00
4.81E+01	-9.30E+01	1.61E+02	-2.69E-02	-5.25E+00
4.81E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.25E+00
4.81E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.24E+00
4.82E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.25E+00
4.82E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.24E+00
4.82E+01	-9.30E+01	1.61E+02	-3.66E-02	-5.24E+00
4.82E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.24E+00
4.82E+01	-9.30E+01	1.61E+02	-2.08E-02	-5.25E+00
4.83E+01	-9.30E+01	1.61E+02	-2.44E-03	-5.23E+00
4.83E+01	-9.30E+01	1.61E+02	-2.44E-02	-5.25E+00
4.83E+01	-9.30E+01	1.62E+02	2.44E-03	-5.24E+00
4.83E+01	-9.30E+01	1.62E+02	-3.30E-02	-5.23E+00
4.83E+01	-9.30E+01	1.61E+02	-9.77E-03	-5.24E+00
4.84E+01	-9.30E+01	1.61E+02	-9.77E-03	-5.24E+00
4.84E+01	-9.30E+01	1.62E+02	-1.71E-02	-5.24E+00
4.84E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.22E+00
4.84E+01	-9.30E+01	1.61E+02	-4.15E-02	-5.23E+00
4.84E+01	-9.30E+01	1.61E+02	-6.10E-03	-5.23E+00
4.85E+01	-9.30E+01	1.61E+02	-4.39E-02	-5.23E+00
4.85E+01	-9.30E+01	1.61E+02	-1.10E-02	-5.21E+00
4.85E+01	-9.30E+01	1.61E+02	-3.05E-02	-5.23E+00
4.85E+01	-9.30E+01	1.61E+02	-1.59E-02	-5.22E+00
4.85E+01	-9.30E+01	1.61E+02	-1.71E-02	-5.21E+00

4.86E+01	-9.30E+01	1.61E+02	-1.46E-02	-5.22E+00
4.86E+01	-9.30E+01	1.61E+02	-2.20E-02	-5.21E+00
4.86E+01	-9.30E+01	1.61E+02	-7.32E-03	-5.21E+00
4.86E+01	-9.30E+01	1.61E+02	-2.20E-02	-5.21E+00
4.86E+01	-9.30E+01	1.61E+02	-3.05E-02	-5.22E+00
4.87E+01	-9.30E+01	1.61E+02	-4.88E-03	-5.20E+00
4.87E+01	-9.30E+01	1.61E+02	-3.42E-02	-5.21E+00
4.87E+01	-9.30E+01	1.61E+02	4.88E-03	-5.20E+00
4.87E+01	-9.30E+01	1.61E+02	-5.37E-02	-5.20E+00
4.87E+01	-9.30E+01	1.61E+02	-9.77E-03	-5.20E+00
4.88E+01	-9.30E+01	1.61E+02	-2.44E-02	-5.19E+00
4.88E+01	-9.30E+01	1.61E+02	-1.95E-02	-5.21E+00
4.88E+01	-9.30E+01	1.61E+02	-2.44E-02	-5.19E+00
4.88E+01	-9.30E+01	1.61E+02	-3.66E-02	-5.20E+00
4.88E+01	-9.30E+01	1.60E+02	-2.44E-03	-5.19E+00
4.89E+01	-9.30E+01	1.61E+02	-2.69E-02	-5.19E+00
4.89E+01	-9.30E+01	1.61E+02	-2.69E-02	-5.20E+00
4.89E+01	-9.30E+01	1.61E+02	-1.95E-02	-5.19E+00
4.89E+01	-9.30E+01	1.61E+02	-1.22E-02	-5.19E+00
4.89E+01	-9.30E+01	1.61E+02	-3.17E-02	-5.18E+00
4.90E+01	-9.30E+01	1.61E+02	-1.95E-02	-5.18E+00
4.90E+01	-9.30E+01	1.61E+02	-1.46E-02	-5.17E+00
4.90E+01	-9.30E+01	1.60E+02	-1.10E-02	-5.18E+00
4.90E+01	-9.30E+01	1.60E+02	-1.71E-02	-5.18E+00
4.90E+01	-9.30E+01	1.60E+02	-9.77E-03	-5.18E+00
4.91E+01	-9.30E+01	1.61E+02	-2.32E-02	-5.17E+00
4.91E+01	-9.30E+01	1.61E+02	-1.22E-02	-5.17E+00
4.91E+01	-9.30E+01	1.61E+02	-2.44E-02	-5.16E+00
4.91E+01	-9.30E+01	1.60E+02	-1.83E-02	-5.17E+00
4.91E+01	-9.30E+01	1.61E+02	-1.46E-02	-5.16E+00
4.92E+01	-9.30E+01	1.60E+02	-2.20E-02	-5.17E+00
4.92E+01	-9.30E+01	1.61E+02	-1.22E-02	-5.15E+00
4.92E+01	-9.30E+01	1.60E+02	-6.10E-03	-5.16E+00
4.92E+01	-9.30E+01	1.60E+02	-1.46E-02	-5.16E+00
4.92E+01	-9.30E+01	1.60E+02	-9.77E-03	-5.16E+00
4.93E+01	-9.30E+01	1.60E+02	-1.71E-02	-5.15E+00
4.93E+01	-9.30E+01	1.61E+02	-3.42E-02	-5.16E+00
4.93E+01	-9.30E+01	1.61E+02	1.46E-02	-5.15E+00
4.93E+01	-9.30E+01	1.60E+02	-2.56E-02	-5.15E+00
4.93E+01	-9.30E+01	1.60E+02	-7.32E-03	-5.14E+00
4.94E+01	-9.30E+01	1.61E+02	-4.52E-02	-5.15E+00
4.94E+01	-9.30E+01	1.61E+02	4.88E-03	-5.13E+00
4.94E+01	-9.30E+01	1.61E+02	-2.44E-02	-5.15E+00
4.94E+01	-9.30E+01	1.60E+02	-9.77E-03	-5.14E+00
4.94E+01	-9.30E+01	1.60E+02	-2.93E-02	-5.14E+00
4.95E+01	-9.30E+01	1.60E+02	9.77E-03	-5.14E+00
4.95E+01	-9.30E+01	1.60E+02	-1.95E-02	-5.13E+00

4.95E+01	-9.30E+01	1.60E+02	-1.59E-02	-5.14E+00
4.95E+01	-9.30E+01	1.60E+02	-7.32E-03	-5.13E+00
4.95E+01	-9.30E+01	1.60E+02	-5.86E-02	-5.15E+00
4.96E+01	-9.30E+01	1.60E+02	-1.22E-02	-5.12E+00
4.96E+01	-9.30E+01	1.60E+02	-3.17E-02	-5.13E+00
4.96E+01	-9.30E+01	1.60E+02	-1.22E-02	-5.13E+00
4.96E+01	-9.30E+01	1.60E+02	-4.15E-02	-5.13E+00
4.96E+01	-9.30E+01	1.60E+02	-8.54E-03	-5.13E+00
4.97E+01	-9.30E+01	1.60E+02	-1.95E-02	-5.12E+00
4.97E+01	-9.30E+01	1.60E+02	-7.32E-03	-5.12E+00
4.97E+01	-9.30E+01	1.60E+02	-2.44E-02	-5.11E+00
4.97E+01	-9.30E+01	1.60E+02	-1.83E-02	-5.12E+00
4.97E+01	-9.30E+01	1.60E+02	-2.69E-02	-5.11E+00
4.98E+01	-9.30E+01	1.60E+02	0.00E+00	-5.12E+00
4.98E+01	-9.30E+01	1.60E+02	-1.83E-02	-5.11E+00
4.98E+01	-9.30E+01	1.60E+02	-3.66E-02	-5.12E+00
4.98E+01	-9.30E+01	1.60E+02	-1.71E-02	-5.11E+00
4.98E+01	-9.30E+01	1.60E+02	-8.54E-03	-5.11E+00
4.99E+01	-9.30E+01	1.60E+02	-2.44E-02	-5.11E+00
4.99E+01	-9.30E+01	1.60E+02	-3.66E-02	-5.12E+00
4.99E+01	-9.30E+01	1.60E+02	-9.77E-03	-5.10E+00
4.99E+01	-9.30E+01	1.60E+02	-2.93E-02	-5.11E+00
4.99E+01	-9.30E+01	1.60E+02	-6.10E-03	-5.09E+00
5.00E+01	-9.30E+01	1.60E+02	-1.46E-02	-5.11E+00
5.00E+01	-9.30E+01	1.60E+02	-1.22E-03	-5.09E+00
5.00E+01	-9.30E+01	1.60E+02	-3.78E-02	-5.09E+00
5.00E+01	-9.30E+01	1.59E+02	1.10E-02	-5.09E+00
5.00E+01	-9.30E+01	1.60E+02	-8.54E-03	-5.08E+00
5.01E+01	-9.30E+01	1.60E+02	-1.34E-02	-5.09E+00
5.01E+01	-9.30E+01	1.60E+02	-2.56E-02	-5.09E+00
5.01E+01	-9.30E+01	1.59E+02	3.66E-03	-5.09E+00
5.01E+01	-9.30E+01	1.59E+02	-1.59E-02	-5.09E+00
5.01E+01	-9.30E+01	1.60E+02	2.20E-02	-5.09E+00
5.02E+01	-9.30E+01	1.60E+02	-1.46E-02	-5.08E+00
5.02E+01	-9.30E+01	1.59E+02	-1.83E-02	-5.09E+00
5.02E+01	-9.30E+01	1.59E+02	-6.10E-03	-5.06E+00
5.02E+01	-9.30E+01	1.60E+02	-3.66E-02	-5.08E+00
5.02E+01	-9.30E+01	1.60E+02	-2.44E-03	-5.07E+00
5.03E+01	-9.30E+01	1.59E+02	-2.93E-02	-5.07E+00
5.03E+01	-9.30E+01	1.59E+02	-2.44E-03	-5.07E+00
5.03E+01	-9.30E+01	1.60E+02	-1.34E-02	-5.07E+00
5.03E+01	-9.30E+01	1.60E+02	-1.22E-02	-5.07E+00
5.03E+01	-9.30E+01	1.60E+02	-3.17E-02	-5.07E+00
5.04E+01	-9.30E+01	1.59E+02	-3.66E-03	-5.06E+00
5.04E+01	-9.30E+01	1.60E+02	-2.44E-03	-5.06E+00
5.04E+01	-9.30E+01	1.60E+02	-2.44E-03	-5.06E+00
5.04E+01	-9.30E+01	1.60E+02	-2.69E-02	-5.06E+00

5.04E+01	-9.30E+01	1.59E+02	-1.71E-02	-5.06E+00
5.05E+01	-9.30E+01	1.60E+02	-7.32E-03	-5.05E+00
5.05E+01	-9.30E+01	1.59E+02	-1.46E-02	-5.06E+00
5.05E+01	-9.30E+01	1.59E+02	-1.59E-02	-5.05E+00
5.05E+01	-9.30E+01	1.59E+02	-7.32E-03	-5.06E+00
5.05E+01	-9.30E+01	1.59E+02	1.22E-02	-5.04E+00
5.06E+01	-9.30E+01	1.59E+02	-2.32E-02	-5.06E+00
5.06E+01	-9.30E+01	1.59E+02	-1.22E-02	-5.04E+00
5.06E+01	-9.30E+01	1.59E+02	-2.56E-02	-5.06E+00
5.06E+01	-9.30E+01	1.59E+02	-1.10E-02	-5.04E+00
5.06E+01	-9.30E+01	1.59E+02	-2.44E-03	-5.05E+00
5.07E+01	-9.30E+01	1.59E+02	1.22E-03	-5.04E+00
5.07E+01	-9.30E+01	1.59E+02	-3.42E-02	-5.04E+00
5.07E+01	-9.30E+01	1.59E+02	-1.22E-02	-5.04E+00
5.07E+01	-9.30E+01	1.59E+02	-1.22E-03	-5.03E+00
5.07E+01	-9.30E+01	1.59E+02	-1.71E-02	-5.04E+00
5.08E+01	-9.30E+01	1.59E+02	-1.83E-02	-5.03E+00
5.08E+01	-9.30E+01	1.59E+02	-4.88E-03	-5.03E+00
5.08E+01	-9.30E+01	1.59E+02	-9.77E-03	-5.02E+00
5.08E+01	-9.30E+01	1.59E+02	-2.20E-02	-5.03E+00
5.08E+01	-9.30E+01	1.59E+02	-4.88E-03	-5.02E+00
5.09E+01	-9.30E+01	1.59E+02	-1.71E-02	-5.03E+00
5.09E+01	-9.30E+01	1.59E+02	-4.88E-03	-5.01E+00
5.09E+01	-9.30E+01	1.59E+02	-1.71E-02	-5.03E+00
5.09E+01	-9.30E+01	1.59E+02	-2.44E-03	-5.02E+00
5.09E+01	-9.30E+01	1.59E+02	-2.93E-02	-5.01E+00
5.10E+01	-9.30E+01	1.59E+02	-1.71E-02	-5.02E+00
5.10E+01	-9.30E+01	1.59E+02	-4.88E-03	-5.01E+00
5.10E+01	-9.30E+01	1.58E+02	-4.52E-02	-5.02E+00
5.10E+01	-9.30E+01	1.59E+02	-1.10E-02	-5.01E+00
5.10E+01	-9.30E+01	1.59E+02	-2.81E-02	-5.00E+00
5.11E+01	-9.30E+01	1.59E+02	1.22E-02	-5.02E+00
5.11E+01	-9.30E+01	1.59E+02	-1.71E-02	-5.00E+00
5.11E+01	-9.30E+01	1.59E+02	0.00E+00	-5.00E+00
5.11E+01	-9.30E+01	1.59E+02	-2.20E-02	-5.00E+00
5.11E+01	-9.30E+01	1.58E+02	-1.95E-02	-4.99E+00
5.12E+01	-9.30E+01	1.58E+02	-3.54E-02	-5.00E+00
5.12E+01	-9.30E+01	1.58E+02	-7.32E-03	-5.00E+00
5.12E+01	-9.30E+01	1.59E+02	-2.20E-02	-4.99E+00
5.12E+01	-9.30E+01	1.58E+02	-1.34E-02	-5.00E+00
5.12E+01	-9.30E+01	1.59E+02	-2.08E-02	-4.99E+00
5.13E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.99E+00
5.13E+01	-9.30E+01	1.58E+02	4.88E-03	-4.99E+00
5.13E+01	-9.30E+01	1.58E+02	-3.91E-02	-4.99E+00
5.13E+01	-9.30E+01	1.59E+02	0.00E+00	-4.98E+00
5.13E+01	-9.30E+01	1.58E+02	-1.59E-02	-4.97E+00
5.14E+01	-9.30E+01	1.58E+02	-2.44E-02	-4.99E+00

5.14E+01	-9.30E+01	1.58E+02	-9.77E-03	-4.98E+00
5.14E+01	-9.30E+01	1.59E+02	-3.17E-02	-4.98E+00
5.14E+01	-9.30E+01	1.58E+02	-3.17E-02	-4.99E+00
5.14E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.97E+00
5.15E+01	-9.30E+01	1.58E+02	-1.71E-02	-4.97E+00
5.15E+01	-9.30E+01	1.58E+02	-1.22E-02	-4.96E+00
5.15E+01	-9.30E+01	1.58E+02	-3.78E-02	-4.96E+00
5.15E+01	-9.30E+01	1.58E+02	-2.44E-03	-4.96E+00
5.15E+01	-9.30E+01	1.58E+02	-3.91E-02	-4.97E+00
5.16E+01	-9.30E+01	1.58E+02	-8.54E-03	-4.96E+00
5.16E+01	-9.30E+01	1.58E+02	-2.81E-02	-4.95E+00
5.16E+01	-9.30E+01	1.58E+02	-1.71E-02	-4.97E+00
5.16E+01	-9.30E+01	1.58E+02	-2.20E-02	-4.96E+00
5.16E+01	-9.30E+01	1.58E+02	-1.71E-02	-4.96E+00
5.17E+01	-9.30E+01	1.58E+02	-1.71E-02	-4.95E+00
5.17E+01	-9.30E+01	1.57E+02	-1.34E-02	-4.96E+00
5.17E+01	-9.30E+01	1.58E+02	-1.95E-02	-4.95E+00
5.17E+01	-9.30E+01	1.58E+02	-1.71E-02	-4.96E+00
5.17E+01	-9.30E+01	1.58E+02	0.00E+00	-4.93E+00
5.18E+01	-9.30E+01	1.58E+02	-2.44E-02	-4.95E+00
5.18E+01	-9.30E+01	1.58E+02	-1.22E-03	-4.94E+00
5.18E+01	-9.30E+01	1.58E+02	-4.15E-02	-4.95E+00
5.18E+01	-9.30E+01	1.58E+02	4.88E-03	-4.94E+00
5.18E+01	-9.30E+01	1.58E+02	-4.52E-02	-4.94E+00
5.19E+01	-9.30E+01	1.58E+02	-1.34E-02	-4.94E+00
5.19E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.93E+00
5.19E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.94E+00
5.19E+01	-9.30E+01	1.57E+02	-1.10E-02	-4.93E+00
5.19E+01	-9.30E+01	1.58E+02	-3.30E-02	-4.94E+00
5.20E+01	-9.30E+01	1.58E+02	-9.77E-03	-4.93E+00
5.20E+01	-9.30E+01	1.58E+02	-2.20E-02	-4.93E+00
5.20E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.94E+00
5.20E+01	-9.30E+01	1.57E+02	-3.66E-02	-4.92E+00
5.20E+01	-9.30E+01	1.58E+02	-1.95E-02	-4.93E+00
5.21E+01	-9.30E+01	1.58E+02	-7.32E-03	-4.91E+00
5.21E+01	-9.30E+01	1.57E+02	-3.17E-02	-4.93E+00
5.21E+01	-9.30E+01	1.57E+02	-3.17E-02	-4.92E+00
5.21E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.92E+00
5.21E+01	-9.30E+01	1.57E+02	-1.71E-02	-4.92E+00
5.22E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.91E+00
5.22E+01	-9.30E+01	1.57E+02	-4.88E-03	-4.91E+00
5.22E+01	-9.30E+01	1.57E+02	-1.10E-02	-4.90E+00
5.22E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.91E+00
5.22E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.90E+00
5.23E+01	-9.30E+01	1.57E+02	-2.44E-03	-4.91E+00
5.23E+01	-9.30E+01	1.57E+02	-4.88E-03	-4.90E+00
5.23E+01	-9.30E+01	1.57E+02	-1.71E-02	-4.90E+00

5.23E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.91E+00
5.23E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.90E+00
5.24E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.90E+00
5.24E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.89E+00
5.24E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.89E+00
5.24E+01	-9.30E+01	1.57E+02	-3.42E-02	-4.89E+00
5.24E+01	-9.30E+01	1.57E+02	-6.10E-03	-4.89E+00
5.25E+01	-9.30E+01	1.57E+02	-3.05E-02	-4.89E+00
5.25E+01	-9.30E+01	1.57E+02	-4.88E-03	-4.88E+00
5.25E+01	-9.30E+01	1.57E+02	-3.42E-02	-4.89E+00
5.25E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.89E+00
5.25E+01	-9.30E+01	1.57E+02	-1.46E-02	-4.88E+00
5.26E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.88E+00
5.26E+01	-9.30E+01	1.57E+02	3.17E-02	-4.87E+00
5.26E+01	-9.30E+01	1.57E+02	-3.17E-02	-4.87E+00
5.26E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.87E+00
5.26E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.88E+00
5.27E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.87E+00
5.27E+01	-9.30E+01	1.57E+02	-3.91E-02	-4.86E+00
5.27E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.87E+00
5.27E+01	-9.30E+01	1.56E+02	-2.44E-03	-4.87E+00
5.27E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.86E+00
5.28E+01	-9.30E+01	1.56E+02	1.22E-02	-4.86E+00
5.28E+01	-9.30E+01	1.57E+02	-1.71E-02	-4.86E+00
5.28E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.86E+00
5.28E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.86E+00
5.28E+01	-9.30E+01	1.56E+02	2.44E-03	-4.86E+00
5.29E+01	-9.30E+01	1.57E+02	-8.54E-03	-4.85E+00
5.29E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.86E+00
5.29E+01	-9.30E+01	1.56E+02	1.22E-03	-4.84E+00
5.29E+01	-9.30E+01	1.56E+02	-1.34E-02	-4.87E+00
5.29E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.85E+00
5.30E+01	-9.30E+01	1.57E+02	-2.81E-02	-4.84E+00
5.30E+01	-9.30E+01	1.56E+02	-6.10E-03	-4.85E+00
5.30E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.85E+00
5.30E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.85E+00
5.30E+01	-9.30E+01	1.57E+02	-2.44E-03	-4.83E+00
5.31E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.83E+00
5.31E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.83E+00
5.31E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.84E+00
5.31E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.84E+00
5.31E+01	-9.30E+01	1.56E+02	-1.95E-02	-4.83E+00
5.32E+01	-9.30E+01	1.56E+02	-4.88E-03	-4.83E+00
5.32E+01	-9.30E+01	1.57E+02	-1.46E-02	-4.83E+00
5.32E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.83E+00
5.32E+01	-9.30E+01	1.56E+02	-8.54E-03	-4.82E+00
5.32E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.82E+00

5.33E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.83E+00
5.33E+01	-9.30E+01	1.56E+02	-4.52E-02	-4.83E+00
5.33E+01	-9.30E+01	1.57E+02	-6.10E-03	-4.81E+00
5.33E+01	-9.30E+01	1.57E+02	-4.52E-02	-4.82E+00
5.33E+01	-9.30E+01	1.56E+02	1.22E-03	-4.80E+00
5.34E+01	-9.30E+01	1.57E+02	-5.00E-02	-4.81E+00
5.34E+01	-9.30E+01	1.56E+02	-1.95E-02	-4.82E+00
5.34E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.80E+00
5.34E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.82E+00
5.34E+01	-9.30E+01	1.57E+02	1.95E-02	-4.81E+00
5.35E+01	-9.30E+01	1.56E+02	-3.17E-02	-4.81E+00
5.35E+01	-9.30E+01	1.56E+02	-1.22E-03	-4.81E+00
5.35E+01	-9.30E+01	1.57E+02	-3.54E-02	-4.80E+00
5.35E+01	-9.30E+01	1.56E+02	-1.95E-02	-4.81E+00
5.35E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.78E+00
5.36E+01	-9.30E+01	1.56E+02	-2.56E-02	-4.80E+00
5.36E+01	-9.30E+01	1.57E+02	0.00E+00	-4.79E+00
5.36E+01	-9.30E+01	1.56E+02	-2.44E-03	-4.80E+00
5.36E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.79E+00
5.36E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.80E+00
5.37E+01	-9.30E+01	1.56E+02	-4.88E-03	-4.78E+00
5.37E+01	-9.30E+01	1.56E+02	-5.13E-02	-4.79E+00
5.37E+01	-9.30E+01	1.56E+02	-3.66E-03	-4.77E+00
5.37E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.78E+00
5.37E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.78E+00
5.38E+01	-9.30E+01	1.57E+02	-2.44E-03	-4.77E+00
5.38E+01	-9.30E+01	1.56E+02	-2.44E-03	-4.79E+00
5.38E+01	-9.30E+01	1.56E+02	-4.88E-03	-4.77E+00
5.38E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.78E+00
5.38E+01	-9.30E+01	1.57E+02	-1.34E-02	-4.77E+00
5.39E+01	-9.30E+01	1.56E+02	-3.91E-02	-4.79E+00
5.39E+01	-9.30E+01	1.56E+02	3.66E-03	-4.77E+00
5.39E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.76E+00
5.39E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.77E+00
5.39E+01	-9.30E+01	1.57E+02	-6.10E-03	-4.75E+00
5.40E+01	-9.30E+01	1.56E+02	-2.32E-02	-4.77E+00
5.40E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.76E+00
5.40E+01	-9.30E+01	1.57E+02	-3.05E-02	-4.76E+00
5.40E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.76E+00
5.40E+01	-9.30E+01	1.56E+02	-4.64E-02	-4.76E+00
5.41E+01	-9.30E+01	1.56E+02	-2.08E-02	-4.75E+00
5.41E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.75E+00
5.41E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.76E+00
5.41E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.75E+00
5.41E+01	-9.30E+01	1.56E+02	-4.15E-02	-4.75E+00
5.42E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.74E+00
5.42E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.75E+00

5.42E+01	-9.30E+01	1.56E+02	-1.34E-02	-4.75E+00
5.42E+01	-9.30E+01	1.56E+02	-5.86E-02	-4.74E+00
5.42E+01	-9.30E+01	1.56E+02	-1.34E-02	-4.74E+00
5.43E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.74E+00
5.43E+01	-9.30E+01	1.57E+02	-2.81E-02	-4.75E+00
5.43E+01	-9.30E+01	1.56E+02	-4.39E-02	-4.73E+00
5.43E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.73E+00
5.43E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.73E+00
5.44E+01	-9.30E+01	1.57E+02	-2.08E-02	-4.72E+00
5.44E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.73E+00
5.44E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.73E+00
5.44E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.72E+00
5.44E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.74E+00
5.45E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.71E+00
5.45E+01	-9.30E+01	1.56E+02	-3.54E-02	-4.72E+00
5.45E+01	-9.30E+01	1.56E+02	-4.88E-03	-4.72E+00
5.45E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.71E+00
5.45E+01	-9.30E+01	1.56E+02	1.22E-03	-4.72E+00
5.46E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.71E+00
5.46E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.72E+00
5.46E+01	-9.30E+01	1.56E+02	0.00E+00	-4.70E+00
5.46E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.71E+00
5.46E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.72E+00
5.47E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.71E+00
5.47E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.70E+00
5.47E+01	-9.30E+01	1.56E+02	-2.93E-02	-4.70E+00
5.47E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.72E+00
5.47E+01	-9.30E+01	1.56E+02	-1.34E-02	-4.69E+00
5.48E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.70E+00
5.48E+01	-9.30E+01	1.56E+02	7.32E-03	-4.69E+00
5.48E+01	-9.30E+01	1.56E+02	-3.42E-02	-4.70E+00
5.48E+01	-9.30E+01	1.56E+02	-2.44E-03	-4.69E+00
5.48E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.69E+00
5.49E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.69E+00
5.49E+01	-9.30E+01	1.56E+02	-2.44E-03	-4.68E+00
5.49E+01	-9.30E+01	1.56E+02	-4.64E-02	-4.69E+00
5.49E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.68E+00
5.49E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.68E+00
5.50E+01	-9.30E+01	1.56E+02	-2.44E-03	-4.68E+00
5.50E+01	-9.30E+01	1.57E+02	-2.44E-03	-4.66E+00
5.50E+01	-9.30E+01	1.57E+02	-3.17E-02	-4.68E+00
5.50E+01	-9.30E+01	1.57E+02	4.88E-03	-4.67E+00
5.50E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.68E+00
5.51E+01	-9.30E+01	1.56E+02	3.66E-03	-4.69E+00
5.51E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.66E+00
5.51E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.67E+00
5.51E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.66E+00

5.51E+01	-9.30E+01	1.56E+02	-3.42E-02	-4.66E+00
5.52E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.66E+00
5.52E+01	-9.30E+01	1.57E+02	-1.10E-02	-4.67E+00
5.52E+01	-9.30E+01	1.57E+02	4.88E-03	-4.65E+00
5.52E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.66E+00
5.52E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.65E+00
5.53E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.65E+00
5.53E+01	-9.30E+01	1.57E+02	-1.10E-02	-4.65E+00
5.53E+01	-9.30E+01	1.57E+02	2.44E-03	-4.66E+00
5.53E+01	-9.30E+01	1.57E+02	7.32E-03	-4.65E+00
5.53E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.65E+00
5.54E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.64E+00
5.54E+01	-9.30E+01	1.57E+02	-4.15E-02	-4.66E+00
5.54E+01	-9.30E+01	1.57E+02	7.32E-03	-4.64E+00
5.54E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.65E+00
5.54E+01	-9.30E+01	1.57E+02	2.44E-03	-4.64E+00
5.55E+01	-9.30E+01	1.57E+02	-8.54E-03	-4.62E+00
5.55E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.64E+00
5.55E+01	-9.30E+01	1.57E+02	0.00E+00	-4.63E+00
5.55E+01	-9.30E+01	1.57E+02	-3.42E-02	-4.63E+00
5.55E+01	-9.30E+01	1.57E+02	-1.59E-02	-4.63E+00
5.56E+01	-9.30E+01	1.57E+02	-4.39E-02	-4.62E+00
5.56E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.63E+00
5.56E+01	-9.30E+01	1.57E+02	-1.34E-02	-4.63E+00
5.56E+01	-9.30E+01	1.57E+02	-3.66E-02	-4.62E+00
5.56E+01	-9.30E+01	1.56E+02	-4.15E-02	-4.63E+00
5.57E+01	-9.30E+01	1.57E+02	-2.44E-03	-4.62E+00
5.57E+01	-9.30E+01	1.57E+02	-2.56E-02	-4.63E+00
5.57E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.62E+00
5.57E+01	-9.30E+01	1.57E+02	-1.71E-02	-4.61E+00
5.57E+01	-9.30E+01	1.57E+02	-2.32E-02	-4.62E+00
5.58E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.61E+00
5.58E+01	-9.30E+01	1.57E+02	-3.17E-02	-4.62E+00
5.58E+01	-9.30E+01	1.57E+02	2.20E-02	-4.60E+00
5.58E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.61E+00
5.58E+01	-9.30E+01	1.57E+02	-1.71E-02	-4.60E+00
5.59E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.61E+00
5.59E+01	-9.30E+01	1.57E+02	-8.54E-03	-4.60E+00
5.59E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.59E+00
5.59E+01	-9.30E+01	1.57E+02	-3.42E-02	-4.61E+00
5.59E+01	-9.30E+01	1.57E+02	-1.34E-02	-4.58E+00
5.60E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.60E+00
5.60E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.59E+00
5.60E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.59E+00
5.60E+01	-9.30E+01	1.57E+02	2.44E-03	-4.59E+00
5.60E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.58E+00
5.61E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.59E+00

5.61E+01	-9.30E+01	1.57E+02	-2.32E-02	-4.58E+00
5.61E+01	-9.30E+01	1.58E+02	-1.59E-02	-4.59E+00
5.61E+01	-9.30E+01	1.57E+02	-3.66E-03	-4.59E+00
5.61E+01	-9.30E+01	1.57E+02	-2.81E-02	-4.58E+00
5.62E+01	-9.30E+01	1.57E+02	1.22E-03	-4.57E+00
5.62E+01	-9.30E+01	1.57E+02	-2.81E-02	-4.59E+00
5.62E+01	-9.30E+01	1.57E+02	-3.91E-02	-4.57E+00
5.62E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.58E+00
5.62E+01	-9.30E+01	1.57E+02	-1.71E-02	-4.58E+00
5.63E+01	-9.30E+01	1.57E+02	3.66E-03	-4.56E+00
5.63E+01	-9.30E+01	1.58E+02	-1.95E-02	-4.57E+00
5.63E+01	-9.30E+01	1.57E+02	-8.54E-03	-4.57E+00
5.63E+01	-9.30E+01	1.57E+02	-1.59E-02	-4.56E+00
5.63E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.57E+00
5.64E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.55E+00
5.64E+01	-9.30E+01	1.57E+02	-3.42E-02	-4.56E+00
5.64E+01	-9.30E+01	1.57E+02	4.88E-03	-4.55E+00
5.64E+01	-9.30E+01	1.57E+02	-3.42E-02	-4.55E+00
5.64E+01	-9.30E+01	1.57E+02	0.00E+00	-4.56E+00
5.65E+01	-9.30E+01	1.57E+02	-1.46E-02	-4.56E+00
5.65E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.56E+00
5.65E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.55E+00
5.65E+01	-9.30E+01	1.58E+02	-3.05E-02	-4.55E+00
5.65E+01	-9.30E+01	1.57E+02	2.44E-03	-4.55E+00
5.66E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.54E+00
5.66E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.55E+00
5.66E+01	-9.30E+01	1.58E+02	-2.81E-02	-4.54E+00
5.66E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.53E+00
5.66E+01	-9.30E+01	1.57E+02	0.00E+00	-4.54E+00
5.67E+01	-9.30E+01	1.57E+02	-3.30E-02	-4.54E+00
5.67E+01	-9.30E+01	1.58E+02	-4.88E-03	-4.53E+00
5.67E+01	-9.30E+01	1.57E+02	-4.88E-02	-4.53E+00
5.67E+01	-9.30E+01	1.57E+02	-1.34E-02	-4.53E+00
5.67E+01	-9.30E+01	1.57E+02	-2.56E-02	-4.53E+00
5.68E+01	-9.30E+01	1.57E+02	-1.22E-03	-4.53E+00
5.68E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.52E+00
5.68E+01	-9.30E+01	1.57E+02	-3.30E-02	-4.53E+00
5.68E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.53E+00
5.68E+01	-9.30E+01	1.58E+02	-1.59E-02	-4.52E+00
5.69E+01	-9.30E+01	1.57E+02	-3.42E-02	-4.51E+00
5.69E+01	-9.30E+01	1.57E+02	1.22E-03	-4.51E+00
5.69E+01	-9.30E+01	1.57E+02	-3.54E-02	-4.52E+00
5.69E+01	-9.30E+01	1.57E+02	-1.59E-02	-4.52E+00
5.69E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.52E+00
5.70E+01	-9.30E+01	1.57E+02	-3.66E-02	-4.53E+00
5.70E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.50E+00
5.70E+01	-9.30E+01	1.57E+02	-3.05E-02	-4.51E+00

5.70E+01	-9.30E+01	1.57E+02	-4.88E-03	-4.51E+00
5.70E+01	-9.30E+01	1.57E+02	-1.71E-02	-4.51E+00
5.71E+01	-9.30E+01	1.57E+02	-1.71E-02	-4.51E+00
5.71E+01	-9.30E+01	1.58E+02	-1.34E-02	-4.49E+00
5.71E+01	-9.30E+01	1.57E+02	-1.59E-02	-4.51E+00
5.71E+01	-9.30E+01	1.57E+02	4.88E-03	-4.48E+00
5.71E+01	-9.30E+01	1.57E+02	-4.88E-03	-4.50E+00
5.72E+01	-9.30E+01	1.58E+02	0.00E+00	-4.49E+00
5.72E+01	-9.30E+01	1.58E+02	-4.27E-02	-4.48E+00
5.72E+01	-9.30E+01	1.57E+02	-1.71E-02	-4.51E+00
5.72E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.48E+00
5.72E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.49E+00
5.73E+01	-9.30E+01	1.57E+02	-1.22E-03	-4.49E+00
5.73E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.48E+00
5.73E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.49E+00
5.73E+01	-9.30E+01	1.58E+02	-7.32E-03	-4.47E+00
5.73E+01	-9.30E+01	1.58E+02	-2.08E-02	-4.49E+00
5.74E+01	-9.30E+01	1.57E+02	-3.66E-03	-4.48E+00
5.74E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.47E+00
5.74E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.48E+00
5.74E+01	-9.30E+01	1.58E+02	-3.66E-03	-4.47E+00
5.74E+01	-9.30E+01	1.58E+02	-2.93E-02	-4.47E+00
5.75E+01	-9.30E+01	1.57E+02	7.32E-03	-4.45E+00
5.75E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.47E+00
5.75E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.47E+00
5.75E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.47E+00
5.75E+01	-9.30E+01	1.57E+02	2.44E-03	-4.47E+00
5.76E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.44E+00
5.76E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.46E+00
5.76E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.46E+00
5.76E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.45E+00
5.76E+01	-9.30E+01	1.57E+02	-6.10E-02	-4.45E+00
5.77E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.45E+00
5.77E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.45E+00
5.77E+01	-9.30E+01	1.57E+02	0.00E+00	-4.45E+00
5.77E+01	-9.30E+01	1.58E+02	-3.42E-02	-4.45E+00
5.77E+01	-9.30E+01	1.57E+02	-8.54E-03	-4.44E+00
5.78E+01	-9.30E+01	1.57E+02	-2.32E-02	-4.44E+00
5.78E+01	-9.30E+01	1.57E+02	0.00E+00	-4.45E+00
5.78E+01	-9.30E+01	1.57E+02	-3.30E-02	-4.44E+00
5.78E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.45E+00
5.78E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.43E+00
5.79E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.44E+00
5.79E+01	-9.30E+01	1.57E+02	7.32E-03	-4.43E+00
5.79E+01	-9.30E+01	1.57E+02	-5.13E-02	-4.43E+00
5.79E+01	-9.30E+01	1.57E+02	-4.88E-03	-4.44E+00
5.79E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.42E+00

5.80E+01	-9.30E+01	1.57E+02	-4.88E-03	-4.44E+00
5.80E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.42E+00
5.80E+01	-9.30E+01	1.57E+02	-4.64E-02	-4.43E+00
5.80E+01	-9.30E+01	1.57E+02	-2.44E-03	-4.42E+00
5.80E+01	-9.30E+01	1.57E+02	-3.42E-02	-4.42E+00
5.81E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.43E+00
5.81E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.41E+00
5.81E+01	-9.30E+01	1.56E+02	-1.95E-02	-4.43E+00
5.81E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.41E+00
5.81E+01	-9.30E+01	1.57E+02	-3.66E-02	-4.41E+00
5.82E+01	-9.30E+01	1.56E+02	-4.88E-03	-4.41E+00
5.82E+01	-9.30E+01	1.57E+02	-3.78E-02	-4.39E+00
5.82E+01	-9.30E+01	1.57E+02	-1.46E-02	-4.41E+00
5.82E+01	-9.30E+01	1.57E+02	-6.10E-03	-4.40E+00
5.82E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.42E+00
5.83E+01	-9.30E+01	1.56E+02	-3.66E-03	-4.41E+00
5.83E+01	-9.30E+01	1.57E+02	-3.54E-02	-4.40E+00
5.83E+01	-9.30E+01	1.57E+02	-2.44E-03	-4.40E+00
5.83E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.39E+00
5.83E+01	-9.30E+01	1.56E+02	-3.66E-02	-4.40E+00
5.84E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.39E+00
5.84E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.39E+00
5.84E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.39E+00
5.84E+01	-9.30E+01	1.57E+02	-2.32E-02	-4.39E+00
5.84E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.39E+00
5.85E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.38E+00
5.85E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.39E+00
5.85E+01	-9.30E+01	1.57E+02	-3.17E-02	-4.38E+00
5.85E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.38E+00
5.85E+01	-9.30E+01	1.57E+02	-1.83E-02	-4.38E+00
5.86E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.37E+00
5.86E+01	-9.30E+01	1.57E+02	0.00E+00	-4.38E+00
5.86E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.37E+00
5.86E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.38E+00
5.86E+01	-9.30E+01	1.56E+02	4.88E-03	-4.37E+00
5.87E+01	-9.30E+01	1.57E+02	-8.54E-03	-4.37E+00
5.87E+01	-9.30E+01	1.56E+02	-2.44E-03	-4.37E+00
5.87E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.36E+00
5.87E+01	-9.30E+01	1.57E+02	-8.54E-03	-4.37E+00
5.87E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.35E+00
5.88E+01	-9.30E+01	1.56E+02	-2.93E-02	-4.36E+00
5.88E+01	-9.30E+01	1.56E+02	2.44E-03	-4.36E+00
5.88E+01	-9.30E+01	1.56E+02	-3.91E-02	-4.36E+00
5.88E+01	-9.30E+01	1.57E+02	-8.54E-03	-4.37E+00
5.88E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.35E+00
5.89E+01	-9.30E+01	1.56E+02	-4.88E-02	-4.36E+00
5.89E+01	-9.30E+01	1.56E+02	1.22E-03	-4.34E+00

5.89E+01	-9.30E+01	1.56E+02	-4.15E-02	-4.36E+00
5.89E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.36E+00
5.89E+01	-9.30E+01	1.56E+02	-5.00E-02	-4.35E+00
5.90E+01	-9.30E+01	1.56E+02	-8.54E-03	-4.35E+00
5.90E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.34E+00
5.90E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.34E+00
5.90E+01	-9.30E+01	1.56E+02	2.44E-03	-4.33E+00
5.90E+01	-9.30E+01	1.56E+02	-2.32E-02	-4.34E+00
5.91E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.34E+00
5.91E+01	-9.30E+01	1.57E+02	-2.56E-02	-4.34E+00
5.91E+01	-9.30E+01	1.56E+02	-3.30E-02	-4.33E+00
5.91E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.34E+00
5.91E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.33E+00
5.92E+01	-9.30E+01	1.56E+02	-8.54E-03	-4.32E+00
5.92E+01	-9.30E+01	1.56E+02	-1.95E-02	-4.33E+00
5.92E+01	-9.30E+01	1.56E+02	-3.66E-03	-4.32E+00
5.92E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.33E+00
5.92E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.32E+00
5.93E+01	-9.30E+01	1.56E+02	-2.81E-02	-4.33E+00
5.93E+01	-9.30E+01	1.56E+02	-4.39E-02	-4.33E+00
5.93E+01	-9.30E+01	1.56E+02	-2.32E-02	-4.31E+00
5.93E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.32E+00
5.93E+01	-9.30E+01	1.57E+02	-1.71E-02	-4.31E+00
5.94E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.31E+00
5.94E+01	-9.30E+01	1.56E+02	-2.44E-03	-4.30E+00
5.94E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.31E+00
5.94E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.31E+00
5.94E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.29E+00
5.95E+01	-9.30E+01	1.56E+02	-1.95E-02	-4.31E+00
5.95E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.29E+00
5.95E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.31E+00
5.95E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.30E+00
5.95E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.30E+00
5.96E+01	-9.30E+01	1.56E+02	-3.66E-02	-4.30E+00
5.96E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.29E+00
5.96E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.29E+00
5.96E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.29E+00
5.96E+01	-9.30E+01	1.56E+02	-4.88E-03	-4.29E+00
5.97E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.29E+00
5.97E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.28E+00
5.97E+01	-9.30E+01	1.56E+02	-4.88E-03	-4.29E+00
5.97E+01	-9.30E+01	1.57E+02	-3.66E-03	-4.26E+00
5.97E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.29E+00
5.98E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.28E+00
5.98E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.28E+00
5.98E+01	-9.30E+01	1.56E+02	-4.15E-02	-4.28E+00
5.98E+01	-9.30E+01	1.57E+02	-1.46E-02	-4.27E+00

5.98E+01	-9.30E+01	1.56E+02	-2.81E-02	-4.27E+00
5.99E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.27E+00
5.99E+01	-9.30E+01	1.56E+02	-3.78E-02	-4.27E+00
5.99E+01	-9.30E+01	1.56E+02	-4.39E-02	-4.28E+00
5.99E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.26E+00
5.99E+01	-9.30E+01	1.56E+02	-3.42E-02	-4.27E+00
6.00E+01	-9.30E+01	1.56E+02	-4.88E-03	-4.26E+00
6.00E+01	-9.30E+01	1.57E+02	-3.54E-02	-4.25E+00
6.00E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.27E+00
6.00E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.25E+00
6.00E+01	-9.30E+01	1.56E+02	-3.30E-02	-4.26E+00
6.01E+01	-9.30E+01	1.56E+02	4.88E-03	-4.24E+00
6.01E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.25E+00
6.01E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.26E+00
6.01E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.24E+00
6.01E+01	-9.30E+01	1.56E+02	-4.15E-02	-4.26E+00
6.02E+01	-9.30E+01	1.56E+02	4.88E-03	-4.25E+00
6.02E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.24E+00
6.02E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.25E+00
6.02E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.23E+00
6.02E+01	-9.30E+01	1.56E+02	-3.54E-02	-4.25E+00
6.03E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.23E+00
6.03E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.24E+00
6.03E+01	-9.30E+01	1.56E+02	-1.34E-02	-4.23E+00
6.03E+01	-9.30E+01	1.56E+02	1.22E-02	-4.23E+00
6.03E+01	-9.30E+01	1.56E+02	-3.42E-02	-4.23E+00
6.04E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.23E+00
6.04E+01	-9.30E+01	1.56E+02	-2.08E-02	-4.22E+00
6.04E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.22E+00
6.04E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.22E+00
6.04E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.23E+00
6.05E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.22E+00
6.05E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.20E+00
6.05E+01	-9.30E+01	1.56E+02	-6.10E-03	-4.22E+00
6.05E+01	-9.30E+01	1.56E+02	-6.10E-03	-4.21E+00
6.05E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.21E+00
6.06E+01	-9.30E+01	1.56E+02	-2.81E-02	-4.22E+00
6.06E+01	-9.30E+01	1.57E+02	-3.91E-02	-4.21E+00
6.06E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.20E+00
6.06E+01	-9.30E+01	1.56E+02	-2.93E-02	-4.22E+00
6.06E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.19E+00
6.07E+01	-9.30E+01	1.57E+02	-5.62E-02	-4.20E+00
6.07E+01	-9.30E+01	1.57E+02	-1.59E-02	-4.20E+00
6.07E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.20E+00
6.07E+01	-9.30E+01	1.55E+02	-2.69E-02	-4.19E+00
6.07E+01	-9.30E+01	1.55E+02	9.77E-03	-4.20E+00
6.08E+01	-9.30E+01	1.56E+02	-1.34E-02	-4.19E+00

6.08E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.20E+00
6.08E+01	-9.30E+01	1.56E+02	4.88E-03	-4.20E+00
6.08E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.19E+00
6.08E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.19E+00
6.09E+01	-9.30E+01	1.57E+02	-2.56E-02	-4.18E+00
6.09E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.20E+00
6.09E+01	-9.30E+01	1.56E+02	1.95E-02	-4.18E+00
6.09E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.18E+00
6.09E+01	-9.30E+01	1.56E+02	-1.95E-02	-4.19E+00
6.10E+01	-9.30E+01	1.56E+02	-4.88E-03	-4.17E+00
6.10E+01	-9.30E+01	1.56E+02	-1.22E-03	-4.18E+00
6.10E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.16E+00
6.10E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.17E+00
6.10E+01	-9.30E+01	1.56E+02	-3.42E-02	-4.18E+00
6.11E+01	-9.30E+01	1.56E+02	-2.32E-02	-4.17E+00
6.11E+01	-9.30E+01	1.56E+02	-4.39E-02	-4.18E+00
6.11E+01	-9.30E+01	1.56E+02	-1.95E-02	-4.17E+00
6.11E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.16E+00
6.11E+01	-9.30E+01	1.56E+02	-2.56E-02	-4.17E+00
6.12E+01	-9.30E+01	1.56E+02	-2.93E-02	-4.17E+00
6.12E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.15E+00
6.12E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.16E+00
6.12E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.16E+00
6.12E+01	-9.30E+01	1.56E+02	-2.93E-02	-4.16E+00
6.13E+01	-9.30E+01	1.55E+02	-2.20E-02	-4.16E+00
6.13E+01	-9.30E+01	1.56E+02	-2.44E-03	-4.15E+00
6.13E+01	-9.30E+01	1.56E+02	-3.17E-02	-4.16E+00
6.13E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.14E+00
6.13E+01	-9.30E+01	1.56E+02	-1.59E-02	-4.15E+00
6.14E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.15E+00
6.14E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.14E+00
6.14E+01	-9.30E+01	1.56E+02	-3.54E-02	-4.15E+00
6.14E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.14E+00
6.14E+01	-9.30E+01	1.56E+02	-3.91E-02	-4.14E+00
6.15E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.14E+00
6.15E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.13E+00
6.15E+01	-9.30E+01	1.56E+02	-2.56E-02	-4.16E+00
6.15E+01	-9.30E+01	1.55E+02	1.71E-02	-4.13E+00
6.15E+01	-9.30E+01	1.56E+02	-2.32E-02	-4.13E+00
6.16E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.14E+00
6.16E+01	-9.30E+01	1.56E+02	-3.66E-03	-4.12E+00
6.16E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.13E+00
6.16E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.13E+00
6.16E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.11E+00
6.17E+01	-9.30E+01	1.56E+02	-3.17E-02	-4.13E+00
6.17E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.12E+00
6.17E+01	-9.30E+01	1.56E+02	-3.17E-02	-4.11E+00

6.17E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.12E+00
6.17E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.11E+00
6.18E+01	-9.30E+01	1.56E+02	-1.83E-02	-4.13E+00
6.18E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.10E+00
6.18E+01	-9.30E+01	1.56E+02	-3.66E-02	-4.11E+00
6.18E+01	-9.30E+01	1.56E+02	-1.22E-03	-4.11E+00
6.18E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.09E+00
6.19E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.11E+00
6.19E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.09E+00
6.19E+01	-9.30E+01	1.56E+02	-3.42E-02	-4.09E+00
6.19E+01	-9.30E+01	1.56E+02	9.77E-03	-4.10E+00
6.19E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.09E+00
6.20E+01	-9.30E+01	1.56E+02	-2.32E-02	-4.10E+00
6.20E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.09E+00
6.20E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.09E+00
6.20E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.09E+00
6.20E+01	-9.30E+01	1.56E+02	1.22E-03	-4.09E+00
6.21E+01	-9.30E+01	1.56E+02	-4.15E-02	-4.09E+00
6.21E+01	-9.30E+01	1.56E+02	-2.32E-02	-4.09E+00
6.21E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.08E+00
6.21E+01	-9.30E+01	1.56E+02	-2.56E-02	-4.09E+00
6.21E+01	-9.30E+01	1.56E+02	-6.10E-03	-4.07E+00
6.22E+01	-9.30E+01	1.56E+02	-2.93E-02	-4.08E+00
6.22E+01	-9.30E+01	1.56E+02	3.66E-03	-4.06E+00
6.22E+01	-9.30E+01	1.56E+02	-3.17E-02	-4.07E+00
6.22E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.08E+00
6.22E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.06E+00
6.23E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.07E+00
6.23E+01	-9.30E+01	1.56E+02	-3.66E-03	-4.06E+00
6.23E+01	-9.30E+01	1.56E+02	-3.05E-02	-4.06E+00
6.23E+01	-9.30E+01	1.56E+02	1.10E-02	-4.07E+00
6.23E+01	-9.30E+01	1.56E+02	-1.59E-02	-4.05E+00
6.24E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.07E+00
6.24E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.06E+00
6.24E+01	-9.30E+01	1.57E+02	-3.66E-02	-4.06E+00
6.24E+01	-9.30E+01	1.56E+02	6.10E-03	-4.06E+00
6.24E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.05E+00
6.25E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.06E+00
6.25E+01	-9.30E+01	1.56E+02	-1.22E-03	-4.04E+00
6.25E+01	-9.30E+01	1.56E+02	-6.10E-03	-4.04E+00
6.25E+01	-9.30E+01	1.56E+02	-2.93E-02	-4.05E+00
6.25E+01	-9.30E+01	1.56E+02	1.22E-03	-4.04E+00
6.26E+01	-9.30E+01	1.56E+02	-4.39E-02	-4.05E+00
6.26E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.03E+00
6.26E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.04E+00
6.26E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.05E+00
6.26E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.04E+00

6.27E+01	-9.30E+01	1.56E+02	-4.15E-02	-4.05E+00
6.27E+01	-9.30E+01	1.56E+02	-3.54E-02	-4.03E+00
6.27E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.03E+00
6.27E+01	-9.30E+01	1.56E+02	-2.93E-02	-4.04E+00
6.27E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.03E+00
6.28E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.01E+00
6.28E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.03E+00
6.28E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.02E+00
6.28E+01	-9.30E+01	1.56E+02	-1.34E-02	-4.03E+00
6.28E+01	-9.30E+01	1.56E+02	1.22E-02	-4.01E+00
6.29E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.02E+00
6.29E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.02E+00
6.29E+01	-9.30E+01	1.56E+02	1.22E-03	-4.01E+00
6.29E+01	-9.30E+01	1.56E+02	-1.83E-02	-4.01E+00
6.29E+01	-9.30E+01	1.56E+02	-1.34E-02	-4.02E+00
6.30E+01	-9.30E+01	1.56E+02	-4.88E-03	-4.00E+00
6.30E+01	-9.30E+01	1.57E+02	-1.34E-02	-4.02E+00
6.30E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.00E+00
6.30E+01	-9.30E+01	1.56E+02	-9.77E-03	-4.00E+00
6.30E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.01E+00
6.31E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.00E+00
6.31E+01	-9.30E+01	1.56E+02	-2.32E-02	-4.01E+00
6.31E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.00E+00
6.31E+01	-9.30E+01	1.56E+02	-7.32E-03	-3.99E+00
6.31E+01	-9.30E+01	1.56E+02	-3.91E-02	-4.00E+00
6.32E+01	-9.30E+01	1.56E+02	1.46E-02	-3.99E+00
6.32E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.98E+00
6.32E+01	-9.30E+01	1.56E+02	-3.05E-02	-4.00E+00
6.32E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.98E+00
6.32E+01	-9.30E+01	1.57E+02	-1.95E-02	-3.98E+00
6.33E+01	-9.30E+01	1.56E+02	7.32E-03	-3.99E+00
6.33E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.98E+00
6.33E+01	-9.30E+01	1.56E+02	-3.30E-02	-3.99E+00
6.33E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.98E+00
6.33E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.98E+00
6.34E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.98E+00
6.34E+01	-9.30E+01	1.56E+02	0.00E+00	-3.97E+00
6.34E+01	-9.30E+01	1.57E+02	-2.93E-02	-3.97E+00
6.34E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.98E+00
6.34E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.97E+00
6.35E+01	-9.30E+01	1.56E+02	-2.08E-02	-3.98E+00
6.35E+01	-9.30E+01	1.57E+02	1.22E-03	-3.96E+00
6.35E+01	-9.30E+01	1.57E+02	-3.05E-02	-3.96E+00
6.35E+01	-9.30E+01	1.56E+02	-1.59E-02	-3.96E+00
6.35E+01	-9.30E+01	1.56E+02	-2.44E-03	-3.96E+00
6.36E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.96E+00
6.36E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.97E+00

6.36E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.94E+00
6.36E+01	-9.30E+01	1.56E+02	-3.54E-02	-3.96E+00
6.36E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.95E+00
6.37E+01	-9.30E+01	1.56E+02	-4.39E-02	-3.95E+00
6.37E+01	-9.30E+01	1.56E+02	-4.64E-02	-3.96E+00
6.37E+01	-9.30E+01	1.57E+02	-1.34E-02	-3.94E+00
6.37E+01	-9.30E+01	1.56E+02	-2.08E-02	-3.95E+00
6.37E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.94E+00
6.38E+01	-9.30E+01	1.56E+02	-4.39E-02	-3.94E+00
6.38E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.94E+00
6.38E+01	-9.30E+01	1.56E+02	-2.56E-02	-3.94E+00
6.38E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.94E+00
6.38E+01	-9.30E+01	1.56E+02	-2.56E-02	-3.93E+00
6.39E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.94E+00
6.39E+01	-9.30E+01	1.56E+02	0.00E+00	-3.93E+00
6.39E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.93E+00
6.39E+01	-9.30E+01	1.56E+02	1.22E-02	-3.93E+00
6.39E+01	-9.30E+01	1.56E+02	-2.32E-02	-3.92E+00
6.40E+01	-9.30E+01	1.56E+02	-2.08E-02	-3.94E+00
6.40E+01	-9.30E+01	1.57E+02	0.00E+00	-3.91E+00
6.40E+01	-9.30E+01	1.56E+02	-3.54E-02	-3.92E+00
6.40E+01	-9.30E+01	1.56E+02	9.77E-03	-3.92E+00
6.40E+01	-9.30E+01	1.56E+02	-2.32E-02	-3.92E+00
6.41E+01	-9.30E+01	1.57E+02	-3.17E-02	-3.92E+00
6.41E+01	-9.30E+01	1.56E+02	2.44E-03	-3.91E+00
6.41E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.93E+00
6.41E+01	-9.30E+01	1.56E+02	4.88E-03	-3.92E+00
6.41E+01	-9.30E+01	1.56E+02	3.66E-03	-3.91E+00
6.42E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.90E+00
6.42E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.91E+00
6.42E+01	-9.30E+01	1.56E+02	1.83E-02	-3.90E+00
6.42E+01	-9.30E+01	1.56E+02	-2.32E-02	-3.91E+00
6.42E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.91E+00
6.43E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.90E+00
6.43E+01	-9.30E+01	1.57E+02	-5.37E-02	-3.89E+00
6.43E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.90E+00
6.43E+01	-9.30E+01	1.56E+02	-2.44E-03	-3.89E+00
6.43E+01	-9.30E+01	1.56E+02	-3.66E-02	-3.90E+00
6.44E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.88E+00
6.44E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.89E+00
6.44E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.89E+00
6.44E+01	-9.30E+01	1.55E+02	2.44E-03	-3.88E+00
6.44E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.88E+00
6.45E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.89E+00
6.45E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.88E+00
6.45E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.89E+00
6.45E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.88E+00

6.45E+01	-9.30E+01	1.56E+02	2.56E-02	-3.89E+00
6.46E+01	-9.30E+01	1.56E+02	-2.81E-02	-3.88E+00
6.46E+01	-9.30E+01	1.55E+02	-1.22E-02	-3.88E+00
6.46E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.86E+00
6.46E+01	-9.30E+01	1.55E+02	-1.71E-02	-3.87E+00
6.46E+01	-9.30E+01	1.56E+02	2.44E-03	-3.87E+00
6.47E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.86E+00
6.47E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.88E+00
6.47E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.86E+00
6.47E+01	-9.30E+01	1.56E+02	-1.83E-02	-3.87E+00
6.47E+01	-9.30E+01	1.55E+02	-1.10E-02	-3.86E+00
6.48E+01	-9.30E+01	1.55E+02	-1.10E-02	-3.85E+00
6.48E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.86E+00
6.48E+01	-9.30E+01	1.55E+02	7.32E-03	-3.87E+00
6.48E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.85E+00
6.48E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.86E+00
6.49E+01	-9.30E+01	1.55E+02	8.54E-03	-3.84E+00
6.49E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.87E+00
6.49E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.85E+00
6.49E+01	-9.30E+01	1.55E+02	-3.17E-02	-3.85E+00
6.49E+01	-9.30E+01	1.55E+02	-1.71E-02	-3.85E+00
6.50E+01	-9.30E+01	1.55E+02	-1.10E-02	-3.84E+00
6.50E+01	-9.30E+01	1.55E+02	-1.22E-03	-3.85E+00
6.50E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.84E+00
6.50E+01	-9.30E+01	1.55E+02	-2.32E-02	-3.84E+00
6.50E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.85E+00
6.51E+01	-9.30E+01	1.55E+02	-4.15E-02	-3.83E+00
6.51E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.84E+00
6.51E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.83E+00
6.51E+01	-9.30E+01	1.55E+02	-1.22E-02	-3.82E+00
6.51E+01	-9.30E+01	1.55E+02	8.54E-03	-3.84E+00
6.52E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.82E+00
6.52E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.83E+00
6.52E+01	-9.30E+01	1.55E+02	-1.71E-02	-3.82E+00
6.52E+01	-9.30E+01	1.55E+02	-1.10E-02	-3.81E+00
6.52E+01	-9.30E+01	1.55E+02	-3.05E-02	-3.82E+00
6.53E+01	-9.30E+01	1.55E+02	0.00E+00	-3.82E+00
6.53E+01	-9.30E+01	1.55E+02	-3.91E-02	-3.81E+00
6.53E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.83E+00
6.53E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.79E+00
6.53E+01	-9.30E+01	1.55E+02	-3.05E-02	-3.82E+00
6.54E+01	-9.30E+01	1.55E+02	-2.44E-03	-3.81E+00
6.54E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.80E+00
6.54E+01	-9.30E+01	1.55E+02	9.77E-03	-3.80E+00
6.54E+01	-9.30E+01	1.55E+02	-6.10E-03	-3.80E+00
6.54E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.81E+00
6.55E+01	-9.30E+01	1.55E+02	-1.59E-02	-3.80E+00

6.55E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.79E+00
6.55E+01	-9.30E+01	1.55E+02	-3.66E-02	-3.80E+00
6.55E+01	-9.30E+01	1.55E+02	-2.44E-03	-3.80E+00
6.55E+01	-9.30E+01	1.55E+02	-2.08E-02	-3.79E+00
6.56E+01	-9.30E+01	1.55E+02	-2.44E-03	-3.80E+00
6.56E+01	-9.30E+01	1.55E+02	-8.54E-03	-3.79E+00
6.56E+01	-9.30E+01	1.55E+02	-2.56E-02	-3.79E+00
6.56E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.79E+00
6.56E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.79E+00
6.57E+01	-9.30E+01	1.55E+02	-2.93E-02	-3.79E+00
6.57E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.79E+00
6.57E+01	-9.30E+01	1.55E+02	-2.44E-03	-3.77E+00
6.57E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.80E+00
6.57E+01	-9.30E+01	1.55E+02	-1.22E-03	-3.78E+00
6.58E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.78E+00
6.58E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.78E+00
6.58E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.77E+00
6.58E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.78E+00
6.58E+01	-9.30E+01	1.55E+02	-1.83E-02	-3.77E+00
6.59E+01	-9.30E+01	1.55E+02	-2.08E-02	-3.77E+00
6.59E+01	-9.30E+01	1.55E+02	-1.34E-02	-3.77E+00
6.59E+01	-9.30E+01	1.55E+02	1.10E-02	-3.78E+00
6.59E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.76E+00
6.59E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.77E+00
6.60E+01	-9.30E+01	1.55E+02	-1.71E-02	-3.76E+00
6.60E+01	-9.30E+01	1.56E+02	-3.42E-02	-3.77E+00
6.60E+01	-9.30E+01	1.55E+02	2.20E-02	-3.76E+00
6.60E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.75E+00
6.60E+01	-9.30E+01	1.55E+02	-3.42E-02	-3.76E+00
6.61E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.75E+00
6.61E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.75E+00
6.61E+01	-9.30E+01	1.55E+02	-1.71E-02	-3.75E+00
6.61E+01	-9.30E+01	1.55E+02	-3.66E-03	-3.74E+00
6.61E+01	-9.30E+01	1.55E+02	-3.91E-02	-3.74E+00
6.62E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.75E+00
6.62E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.73E+00
6.62E+01	-9.30E+01	1.55E+02	-3.42E-02	-3.75E+00
6.62E+01	-9.30E+01	1.55E+02	0.00E+00	-3.75E+00
6.62E+01	-9.30E+01	1.55E+02	-8.54E-03	-3.73E+00
6.63E+01	-9.30E+01	1.55E+02	-3.42E-02	-3.74E+00
6.63E+01	-9.30E+01	1.55E+02	4.88E-03	-3.73E+00
6.63E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.73E+00
6.63E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.75E+00
6.63E+01	-9.30E+01	1.55E+02	0.00E+00	-3.73E+00
6.64E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.72E+00
6.64E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.73E+00
6.64E+01	-9.30E+01	1.55E+02	-1.71E-02	-3.71E+00

6.64E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.72E+00
6.64E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.73E+00
6.65E+01	-9.30E+01	1.56E+02	-7.32E-03	-3.72E+00
6.65E+01	-9.30E+01	1.56E+02	-4.64E-02	-3.72E+00
6.65E+01	-9.30E+01	1.55E+02	-1.22E-02	-3.73E+00
6.65E+01	-9.30E+01	1.56E+02	0.00E+00	-3.71E+00
6.65E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.70E+00
6.66E+01	-9.30E+01	1.55E+02	-1.10E-02	-3.72E+00
6.66E+01	-9.30E+01	1.56E+02	-1.34E-02	-3.70E+00
6.66E+01	-9.30E+01	1.55E+02	-3.05E-02	-3.70E+00
6.66E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.71E+00
6.66E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.70E+00
6.67E+01	-9.30E+01	1.56E+02	-2.56E-02	-3.72E+00
6.67E+01	-9.30E+01	1.55E+02	-1.22E-02	-3.70E+00
6.67E+01	-9.30E+01	1.56E+02	-7.32E-03	-3.70E+00
6.67E+01	-9.30E+01	1.56E+02	-4.64E-02	-3.70E+00
6.67E+01	-9.30E+01	1.56E+02	0.00E+00	-3.69E+00
6.68E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.69E+00
6.68E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.70E+00
6.68E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.68E+00
6.68E+01	-9.30E+01	1.56E+02	-4.15E-02	-3.68E+00
6.68E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.69E+00
6.69E+01	-9.30E+01	1.56E+02	-1.83E-02	-3.68E+00
6.69E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.69E+00
6.69E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.69E+00
6.69E+01	-9.30E+01	1.56E+02	-1.34E-02	-3.68E+00
6.69E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.69E+00
6.70E+01	-9.30E+01	1.55E+02	7.32E-03	-3.68E+00
6.70E+01	-9.30E+01	1.56E+02	-4.39E-02	-3.68E+00
6.70E+01	-9.30E+01	1.56E+02	-1.83E-02	-3.68E+00
6.70E+01	-9.30E+01	1.56E+02	-7.32E-03	-3.67E+00
6.70E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.67E+00
6.71E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.67E+00
6.71E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.66E+00
6.71E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.67E+00
6.71E+01	-9.30E+01	1.55E+02	-4.88E-03	-3.66E+00
6.71E+01	-9.30E+01	1.56E+02	-3.42E-02	-3.67E+00
6.72E+01	-9.30E+01	1.55E+02	7.32E-03	-3.65E+00
6.72E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.65E+00
6.72E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.66E+00
6.72E+01	-9.30E+01	1.55E+02	-1.10E-02	-3.65E+00
6.72E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.64E+00
6.73E+01	-9.30E+01	1.56E+02	-3.66E-02	-3.66E+00
6.73E+01	-9.30E+01	1.56E+02	-7.32E-03	-3.64E+00
6.73E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.65E+00
6.73E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.64E+00
6.73E+01	-9.30E+01	1.56E+02	1.71E-02	-3.64E+00

6.74E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.65E+00
6.74E+01	-9.30E+01	1.56E+02	0.00E+00	-3.64E+00
6.74E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.63E+00
6.74E+01	-9.30E+01	1.56E+02	-5.86E-02	-3.65E+00
6.74E+01	-9.30E+01	1.56E+02	-2.44E-03	-3.63E+00
6.75E+01	-9.30E+01	1.56E+02	-1.34E-02	-3.63E+00
6.75E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.64E+00
6.75E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.64E+00
6.75E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.62E+00
6.75E+01	-9.30E+01	1.56E+02	-2.56E-02	-3.64E+00
6.76E+01	-9.30E+01	1.56E+02	2.44E-03	-3.62E+00
6.76E+01	-9.30E+01	1.56E+02	-7.32E-03	-3.61E+00
6.76E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.63E+00
6.76E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.62E+00
6.76E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.63E+00
6.77E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.63E+00
6.77E+01	-9.30E+01	1.56E+02	-2.44E-03	-3.61E+00
6.77E+01	-9.30E+01	1.57E+02	-3.05E-02	-3.62E+00
6.77E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.63E+00
6.77E+01	-9.30E+01	1.55E+02	2.56E-02	-3.61E+00
6.78E+01	-9.30E+01	1.55E+02	-2.93E-02	-3.60E+00
6.78E+01	-9.30E+01	1.56E+02	-1.59E-02	-3.61E+00
6.78E+01	-9.30E+01	1.57E+02	-1.46E-02	-3.60E+00
6.78E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.61E+00
6.78E+01	-9.30E+01	1.56E+02	9.77E-03	-3.61E+00
6.79E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.60E+00
6.79E+01	-9.30E+01	1.57E+02	-1.71E-02	-3.61E+00
6.79E+01	-9.30E+01	1.56E+02	1.22E-03	-3.59E+00
6.79E+01	-9.30E+01	1.55E+02	-2.93E-02	-3.59E+00
6.79E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.59E+00
6.80E+01	-9.30E+01	1.56E+02	-3.42E-02	-3.60E+00
6.80E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.59E+00
6.80E+01	-9.30E+01	1.56E+02	-3.30E-02	-3.60E+00
6.80E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.59E+00
6.80E+01	-9.30E+01	1.56E+02	-1.10E-02	-3.58E+00
6.81E+01	-9.30E+01	1.56E+02	-4.64E-02	-3.59E+00
6.81E+01	-9.30E+01	1.56E+02	2.69E-02	-3.58E+00
6.81E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.58E+00
6.81E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.58E+00
6.81E+01	-9.30E+01	1.56E+02	2.44E-03	-3.58E+00
6.82E+01	-9.30E+01	1.56E+02	4.88E-03	-3.57E+00
6.82E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.58E+00
6.82E+01	-9.30E+01	1.56E+02	0.00E+00	-3.57E+00
6.82E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.57E+00
6.82E+01	-9.30E+01	1.56E+02	-2.44E-03	-3.57E+00
6.83E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.57E+00
6.83E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.56E+00

6.83E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.57E+00
6.83E+01	-9.30E+01	1.56E+02	1.71E-02	-3.56E+00
6.83E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.56E+00
6.84E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.57E+00
6.84E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.55E+00
6.84E+01	-9.30E+01	1.56E+02	0.00E+00	-3.56E+00
6.84E+01	-9.30E+01	1.56E+02	-1.10E-02	-3.56E+00
6.84E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.55E+00
6.85E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.56E+00
6.85E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.56E+00
6.85E+01	-9.30E+01	1.56E+02	-6.10E-03	-3.54E+00
6.85E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.56E+00
6.85E+01	-9.30E+01	1.56E+02	-8.54E-03	-3.54E+00
6.86E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.53E+00
6.86E+01	-9.30E+01	1.56E+02	0.00E+00	-3.55E+00
6.86E+01	-9.30E+01	1.56E+02	-8.54E-03	-3.53E+00
6.86E+01	-9.30E+01	1.57E+02	-2.93E-02	-3.54E+00
6.86E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.55E+00
6.87E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.54E+00
6.87E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.53E+00
6.87E+01	-9.30E+01	1.56E+02	2.44E-03	-3.53E+00
6.87E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.52E+00
6.87E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.54E+00
6.88E+01	-9.30E+01	1.56E+02	-2.08E-02	-3.53E+00
6.88E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.52E+00
6.88E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.52E+00
6.88E+01	-9.30E+01	1.56E+02	-3.66E-03	-3.51E+00
6.88E+01	-9.30E+01	1.56E+02	7.32E-03	-3.51E+00
6.89E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.53E+00
6.89E+01	-9.30E+01	1.56E+02	-8.54E-03	-3.52E+00
6.89E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.51E+00
6.89E+01	-9.30E+01	1.56E+02	-4.15E-02	-3.52E+00
6.89E+01	-9.30E+01	1.57E+02	6.10E-03	-3.51E+00
6.90E+01	-9.30E+01	1.57E+02	-1.71E-02	-3.51E+00
6.90E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.52E+00
6.90E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.50E+00
6.90E+01	-9.30E+01	1.57E+02	-2.44E-02	-3.51E+00
6.90E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.50E+00
6.91E+01	-9.30E+01	1.56E+02	2.44E-03	-3.50E+00
6.91E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.50E+00
6.91E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.51E+00
6.91E+01	-9.30E+01	1.57E+02	-1.10E-02	-3.49E+00
6.91E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.49E+00
6.92E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.50E+00
6.92E+01	-9.30E+01	1.56E+02	-1.34E-02	-3.48E+00
6.92E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.50E+00
6.92E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.49E+00

6.92E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.49E+00
6.93E+01	-9.30E+01	1.56E+02	-1.59E-02	-3.49E+00
6.93E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.48E+00
6.93E+01	-9.30E+01	1.56E+02	-3.91E-02	-3.48E+00
6.93E+01	-9.30E+01	1.56E+02	2.69E-02	-3.48E+00
6.93E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.47E+00
6.94E+01	-9.30E+01	1.57E+02	-1.95E-02	-3.49E+00
6.94E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.47E+00
6.94E+01	-9.30E+01	1.57E+02	-3.91E-02	-3.47E+00
6.94E+01	-9.30E+01	1.56E+02	-3.66E-02	-3.47E+00
6.94E+01	-9.30E+01	1.56E+02	0.00E+00	-3.47E+00
6.95E+01	-9.30E+01	1.56E+02	-3.66E-03	-3.47E+00
6.95E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.46E+00
6.95E+01	-9.30E+01	1.56E+02	-2.56E-02	-3.47E+00
6.95E+01	-9.30E+01	1.57E+02	8.54E-03	-3.46E+00
6.95E+01	-9.30E+01	1.57E+02	-2.44E-02	-3.45E+00
6.96E+01	-9.30E+01	1.57E+02	-3.42E-02	-3.47E+00
6.96E+01	-9.30E+01	1.56E+02	-1.34E-02	-3.46E+00
6.96E+01	-9.30E+01	1.57E+02	-1.46E-02	-3.45E+00
6.96E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.47E+00
6.96E+01	-9.30E+01	1.57E+02	1.83E-02	-3.45E+00
6.97E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.45E+00
6.97E+01	-9.30E+01	1.57E+02	-1.95E-02	-3.45E+00
6.97E+01	-9.30E+01	1.57E+02	-1.34E-02	-3.44E+00
6.97E+01	-9.30E+01	1.57E+02	-2.56E-02	-3.44E+00
6.97E+01	-9.30E+01	1.57E+02	-3.17E-02	-3.45E+00
6.98E+01	-9.30E+01	1.57E+02	9.77E-03	-3.44E+00
6.98E+01	-9.30E+01	1.57E+02	-1.59E-02	-3.43E+00
6.98E+01	-9.30E+01	1.57E+02	-1.83E-02	-3.44E+00
6.98E+01	-9.30E+01	1.57E+02	-7.32E-03	-3.44E+00
6.98E+01	-9.30E+01	1.57E+02	0.00E+00	-3.42E+00
6.99E+01	-9.30E+01	1.57E+02	-1.83E-02	-3.43E+00
6.99E+01	-9.30E+01	1.57E+02	-4.15E-02	-3.44E+00
6.99E+01	-9.30E+01	1.57E+02	-4.88E-03	-3.43E+00
6.99E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.42E+00
6.99E+01	-9.30E+01	1.57E+02	-1.46E-02	-3.44E+00
7.00E+01	-9.30E+01	1.58E+02	-3.42E-02	-3.42E+00
7.00E+01	-9.30E+01	1.57E+02	-2.69E-02	-3.42E+00
7.00E+01	-9.30E+01	1.57E+02	-1.46E-02	-3.43E+00
7.00E+01	-9.30E+01	1.58E+02	0.00E+00	-3.42E+00
7.00E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.41E+00
7.01E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.43E+00
7.01E+01	-9.30E+01	1.57E+02	-9.77E-03	-3.42E+00
7.01E+01	-9.30E+01	1.58E+02	-1.22E-02	-3.41E+00
7.01E+01	-9.30E+01	1.57E+02	-1.95E-02	-3.41E+00
7.01E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.41E+00
7.02E+01	-9.30E+01	1.58E+02	-2.93E-02	-3.40E+00

7.02E+01	-9.30E+01	1.58E+02	-2.32E-02	-3.41E+00
7.02E+01	-9.30E+01	1.57E+02	-2.69E-02	-3.40E+00
7.02E+01	-9.30E+01	1.57E+02	-2.56E-02	-3.40E+00
7.02E+01	-9.30E+01	1.57E+02	-1.46E-02	-3.40E+00
7.03E+01	-9.30E+01	1.58E+02	2.44E-03	-3.40E+00
7.03E+01	-9.30E+01	1.58E+02	-2.20E-02	-3.40E+00
7.03E+01	-9.30E+01	1.57E+02	-1.95E-02	-3.41E+00
7.03E+01	-9.30E+01	1.57E+02	-1.46E-02	-3.40E+00
7.03E+01	-9.30E+01	1.58E+02	-1.22E-02	-3.39E+00
7.04E+01	-9.30E+01	1.58E+02	-1.59E-02	-3.40E+00
7.04E+01	-9.30E+01	1.57E+02	1.22E-03	-3.39E+00
7.04E+01	-9.30E+01	1.57E+02	-1.83E-02	-3.38E+00
7.04E+01	-9.30E+01	1.58E+02	-2.93E-02	-3.40E+00
7.04E+01	-9.30E+01	1.58E+02	-9.77E-03	-3.38E+00
7.05E+01	-9.30E+01	1.58E+02	-1.71E-02	-3.38E+00
7.05E+01	-9.30E+01	1.57E+02	-3.42E-02	-3.39E+00
7.05E+01	-9.30E+01	1.58E+02	4.88E-03	-3.37E+00
7.05E+01	-9.30E+01	1.58E+02	-3.17E-02	-3.37E+00
7.05E+01	-9.30E+01	1.58E+02	-1.95E-02	-3.38E+00
7.06E+01	-9.30E+01	1.57E+02	-4.88E-03	-3.37E+00
7.06E+01	-9.30E+01	1.58E+02	-8.54E-03	-3.37E+00
7.06E+01	-9.30E+01	1.58E+02	-4.15E-02	-3.38E+00
7.06E+01	-9.30E+01	1.58E+02	1.22E-03	-3.38E+00
7.06E+01	-9.30E+01	1.57E+02	-2.08E-02	-3.36E+00
7.07E+01	-9.30E+01	1.57E+02	-2.44E-02	-3.38E+00
7.07E+01	-9.30E+01	1.57E+02	1.71E-02	-3.36E+00
7.07E+01	-9.30E+01	1.58E+02	-7.32E-03	-3.36E+00
7.07E+01	-9.30E+01	1.57E+02	-3.66E-02	-3.37E+00
7.07E+01	-9.30E+01	1.57E+02	2.44E-03	-3.36E+00
7.08E+01	-9.30E+01	1.58E+02	1.34E-02	-3.35E+00
7.08E+01	-9.30E+01	1.58E+02	-1.95E-02	-3.35E+00
7.08E+01	-9.30E+01	1.57E+02	-1.22E-02	-3.36E+00
7.08E+01	-9.30E+01	1.57E+02	0.00E+00	-3.34E+00
7.08E+01	-9.30E+01	1.58E+02	-1.22E-02	-3.34E+00
7.09E+01	-9.30E+01	1.58E+02	-3.42E-02	-3.37E+00
7.09E+01	-9.30E+01	1.57E+02	-1.34E-02	-3.36E+00
7.09E+01	-9.30E+01	1.57E+02	1.22E-03	-3.34E+00
7.09E+01	-9.30E+01	1.58E+02	-1.22E-03	-3.34E+00
7.09E+01	-9.30E+01	1.58E+02	-5.13E-02	-3.34E+00
7.10E+01	-9.30E+01	1.58E+02	2.44E-03	-3.34E+00
7.10E+01	-9.30E+01	1.57E+02	-1.46E-02	-3.34E+00
7.10E+01	-9.30E+01	1.58E+02	-3.91E-02	-3.34E+00
7.10E+01	-9.30E+01	1.58E+02	1.46E-02	-3.34E+00
7.10E+01	-9.30E+01	1.58E+02	-6.10E-03	-3.33E+00
7.11E+01	-9.30E+01	1.57E+02	-2.08E-02	-3.33E+00
7.11E+01	-9.30E+01	1.57E+02	3.66E-03	-3.33E+00
7.11E+01	-9.30E+01	1.57E+02	2.44E-02	-3.33E+00

7.11E+01	-9.30E+01	1.58E+02	-2.69E-02	-3.33E+00
7.11E+01	-9.30E+01	1.57E+02	-1.59E-02	-3.34E+00
7.12E+01	-9.30E+01	1.57E+02	-1.95E-02	-3.32E+00
7.12E+01	-9.30E+01	1.57E+02	-9.77E-03	-3.33E+00
7.12E+01	-9.30E+01	1.58E+02	-1.46E-02	-3.33E+00
7.12E+01	-9.30E+01	1.58E+02	-4.88E-03	-3.32E+00
7.12E+01	-9.30E+01	1.57E+02	-3.42E-02	-3.31E+00
7.13E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.32E+00
7.13E+01	-9.30E+01	1.57E+02	-9.77E-03	-3.31E+00
7.13E+01	-9.30E+01	1.58E+02	-2.20E-02	-3.31E+00
7.13E+01	-9.30E+01	1.58E+02	-3.42E-02	-3.32E+00
7.13E+01	-9.30E+01	1.57E+02	2.44E-03	-3.31E+00
7.14E+01	-9.30E+01	1.58E+02	-9.77E-03	-3.30E+00
7.14E+01	-9.30E+01	1.58E+02	-2.20E-02	-3.31E+00
7.14E+01	-9.30E+01	1.57E+02	4.88E-03	-3.30E+00
7.14E+01	-9.30E+01	1.57E+02	-1.46E-02	-3.30E+00
7.14E+01	-9.30E+01	1.57E+02	-2.93E-02	-3.31E+00
7.15E+01	-9.30E+01	1.57E+02	0.00E+00	-3.30E+00
7.15E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.29E+00
7.15E+01	-9.30E+01	1.57E+02	-4.88E-02	-3.31E+00
7.15E+01	-9.30E+01	1.57E+02	-7.32E-03	-3.29E+00
7.15E+01	-9.30E+01	1.57E+02	-4.88E-03	-3.29E+00
7.16E+01	-9.30E+01	1.57E+02	-2.32E-02	-3.29E+00
7.16E+01	-9.30E+01	1.57E+02	-9.77E-03	-3.31E+00
7.16E+01	-9.30E+01	1.57E+02	-6.10E-03	-3.28E+00
7.16E+01	-9.30E+01	1.57E+02	-2.93E-02	-3.29E+00
7.16E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.29E+00
7.17E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.29E+00
7.17E+01	-9.30E+01	1.57E+02	-3.66E-02	-3.28E+00
7.17E+01	-9.30E+01	1.57E+02	-4.88E-03	-3.29E+00
7.17E+01	-9.30E+01	1.57E+02	-7.32E-03	-3.27E+00
7.17E+01	-9.30E+01	1.57E+02	-1.22E-02	-3.26E+00
7.18E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.28E+00
7.18E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.27E+00
7.18E+01	-9.30E+01	1.57E+02	-4.88E-03	-3.26E+00
7.18E+01	-9.30E+01	1.57E+02	-4.03E-02	-3.27E+00
7.18E+01	-9.30E+01	1.57E+02	-2.44E-02	-3.27E+00
7.19E+01	-9.30E+01	1.57E+02	-1.22E-02	-3.26E+00
7.19E+01	-9.30E+01	1.57E+02	-3.91E-02	-3.27E+00
7.19E+01	-9.30E+01	1.57E+02	-2.93E-02	-3.28E+00
7.19E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.25E+00
7.19E+01	-9.30E+01	1.57E+02	-2.44E-02	-3.25E+00
7.20E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.27E+00
7.20E+01	-9.30E+01	1.57E+02	-1.71E-02	-3.26E+00
7.20E+01	-9.30E+01	1.57E+02	0.00E+00	-3.24E+00
7.20E+01	-9.30E+01	1.57E+02	-3.17E-02	-3.26E+00
7.20E+01	-9.30E+01	1.57E+02	-1.22E-03	-3.25E+00

7.21E+01	-9.30E+01	1.57E+02	-9.77E-03	-3.24E+00
7.21E+01	-9.30E+01	1.57E+02	-3.66E-03	-3.26E+00
7.21E+01	-9.30E+01	1.57E+02	-9.77E-03	-3.25E+00
7.21E+01	-9.30E+01	1.57E+02	-7.32E-03	-3.24E+00
7.21E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.25E+00
7.22E+01	-9.30E+01	1.56E+02	1.71E-02	-3.24E+00
7.22E+01	-9.30E+01	1.57E+02	-1.71E-02	-3.23E+00
7.22E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.25E+00
7.22E+01	-9.30E+01	1.57E+02	-1.34E-02	-3.24E+00
7.22E+01	-9.30E+01	1.57E+02	-2.44E-02	-3.24E+00
7.23E+01	-9.30E+01	1.57E+02	-2.93E-02	-3.23E+00
7.23E+01	-9.30E+01	1.57E+02	6.10E-03	-3.23E+00
7.23E+01	-9.30E+01	1.57E+02	-3.66E-03	-3.22E+00
7.23E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.23E+00
7.23E+01	-9.30E+01	1.56E+02	3.17E-02	-3.22E+00
7.24E+01	-9.30E+01	1.57E+02	-8.54E-03	-3.22E+00
7.24E+01	-9.30E+01	1.56E+02	-3.30E-02	-3.23E+00
7.24E+01	-9.30E+01	1.56E+02	3.66E-03	-3.24E+00
7.24E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.21E+00
7.24E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.23E+00
7.25E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.21E+00
7.25E+01	-9.30E+01	1.56E+02	-1.59E-02	-3.23E+00
7.25E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.22E+00
7.25E+01	-9.30E+01	1.56E+02	-1.10E-02	-3.21E+00
7.25E+01	-9.30E+01	1.56E+02	-4.15E-02	-3.22E+00
7.26E+01	-9.30E+01	1.56E+02	-2.44E-03	-3.20E+00
7.26E+01	-9.30E+01	1.56E+02	1.71E-02	-3.20E+00
7.26E+01	-9.30E+01	1.56E+02	-3.42E-02	-3.21E+00
7.26E+01	-9.30E+01	1.56E+02	-3.66E-02	-3.21E+00
7.26E+01	-9.30E+01	1.56E+02	1.22E-03	-3.21E+00
7.27E+01	-9.30E+01	1.56E+02	-5.13E-02	-3.20E+00
7.27E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.21E+00
7.27E+01	-9.30E+01	1.56E+02	-7.32E-03	-3.18E+00
7.27E+01	-9.30E+01	1.57E+02	-2.69E-02	-3.19E+00
7.27E+01	-9.30E+01	1.56E+02	-3.42E-02	-3.19E+00
7.28E+01	-9.30E+01	1.56E+02	-8.54E-03	-3.19E+00
7.28E+01	-9.30E+01	1.56E+02	-4.39E-02	-3.19E+00
7.28E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.21E+00
7.28E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.18E+00
7.28E+01	-9.30E+01	1.56E+02	-2.56E-02	-3.19E+00
7.29E+01	-9.30E+01	1.56E+02	-3.42E-02	-3.19E+00
7.29E+01	-9.30E+01	1.56E+02	0.00E+00	-3.18E+00
7.29E+01	-9.30E+01	1.56E+02	-4.27E-02	-3.17E+00
7.29E+01	-9.30E+01	1.56E+02	-2.32E-02	-3.19E+00
7.29E+01	-9.30E+01	1.56E+02	-3.66E-03	-3.17E+00
7.30E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.17E+00
7.30E+01	-9.30E+01	1.56E+02	-3.42E-02	-3.18E+00

7.30E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.17E+00
7.30E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.17E+00
7.30E+01	-9.30E+01	1.56E+02	-1.34E-02	-3.18E+00
7.31E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.17E+00
7.31E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.17E+00
7.31E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.17E+00
7.31E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.15E+00
7.31E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.16E+00
7.32E+01	-9.30E+01	1.56E+02	-1.34E-02	-3.17E+00
7.32E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.15E+00
7.32E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.15E+00
7.32E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.15E+00
7.32E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.15E+00
7.33E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.15E+00
7.33E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.16E+00
7.33E+01	-9.30E+01	1.57E+02	-4.88E-03	-3.14E+00
7.33E+01	-9.30E+01	1.56E+02	-3.30E-02	-3.14E+00
7.33E+01	-9.30E+01	1.56E+02	-7.32E-03	-3.15E+00
7.34E+01	-9.30E+01	1.57E+02	-1.71E-02	-3.14E+00
7.34E+01	-9.30E+01	1.57E+02	-3.66E-02	-3.15E+00
7.34E+01	-9.30E+01	1.56E+02	-8.54E-03	-3.15E+00
7.34E+01	-9.30E+01	1.57E+02	-1.46E-02	-3.13E+00
7.34E+01	-9.30E+01	1.57E+02	-2.93E-02	-3.14E+00
7.35E+01	-9.30E+01	1.57E+02	-3.17E-02	-3.13E+00
7.35E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.14E+00
7.35E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.13E+00
7.35E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.14E+00
7.35E+01	-9.30E+01	1.57E+02	0.00E+00	-3.12E+00
7.36E+01	-9.30E+01	1.57E+02	-5.37E-02	-3.13E+00
7.36E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.13E+00
7.36E+01	-9.30E+01	1.56E+02	-1.34E-02	-3.11E+00
7.36E+01	-9.30E+01	1.57E+02	-3.42E-02	-3.13E+00
7.36E+01	-9.30E+01	1.57E+02	-1.22E-02	-3.11E+00
7.37E+01	-9.30E+01	1.57E+02	-1.34E-02	-3.11E+00
7.37E+01	-9.30E+01	1.56E+02	-2.32E-02	-3.12E+00
7.37E+01	-9.30E+01	1.57E+02	-6.10E-03	-3.11E+00
7.37E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.11E+00
7.37E+01	-9.30E+01	1.57E+02	-3.17E-02	-3.12E+00
7.38E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.11E+00
7.38E+01	-9.30E+01	1.57E+02	-1.59E-02	-3.10E+00
7.38E+01	-9.30E+01	1.57E+02	-2.93E-02	-3.12E+00
7.38E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.10E+00
7.38E+01	-9.30E+01	1.57E+02	-1.95E-02	-3.09E+00
7.39E+01	-9.30E+01	1.57E+02	-1.95E-02	-3.10E+00
7.39E+01	-9.30E+01	1.57E+02	-3.17E-02	-3.11E+00
7.39E+01	-9.30E+01	1.57E+02	-1.46E-02	-3.09E+00
7.39E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.10E+00

7.39E+01	-9.30E+01	1.57E+02	-1.95E-02	-3.09E+00
7.40E+01	-9.30E+01	1.57E+02	-4.03E-02	-3.09E+00
7.40E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.09E+00
7.40E+01	-9.30E+01	1.57E+02	-1.59E-02	-3.09E+00
7.40E+01	-9.30E+01	1.57E+02	-7.32E-03	-3.08E+00
7.40E+01	-9.30E+01	1.57E+02	-4.52E-02	-3.08E+00
7.41E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.08E+00
7.41E+01	-9.30E+01	1.57E+02	-3.05E-02	-3.08E+00
7.41E+01	-9.30E+01	1.57E+02	1.10E-02	-3.08E+00
7.41E+01	-9.30E+01	1.57E+02	1.22E-02	-3.07E+00
7.41E+01	-9.30E+01	1.57E+02	-2.56E-02	-3.09E+00
7.42E+01	-9.30E+01	1.57E+02	-1.34E-02	-3.07E+00
7.42E+01	-9.30E+01	1.57E+02	-9.77E-03	-3.07E+00
7.42E+01	-9.30E+01	1.57E+02	-4.88E-03	-3.07E+00
7.42E+01	-9.30E+01	1.57E+02	3.66E-03	-3.07E+00
7.42E+01	-9.30E+01	1.57E+02	-2.32E-02	-3.06E+00
7.43E+01	-9.30E+01	1.57E+02	-3.78E-02	-3.08E+00
7.43E+01	-9.30E+01	1.57E+02	6.10E-03	-3.06E+00
7.43E+01	-9.30E+01	1.57E+02	-2.69E-02	-3.06E+00
7.43E+01	-9.30E+01	1.57E+02	-1.59E-02	-3.07E+00
7.43E+01	-9.30E+01	1.57E+02	1.46E-02	-3.05E+00
7.44E+01	-9.30E+01	1.57E+02	-2.93E-02	-3.07E+00
7.44E+01	-9.30E+01	1.57E+02	-2.08E-02	-3.07E+00
7.44E+01	-9.30E+01	1.57E+02	-4.88E-03	-3.05E+00
7.44E+01	-9.30E+01	1.57E+02	-2.44E-02	-3.05E+00
7.44E+01	-9.30E+01	1.57E+02	-3.30E-02	-3.04E+00
7.45E+01	-9.30E+01	1.57E+02	2.44E-03	-3.05E+00
7.45E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.05E+00
7.45E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.05E+00
7.45E+01	-9.30E+01	1.57E+02	7.32E-03	-3.02E+00
7.45E+01	-9.30E+01	1.57E+02	-2.44E-02	-3.04E+00
7.46E+01	-9.30E+01	1.57E+02	-1.95E-02	-3.04E+00
7.46E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.03E+00
7.46E+01	-9.30E+01	1.57E+02	-1.95E-02	-3.03E+00
7.46E+01	-9.30E+01	1.57E+02	-1.59E-02	-3.04E+00
7.46E+01	-9.30E+01	1.57E+02	-7.32E-03	-3.03E+00
7.47E+01	-9.30E+01	1.57E+02	-2.32E-02	-3.03E+00
7.47E+01	-9.30E+01	1.57E+02	-2.20E-02	-3.03E+00
7.47E+01	-9.30E+01	1.57E+02	-9.77E-03	-3.02E+00
7.47E+01	-9.30E+01	1.58E+02	-1.34E-02	-3.02E+00
7.47E+01	-9.30E+01	1.57E+02	-2.44E-02	-3.03E+00
7.48E+01	-9.30E+01	1.56E+02	-1.83E-02	-3.03E+00
7.48E+01	-9.30E+01	1.56E+02	2.44E-02	-3.01E+00
7.48E+01	-9.30E+01	1.57E+02	-3.17E-02	-3.02E+00
7.48E+01	-9.30E+01	1.57E+02	-1.71E-02	-3.03E+00
7.48E+01	-9.30E+01	1.57E+02	-1.10E-02	-3.01E+00
7.49E+01	-9.30E+01	1.57E+02	-9.77E-03	-3.00E+00

7.49E+01	-9.30E+01	1.58E+02	3.66E-03	-3.02E+00
7.49E+01	-9.30E+01	1.58E+02	-4.88E-03	-3.01E+00
7.49E+01	-9.30E+01	1.57E+02	7.32E-03	-3.00E+00
7.49E+01	-9.30E+01	1.57E+02	-2.44E-02	-3.00E+00
7.50E+01	-9.30E+01	1.57E+02	-1.22E-03	-3.02E+00
7.50E+01	-9.30E+01	1.57E+02	-2.44E-03	-3.00E+00
7.50E+01	-9.30E+01	1.57E+02	-1.95E-02	-3.00E+00
7.50E+01	-9.30E+01	1.57E+02	-3.66E-02	-2.99E+00
7.50E+01	-9.30E+01	1.57E+02	-1.10E-02	-3.00E+00
7.51E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.99E+00
7.51E+01	-9.30E+01	1.57E+02	-3.17E-02	-3.01E+00
7.51E+01	-9.30E+01	1.57E+02	-8.54E-03	-3.00E+00
7.51E+01	-9.30E+01	1.57E+02	2.44E-03	-2.98E+00
7.51E+01	-9.30E+01	1.57E+02	-2.56E-02	-2.99E+00
7.52E+01	-9.30E+01	1.57E+02	-1.59E-02	-2.99E+00
7.52E+01	-9.30E+01	1.58E+02	-3.66E-03	-2.99E+00
7.52E+01	-9.30E+01	1.58E+02	-4.52E-02	-2.98E+00
7.52E+01	-9.30E+01	1.57E+02	-2.44E-02	-2.99E+00
7.52E+01	-9.30E+01	1.57E+02	-1.10E-02	-2.97E+00
7.53E+01	-9.30E+01	1.58E+02	-2.08E-02	-2.97E+00
7.53E+01	-9.30E+01	1.57E+02	-2.69E-02	-2.99E+00
7.53E+01	-9.30E+01	1.57E+02	-1.34E-02	-2.99E+00
7.53E+01	-9.30E+01	1.57E+02	-1.22E-03	-2.96E+00
7.53E+01	-9.30E+01	1.58E+02	-1.46E-02	-2.97E+00
7.54E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.97E+00
7.54E+01	-9.30E+01	1.58E+02	-4.88E-03	-2.97E+00
7.54E+01	-9.30E+01	1.58E+02	-4.88E-03	-2.97E+00
7.54E+01	-9.30E+01	1.58E+02	-2.20E-02	-2.96E+00
7.54E+01	-9.30E+01	1.58E+02	-2.93E-02	-2.97E+00
7.55E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.96E+00
7.55E+01	-9.30E+01	1.57E+02	-9.77E-03	-2.96E+00
7.55E+01	-9.30E+01	1.58E+02	-3.91E-02	-2.97E+00
7.55E+01	-9.30E+01	1.58E+02	4.88E-03	-2.96E+00
7.55E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.95E+00
7.56E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.96E+00
7.56E+01	-9.30E+01	1.58E+02	-3.05E-02	-2.97E+00
7.56E+01	-9.30E+01	1.58E+02	-2.44E-02	-2.96E+00
7.56E+01	-9.30E+01	1.58E+02	-2.69E-02	-2.93E+00
7.56E+01	-9.30E+01	1.58E+02	-2.69E-02	-2.96E+00
7.57E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.95E+00
7.57E+01	-9.30E+01	1.58E+02	-1.34E-02	-2.93E+00
7.57E+01	-9.30E+01	1.57E+02	-3.17E-02	-2.95E+00
7.57E+01	-9.30E+01	1.58E+02	-3.66E-03	-2.94E+00
7.57E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.94E+00
7.58E+01	-9.30E+01	1.58E+02	-3.91E-02	-2.94E+00
7.58E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.95E+00
7.58E+01	-9.30E+01	1.57E+02	-2.44E-03	-2.93E+00

7.58E+01	-9.30E+01	1.58E+02	-2.20E-02	-2.93E+00
7.58E+01	-9.30E+01	1.58E+02	-3.91E-02	-2.95E+00
7.59E+01	-9.30E+01	1.57E+02	0.00E+00	-2.93E+00
7.59E+01	-9.30E+01	1.57E+02	-1.59E-02	-2.93E+00
7.59E+01	-9.30E+01	1.58E+02	-2.56E-02	-2.94E+00
7.59E+01	-9.30E+01	1.57E+02	-1.22E-02	-2.93E+00
7.59E+01	-9.30E+01	1.58E+02	-1.10E-02	-2.92E+00
7.60E+01	-9.30E+01	1.57E+02	-3.54E-02	-2.92E+00
7.60E+01	-9.30E+01	1.58E+02	1.83E-02	-2.93E+00
7.60E+01	-9.30E+01	1.58E+02	-1.83E-02	-2.92E+00
7.60E+01	-9.30E+01	1.58E+02	-2.20E-02	-2.92E+00
7.60E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.93E+00
7.61E+01	-9.30E+01	1.57E+02	-8.54E-03	-2.91E+00
7.61E+01	-9.30E+01	1.58E+02	-1.10E-02	-2.92E+00
7.61E+01	-9.30E+01	1.58E+02	-3.54E-02	-2.92E+00
7.61E+01	-9.30E+01	1.57E+02	0.00E+00	-2.91E+00
7.61E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.90E+00
7.62E+01	-9.30E+01	1.58E+02	-3.66E-02	-2.91E+00
7.62E+01	-9.30E+01	1.58E+02	-2.44E-03	-2.90E+00
7.62E+01	-9.30E+01	1.58E+02	-2.93E-02	-2.91E+00
7.62E+01	-9.30E+01	1.58E+02	-4.88E-03	-2.90E+00
7.62E+01	-9.30E+01	1.58E+02	4.88E-03	-2.89E+00
7.63E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.89E+00
7.63E+01	-9.30E+01	1.57E+02	-3.66E-02	-2.91E+00
7.63E+01	-9.30E+01	1.57E+02	-9.77E-03	-2.90E+00
7.63E+01	-9.30E+01	1.58E+02	1.34E-02	-2.88E+00
7.63E+01	-9.30E+01	1.57E+02	-3.66E-02	-2.89E+00
7.64E+01	-9.30E+01	1.57E+02	-1.59E-02	-2.90E+00
7.64E+01	-9.30E+01	1.58E+02	-1.46E-02	-2.88E+00
7.64E+01	-9.30E+01	1.58E+02	-3.42E-02	-2.89E+00
7.64E+01	-9.30E+01	1.57E+02	-1.22E-02	-2.89E+00
7.64E+01	-9.30E+01	1.57E+02	-1.10E-02	-2.88E+00
7.65E+01	-9.30E+01	1.58E+02	-3.17E-02	-2.88E+00
7.65E+01	-9.30E+01	1.58E+02	0.00E+00	-2.88E+00
7.65E+01	-9.30E+01	1.58E+02	-6.10E-03	-2.87E+00
7.65E+01	-9.30E+01	1.57E+02	-1.34E-02	-2.87E+00
7.65E+01	-9.30E+01	1.57E+02	-3.17E-02	-2.89E+00
7.66E+01	-9.30E+01	1.57E+02	2.44E-03	-2.87E+00
7.66E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.87E+00
7.66E+01	-9.30E+01	1.58E+02	-2.32E-02	-2.87E+00
7.66E+01	-9.30E+01	1.57E+02	-2.81E-02	-2.87E+00
7.66E+01	-9.30E+01	1.58E+02	0.00E+00	-2.87E+00
7.67E+01	-9.30E+01	1.58E+02	-1.34E-02	-2.86E+00
7.67E+01	-9.30E+01	1.57E+02	-3.30E-02	-2.87E+00
7.67E+01	-9.30E+01	1.57E+02	0.00E+00	-2.87E+00
7.67E+01	-9.30E+01	1.58E+02	9.77E-03	-2.85E+00
7.67E+01	-9.30E+01	1.58E+02	-2.69E-02	-2.86E+00

7.68E+01	-9.30E+01	1.57E+02	-2.32E-02	-2.86E+00
7.68E+01	-9.30E+01	1.58E+02	4.88E-03	-2.86E+00
7.68E+01	-9.30E+01	1.58E+02	-2.44E-02	-2.86E+00
7.68E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.84E+00
7.68E+01	-9.30E+01	1.57E+02	-1.22E-02	-2.85E+00
7.69E+01	-9.30E+01	1.57E+02	0.00E+00	-2.84E+00
7.69E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.84E+00
7.69E+01	-9.30E+01	1.58E+02	-3.30E-02	-2.86E+00
7.69E+01	-9.30E+01	1.57E+02	2.44E-03	-2.85E+00
7.69E+01	-9.30E+01	1.57E+02	-1.59E-02	-2.83E+00
7.70E+01	-9.30E+01	1.57E+02	-5.25E-02	-2.84E+00
7.70E+01	-9.30E+01	1.58E+02	-1.10E-02	-2.84E+00
7.70E+01	-9.30E+01	1.58E+02	-2.44E-03	-2.83E+00
7.70E+01	-9.30E+01	1.57E+02	-3.17E-02	-2.84E+00
7.70E+01	-9.30E+01	1.57E+02	-4.39E-02	-2.84E+00
7.71E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.84E+00
7.71E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.82E+00
7.71E+01	-9.30E+01	1.57E+02	-3.05E-02	-2.83E+00
7.71E+01	-9.30E+01	1.57E+02	4.88E-03	-2.83E+00
7.71E+01	-9.30E+01	1.57E+02	1.22E-03	-2.82E+00
7.72E+01	-9.30E+01	1.57E+02	-3.17E-02	-2.82E+00
7.72E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.84E+00
7.72E+01	-9.30E+01	1.57E+02	-2.93E-02	-2.82E+00
7.72E+01	-9.30E+01	1.57E+02	-1.34E-02	-2.82E+00
7.72E+01	-9.30E+01	1.57E+02	-3.42E-02	-2.82E+00
7.73E+01	-9.30E+01	1.57E+02	-2.44E-03	-2.82E+00
7.73E+01	-9.30E+01	1.57E+02	-2.08E-02	-2.81E+00
7.73E+01	-9.30E+01	1.57E+02	-2.69E-02	-2.80E+00
7.73E+01	-9.30E+01	1.57E+02	-9.77E-03	-2.81E+00
7.73E+01	-9.30E+01	1.57E+02	-3.66E-03	-2.80E+00
7.74E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.80E+00
7.74E+01	-9.30E+01	1.57E+02	2.44E-03	-2.81E+00
7.74E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.80E+00
7.74E+01	-9.30E+01	1.57E+02	-3.05E-02	-2.81E+00
7.74E+01	-9.30E+01	1.57E+02	0.00E+00	-2.80E+00
7.75E+01	-9.30E+01	1.57E+02	-4.39E-02	-2.78E+00
7.75E+01	-9.30E+01	1.57E+02	-2.56E-02	-2.80E+00
7.75E+01	-9.30E+01	1.57E+02	0.00E+00	-2.79E+00
7.75E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.79E+00
7.75E+01	-9.30E+01	1.57E+02	-9.77E-03	-2.81E+00
7.76E+01	-9.30E+01	1.57E+02	-8.54E-03	-2.78E+00
7.76E+01	-9.30E+01	1.57E+02	-2.20E-02	-2.78E+00
7.76E+01	-9.30E+01	1.56E+02	4.88E-03	-2.79E+00
7.76E+01	-9.30E+01	1.57E+02	-2.44E-03	-2.79E+00
7.76E+01	-9.30E+01	1.57E+02	-3.42E-02	-2.78E+00
7.77E+01	-9.30E+01	1.57E+02	-1.46E-02	-2.79E+00
7.77E+01	-9.30E+01	1.57E+02	1.46E-02	-2.77E+00

7.77E+01	-9.30E+01	1.57E+02	-2.81E-02	-2.79E+00
7.77E+01	-9.30E+01	1.57E+02	-1.59E-02	-2.78E+00
7.77E+01	-9.30E+01	1.57E+02	0.00E+00	-2.77E+00
7.78E+01	-9.30E+01	1.57E+02	-9.77E-03	-2.77E+00
7.78E+01	-9.30E+01	1.56E+02	1.22E-02	-2.77E+00
7.78E+01	-9.30E+01	1.57E+02	-6.10E-03	-2.76E+00
7.78E+01	-9.30E+01	1.57E+02	-2.44E-02	-2.77E+00
7.78E+01	-9.30E+01	1.57E+02	-2.93E-02	-2.77E+00
7.79E+01	-9.30E+01	1.56E+02	7.32E-03	-2.76E+00
7.79E+01	-9.30E+01	1.57E+02	-3.17E-02	-2.76E+00
7.79E+01	-9.30E+01	1.57E+02	-1.83E-02	-2.76E+00
7.79E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.75E+00
7.79E+01	-9.30E+01	1.57E+02	-3.91E-02	-2.76E+00
7.80E+01	-9.30E+01	1.57E+02	-2.69E-02	-2.76E+00
7.80E+01	-9.30E+01	1.57E+02	2.44E-03	-2.75E+00
7.80E+01	-9.30E+01	1.57E+02	-2.81E-02	-2.75E+00
7.80E+01	-9.30E+01	1.57E+02	6.10E-03	-2.75E+00
7.80E+01	-9.30E+01	1.57E+02	-1.46E-02	-2.76E+00
7.81E+01	-9.30E+01	1.57E+02	-1.10E-02	-2.74E+00
7.81E+01	-9.30E+01	1.57E+02	-7.32E-03	-2.74E+00
7.81E+01	-9.30E+01	1.57E+02	-1.46E-02	-2.75E+00
7.81E+01	-9.30E+01	1.57E+02	-2.44E-03	-2.74E+00
7.81E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.74E+00
7.82E+01	-9.30E+01	1.57E+02	2.44E-03	-2.75E+00
7.82E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.71E+00
7.82E+01	-9.30E+01	1.57E+02	-2.20E-02	-2.73E+00
7.82E+01	-9.30E+01	1.57E+02	-2.08E-02	-2.74E+00
7.82E+01	-9.30E+01	1.57E+02	1.46E-02	-2.73E+00
7.83E+01	-9.30E+01	1.57E+02	-2.08E-02	-2.73E+00
7.83E+01	-9.30E+01	1.56E+02	-2.44E-02	-2.74E+00
7.83E+01	-9.30E+01	1.56E+02	-1.22E-02	-2.72E+00
7.83E+01	-9.30E+01	1.57E+02	-9.77E-03	-2.71E+00
7.83E+01	-9.30E+01	1.57E+02	-3.66E-02	-2.72E+00
7.84E+01	-9.30E+01	1.56E+02	-2.44E-03	-2.72E+00
7.84E+01	-9.30E+01	1.57E+02	-1.22E-02	-2.72E+00
7.84E+01	-9.30E+01	1.58E+02	-2.44E-03	-2.70E+00
7.84E+01	-9.30E+01	1.57E+02	-2.44E-02	-2.72E+00
7.84E+01	-9.30E+01	1.56E+02	-6.10E-03	-2.72E+00
7.85E+01	-9.30E+01	1.56E+02	0.00E+00	-2.70E+00
7.85E+01	-9.30E+01	1.57E+02	-3.30E-02	-2.70E+00
7.85E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.72E+00
7.85E+01	-9.30E+01	1.57E+02	0.00E+00	-2.70E+00
7.85E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.70E+00
7.86E+01	-9.30E+01	1.57E+02	-2.69E-02	-2.70E+00
7.86E+01	-9.30E+01	1.57E+02	0.00E+00	-2.70E+00
7.86E+01	-9.30E+01	1.57E+02	-2.81E-02	-2.70E+00
7.86E+01	-9.30E+01	1.57E+02	-2.69E-02	-2.71E+00

7.86E+01	-9.30E+01	1.57E+02	-1.10E-02	-2.68E+00
7.87E+01	-9.30E+01	1.57E+02	-1.46E-02	-2.69E+00
7.87E+01	-9.30E+01	1.57E+02	-3.91E-02	-2.70E+00
7.87E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.69E+00
7.87E+01	-9.30E+01	1.57E+02	-1.10E-02	-2.68E+00
7.87E+01	-9.30E+01	1.57E+02	-2.69E-02	-2.69E+00
7.88E+01	-9.30E+01	1.57E+02	-6.10E-03	-2.70E+00
7.88E+01	-9.30E+01	1.57E+02	-3.66E-03	-2.67E+00
7.88E+01	-9.30E+01	1.57E+02	-8.54E-03	-2.68E+00
7.88E+01	-9.30E+01	1.57E+02	-2.20E-02	-2.69E+00
7.88E+01	-9.30E+01	1.57E+02	4.88E-03	-2.68E+00
7.89E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.66E+00
7.89E+01	-9.30E+01	1.57E+02	-1.22E-02	-2.68E+00
7.89E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.68E+00
7.89E+01	-9.30E+01	1.57E+02	9.77E-03	-2.67E+00
7.89E+01	-9.30E+01	1.57E+02	-2.44E-02	-2.68E+00
7.90E+01	-9.30E+01	1.57E+02	-5.13E-02	-2.68E+00
7.90E+01	-9.30E+01	1.57E+02	-8.54E-03	-2.67E+00
7.90E+01	-9.30E+01	1.57E+02	-3.30E-02	-2.67E+00
7.90E+01	-9.30E+01	1.57E+02	-1.22E-02	-2.69E+00
7.90E+01	-9.30E+01	1.57E+02	-2.32E-02	-2.66E+00
7.91E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.66E+00
7.91E+01	-9.30E+01	1.57E+02	-1.46E-02	-2.67E+00
7.91E+01	-9.30E+01	1.57E+02	0.00E+00	-2.67E+00
7.91E+01	-9.30E+01	1.57E+02	-7.32E-03	-2.65E+00
7.91E+01	-9.30E+01	1.57E+02	-2.93E-02	-2.66E+00
7.92E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.66E+00
7.92E+01	-9.30E+01	1.57E+02	4.88E-03	-2.67E+00
7.92E+01	-9.30E+01	1.57E+02	-3.91E-02	-2.65E+00
7.92E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.65E+00
7.92E+01	-9.30E+01	1.57E+02	-2.44E-03	-2.64E+00
7.93E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.66E+00
7.93E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.65E+00
7.93E+01	-9.30E+01	1.57E+02	-6.10E-03	-2.64E+00
7.93E+01	-9.30E+01	1.57E+02	-1.34E-02	-2.64E+00
7.93E+01	-9.30E+01	1.57E+02	-1.22E-02	-2.64E+00
7.94E+01	-9.30E+01	1.57E+02	-7.32E-03	-2.63E+00
7.94E+01	-9.30E+01	1.57E+02	-2.69E-02	-2.64E+00
7.94E+01	-9.30E+01	1.57E+02	-2.93E-02	-2.64E+00
7.94E+01	-9.30E+01	1.57E+02	-2.20E-02	-2.63E+00
7.94E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.62E+00
7.95E+01	-9.30E+01	1.57E+02	-2.08E-02	-2.63E+00
7.95E+01	-9.30E+01	1.57E+02	-2.20E-02	-2.64E+00
7.95E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.62E+00
7.95E+01	-9.30E+01	1.57E+02	-3.42E-02	-2.63E+00
7.95E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.63E+00
7.96E+01	-9.30E+01	1.57E+02	-2.44E-03	-2.61E+00

7.96E+01	-9.30E+01	1.58E+02	-1.46E-02	-2.61E+00
7.96E+01	-9.30E+01	1.57E+02	-2.69E-02	-2.63E+00
7.96E+01	-9.30E+01	1.57E+02	-1.46E-02	-2.62E+00
7.96E+01	-9.30E+01	1.57E+02	-2.44E-02	-2.60E+00
7.97E+01	-9.30E+01	1.58E+02	-3.66E-02	-2.61E+00
7.97E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.62E+00
7.97E+01	-9.30E+01	1.57E+02	-1.22E-02	-2.61E+00
7.97E+01	-9.30E+01	1.57E+02	-2.44E-03	-2.60E+00
7.97E+01	-9.30E+01	1.57E+02	-3.54E-02	-2.61E+00
7.98E+01	-9.30E+01	1.57E+02	2.44E-03	-2.60E+00
7.98E+01	-9.30E+01	1.57E+02	-3.17E-02	-2.60E+00
7.98E+01	-9.30E+01	1.57E+02	1.22E-03	-2.61E+00
7.98E+01	-9.30E+01	1.57E+02	-1.22E-02	-2.60E+00
7.98E+01	-9.30E+01	1.57E+02	-7.32E-03	-2.60E+00
7.99E+01	-9.30E+01	1.57E+02	-2.93E-02	-2.60E+00
7.99E+01	-9.30E+01	1.57E+02	-2.44E-02	-2.61E+00
7.99E+01	-9.30E+01	1.58E+02	4.88E-03	-2.59E+00
7.99E+01	-9.30E+01	1.57E+02	-1.22E-02	-2.59E+00
7.99E+01	-9.30E+01	1.57E+02	-2.93E-02	-2.60E+00
8.00E+01	-9.30E+01	1.57E+02	-9.77E-03	-2.58E+00
8.00E+01	-9.30E+01	1.57E+02	-1.22E-03	-2.58E+00
8.00E+01	-9.30E+01	1.57E+02	-3.54E-02	-2.59E+00
8.00E+01	-9.30E+01	1.57E+02	-3.66E-03	-2.59E+00
8.00E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.58E+00
8.01E+01	-9.30E+01	1.57E+02	-2.20E-02	-2.58E+00
8.01E+01	-9.30E+01	1.57E+02	-3.05E-02	-2.59E+00
8.01E+01	-9.30E+01	1.57E+02	9.77E-03	-2.57E+00
8.01E+01	-9.30E+01	1.57E+02	-6.10E-03	-2.57E+00
8.01E+01	-9.30E+01	1.58E+02	-3.17E-02	-2.57E+00
8.02E+01	-9.30E+01	1.57E+02	-1.22E-02	-2.58E+00
8.02E+01	-9.30E+01	1.57E+02	-2.20E-02	-2.56E+00
8.02E+01	-9.30E+01	1.57E+02	-2.56E-02	-2.56E+00
8.02E+01	-9.30E+01	1.57E+02	-3.66E-02	-2.57E+00
8.02E+01	-9.30E+01	1.57E+02	2.44E-03	-2.56E+00
8.03E+01	-9.30E+01	1.58E+02	-4.64E-02	-2.55E+00
8.03E+01	-9.30E+01	1.57E+02	-2.44E-02	-2.57E+00
8.03E+01	-9.30E+01	1.57E+02	-3.54E-02	-2.57E+00
8.03E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.57E+00
8.03E+01	-9.30E+01	1.58E+02	-4.27E-02	-2.55E+00
8.04E+01	-9.30E+01	1.57E+02	-3.30E-02	-2.56E+00
8.04E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.56E+00
8.04E+01	-9.30E+01	1.58E+02	-1.59E-02	-2.56E+00
8.04E+01	-9.30E+01	1.58E+02	-4.15E-02	-2.55E+00
8.04E+01	-9.30E+01	1.57E+02	-2.56E-02	-2.55E+00
8.05E+01	-9.30E+01	1.57E+02	1.71E-02	-2.54E+00
8.05E+01	-9.30E+01	1.58E+02	-3.17E-02	-2.55E+00
8.05E+01	-9.30E+01	1.58E+02	0.00E+00	-2.54E+00

8.05E+01	-9.30E+01	1.57E+02	-3.17E-02	-2.55E+00
8.05E+01	-9.30E+01	1.57E+02	1.22E-03	-2.54E+00
8.06E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.52E+00
8.06E+01	-9.30E+01	1.58E+02	-6.59E-02	-2.54E+00
8.06E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.54E+00
8.06E+01	-9.30E+01	1.57E+02	-1.83E-02	-2.53E+00
8.06E+01	-9.30E+01	1.57E+02	-2.69E-02	-2.53E+00
8.07E+01	-9.30E+01	1.58E+02	-5.25E-02	-2.53E+00
8.07E+01	-9.30E+01	1.57E+02	9.77E-03	-2.53E+00
8.07E+01	-9.30E+01	1.58E+02	-2.20E-02	-2.52E+00
8.07E+01	-9.30E+01	1.58E+02	-3.42E-02	-2.52E+00
8.07E+01	-9.30E+01	1.57E+02	4.88E-03	-2.53E+00
8.08E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.51E+00
8.08E+01	-9.30E+01	1.58E+02	-2.81E-02	-2.52E+00
8.08E+01	-9.30E+01	1.58E+02	-1.10E-02	-2.51E+00
8.08E+01	-9.30E+01	1.57E+02	2.44E-03	-2.52E+00
8.08E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.51E+00
8.09E+01	-9.30E+01	1.58E+02	-2.56E-02	-2.51E+00
8.09E+01	-9.30E+01	1.58E+02	-4.64E-02	-2.52E+00
8.09E+01	-9.30E+01	1.58E+02	2.44E-03	-2.51E+00
8.09E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.50E+00
8.09E+01	-9.30E+01	1.58E+02	-3.17E-02	-2.50E+00
8.10E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.51E+00
8.10E+01	-9.30E+01	1.58E+02	-6.10E-03	-2.49E+00
8.10E+01	-9.30E+01	1.58E+02	-3.42E-02	-2.50E+00
8.10E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.50E+00
8.10E+01	-9.30E+01	1.57E+02	1.95E-02	-2.50E+00
8.11E+01	-9.30E+01	1.58E+02	-2.69E-02	-2.49E+00
8.11E+01	-9.30E+01	1.57E+02	-2.93E-02	-2.50E+00
8.11E+01	-9.30E+01	1.57E+02	-9.77E-03	-2.50E+00
8.11E+01	-9.30E+01	1.58E+02	-4.88E-03	-2.48E+00
8.11E+01	-9.30E+01	1.58E+02	-3.66E-02	-2.49E+00
8.12E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.49E+00
8.12E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.49E+00
8.12E+01	-9.30E+01	1.58E+02	-1.10E-02	-2.47E+00
8.12E+01	-9.30E+01	1.58E+02	-2.44E-02	-2.49E+00
8.12E+01	-9.30E+01	1.57E+02	-1.59E-02	-2.48E+00
8.13E+01	-9.30E+01	1.58E+02	3.66E-03	-2.46E+00
8.13E+01	-9.30E+01	1.57E+02	-3.17E-02	-2.48E+00
8.13E+01	-9.30E+01	1.57E+02	-1.83E-02	-2.48E+00
8.13E+01	-9.30E+01	1.57E+02	0.00E+00	-2.47E+00
8.13E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.46E+00
8.14E+01	-9.30E+01	1.58E+02	-2.69E-02	-2.48E+00
8.14E+01	-9.30E+01	1.57E+02	4.88E-03	-2.47E+00
8.14E+01	-9.30E+01	1.58E+02	-1.71E-02	-2.46E+00
8.14E+01	-9.30E+01	1.58E+02	-3.66E-02	-2.46E+00
8.14E+01	-9.30E+01	1.57E+02	-1.46E-02	-2.47E+00

8.15E+01	-9.30E+01	1.57E+02	-6.10E-03	-2.46E+00
8.15E+01	-9.30E+01	1.58E+02	-3.66E-02	-2.46E+00
8.15E+01	-9.30E+01	1.58E+02	-5.25E-02	-2.47E+00
8.15E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.46E+00
8.15E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.45E+00
8.16E+01	-9.30E+01	1.58E+02	-3.42E-02	-2.46E+00
8.16E+01	-9.30E+01	1.57E+02	-4.76E-02	-2.47E+00
8.16E+01	-9.30E+01	1.58E+02	-8.54E-03	-2.45E+00
8.16E+01	-9.30E+01	1.58E+02	-3.78E-02	-2.45E+00
8.16E+01	-9.30E+01	1.58E+02	-2.44E-03	-2.45E+00
8.17E+01	-9.30E+01	1.58E+02	-4.39E-02	-2.44E+00
8.17E+01	-9.30E+01	1.58E+02	-2.32E-02	-2.45E+00
8.17E+01	-9.30E+01	1.57E+02	-1.46E-02	-2.44E+00
8.17E+01	-9.30E+01	1.57E+02	0.00E+00	-2.43E+00
8.17E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.44E+00
8.18E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.44E+00
8.18E+01	-9.30E+01	1.57E+02	-1.34E-02	-2.43E+00
8.18E+01	-9.30E+01	1.57E+02	-1.46E-02	-2.43E+00
8.18E+01	-9.30E+01	1.57E+02	-3.05E-02	-2.45E+00
8.18E+01	-9.30E+01	1.58E+02	-1.22E-03	-2.43E+00
8.19E+01	-9.30E+01	1.58E+02	-3.30E-02	-2.42E+00
8.19E+01	-9.30E+01	1.57E+02	-2.56E-02	-2.43E+00
8.19E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.42E+00
8.19E+01	-9.30E+01	1.58E+02	-4.88E-03	-2.42E+00
8.19E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.42E+00
8.20E+01	-9.30E+01	1.57E+02	-3.91E-02	-2.42E+00
8.20E+01	-9.30E+01	1.57E+02	4.88E-03	-2.42E+00
8.20E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.41E+00
8.20E+01	-9.30E+01	1.58E+02	-2.93E-02	-2.42E+00
8.20E+01	-9.30E+01	1.57E+02	-7.32E-03	-2.41E+00
8.21E+01	-9.30E+01	1.58E+02	-1.22E-03	-2.41E+00
8.21E+01	-9.30E+01	1.57E+02	-3.17E-02	-2.41E+00
8.21E+01	-9.30E+01	1.57E+02	-7.32E-03	-2.41E+00
8.21E+01	-9.30E+01	1.57E+02	9.77E-03	-2.41E+00
8.21E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.40E+00
8.22E+01	-9.30E+01	1.57E+02	-2.20E-02	-2.41E+00
8.22E+01	-9.30E+01	1.58E+02	0.00E+00	-2.39E+00
8.22E+01	-9.30E+01	1.58E+02	-3.91E-02	-2.40E+00
8.22E+01	-9.30E+01	1.58E+02	-3.17E-02	-2.40E+00
8.22E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.40E+00
8.23E+01	-9.30E+01	1.58E+02	-2.44E-03	-2.37E+00
8.23E+01	-9.30E+01	1.58E+02	2.44E-03	-2.39E+00
8.23E+01	-9.30E+01	1.58E+02	-3.17E-02	-2.40E+00
8.23E+01	-9.30E+01	1.57E+02	1.46E-02	-2.39E+00
8.23E+01	-9.30E+01	1.57E+02	-1.83E-02	-2.40E+00
8.24E+01	-9.30E+01	1.58E+02	-4.76E-02	-2.39E+00
8.24E+01	-9.30E+01	1.58E+02	-1.10E-02	-2.39E+00

8.24E+01	-9.30E+01	1.58E+02	1.22E-03	-2.37E+00
8.24E+01	-9.30E+01	1.58E+02	-6.10E-03	-2.37E+00
8.24E+01	-9.30E+01	1.58E+02	-2.44E-02	-2.38E+00
8.25E+01	-9.30E+01	1.58E+02	-2.44E-03	-2.38E+00
8.25E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.36E+00
8.25E+01	-9.30E+01	1.57E+02	-1.22E-02	-2.39E+00
8.25E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.38E+00
8.25E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.37E+00
8.26E+01	-9.30E+01	1.58E+02	-3.17E-02	-2.37E+00
8.26E+01	-9.30E+01	1.57E+02	-5.37E-02	-2.37E+00
8.26E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.38E+00
8.26E+01	-9.30E+01	1.58E+02	2.44E-03	-2.36E+00
8.26E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.35E+00
8.27E+01	-9.30E+01	1.58E+02	-3.91E-02	-2.36E+00
8.27E+01	-9.30E+01	1.57E+02	-7.32E-03	-2.36E+00
8.27E+01	-9.30E+01	1.58E+02	2.44E-03	-2.36E+00
8.27E+01	-9.30E+01	1.58E+02	-2.44E-02	-2.36E+00
8.27E+01	-9.30E+01	1.57E+02	-2.69E-02	-2.37E+00
8.28E+01	-9.30E+01	1.57E+02	-1.10E-02	-2.36E+00
8.28E+01	-9.30E+01	1.58E+02	4.88E-03	-2.35E+00
8.28E+01	-9.30E+01	1.58E+02	-3.66E-02	-2.35E+00
8.28E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.36E+00
8.28E+01	-9.30E+01	1.57E+02	-1.10E-02	-2.35E+00
8.29E+01	-9.30E+01	1.58E+02	1.46E-02	-2.33E+00
8.29E+01	-9.30E+01	1.57E+02	-1.46E-02	-2.33E+00
8.29E+01	-9.30E+01	1.57E+02	-3.42E-02	-2.34E+00
8.29E+01	-9.30E+01	1.57E+02	-9.77E-03	-2.34E+00
8.29E+01	-9.30E+01	1.57E+02	-1.71E-02	-2.33E+00
8.30E+01	-9.30E+01	1.58E+02	-2.44E-02	-2.34E+00
8.30E+01	-9.30E+01	1.57E+02	-2.93E-02	-2.34E+00
8.30E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.33E+00
8.30E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.34E+00
8.30E+01	-9.30E+01	1.58E+02	-3.42E-02	-2.33E+00
8.31E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.33E+00
8.31E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.32E+00
8.31E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.32E+00
8.31E+01	-9.30E+01	1.58E+02	-3.66E-02	-2.32E+00
8.31E+01	-9.30E+01	1.57E+02	-2.20E-02	-2.33E+00
8.32E+01	-9.30E+01	1.57E+02	0.00E+00	-2.31E+00
8.32E+01	-9.30E+01	1.58E+02	-4.03E-02	-2.32E+00
8.32E+01	-9.30E+01	1.58E+02	-2.44E-02	-2.33E+00
8.32E+01	-9.30E+01	1.57E+02	-1.95E-02	-2.33E+00
8.32E+01	-9.30E+01	1.57E+02	-2.93E-02	-2.30E+00
8.33E+01	-9.30E+01	1.58E+02	-3.66E-02	-2.31E+00
8.33E+01	-9.30E+01	1.57E+02	-1.46E-02	-2.32E+00
8.33E+01	-9.30E+01	1.58E+02	-1.71E-02	-2.31E+00
8.33E+01	-9.30E+01	1.57E+02	-7.32E-03	-2.30E+00

8.33E+01	-9.30E+01	1.57E+02	-2.20E-02	-2.31E+00
8.34E+01	-9.30E+01	1.57E+02	-2.93E-02	-2.31E+00
8.34E+01	-9.30E+01	1.57E+02	-7.32E-03	-2.31E+00
8.34E+01	-9.30E+01	1.58E+02	-2.44E-03	-2.29E+00
8.34E+01	-9.30E+01	1.58E+02	-2.81E-02	-2.30E+00
8.34E+01	-9.30E+01	1.58E+02	-4.39E-02	-2.31E+00
8.35E+01	-9.30E+01	1.58E+02	-7.32E-03	-2.29E+00
8.35E+01	-9.30E+01	1.57E+02	-9.77E-03	-2.29E+00
8.35E+01	-9.30E+01	1.58E+02	-3.17E-02	-2.29E+00
8.35E+01	-9.30E+01	1.58E+02	-3.42E-02	-2.30E+00
8.35E+01	-9.30E+01	1.58E+02	2.69E-02	-2.28E+00
8.36E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.28E+00
8.36E+01	-9.30E+01	1.57E+02	-2.69E-02	-2.29E+00
8.36E+01	-9.30E+01	1.58E+02	-1.46E-02	-2.29E+00
8.36E+01	-9.30E+01	1.58E+02	-2.44E-03	-2.27E+00
8.36E+01	-9.30E+01	1.58E+02	-2.20E-02	-2.28E+00
8.37E+01	-9.30E+01	1.57E+02	-2.20E-02	-2.29E+00
8.37E+01	-9.30E+01	1.58E+02	-7.32E-03	-2.29E+00
8.37E+01	-9.30E+01	1.58E+02	-7.32E-03	-2.27E+00
8.37E+01	-9.30E+01	1.58E+02	-2.69E-02	-2.28E+00
8.37E+01	-9.30E+01	1.57E+02	-4.88E-03	-2.28E+00
8.38E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.25E+00
8.38E+01	-9.30E+01	1.58E+02	-2.08E-02	-2.27E+00
8.38E+01	-9.30E+01	1.58E+02	-3.17E-02	-2.27E+00
8.38E+01	-9.30E+01	1.57E+02	3.66E-03	-2.27E+00
8.38E+01	-9.30E+01	1.58E+02	4.88E-03	-2.27E+00
8.39E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.26E+00
8.39E+01	-9.30E+01	1.58E+02	-2.08E-02	-2.27E+00
8.39E+01	-9.30E+01	1.58E+02	-3.66E-03	-2.26E+00
8.39E+01	-9.30E+01	1.58E+02	-5.13E-02	-2.25E+00
8.39E+01	-9.30E+01	1.58E+02	-3.30E-02	-2.26E+00
8.40E+01	-9.30E+01	1.58E+02	7.32E-03	-2.26E+00
8.40E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.25E+00
8.40E+01	-9.30E+01	1.58E+02	-3.66E-02	-2.25E+00
8.40E+01	-9.30E+01	1.58E+02	-2.69E-02	-2.25E+00
8.40E+01	-9.30E+01	1.58E+02	-1.59E-02	-2.25E+00
8.41E+01	-9.30E+01	1.58E+02	4.88E-03	-2.25E+00
8.41E+01	-9.30E+01	1.58E+02	-2.32E-02	-2.23E+00
8.41E+01	-9.30E+01	1.58E+02	-3.05E-02	-2.24E+00
8.41E+01	-9.30E+01	1.58E+02	-2.20E-02	-2.25E+00
8.41E+01	-9.30E+01	1.58E+02	1.95E-02	-2.25E+00
8.42E+01	-9.30E+01	1.58E+02	-1.83E-02	-2.23E+00
8.42E+01	-9.30E+01	1.58E+02	-3.91E-02	-2.24E+00
8.42E+01	-9.30E+01	1.58E+02	-2.20E-02	-2.24E+00
8.42E+01	-9.30E+01	1.58E+02	-1.46E-02	-2.22E+00
8.42E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.23E+00
8.43E+01	-9.30E+01	1.58E+02	-2.93E-02	-2.23E+00

8.43E+01	-9.30E+01	1.59E+02	2.69E-02	-2.22E+00
8.43E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.22E+00
8.43E+01	-9.30E+01	1.58E+02	-2.20E-02	-2.22E+00
8.43E+01	-9.30E+01	1.58E+02	-2.20E-02	-2.23E+00
8.44E+01	-9.30E+01	1.58E+02	1.71E-02	-2.22E+00
8.44E+01	-9.30E+01	1.58E+02	0.00E+00	-2.21E+00
8.44E+01	-9.30E+01	1.59E+02	-3.05E-02	-2.21E+00
8.44E+01	-9.30E+01	1.58E+02	-7.32E-03	-2.22E+00
8.44E+01	-9.30E+01	1.58E+02	9.77E-03	-2.21E+00
8.45E+01	-9.30E+01	1.59E+02	-7.32E-03	-2.20E+00
8.45E+01	-9.30E+01	1.59E+02	-2.81E-02	-2.21E+00
8.45E+01	-9.30E+01	1.58E+02	-1.34E-02	-2.21E+00
8.45E+01	-9.30E+01	1.58E+02	-3.91E-02	-2.22E+00
8.45E+01	-9.30E+01	1.59E+02	0.00E+00	-2.20E+00
8.46E+01	-9.30E+01	1.59E+02	-2.44E-02	-2.21E+00
8.46E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.21E+00
8.46E+01	-9.30E+01	1.59E+02	-3.91E-02	-2.21E+00
8.46E+01	-9.30E+01	1.59E+02	8.54E-03	-2.19E+00
8.46E+01	-9.30E+01	1.59E+02	-1.71E-02	-2.20E+00
8.47E+01	-9.30E+01	1.59E+02	-1.71E-02	-2.20E+00
8.47E+01	-9.30E+01	1.58E+02	-2.20E-02	-2.20E+00
8.47E+01	-9.30E+01	1.59E+02	-9.77E-03	-2.19E+00
8.47E+01	-9.30E+01	1.59E+02	-1.22E-02	-2.18E+00
8.47E+01	-9.30E+01	1.59E+02	-4.39E-02	-2.18E+00
8.48E+01	-9.30E+01	1.59E+02	-1.71E-02	-2.19E+00
8.48E+01	-9.30E+01	1.59E+02	-2.44E-03	-2.18E+00
8.48E+01	-9.30E+01	1.59E+02	-9.77E-03	-2.18E+00
8.48E+01	-9.30E+01	1.59E+02	-1.71E-02	-2.18E+00
8.48E+01	-9.30E+01	1.58E+02	-2.08E-02	-2.19E+00
8.49E+01	-9.30E+01	1.59E+02	2.44E-03	-2.17E+00
8.49E+01	-9.30E+01	1.59E+02	-2.93E-02	-2.17E+00
8.49E+01	-9.30E+01	1.58E+02	-2.93E-02	-2.19E+00
8.49E+01	-9.30E+01	1.59E+02	-4.88E-03	-2.17E+00
8.49E+01	-9.30E+01	1.59E+02	-1.71E-02	-2.17E+00
8.50E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.17E+00
8.50E+01	-9.30E+01	1.58E+02	-4.27E-02	-2.17E+00
8.50E+01	-9.30E+01	1.58E+02	1.22E-03	-2.16E+00
8.50E+01	-9.30E+01	1.59E+02	-8.54E-03	-2.16E+00
8.50E+01	-9.30E+01	1.59E+02	-2.20E-02	-2.17E+00
8.51E+01	-9.30E+01	1.59E+02	6.10E-03	-2.17E+00
8.51E+01	-9.30E+01	1.58E+02	6.10E-03	-2.16E+00
8.51E+01	-9.30E+01	1.59E+02	-4.27E-02	-2.16E+00
8.51E+01	-9.30E+01	1.59E+02	-3.91E-02	-2.15E+00
8.51E+01	-9.30E+01	1.58E+02	-3.54E-02	-2.16E+00
8.52E+01	-9.30E+01	1.59E+02	-6.10E-03	-2.14E+00
8.52E+01	-9.30E+01	1.59E+02	-1.71E-02	-2.15E+00
8.52E+01	-9.30E+01	1.58E+02	-2.93E-02	-2.16E+00

8.52E+01	-9.30E+01	1.58E+02	4.88E-03	-2.15E+00
8.52E+01	-9.30E+01	1.58E+02	-7.32E-03	-2.14E+00
8.53E+01	-9.30E+01	1.59E+02	-2.56E-02	-2.15E+00
8.53E+01	-9.30E+01	1.59E+02	-2.93E-02	-2.15E+00
8.53E+01	-9.30E+01	1.58E+02	-8.54E-03	-2.14E+00
8.53E+01	-9.30E+01	1.58E+02	1.22E-03	-2.14E+00
8.53E+01	-9.30E+01	1.59E+02	-2.56E-02	-2.12E+00
8.54E+01	-9.30E+01	1.59E+02	-2.56E-02	-2.15E+00
8.54E+01	-9.30E+01	1.58E+02	-1.59E-02	-2.14E+00
8.54E+01	-9.30E+01	1.58E+02	-1.34E-02	-2.13E+00
8.54E+01	-9.30E+01	1.59E+02	-7.32E-03	-2.13E+00
8.54E+01	-9.30E+01	1.59E+02	-3.05E-02	-2.13E+00
8.55E+01	-9.30E+01	1.59E+02	-7.32E-03	-2.14E+00
8.55E+01	-9.30E+01	1.58E+02	-6.10E-03	-2.12E+00
8.55E+01	-9.30E+01	1.58E+02	-3.42E-02	-2.13E+00
8.55E+01	-9.30E+01	1.59E+02	-2.44E-02	-2.13E+00
8.55E+01	-9.30E+01	1.59E+02	6.10E-03	-2.12E+00
8.56E+01	-9.30E+01	1.59E+02	-3.17E-02	-2.11E+00
8.56E+01	-9.30E+01	1.58E+02	-1.71E-02	-2.12E+00
8.56E+01	-9.30E+01	1.59E+02	-1.71E-02	-2.12E+00
8.56E+01	-9.30E+01	1.59E+02	-2.44E-03	-2.11E+00
8.56E+01	-9.30E+01	1.59E+02	-1.22E-02	-2.11E+00
8.57E+01	-9.30E+01	1.58E+02	-4.88E-03	-2.11E+00
8.57E+01	-9.30E+01	1.58E+02	-2.81E-02	-2.11E+00
8.57E+01	-9.30E+01	1.59E+02	-1.22E-02	-2.12E+00
8.57E+01	-9.30E+01	1.59E+02	-1.95E-02	-2.10E+00
8.57E+01	-9.30E+01	1.59E+02	-9.77E-03	-2.08E+00
8.58E+01	-9.30E+01	1.58E+02	-3.78E-02	-2.11E+00
8.58E+01	-9.30E+01	1.59E+02	-9.77E-03	-2.10E+00
8.58E+01	-9.30E+01	1.59E+02	-9.77E-03	-2.10E+00
8.58E+01	-9.30E+01	1.59E+02	-1.10E-02	-2.10E+00
8.58E+01	-9.30E+01	1.58E+02	-3.05E-02	-2.11E+00
8.59E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.10E+00
8.59E+01	-9.30E+01	1.59E+02	-9.77E-03	-2.09E+00
8.59E+01	-9.30E+01	1.59E+02	-1.22E-02	-2.09E+00
8.59E+01	-9.30E+01	1.59E+02	-2.32E-02	-2.09E+00
8.59E+01	-9.30E+01	1.59E+02	-2.81E-02	-2.10E+00
8.60E+01	-9.30E+01	1.59E+02	-7.32E-03	-2.09E+00
8.60E+01	-9.30E+01	1.59E+02	-1.95E-02	-2.08E+00
8.60E+01	-9.30E+01	1.58E+02	-3.42E-02	-2.09E+00
8.60E+01	-9.30E+01	1.58E+02	-2.44E-03	-2.09E+00
8.60E+01	-9.30E+01	1.59E+02	-1.95E-02	-2.07E+00
8.61E+01	-9.30E+01	1.59E+02	-2.08E-02	-2.07E+00
8.61E+01	-9.30E+01	1.58E+02	-1.83E-02	-2.08E+00
8.61E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.07E+00
8.61E+01	-9.30E+01	1.59E+02	-3.17E-02	-2.07E+00
8.61E+01	-9.30E+01	1.59E+02	-3.42E-02	-2.07E+00

8.62E+01	-9.30E+01	1.58E+02	-2.93E-02	-2.08E+00
8.62E+01	-9.30E+01	1.58E+02	-6.10E-03	-2.06E+00
8.62E+01	-9.30E+01	1.59E+02	-4.88E-03	-2.06E+00
8.62E+01	-9.30E+01	1.59E+02	-3.66E-02	-2.07E+00
8.62E+01	-9.30E+01	1.58E+02	-8.54E-03	-2.07E+00
8.63E+01	-9.30E+01	1.59E+02	-2.56E-02	-2.07E+00
8.63E+01	-9.30E+01	1.59E+02	1.10E-02	-2.05E+00
8.63E+01	-9.30E+01	1.59E+02	-1.83E-02	-2.07E+00
8.63E+01	-9.30E+01	1.58E+02	-1.10E-02	-2.06E+00
8.63E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.04E+00
8.64E+01	-9.30E+01	1.59E+02	-5.62E-02	-2.05E+00
8.64E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.06E+00
8.64E+01	-9.30E+01	1.58E+02	-1.59E-02	-2.05E+00
8.64E+01	-9.30E+01	1.58E+02	1.71E-02	-2.05E+00
8.64E+01	-9.30E+01	1.59E+02	-1.95E-02	-2.04E+00
8.65E+01	-9.30E+01	1.58E+02	-4.15E-02	-2.05E+00
8.65E+01	-9.30E+01	1.58E+02	-1.83E-02	-2.05E+00
8.65E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.03E+00
8.65E+01	-9.30E+01	1.59E+02	-2.32E-02	-2.04E+00
8.65E+01	-9.30E+01	1.58E+02	-2.81E-02	-2.05E+00
8.66E+01	-9.30E+01	1.58E+02	-2.93E-02	-2.03E+00
8.66E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.03E+00
8.66E+01	-9.30E+01	1.58E+02	-2.81E-02	-2.04E+00
8.66E+01	-9.30E+01	1.58E+02	-3.42E-02	-2.04E+00
8.66E+01	-9.30E+01	1.58E+02	-2.44E-03	-2.01E+00
8.67E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.02E+00
8.67E+01	-9.30E+01	1.58E+02	-3.17E-02	-2.02E+00
8.67E+01	-9.30E+01	1.58E+02	-1.10E-02	-2.03E+00
8.67E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.05E+00
8.67E+01	-9.30E+01	1.58E+02	-7.32E-03	-2.01E+00
8.68E+01	-9.30E+01	1.58E+02	-2.20E-02	-2.02E+00
8.68E+01	-9.30E+01	1.59E+02	-6.59E-02	-2.03E+00
8.68E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.01E+00
8.68E+01	-9.30E+01	1.58E+02	-4.88E-03	-2.01E+00
8.68E+01	-9.30E+01	1.58E+02	-3.05E-02	-2.01E+00
8.69E+01	-9.30E+01	1.59E+02	-4.15E-02	-2.03E+00
8.69E+01	-9.30E+01	1.58E+02	-7.32E-03	-2.01E+00
8.69E+01	-9.30E+01	1.58E+02	2.44E-03	-2.00E+00
8.69E+01	-9.30E+01	1.59E+02	-4.15E-02	-2.01E+00
8.69E+01	-9.30E+01	1.59E+02	0.00E+00	-2.00E+00
8.70E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.01E+00
8.70E+01	-9.30E+01	1.58E+02	-9.77E-03	-1.99E+00
8.70E+01	-9.30E+01	1.58E+02	-1.83E-02	-2.00E+00
8.70E+01	-9.30E+01	1.58E+02	-6.10E-02	-2.00E+00
8.70E+01	-9.30E+01	1.59E+02	7.32E-03	-2.00E+00
8.71E+01	-9.30E+01	1.59E+02	1.71E-02	-1.99E+00
8.71E+01	-9.30E+01	1.58E+02	-3.05E-02	-1.98E+00

8.71E+01	-9.30E+01	1.58E+02	-2.69E-02	-2.00E+00
8.71E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.99E+00
8.71E+01	-9.30E+01	1.59E+02	-7.32E-03	-1.99E+00
8.72E+01	-9.30E+01	1.58E+02	-6.35E-02	-1.97E+00
8.72E+01	-9.30E+01	1.58E+02	-1.46E-02	-2.00E+00
8.72E+01	-9.30E+01	1.58E+02	-1.22E-02	-1.98E+00
8.72E+01	-9.30E+01	1.58E+02	-1.83E-02	-1.97E+00
8.72E+01	-9.30E+01	1.58E+02	-2.93E-02	-1.99E+00
8.73E+01	-9.30E+01	1.58E+02	-3.66E-03	-1.98E+00
8.73E+01	-9.30E+01	1.59E+02	2.44E-03	-1.97E+00
8.73E+01	-9.30E+01	1.59E+02	-4.88E-02	-1.97E+00
8.73E+01	-9.30E+01	1.58E+02	-1.10E-02	-1.98E+00
8.73E+01	-9.30E+01	1.58E+02	-6.10E-03	-1.96E+00
8.74E+01	-9.30E+01	1.58E+02	-1.59E-02	-1.96E+00
8.74E+01	-9.30E+01	1.58E+02	-3.66E-03	-1.98E+00
8.74E+01	-9.30E+01	1.58E+02	3.66E-03	-1.97E+00
8.74E+01	-9.30E+01	1.58E+02	-7.32E-03	-1.96E+00
8.74E+01	-9.30E+01	1.59E+02	-2.69E-02	-1.96E+00
8.75E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.98E+00
8.75E+01	-9.30E+01	1.58E+02	-8.54E-03	-1.96E+00
8.75E+01	-9.30E+01	1.58E+02	0.00E+00	-1.96E+00
8.75E+01	-9.30E+01	1.59E+02	-8.54E-03	-1.95E+00
8.75E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.97E+00
8.76E+01	-9.30E+01	1.58E+02	-8.54E-03	-1.96E+00
8.76E+01	-9.30E+01	1.58E+02	-2.44E-03	-1.94E+00
8.76E+01	-9.30E+01	1.59E+02	-4.76E-02	-1.95E+00
8.76E+01	-9.30E+01	1.59E+02	-3.78E-02	-1.95E+00
8.76E+01	-9.30E+01	1.58E+02	-2.93E-02	-1.95E+00
8.77E+01	-9.30E+01	1.58E+02	-1.95E-02	-1.96E+00
8.77E+01	-9.30E+01	1.58E+02	-2.44E-03	-1.94E+00
8.77E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.94E+00
8.77E+01	-9.30E+01	1.59E+02	-4.52E-02	-1.94E+00
8.77E+01	-9.30E+01	1.58E+02	-1.46E-02	-1.95E+00
8.78E+01	-9.30E+01	1.58E+02	-3.17E-02	-1.94E+00
8.78E+01	-9.30E+01	1.59E+02	-6.10E-03	-1.93E+00
8.78E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.93E+00
8.78E+01	-9.30E+01	1.59E+02	-3.17E-02	-1.95E+00
8.78E+01	-9.30E+01	1.58E+02	-2.44E-03	-1.93E+00
8.79E+01	-9.30E+01	1.58E+02	-2.44E-03	-1.92E+00
8.79E+01	-9.30E+01	1.59E+02	-2.81E-02	-1.93E+00
8.79E+01	-9.30E+01	1.58E+02	-2.20E-02	-1.92E+00
8.79E+01	-9.30E+01	1.58E+02	-2.69E-02	-1.93E+00
8.79E+01	-9.30E+01	1.58E+02	-7.32E-03	-1.92E+00
8.80E+01	-9.30E+01	1.59E+02	-1.71E-02	-1.92E+00
8.80E+01	-9.30E+01	1.59E+02	-3.17E-02	-1.91E+00
8.80E+01	-9.30E+01	1.58E+02	-2.69E-02	-1.91E+00
8.80E+01	-9.30E+01	1.58E+02	-3.30E-02	-1.92E+00

8.80E+01	-9.30E+01	1.58E+02	-8.54E-03	-1.92E+00
8.81E+01	-9.30E+01	1.59E+02	1.22E-02	-1.91E+00
8.81E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.90E+00
8.81E+01	-9.30E+01	1.58E+02	-3.66E-02	-1.92E+00
8.81E+01	-9.30E+01	1.58E+02	-9.77E-03	-1.91E+00
8.81E+01	-9.30E+01	1.59E+02	-7.32E-03	-1.90E+00
8.82E+01	-9.30E+01	1.58E+02	-2.08E-02	-1.90E+00
8.82E+01	-9.30E+01	1.58E+02	-4.15E-02	-1.91E+00
8.82E+01	-9.30E+01	1.58E+02	-4.15E-02	-1.90E+00
8.82E+01	-9.30E+01	1.58E+02	-1.71E-02	-1.90E+00
8.82E+01	-9.30E+01	1.58E+02	-7.32E-03	-1.88E+00
8.83E+01	-9.30E+01	1.58E+02	-4.39E-02	-1.90E+00
8.83E+01	-9.30E+01	1.58E+02	-3.54E-02	-1.88E+00
8.83E+01	-9.30E+01	1.58E+02	1.22E-03	-1.90E+00
8.83E+01	-9.30E+01	1.58E+02	-1.83E-02	-1.89E+00
8.83E+01	-9.30E+01	1.58E+02	-1.83E-02	-1.87E+00
8.84E+01	-9.30E+01	1.58E+02	-2.69E-02	-1.89E+00
8.84E+01	-9.30E+01	1.58E+02	-2.08E-02	-1.89E+00
8.84E+01	-9.30E+01	1.58E+02	4.88E-03	-1.88E+00
8.84E+01	-9.30E+01	1.58E+02	4.88E-03	-1.87E+00
8.84E+01	-9.30E+01	1.58E+02	-2.20E-02	-1.89E+00
8.85E+01	-9.30E+01	1.58E+02	2.44E-03	-1.88E+00
8.85E+01	-9.30E+01	1.58E+02	-2.44E-03	-1.86E+00
8.85E+01	-9.30E+01	1.58E+02	-5.49E-02	-1.87E+00
8.85E+01	-9.30E+01	1.58E+02	-3.17E-02	-1.88E+00
8.85E+01	-9.30E+01	1.58E+02	-1.22E-02	-1.88E+00
8.86E+01	-9.30E+01	1.58E+02	-7.32E-03	-1.88E+00
8.86E+01	-9.30E+01	1.58E+02	-1.95E-02	-1.86E+00
8.86E+01	-9.30E+01	1.58E+02	-2.44E-02	-1.87E+00
8.86E+01	-9.30E+01	1.58E+02	-1.83E-02	-1.87E+00
8.86E+01	-9.30E+01	1.58E+02	2.08E-02	-1.87E+00
8.87E+01	-9.30E+01	1.58E+02	-1.22E-02	-1.86E+00
8.87E+01	-9.30E+01	1.58E+02	-2.08E-02	-1.87E+00
8.87E+01	-9.30E+01	1.58E+02	-4.88E-03	-1.86E+00
8.87E+01	-9.30E+01	1.58E+02	4.88E-03	-1.85E+00
8.87E+01	-9.30E+01	1.58E+02	-3.78E-02	-1.85E+00
8.88E+01	-9.30E+01	1.58E+02	-1.83E-02	-1.86E+00
8.88E+01	-9.30E+01	1.59E+02	1.71E-02	-1.86E+00
8.88E+01	-9.30E+01	1.58E+02	-7.32E-03	-1.84E+00
8.88E+01	-9.30E+01	1.57E+02	-2.20E-02	-1.85E+00
8.88E+01	-9.30E+01	1.58E+02	-2.44E-02	-1.85E+00
8.89E+01	-9.30E+01	1.59E+02	1.22E-02	-1.84E+00
8.89E+01	-9.30E+01	1.59E+02	-1.22E-02	-1.83E+00
8.89E+01	-9.30E+01	1.58E+02	-2.93E-02	-1.84E+00
8.89E+01	-9.30E+01	1.58E+02	-4.88E-03	-1.85E+00
8.89E+01	-9.30E+01	1.59E+02	-2.44E-03	-1.85E+00
8.90E+01	-9.30E+01	1.59E+02	-1.10E-02	-1.83E+00

8.90E+01	-9.30E+01	1.58E+02	-3.17E-02	-1.83E+00
8.90E+01	-9.30E+01	1.58E+02	-1.95E-02	-1.83E+00
8.90E+01	-9.30E+01	1.58E+02	-9.77E-03	-1.84E+00
8.90E+01	-9.30E+01	1.59E+02	-3.66E-03	-1.82E+00
8.91E+01	-9.30E+01	1.58E+02	-1.71E-02	-1.83E+00
8.91E+01	-9.30E+01	1.58E+02	-8.54E-03	-1.83E+00
8.91E+01	-9.30E+01	1.58E+02	0.00E+00	-1.83E+00
8.91E+01	-9.30E+01	1.59E+02	3.66E-03	-1.81E+00
8.91E+01	-9.30E+01	1.59E+02	-3.17E-02	-1.82E+00
8.92E+01	-9.30E+01	1.58E+02	-4.03E-02	-1.83E+00
8.92E+01	-9.30E+01	1.59E+02	0.00E+00	-1.82E+00
8.92E+01	-9.30E+01	1.59E+02	-6.10E-03	-1.81E+00
8.92E+01	-9.30E+01	1.59E+02	-5.49E-02	-1.80E+00
8.92E+01	-9.30E+01	1.58E+02	-1.34E-02	-1.82E+00
8.93E+01	-9.30E+01	1.58E+02	2.44E-03	-1.80E+00
8.93E+01	-9.30E+01	1.59E+02	-3.66E-02	-1.82E+00
8.93E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.81E+00
8.93E+01	-9.30E+01	1.58E+02	-1.22E-03	-1.81E+00
8.93E+01	-9.30E+01	1.58E+02	-7.32E-03	-1.79E+00
8.94E+01	-9.30E+01	1.59E+02	-2.81E-02	-1.80E+00
8.94E+01	-9.30E+01	1.58E+02	-2.44E-02	-1.81E+00
8.94E+01	-9.30E+01	1.58E+02	0.00E+00	-1.80E+00
8.94E+01	-9.30E+01	1.59E+02	-1.22E-02	-1.80E+00
8.94E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.79E+00
8.95E+01	-9.30E+01	1.59E+02	-1.71E-02	-1.80E+00
8.95E+01	-9.30E+01	1.58E+02	-7.32E-03	-1.79E+00
8.95E+01	-9.30E+01	1.59E+02	-2.56E-02	-1.79E+00
8.95E+01	-9.30E+01	1.58E+02	-1.71E-02	-1.80E+00
8.95E+01	-9.30E+01	1.58E+02	-1.95E-02	-1.79E+00
8.96E+01	-9.30E+01	1.59E+02	1.22E-03	-1.78E+00
8.96E+01	-9.30E+01	1.59E+02	-1.10E-02	-1.78E+00
8.96E+01	-9.30E+01	1.58E+02	-2.44E-02	-1.80E+00
8.96E+01	-9.30E+01	1.58E+02	-2.44E-02	-1.79E+00
8.96E+01	-9.30E+01	1.59E+02	3.66E-03	-1.78E+00
8.97E+01	-9.30E+01	1.59E+02	-3.78E-02	-1.77E+00
8.97E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.78E+00
8.97E+01	-9.30E+01	1.58E+02	-1.71E-02	-1.78E+00
8.97E+01	-9.30E+01	1.58E+02	2.44E-03	-1.76E+00
8.97E+01	-9.30E+01	1.59E+02	-7.32E-03	-1.76E+00
8.98E+01	-9.30E+01	1.59E+02	-3.66E-02	-1.77E+00
8.98E+01	-9.30E+01	1.58E+02	-2.44E-03	-1.77E+00
8.98E+01	-9.30E+01	1.58E+02	-9.77E-03	-1.77E+00
8.98E+01	-9.30E+01	1.59E+02	4.88E-03	-1.76E+00
8.98E+01	-9.30E+01	1.59E+02	-2.32E-02	-1.76E+00
8.99E+01	-9.30E+01	1.58E+02	-2.32E-02	-1.77E+00
8.99E+01	-9.30E+01	1.58E+02	-6.10E-03	-1.78E+00
8.99E+01	-9.30E+01	1.58E+02	2.44E-03	-1.75E+00

8.99E+01	-9.30E+01	1.59E+02	-4.88E-03	-1.75E+00
8.99E+01	-9.30E+01	1.59E+02	-1.22E-02	-1.75E+00
9.00E+01	-9.30E+01	1.58E+02	-5.37E-02	-1.76E+00
9.00E+01	-9.30E+01	1.58E+02	-1.34E-02	-1.75E+00
9.00E+01	-9.30E+01	1.58E+02	-3.66E-03	-1.74E+00
9.00E+01	-9.30E+01	1.59E+02	-4.88E-03	-1.74E+00
9.00E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.75E+00
9.01E+01	-9.30E+01	1.58E+02	-2.44E-02	-1.75E+00
9.01E+01	-9.30E+01	1.58E+02	-4.88E-03	-1.74E+00
9.01E+01	-9.30E+01	1.58E+02	2.08E-02	-1.74E+00
9.01E+01	-9.30E+01	1.59E+02	-1.34E-02	-1.73E+00
9.01E+01	-9.30E+01	1.58E+02	-1.71E-02	-1.74E+00
9.02E+01	-9.30E+01	1.58E+02	-2.93E-02	-1.74E+00
9.02E+01	-9.30E+01	1.58E+02	-1.95E-02	-1.72E+00
9.02E+01	-9.30E+01	1.59E+02	-1.22E-03	-1.73E+00
9.02E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.73E+00
9.02E+01	-9.30E+01	1.58E+02	-2.69E-02	-1.72E+00
9.03E+01	-9.30E+01	1.58E+02	-2.08E-02	-1.74E+00
9.03E+01	-9.30E+01	1.59E+02	-7.32E-03	-1.72E+00
9.03E+01	-9.30E+01	1.59E+02	-3.66E-03	-1.71E+00
9.03E+01	-9.30E+01	1.58E+02	-5.62E-02	-1.72E+00
9.03E+01	-9.30E+01	1.59E+02	0.00E+00	-1.72E+00
9.04E+01	-9.30E+01	1.58E+02	-1.22E-03	-1.72E+00
9.04E+01	-9.30E+01	1.58E+02	-1.71E-02	-1.72E+00
9.04E+01	-9.30E+01	1.58E+02	-5.49E-02	-1.72E+00
9.04E+01	-9.30E+01	1.58E+02	-2.20E-02	-1.72E+00
9.04E+01	-9.30E+01	1.59E+02	-1.22E-02	-1.72E+00
9.05E+01	-9.30E+01	1.59E+02	-2.69E-02	-1.71E+00
9.05E+01	-9.30E+01	1.59E+02	-2.20E-02	-1.70E+00
9.05E+01	-9.30E+01	1.58E+02	-3.66E-02	-1.72E+00
9.05E+01	-9.30E+01	1.58E+02	7.32E-03	-1.71E+00
9.05E+01	-9.30E+01	1.58E+02	2.44E-03	-1.70E+00
9.06E+01	-9.30E+01	1.58E+02	-2.44E-02	-1.69E+00
9.06E+01	-9.30E+01	1.59E+02	-3.66E-02	-1.70E+00
9.06E+01	-9.30E+01	1.58E+02	-5.62E-02	-1.71E+00
9.06E+01	-9.30E+01	1.58E+02	-3.66E-03	-1.69E+00
9.06E+01	-9.30E+01	1.58E+02	-4.88E-03	-1.69E+00
9.07E+01	-9.30E+01	1.58E+02	-2.20E-02	-1.69E+00
9.07E+01	-9.30E+01	1.58E+02	-2.44E-02	-1.71E+00
9.07E+01	-9.30E+01	1.58E+02	0.00E+00	-1.69E+00
9.07E+01	-9.30E+01	1.58E+02	-1.83E-02	-1.68E+00
9.07E+01	-9.30E+01	1.58E+02	-2.44E-02	-1.68E+00
9.08E+01	-9.30E+01	1.58E+02	-2.93E-02	-1.69E+00
9.08E+01	-9.30E+01	1.58E+02	7.32E-03	-1.68E+00
9.08E+01	-9.30E+01	1.58E+02	-1.22E-02	-1.67E+00
9.08E+01	-9.30E+01	1.58E+02	-1.46E-02	-1.67E+00
9.08E+01	-9.30E+01	1.58E+02	-2.44E-02	-1.69E+00

9.09E+01	-9.30E+01	1.58E+02	-4.88E-03	-1.67E+00
9.09E+01	-9.30E+01	1.58E+02	-9.77E-03	-1.68E+00
9.09E+01	-9.30E+01	1.58E+02	-2.44E-03	-1.67E+00
9.09E+01	-9.30E+01	1.58E+02	-1.83E-02	-1.68E+00
9.09E+01	-9.30E+01	1.58E+02	-1.46E-02	-1.68E+00
9.10E+01	-9.30E+01	1.58E+02	0.00E+00	-1.66E+00
9.10E+01	-9.30E+01	1.58E+02	-1.95E-02	-1.66E+00
9.10E+01	-9.30E+01	1.58E+02	-3.17E-02	-1.67E+00
9.10E+01	-9.30E+01	1.58E+02	4.88E-03	-1.66E+00
9.10E+01	-9.30E+01	1.57E+02	9.77E-03	-1.66E+00
9.11E+01	-9.30E+01	1.58E+02	-1.46E-02	-1.65E+00
9.11E+01	-9.30E+01	1.58E+02	-2.69E-02	-1.66E+00
9.11E+01	-9.30E+01	1.58E+02	-4.39E-02	-1.67E+00
9.11E+01	-9.30E+01	1.58E+02	-7.32E-03	-1.66E+00
9.11E+01	-9.30E+01	1.58E+02	-8.54E-03	-1.65E+00
9.12E+01	-9.30E+01	1.58E+02	-3.42E-02	-1.65E+00
9.12E+01	-9.30E+01	1.58E+02	-4.52E-02	-1.65E+00
9.12E+01	-9.30E+01	1.58E+02	-1.46E-02	-1.66E+00
9.12E+01	-9.30E+01	1.58E+02	2.44E-03	-1.64E+00
9.12E+01	-9.30E+01	1.58E+02	-3.91E-02	-1.64E+00
9.13E+01	-9.30E+01	1.58E+02	-3.42E-02	-1.63E+00
9.13E+01	-9.30E+01	1.58E+02	-2.93E-02	-1.65E+00
9.13E+01	-9.30E+01	1.57E+02	-2.69E-02	-1.65E+00
9.13E+01	-9.30E+01	1.57E+02	-1.46E-02	-1.64E+00
9.13E+01	-9.30E+01	1.58E+02	-3.66E-03	-1.63E+00
9.14E+01	-9.30E+01	1.57E+02	-3.17E-02	-1.63E+00
9.14E+01	-9.30E+01	1.57E+02	-1.59E-02	-1.64E+00
9.14E+01	-9.30E+01	1.57E+02	3.66E-03	-1.64E+00
9.14E+01	-9.30E+01	1.58E+02	0.00E+00	-1.63E+00
9.14E+01	-9.30E+01	1.58E+02	4.88E-03	-1.62E+00
9.15E+01	-9.30E+01	1.57E+02	-3.66E-02	-1.61E+00
9.15E+01	-9.30E+01	1.57E+02	-2.44E-02	-1.63E+00
9.15E+01	-9.30E+01	1.57E+02	-1.71E-02	-1.63E+00
9.15E+01	-9.30E+01	1.57E+02	-1.95E-02	-1.63E+00
9.15E+01	-9.30E+01	1.57E+02	0.00E+00	-1.61E+00
9.16E+01	-9.30E+01	1.57E+02	-3.17E-02	-1.62E+00
9.16E+01	-9.30E+01	1.57E+02	-3.42E-02	-1.62E+00
9.16E+01	-9.30E+01	1.57E+02	-2.93E-02	-1.62E+00
9.16E+01	-9.30E+01	1.57E+02	-4.88E-03	-1.61E+00
9.16E+01	-9.30E+01	1.57E+02	-1.10E-02	-1.61E+00
9.17E+01	-9.30E+01	1.57E+02	-4.88E-03	-1.61E+00
9.17E+01	-9.30E+01	1.57E+02	-2.44E-02	-1.62E+00
9.17E+01	-9.30E+01	1.57E+02	-2.44E-03	-1.61E+00
9.17E+01	-9.30E+01	1.56E+02	-4.88E-03	-1.60E+00
9.17E+01	-9.30E+01	1.57E+02	-4.15E-02	-1.60E+00
9.18E+01	-9.30E+01	1.57E+02	-3.17E-02	-1.60E+00
9.18E+01	-9.30E+01	1.57E+02	-9.77E-03	-1.60E+00

9.18E+01	-9.30E+01	1.56E+02	-1.22E-03	-1.60E+00
9.18E+01	-9.30E+01	1.57E+02	7.32E-03	-1.59E+00
9.18E+01	-9.30E+01	1.57E+02	-2.81E-02	-1.59E+00
9.19E+01	-9.30E+01	1.56E+02	-3.17E-02	-1.60E+00
9.19E+01	-9.30E+01	1.56E+02	-2.32E-02	-1.60E+00
9.19E+01	-9.30E+01	1.56E+02	1.46E-02	-1.59E+00
9.19E+01	-9.30E+01	1.57E+02	-2.44E-03	-1.58E+00
9.19E+01	-9.30E+01	1.57E+02	-2.81E-02	-1.58E+00
9.20E+01	-9.30E+01	1.56E+02	-3.42E-02	-1.58E+00
9.20E+01	-9.30E+01	1.56E+02	-4.88E-02	-1.59E+00
9.20E+01	-9.30E+01	1.56E+02	-6.10E-03	-1.58E+00
9.20E+01	-9.30E+01	1.56E+02	4.88E-03	-1.57E+00
9.20E+01	-9.30E+01	1.56E+02	-2.69E-02	-1.57E+00
9.21E+01	-9.30E+01	1.56E+02	-2.69E-02	-1.58E+00
9.21E+01	-9.30E+01	1.56E+02	-2.56E-02	-1.58E+00
9.21E+01	-9.30E+01	1.56E+02	2.56E-02	-1.57E+00
9.21E+01	-9.30E+01	1.56E+02	-2.44E-03	-1.57E+00
9.21E+01	-9.30E+01	1.56E+02	-3.17E-02	-1.57E+00
9.22E+01	-9.30E+01	1.56E+02	-2.20E-02	-1.57E+00
9.22E+01	-9.30E+01	1.56E+02	-4.15E-02	-1.57E+00
9.22E+01	-9.30E+01	1.56E+02	-1.22E-02	-1.56E+00
9.22E+01	-9.30E+01	1.56E+02	4.88E-03	-1.56E+00
9.22E+01	-9.30E+01	1.56E+02	-1.95E-02	-1.56E+00
9.23E+01	-9.30E+01	1.56E+02	-3.54E-02	-1.56E+00
9.23E+01	-9.30E+01	1.56E+02	-2.44E-02	-1.57E+00
9.23E+01	-9.30E+01	1.56E+02	-6.10E-03	-1.56E+00
9.23E+01	-9.30E+01	1.56E+02	-4.88E-03	-1.54E+00
9.23E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.54E+00
9.24E+01	-9.30E+01	1.56E+02	-3.91E-02	-1.55E+00
9.24E+01	-9.30E+01	1.56E+02	-3.17E-02	-1.55E+00
9.24E+01	-9.30E+01	1.56E+02	-7.32E-03	-1.55E+00
9.24E+01	-9.30E+01	1.56E+02	-4.88E-03	-1.54E+00
9.24E+01	-9.30E+01	1.56E+02	-7.32E-03	-1.53E+00
9.25E+01	-9.30E+01	1.56E+02	-3.78E-02	-1.54E+00
9.25E+01	-9.30E+01	1.56E+02	-2.44E-02	-1.55E+00
9.25E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.54E+00
9.25E+01	-9.30E+01	1.56E+02	-2.32E-02	-1.53E+00
9.25E+01	-9.30E+01	1.56E+02	-2.81E-02	-1.53E+00
9.26E+01	-9.30E+01	1.56E+02	-2.81E-02	-1.54E+00
9.26E+01	-9.30E+01	1.56E+02	6.10E-03	-1.53E+00
9.26E+01	-9.30E+01	1.56E+02	7.32E-03	-1.53E+00
9.26E+01	-9.30E+01	1.56E+02	-1.95E-02	-1.52E+00
9.26E+01	-9.30E+01	1.56E+02	-2.44E-02	-1.54E+00
9.27E+01	-9.30E+01	1.56E+02	-2.32E-02	-1.53E+00
9.27E+01	-9.30E+01	1.56E+02	1.95E-02	-1.52E+00
9.27E+01	-9.30E+01	1.56E+02	-7.32E-03	-1.51E+00
9.27E+01	-9.30E+01	1.56E+02	-2.44E-02	-1.52E+00

9.27E+01	-9.30E+01	1.56E+02	-2.32E-02	-1.53E+00
9.28E+01	-9.30E+01	1.55E+02	-3.66E-03	-1.52E+00
9.28E+01	-9.30E+01	1.55E+02	0.00E+00	-1.51E+00
9.28E+01	-9.30E+01	1.55E+02	-3.54E-02	-1.51E+00
9.28E+01	-9.30E+01	1.56E+02	-3.91E-02	-1.51E+00
9.28E+01	-9.30E+01	1.56E+02	-1.46E-02	-1.52E+00
9.29E+01	-9.30E+01	1.55E+02	-6.10E-03	-1.50E+00
9.29E+01	-9.30E+01	1.56E+02	-9.77E-03	-1.51E+00
9.29E+01	-9.30E+01	1.55E+02	-4.88E-02	-1.52E+00
9.29E+01	-9.30E+01	1.56E+02	-8.54E-03	-1.51E+00
9.29E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.50E+00
9.30E+01	-9.30E+01	1.55E+02	-2.08E-02	-1.50E+00
9.30E+01	-9.30E+01	1.56E+02	-1.22E-03	-1.50E+00
9.30E+01	-9.30E+01	1.56E+02	-2.20E-02	-1.50E+00
9.30E+01	-9.30E+01	1.55E+02	-6.10E-03	-1.49E+00
9.30E+01	-9.30E+01	1.55E+02	-3.66E-03	-1.48E+00
9.31E+01	-9.30E+01	1.55E+02	-2.32E-02	-1.49E+00
9.31E+01	-9.30E+01	1.56E+02	-2.44E-02	-1.50E+00
9.31E+01	-9.30E+01	1.55E+02	-3.42E-02	-1.51E+00
9.31E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.49E+00
9.31E+01	-9.30E+01	1.55E+02	4.88E-03	-1.48E+00
9.32E+01	-9.30E+01	1.56E+02	4.88E-03	-1.48E+00
9.32E+01	-9.30E+01	1.56E+02	9.77E-03	-1.48E+00
9.32E+01	-9.30E+01	1.55E+02	-2.69E-02	-1.49E+00
9.32E+01	-9.30E+01	1.55E+02	-1.34E-02	-1.48E+00
9.32E+01	-9.30E+01	1.56E+02	1.46E-02	-1.48E+00
9.33E+01	-9.30E+01	1.56E+02	-2.32E-02	-1.45E+00
9.33E+01	-9.30E+01	1.55E+02	-2.93E-02	-1.47E+00
9.33E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.48E+00
9.33E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.48E+00
9.33E+01	-9.30E+01	1.55E+02	2.44E-03	-1.46E+00
9.34E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.47E+00
9.34E+01	-9.30E+01	1.55E+02	-2.56E-02	-1.45E+00
9.34E+01	-9.30E+01	1.55E+02	-3.42E-02	-1.47E+00
9.34E+01	-9.30E+01	1.55E+02	-6.10E-03	-1.46E+00
9.34E+01	-9.30E+01	1.55E+02	1.10E-02	-1.46E+00
9.35E+01	-9.30E+01	1.55E+02	-8.54E-03	-1.45E+00
9.35E+01	-9.30E+01	1.55E+02	-3.42E-02	-1.45E+00
9.35E+01	-9.30E+01	1.55E+02	-2.69E-02	-1.47E+00
9.35E+01	-9.30E+01	1.55E+02	-6.10E-03	-1.45E+00
9.35E+01	-9.30E+01	1.55E+02	-2.44E-03	-1.44E+00
9.36E+01	-9.30E+01	1.56E+02	-1.83E-02	-1.45E+00
9.36E+01	-9.30E+01	1.55E+02	-3.54E-02	-1.45E+00
9.36E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.45E+00
9.36E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.45E+00
9.36E+01	-9.30E+01	1.55E+02	-1.10E-02	-1.43E+00
9.37E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.43E+00

9.37E+01	-9.30E+01	1.55E+02	-3.42E-02	-1.44E+00
9.37E+01	-9.30E+01	1.55E+02	-6.10E-03	-1.44E+00
9.37E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.44E+00
9.37E+01	-9.30E+01	1.56E+02	-4.27E-02	-1.42E+00
9.38E+01	-9.30E+01	1.55E+02	-2.44E-02	-1.43E+00
9.38E+01	-9.30E+01	1.55E+02	-3.54E-02	-1.44E+00
9.38E+01	-9.30E+01	1.55E+02	-2.69E-02	-1.42E+00
9.38E+01	-9.30E+01	1.55E+02	3.66E-03	-1.43E+00
9.38E+01	-9.30E+01	1.56E+02	-3.66E-03	-1.42E+00
9.39E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.43E+00
9.39E+01	-9.30E+01	1.55E+02	-2.93E-02	-1.43E+00
9.39E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.42E+00
9.39E+01	-9.30E+01	1.55E+02	7.32E-03	-1.42E+00
9.39E+01	-9.30E+01	1.56E+02	-3.66E-02	-1.42E+00
9.40E+01	-9.30E+01	1.55E+02	-2.44E-02	-1.42E+00
9.40E+01	-9.30E+01	1.55E+02	-2.56E-02	-1.43E+00
9.40E+01	-9.30E+01	1.55E+02	2.44E-03	-1.41E+00
9.40E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.41E+00
9.40E+01	-9.30E+01	1.55E+02	-3.42E-02	-1.40E+00
9.41E+01	-9.30E+01	1.55E+02	-2.56E-02	-1.41E+00
9.41E+01	-9.30E+01	1.55E+02	0.00E+00	-1.41E+00
9.41E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.40E+00
9.41E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.40E+00
9.41E+01	-9.30E+01	1.55E+02	-3.66E-02	-1.39E+00
9.42E+01	-9.30E+01	1.55E+02	1.71E-02	-1.41E+00
9.42E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.40E+00
9.42E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.38E+00
9.42E+01	-9.30E+01	1.55E+02	-4.64E-02	-1.40E+00
9.42E+01	-9.30E+01	1.55E+02	-2.93E-02	-1.40E+00
9.43E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.40E+00
9.43E+01	-9.30E+01	1.55E+02	0.00E+00	-1.39E+00
9.43E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.38E+00
9.43E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.38E+00
9.43E+01	-9.30E+01	1.55E+02	-2.44E-02	-1.38E+00
9.44E+01	-9.30E+01	1.55E+02	-2.44E-02	-1.39E+00
9.44E+01	-9.30E+01	1.55E+02	6.10E-03	-1.39E+00
9.44E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.38E+00
9.44E+01	-9.30E+01	1.56E+02	2.44E-03	-1.36E+00
9.44E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.37E+00
9.45E+01	-9.30E+01	1.55E+02	-3.42E-02	-1.37E+00
9.45E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.38E+00
9.45E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.38E+00
9.45E+01	-9.30E+01	1.55E+02	-1.10E-02	-1.36E+00
9.45E+01	-9.30E+01	1.55E+02	-1.34E-02	-1.36E+00
9.46E+01	-9.30E+01	1.55E+02	-5.13E-02	-1.35E+00
9.46E+01	-9.30E+01	1.55E+02	-3.54E-02	-1.37E+00
9.46E+01	-9.30E+01	1.55E+02	-2.44E-03	-1.37E+00

9.46E+01	-9.30E+01	1.55E+02	-2.93E-02	-1.38E+00
9.46E+01	-9.30E+01	1.55E+02	-6.10E-03	-1.35E+00
9.47E+01	-9.30E+01	1.55E+02	-1.34E-02	-1.35E+00
9.47E+01	-9.30E+01	1.55E+02	-3.66E-02	-1.35E+00
9.47E+01	-9.30E+01	1.55E+02	0.00E+00	-1.37E+00
9.47E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.36E+00
9.47E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.36E+00
9.48E+01	-9.30E+01	1.55E+02	-1.22E-02	-1.35E+00
9.48E+01	-9.30E+01	1.55E+02	4.88E-03	-1.34E+00
9.48E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.34E+00
9.48E+01	-9.30E+01	1.56E+02	-2.32E-02	-1.35E+00
9.48E+01	-9.30E+01	1.56E+02	-1.22E-03	-1.34E+00
9.49E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.35E+00
9.49E+01	-9.30E+01	1.55E+02	-3.66E-02	-1.34E+00
9.49E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.34E+00
9.49E+01	-9.30E+01	1.55E+02	7.32E-03	-1.34E+00
9.49E+01	-9.30E+01	1.56E+02	-1.46E-02	-1.33E+00
9.50E+01	-9.30E+01	1.55E+02	7.32E-03	-1.33E+00
9.50E+01	-9.30E+01	1.55E+02	-2.93E-02	-1.33E+00
9.50E+01	-9.30E+01	1.55E+02	-3.17E-02	-1.34E+00
9.50E+01	-9.30E+01	1.55E+02	7.32E-03	-1.33E+00
9.50E+01	-9.30E+01	1.55E+02	0.00E+00	-1.33E+00
9.51E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.31E+00
9.51E+01	-9.30E+01	1.56E+02	-1.71E-02	-1.32E+00
9.51E+01	-9.30E+01	1.56E+02	-4.88E-03	-1.32E+00
9.51E+01	-9.30E+01	1.55E+02	-2.93E-02	-1.33E+00
9.51E+01	-9.30E+01	1.55E+02	-1.34E-02	-1.33E+00
9.52E+01	-9.30E+01	1.55E+02	-1.22E-02	-1.32E+00
9.52E+01	-9.30E+01	1.55E+02	-2.81E-02	-1.30E+00
9.52E+01	-9.30E+01	1.56E+02	-9.77E-03	-1.30E+00
9.52E+01	-9.30E+01	1.55E+02	-3.17E-02	-1.31E+00
9.52E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.32E+00
9.53E+01	-9.30E+01	1.55E+02	1.95E-02	-1.32E+00
9.53E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.31E+00
9.53E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.30E+00
9.53E+01	-9.30E+01	1.56E+02	7.32E-03	-1.30E+00
9.53E+01	-9.30E+01	1.56E+02	-3.66E-02	-1.30E+00
9.54E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.30E+00
9.54E+01	-9.30E+01	1.55E+02	-2.56E-02	-1.31E+00
9.54E+01	-9.30E+01	1.56E+02	-2.44E-03	-1.29E+00
9.54E+01	-9.30E+01	1.56E+02	-7.32E-03	-1.29E+00
9.54E+01	-9.30E+01	1.55E+02	-4.15E-02	-1.29E+00
9.55E+01	-9.30E+01	1.55E+02	-3.17E-02	-1.31E+00
9.55E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.30E+00
9.55E+01	-9.30E+01	1.55E+02	-1.34E-02	-1.28E+00
9.55E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.27E+00
9.55E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.28E+00

9.56E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.28E+00
9.56E+01	-9.30E+01	1.56E+02	-3.42E-02	-1.30E+00
9.56E+01	-9.30E+01	1.55E+02	7.32E-03	-1.29E+00
9.56E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.28E+00
9.56E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.27E+00
9.57E+01	-9.30E+01	1.55E+02	-3.91E-02	-1.27E+00
9.57E+01	-9.30E+01	1.56E+02	-3.66E-02	-1.27E+00
9.57E+01	-9.30E+01	1.55E+02	-2.93E-02	-1.28E+00
9.57E+01	-9.30E+01	1.55E+02	-3.78E-02	-1.27E+00
9.57E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.27E+00
9.58E+01	-9.30E+01	1.55E+02	6.10E-03	-1.26E+00
9.58E+01	-9.30E+01	1.55E+02	1.22E-03	-1.26E+00
9.58E+01	-9.30E+01	1.56E+02	-2.20E-02	-1.24E+00
9.58E+01	-9.30E+01	1.55E+02	-3.05E-02	-1.27E+00
9.58E+01	-9.30E+01	1.54E+02	-1.71E-02	-1.27E+00
9.59E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.26E+00
9.59E+01	-9.30E+01	1.55E+02	7.32E-03	-1.25E+00
9.59E+01	-9.30E+01	1.55E+02	0.00E+00	-1.25E+00
9.59E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.23E+00
9.59E+01	-9.30E+01	1.55E+02	-2.56E-02	-1.25E+00
9.60E+01	-9.30E+01	1.55E+02	-2.69E-02	-1.26E+00
9.60E+01	-9.30E+01	1.55E+02	0.00E+00	-1.25E+00
9.60E+01	-9.30E+01	1.55E+02	6.10E-03	-1.24E+00
9.60E+01	-9.30E+01	1.55E+02	1.22E-03	-1.24E+00
9.60E+01	-9.30E+01	1.55E+02	-8.54E-03	-1.23E+00
9.61E+01	-9.30E+01	1.55E+02	-4.64E-02	-1.25E+00
9.61E+01	-9.30E+01	1.55E+02	-3.66E-02	-1.24E+00
9.61E+01	-9.30E+01	1.55E+02	-8.54E-03	-1.24E+00
9.61E+01	-9.30E+01	1.55E+02	1.22E-02	-1.23E+00
9.61E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.24E+00
9.62E+01	-9.30E+01	1.55E+02	-2.69E-02	-1.24E+00
9.62E+01	-9.30E+01	1.55E+02	-2.81E-02	-1.23E+00
9.62E+01	-9.30E+01	1.55E+02	-3.42E-02	-1.23E+00
9.62E+01	-9.30E+01	1.55E+02	3.66E-03	-1.22E+00
9.62E+01	-9.30E+01	1.56E+02	-1.59E-02	-1.22E+00
9.63E+01	-9.30E+01	1.55E+02	-3.42E-02	-1.23E+00
9.63E+01	-9.30E+01	1.55E+02	6.10E-03	-1.24E+00
9.63E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.22E+00
9.63E+01	-9.30E+01	1.55E+02	0.00E+00	-1.21E+00
9.63E+01	-9.30E+01	1.55E+02	-1.83E-02	-1.22E+00
9.64E+01	-9.30E+01	1.55E+02	-2.44E-02	-1.21E+00
9.64E+01	-9.30E+01	1.55E+02	-2.69E-02	-1.22E+00
9.64E+01	-9.30E+01	1.55E+02	-3.54E-02	-1.22E+00
9.64E+01	-9.30E+01	1.55E+02	1.22E-03	-1.21E+00
9.64E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.20E+00
9.65E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.20E+00
9.65E+01	-9.30E+01	1.55E+02	-2.81E-02	-1.20E+00

9.65E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.21E+00
9.65E+01	-9.30E+01	1.55E+02	0.00E+00	-1.20E+00
9.65E+01	-9.30E+01	1.55E+02	2.44E-03	-1.19E+00
9.66E+01	-9.30E+01	1.55E+02	-2.56E-02	-1.19E+00
9.66E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.21E+00
9.66E+01	-9.30E+01	1.55E+02	-3.91E-02	-1.20E+00
9.66E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.19E+00
9.66E+01	-9.30E+01	1.55E+02	-2.44E-03	-1.18E+00
9.67E+01	-9.30E+01	1.55E+02	-4.15E-02	-1.18E+00
9.67E+01	-9.30E+01	1.55E+02	-3.42E-02	-1.19E+00
9.67E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.20E+00
9.67E+01	-9.30E+01	1.55E+02	1.71E-02	-1.18E+00
9.67E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.19E+00
9.68E+01	-9.30E+01	1.55E+02	-3.78E-02	-1.18E+00
9.68E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.19E+00
9.68E+01	-9.30E+01	1.55E+02	-2.44E-03	-1.19E+00
9.68E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.17E+00
9.68E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.16E+00
9.69E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.16E+00
9.69E+01	-9.30E+01	1.55E+02	-3.17E-02	-1.17E+00
9.69E+01	-9.30E+01	1.55E+02	-1.83E-02	-1.17E+00
9.69E+01	-9.30E+01	1.55E+02	-8.54E-03	-1.18E+00
9.69E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.15E+00
9.70E+01	-9.30E+01	1.55E+02	-2.93E-02	-1.16E+00
9.70E+01	-9.30E+01	1.55E+02	-2.32E-02	-1.17E+00
9.70E+01	-9.30E+01	1.55E+02	2.69E-02	-1.18E+00
9.70E+01	-9.30E+01	1.55E+02	-2.44E-03	-1.16E+00
9.70E+01	-9.30E+01	1.55E+02	-1.22E-03	-1.15E+00
9.71E+01	-9.30E+01	1.55E+02	-6.10E-03	-1.15E+00
9.71E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.15E+00
9.71E+01	-9.30E+01	1.55E+02	-3.78E-02	-1.15E+00
9.71E+01	-9.30E+01	1.55E+02	-3.66E-02	-1.15E+00
9.71E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.16E+00
9.72E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.15E+00
9.72E+01	-9.30E+01	1.55E+02	6.10E-03	-1.13E+00
9.72E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.15E+00
9.72E+01	-9.30E+01	1.55E+02	-4.15E-02	-1.14E+00
9.72E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.15E+00
9.73E+01	-9.30E+01	1.54E+02	-2.08E-02	-1.14E+00
9.73E+01	-9.30E+01	1.55E+02	-1.59E-02	-1.13E+00
9.73E+01	-9.30E+01	1.55E+02	-2.93E-02	-1.14E+00
9.73E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.14E+00
9.73E+01	-9.30E+01	1.54E+02	-7.32E-03	-1.14E+00
9.74E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.13E+00
9.74E+01	-9.30E+01	1.55E+02	-1.22E-02	-1.12E+00
9.74E+01	-9.30E+01	1.55E+02	-2.44E-03	-1.11E+00
9.74E+01	-9.30E+01	1.55E+02	-4.15E-02	-1.13E+00

9.74E+01	-9.30E+01	1.55E+02	-2.93E-02	-1.13E+00
9.75E+01	-9.30E+01	1.55E+02	-2.44E-03	-1.12E+00
9.75E+01	-9.30E+01	1.55E+02	-2.44E-03	-1.12E+00
9.75E+01	-9.30E+01	1.54E+02	-2.44E-03	-1.11E+00
9.75E+01	-9.30E+01	1.54E+02	1.22E-03	-1.11E+00
9.75E+01	-9.30E+01	1.55E+02	-3.78E-02	-1.11E+00
9.76E+01	-9.30E+01	1.55E+02	-3.54E-02	-1.11E+00
9.76E+01	-9.30E+01	1.54E+02	-4.15E-02	-1.12E+00
9.76E+01	-9.30E+01	1.54E+02	-7.32E-03	-1.13E+00
9.76E+01	-9.30E+01	1.55E+02	-2.44E-03	-1.11E+00
9.76E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.10E+00
9.77E+01	-9.30E+01	1.55E+02	-4.88E-02	-1.12E+00
9.77E+01	-9.30E+01	1.54E+02	-3.05E-02	-1.11E+00
9.77E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.11E+00
9.77E+01	-9.30E+01	1.55E+02	-1.22E-02	-1.10E+00
9.77E+01	-9.30E+01	1.54E+02	0.00E+00	-1.10E+00
9.78E+01	-9.30E+01	1.54E+02	-3.42E-02	-1.09E+00
9.78E+01	-9.30E+01	1.54E+02	-4.39E-02	-1.10E+00
9.78E+01	-9.30E+01	1.54E+02	-2.08E-02	-1.10E+00
9.78E+01	-9.30E+01	1.54E+02	-1.34E-02	-1.10E+00
9.78E+01	-9.30E+01	1.54E+02	2.08E-02	-1.09E+00
9.79E+01	-9.30E+01	1.55E+02	-4.88E-03	-1.07E+00
9.79E+01	-9.30E+01	1.55E+02	-3.66E-02	-1.08E+00
9.79E+01	-9.30E+01	1.54E+02	-2.93E-02	-1.09E+00
9.79E+01	-9.30E+01	1.54E+02	-9.77E-03	-1.10E+00
9.79E+01	-9.30E+01	1.54E+02	-8.54E-03	-1.08E+00
9.80E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.08E+00
9.80E+01	-9.30E+01	1.55E+02	-2.32E-02	-1.06E+00
9.80E+01	-9.30E+01	1.54E+02	-2.93E-02	-1.07E+00
9.80E+01	-9.30E+01	1.54E+02	-1.46E-02	-1.08E+00
9.80E+01	-9.30E+01	1.54E+02	-2.20E-02	-1.10E+00
9.81E+01	-9.30E+01	1.54E+02	-1.34E-02	-1.08E+00
9.81E+01	-9.30E+01	1.54E+02	0.00E+00	-1.07E+00
9.81E+01	-9.30E+01	1.54E+02	-1.95E-02	-1.06E+00
9.81E+01	-9.30E+01	1.55E+02	-2.44E-02	-1.05E+00
9.81E+01	-9.30E+01	1.54E+02	-2.44E-02	-1.06E+00
9.82E+01	-9.30E+01	1.54E+02	-3.42E-02	-1.07E+00
9.82E+01	-9.30E+01	1.54E+02	-2.44E-03	-1.06E+00
9.82E+01	-9.30E+01	1.54E+02	0.00E+00	-1.06E+00
9.82E+01	-9.30E+01	1.54E+02	-1.46E-02	-1.05E+00
9.82E+01	-9.30E+01	1.54E+02	-2.44E-02	-1.05E+00
9.83E+01	-9.30E+01	1.54E+02	-3.17E-02	-1.06E+00
9.83E+01	-9.30E+01	1.54E+02	-2.93E-02	-1.06E+00
9.83E+01	-9.30E+01	1.54E+02	-9.77E-03	-1.06E+00
9.83E+01	-9.30E+01	1.54E+02	2.44E-03	-1.05E+00
9.83E+01	-9.30E+01	1.54E+02	-1.83E-02	-1.04E+00
9.84E+01	-9.30E+01	1.54E+02	-2.69E-02	-1.05E+00

9.84E+01	-9.30E+01	1.54E+02	-1.95E-02	-1.05E+00
9.84E+01	-9.30E+01	1.53E+02	-9.77E-03	-1.05E+00
9.84E+01	-9.30E+01	1.54E+02	-9.77E-03	-1.03E+00
9.84E+01	-9.30E+01	1.54E+02	-4.64E-02	-1.03E+00
9.85E+01	-9.30E+01	1.54E+02	-2.69E-02	-1.04E+00
9.85E+01	-9.30E+01	1.54E+02	-2.93E-02	-1.04E+00
9.85E+01	-9.30E+01	1.54E+02	-4.88E-03	-1.04E+00
9.85E+01	-9.30E+01	1.54E+02	1.22E-03	-1.03E+00
9.85E+01	-9.30E+01	1.54E+02	-2.93E-02	-1.02E+00
9.86E+01	-9.30E+01	1.54E+02	-7.32E-03	-1.02E+00
9.86E+01	-9.30E+01	1.53E+02	-2.93E-02	-1.04E+00
9.86E+01	-9.30E+01	1.53E+02	-1.22E-02	-1.02E+00
9.86E+01	-9.30E+01	1.54E+02	2.44E-03	-1.03E+00
9.86E+01	-9.30E+01	1.54E+02	-3.54E-02	-1.02E+00
9.87E+01	-9.30E+01	1.53E+02	-3.17E-02	-1.03E+00
9.87E+01	-9.30E+01	1.53E+02	-6.10E-03	-1.03E+00
9.87E+01	-9.30E+01	1.54E+02	-6.10E-03	-1.01E+00
9.87E+01	-9.30E+01	1.54E+02	-1.22E-02	-1.01E+00
9.87E+01	-9.30E+01	1.53E+02	-1.22E-02	-1.01E+00
9.88E+01	-9.30E+01	1.53E+02	-2.81E-02	-1.02E+00
9.88E+01	-9.30E+01	1.53E+02	-4.88E-03	-1.02E+00
9.88E+01	-9.30E+01	1.54E+02	1.46E-02	-9.98E-01
9.88E+01	-9.30E+01	1.54E+02	-1.95E-02	-9.83E-01
9.88E+01	-9.30E+01	1.54E+02	-2.20E-02	-1.00E+00
9.89E+01	-9.30E+01	1.53E+02	-2.81E-02	-1.01E+00
9.89E+01	-9.30E+01	1.54E+02	2.20E-02	-1.00E+00
9.89E+01	-9.30E+01	1.54E+02	-7.32E-03	-9.92E-01
9.89E+01	-9.30E+01	1.54E+02	-2.44E-02	-9.96E-01
9.89E+01	-9.30E+01	1.53E+02	-2.69E-02	-9.96E-01
9.90E+01	-9.30E+01	1.54E+02	-3.17E-02	-1.00E+00
9.90E+01	-9.30E+01	1.53E+02	0.00E+00	-1.00E+00
9.90E+01	-9.30E+01	1.53E+02	-9.77E-03	-9.83E-01
9.90E+01	-9.30E+01	1.53E+02	-1.22E-02	-9.79E-01
9.90E+01	-9.30E+01	1.54E+02	-1.59E-02	-9.77E-01
9.91E+01	-9.30E+01	1.54E+02	-3.54E-02	-9.84E-01
9.91E+01	-9.30E+01	1.53E+02	-2.93E-02	-9.93E-01
9.91E+01	-9.30E+01	1.53E+02	1.10E-02	-9.80E-01
9.91E+01	-9.30E+01	1.54E+02	0.00E+00	-9.82E-01
9.91E+01	-9.30E+01	1.54E+02	-1.95E-02	-9.75E-01
9.92E+01	-9.30E+01	1.53E+02	-3.91E-02	-9.81E-01
9.92E+01	-9.30E+01	1.53E+02	-9.77E-03	-9.75E-01
9.92E+01	-9.30E+01	1.53E+02	2.44E-03	-9.78E-01
9.92E+01	-9.30E+01	1.54E+02	-7.32E-03	-9.75E-01
9.92E+01	-9.30E+01	1.54E+02	-2.44E-02	-9.64E-01
9.93E+01	-9.30E+01	1.53E+02	-2.44E-02	-9.62E-01
9.93E+01	-9.30E+01	1.53E+02	-3.17E-02	-9.68E-01
9.93E+01	-9.30E+01	1.54E+02	-2.69E-02	-9.77E-01

9.93E+01	-9.30E+01	1.53E+02	4.88E-03	-9.74E-01
9.93E+01	-9.30E+01	1.53E+02	-7.32E-03	-9.57E-01
9.94E+01	-9.30E+01	1.53E+02	-8.54E-03	-9.66E-01
9.94E+01	-9.30E+01	1.53E+02	-2.56E-02	-9.65E-01
9.94E+01	-9.30E+01	1.53E+02	-2.93E-02	-9.67E-01
9.94E+01	-9.30E+01	1.53E+02	1.22E-02	-9.57E-01
9.94E+01	-9.30E+01	1.53E+02	-7.32E-03	-9.48E-01
9.95E+01	-9.30E+01	1.54E+02	-1.10E-02	-9.47E-01
9.95E+01	-9.30E+01	1.54E+02	-1.22E-02	-9.42E-01
9.95E+01	-9.30E+01	1.53E+02	-5.13E-02	-9.47E-01
9.95E+01	-9.30E+01	1.53E+02	-3.42E-02	-9.52E-01
9.95E+01	-9.30E+01	1.53E+02	-4.88E-03	-9.54E-01
9.96E+01	-9.30E+01	1.53E+02	-9.77E-03	-9.51E-01
9.96E+01	-9.30E+01	1.53E+02	-2.44E-03	-9.35E-01
9.96E+01	-9.30E+01	1.53E+02	2.44E-03	-9.31E-01
9.96E+01	-9.30E+01	1.54E+02	-3.42E-02	-9.49E-01
9.96E+01	-9.30E+01	1.54E+02	-2.44E-02	-9.48E-01
9.97E+01	-9.30E+01	1.53E+02	-1.71E-02	-9.44E-01
9.97E+01	-9.30E+01	1.53E+02	2.44E-03	-9.34E-01
9.97E+01	-9.30E+01	1.54E+02	-1.22E-02	-9.26E-01
9.97E+01	-9.30E+01	1.54E+02	-1.10E-02	-9.29E-01
9.97E+01	-9.30E+01	1.53E+02	-1.59E-02	-9.45E-01
9.98E+01	-9.30E+01	1.53E+02	-9.77E-03	-9.37E-01
9.98E+01	-9.30E+01	1.53E+02	-9.77E-03	-9.31E-01
9.98E+01	-9.30E+01	1.54E+02	-2.44E-02	-9.13E-01
9.98E+01	-9.30E+01	1.53E+02	-1.95E-02	-9.19E-01
9.98E+01	-9.30E+01	1.53E+02	-3.91E-02	-9.31E-01
9.99E+01	-9.30E+01	1.53E+02	-4.39E-02	-9.27E-01
9.99E+01	-9.30E+01	1.53E+02	-9.77E-03	-9.23E-01
9.99E+01	-9.30E+01	1.53E+02	-9.77E-03	-9.11E-01
9.99E+01	-9.30E+01	1.53E+02	-2.69E-02	-9.03E-01
9.99E+01	-9.30E+01	1.53E+02	-5.13E-02	-9.19E-01
1.00E+02	-9.30E+01	1.54E+02	-1.95E-02	-9.17E-01
1.00E+02	-9.30E+01	1.53E+02	4.88E-03	-9.01E-01
1.00E+02	-9.30E+01	1.53E+02	-7.32E-03	-8.99E-01
1.00E+02	-9.30E+01	1.53E+02	-1.95E-02	-9.05E-01
1.00E+02	-9.30E+01	1.53E+02	-4.64E-02	-9.15E-01
1.00E+02	-9.30E+01	1.53E+02	-2.08E-02	-9.09E-01
1.00E+02	-9.30E+01	1.53E+02	-2.44E-03	-9.09E-01
1.00E+02	-9.30E+01	1.53E+02	-1.22E-02	-9.00E-01
1.00E+02	-9.30E+01	1.54E+02	-3.66E-02	-8.90E-01
1.00E+02	-9.30E+01	1.53E+02	-3.42E-02	-9.05E-01
1.00E+02	-9.30E+01	1.53E+02	-3.42E-02	-9.17E-01
1.00E+02	-9.30E+01	1.53E+02	2.44E-03	-8.96E-01
1.00E+02	-9.30E+01	1.53E+02	0.00E+00	-8.88E-01
1.00E+02	-9.30E+01	1.54E+02	-1.95E-02	-8.82E-01
1.00E+02	-9.30E+01	1.53E+02	-3.05E-02	-9.05E-01

1.00E+02	-9.30E+01	1.53E+02	-3.17E-02	-8.93E-01
1.00E+02	-9.30E+01	1.53E+02	-3.42E-02	-8.88E-01
1.00E+02	-9.30E+01	1.53E+02	-1.71E-02	-8.94E-01
1.00E+02	-9.30E+01	1.53E+02	-9.77E-03	-8.83E-01
1.00E+02	-9.30E+01	1.53E+02	-1.59E-02	-8.75E-01
1.00E+02	-9.30E+01	1.53E+02	-4.03E-02	-8.82E-01
1.00E+02	-9.30E+01	1.53E+02	-3.17E-02	-8.83E-01
1.00E+02	-9.30E+01	1.53E+02	-1.71E-02	-8.85E-01
1.00E+02	-9.30E+01	1.53E+02	2.08E-02	-8.80E-01
1.00E+02	-9.30E+01	1.53E+02	-7.32E-03	-8.65E-01
1.00E+02	-9.30E+01	1.53E+02	-2.08E-02	-8.65E-01
1.00E+02	-9.30E+01	1.53E+02	-3.42E-02	-8.72E-01
1.01E+02	-9.30E+01	1.53E+02	-1.46E-02	-8.71E-01
1.01E+02	-9.30E+01	1.52E+02	1.46E-02	-8.64E-01
1.01E+02	-9.30E+01	1.53E+02	-1.10E-02	-8.59E-01
1.01E+02	-9.30E+01	1.53E+02	1.95E-02	-8.52E-01
1.01E+02	-9.30E+01	1.53E+02	-3.30E-02	-8.62E-01
1.01E+02	-9.30E+01	1.53E+02	-4.03E-02	-8.64E-01
1.01E+02	-9.30E+01	1.53E+02	-2.32E-02	-8.65E-01
1.01E+02	-9.30E+01	1.53E+02	-4.88E-03	-8.65E-01
1.01E+02	-9.30E+01	1.53E+02	1.71E-02	-8.49E-01
1.01E+02	-9.30E+01	1.53E+02	-4.88E-03	-8.57E-01
1.01E+02	-9.30E+01	1.53E+02	-1.95E-02	-8.43E-01
1.01E+02	-9.30E+01	1.53E+02	-3.66E-02	-8.58E-01
1.01E+02	-9.30E+01	1.53E+02	-3.17E-02	-8.65E-01
1.01E+02	-9.30E+01	1.53E+02	-1.22E-02	-8.55E-01
1.01E+02	-9.30E+01	1.53E+02	-1.95E-02	-8.35E-01
1.01E+02	-9.30E+01	1.53E+02	-1.46E-02	-8.48E-01
1.01E+02	-9.30E+01	1.53E+02	-1.71E-02	-8.39E-01
1.01E+02	-9.30E+01	1.53E+02	-3.66E-02	-8.41E-01
1.01E+02	-9.30E+01	1.53E+02	-3.42E-02	-8.40E-01
1.01E+02	-9.30E+01	1.53E+02	-1.95E-02	-8.47E-01
1.01E+02	-9.30E+01	1.53E+02	-7.32E-03	-8.37E-01
1.01E+02	-9.30E+01	1.53E+02	2.44E-03	-8.25E-01
1.01E+02	-9.30E+01	1.53E+02	-8.54E-03	-8.21E-01
1.01E+02	-9.30E+01	1.53E+02	-3.91E-02	-8.24E-01
1.01E+02	-9.30E+01	1.53E+02	-2.44E-02	-8.43E-01
1.01E+02	-9.30E+01	1.52E+02	2.44E-03	-8.38E-01
1.01E+02	-9.30E+01	1.52E+02	-7.32E-03	-8.22E-01
1.01E+02	-9.30E+01	1.53E+02	-7.32E-03	-8.29E-01
1.01E+02	-9.30E+01	1.53E+02	-8.54E-03	-8.15E-01
1.01E+02	-9.30E+01	1.53E+02	-2.69E-02	-8.15E-01
1.01E+02	-9.30E+01	1.53E+02	-3.78E-02	-8.26E-01
1.01E+02	-9.30E+01	1.52E+02	-2.20E-02	-8.45E-01
1.01E+02	-9.30E+01	1.53E+02	-7.32E-03	-8.17E-01
1.01E+02	-9.30E+01	1.53E+02	1.22E-02	-8.14E-01
1.01E+02	-9.30E+01	1.52E+02	-2.08E-02	-8.01E-01

1.01E+02	-9.30E+01	1.53E+02	-2.44E-02	-7.99E-01
1.01E+02	-9.30E+01	1.53E+02	-3.66E-02	-8.10E-01
1.01E+02	-9.30E+01	1.53E+02	-5.13E-02	-8.23E-01
1.01E+02	-9.30E+01	1.53E+02	-4.88E-03	-8.06E-01
1.01E+02	-9.30E+01	1.52E+02	4.88E-03	-7.98E-01
1.01E+02	-9.30E+01	1.53E+02	0.00E+00	-7.99E-01
1.01E+02	-9.30E+01	1.53E+02	-1.46E-02	-7.91E-01
1.01E+02	-9.30E+01	1.53E+02	-2.69E-02	-7.95E-01
1.01E+02	-9.30E+01	1.53E+02	-7.45E-02	-7.96E-01
1.01E+02	-9.30E+01	1.53E+02	-3.66E-02	-8.00E-01
1.01E+02	-9.30E+01	1.53E+02	4.88E-03	-8.05E-01
1.01E+02	-9.30E+01	1.53E+02	-2.44E-03	-7.87E-01
1.01E+02	-9.30E+01	1.53E+02	-9.77E-03	-7.79E-01
1.01E+02	-9.30E+01	1.53E+02	-1.46E-02	-7.93E-01
1.01E+02	-9.30E+01	1.53E+02	-2.69E-02	-7.97E-01
1.02E+02	-9.30E+01	1.53E+02	0.00E+00	-7.87E-01
1.02E+02	-9.30E+01	1.52E+02	0.00E+00	-7.78E-01
1.02E+02	-9.30E+01	1.53E+02	1.71E-02	-7.70E-01
1.02E+02	-9.30E+01	1.53E+02	-2.08E-02	-7.74E-01
1.02E+02	-9.30E+01	1.53E+02	-4.15E-02	-7.62E-01
1.02E+02	-9.30E+01	1.53E+02	-2.93E-02	-7.84E-01
1.02E+02	-9.30E+01	1.53E+02	-4.88E-03	-7.82E-01
1.02E+02	-9.30E+01	1.53E+02	1.71E-02	-7.73E-01
1.02E+02	-9.30E+01	1.53E+02	-4.88E-03	-7.62E-01
1.02E+02	-9.30E+01	1.53E+02	-9.77E-03	-7.65E-01
1.02E+02	-9.30E+01	1.52E+02	-2.44E-02	-7.72E-01
1.02E+02	-9.30E+01	1.53E+02	-1.95E-02	-7.69E-01
1.02E+02	-9.30E+01	1.53E+02	-2.20E-02	-7.73E-01
1.02E+02	-9.30E+01	1.53E+02	-1.34E-02	-7.51E-01
1.02E+02	-9.30E+01	1.53E+02	-2.44E-03	-7.53E-01
1.02E+02	-9.30E+01	1.53E+02	-2.44E-02	-7.54E-01
1.02E+02	-9.30E+01	1.53E+02	-2.69E-02	-7.57E-01
1.02E+02	-9.30E+01	1.52E+02	-1.71E-02	-7.72E-01
1.02E+02	-9.30E+01	1.53E+02	-1.59E-02	-7.62E-01
1.02E+02	-9.30E+01	1.53E+02	-9.77E-03	-7.48E-01
1.02E+02	-9.30E+01	1.53E+02	-1.71E-02	-7.56E-01
1.02E+02	-9.30E+01	1.53E+02	-3.05E-02	-7.46E-01
1.02E+02	-9.30E+01	1.53E+02	-3.42E-02	-7.49E-01
1.02E+02	-9.30E+01	1.53E+02	-2.69E-02	-7.49E-01
1.02E+02	-9.30E+01	1.53E+02	-8.54E-03	-7.49E-01
1.02E+02	-9.30E+01	1.53E+02	4.88E-03	-7.34E-01
1.02E+02	-9.30E+01	1.53E+02	-3.30E-02	-7.41E-01
1.02E+02	-9.30E+01	1.53E+02	-3.91E-02	-7.40E-01
1.02E+02	-9.30E+01	1.53E+02	-1.71E-02	-7.49E-01
1.02E+02	-9.30E+01	1.52E+02	-4.88E-03	-7.42E-01
1.02E+02	-9.30E+01	1.53E+02	-7.32E-03	-7.32E-01
1.02E+02	-9.30E+01	1.53E+02	-4.88E-03	-7.24E-01

1.02E+02	-9.30E+01	1.53E+02	-4.88E-03	-7.21E-01
1.02E+02	-9.30E+01	1.53E+02	-4.88E-02	-7.27E-01
1.02E+02	-9.30E+01	1.52E+02	-3.17E-02	-7.34E-01
1.02E+02	-9.30E+01	1.52E+02	-1.46E-02	-7.42E-01
1.02E+02	-9.30E+01	1.53E+02	1.71E-02	-7.24E-01
1.02E+02	-9.30E+01	1.53E+02	4.88E-03	-7.21E-01
1.02E+02	-9.30E+01	1.52E+02	-1.46E-02	-7.16E-01
1.02E+02	-9.30E+01	1.53E+02	7.32E-03	-7.03E-01
1.02E+02	-9.30E+01	1.53E+02	-2.44E-02	-7.25E-01
1.02E+02	-9.30E+01	1.53E+02	-3.42E-02	-7.33E-01
1.02E+02	-9.30E+01	1.52E+02	-2.44E-03	-7.14E-01
1.02E+02	-9.30E+01	1.53E+02	-1.22E-03	-7.08E-01
1.02E+02	-9.30E+01	1.53E+02	-1.22E-02	-7.01E-01
1.02E+02	-9.30E+01	1.53E+02	-3.66E-02	-7.20E-01
1.02E+02	-9.30E+01	1.52E+02	-1.46E-02	-7.18E-01
1.02E+02	-9.30E+01	1.53E+02	-1.46E-02	-7.06E-01
1.02E+02	-9.30E+01	1.53E+02	-1.59E-02	-6.88E-01
1.02E+02	-9.30E+01	1.53E+02	-1.71E-02	-6.96E-01
1.03E+02	-9.30E+01	1.53E+02	-2.44E-02	-6.90E-01
1.03E+02	-9.30E+01	1.53E+02	-9.77E-03	-6.94E-01
1.03E+02	-9.30E+01	1.53E+02	-2.93E-02	-7.09E-01
1.03E+02	-9.30E+01	1.52E+02	-2.93E-02	-6.95E-01
1.03E+02	-9.30E+01	1.53E+02	0.00E+00	-6.98E-01
1.03E+02	-9.30E+01	1.53E+02	-9.77E-03	-6.87E-01
1.03E+02	-9.30E+01	1.53E+02	-2.44E-02	-6.85E-01
1.03E+02	-9.30E+01	1.52E+02	-9.77E-03	-7.05E-01
1.03E+02	-9.30E+01	1.52E+02	-1.46E-02	-6.94E-01
1.03E+02	-9.30E+01	1.52E+02	-2.44E-03	-6.84E-01
1.03E+02	-9.30E+01	1.53E+02	0.00E+00	-6.75E-01
1.03E+02	-9.30E+01	1.53E+02	-1.71E-02	-6.76E-01
1.03E+02	-9.30E+01	1.53E+02	-1.59E-02	-6.67E-01
1.03E+02	-9.30E+01	1.52E+02	-2.44E-02	-6.78E-01
1.03E+02	-9.30E+01	1.52E+02	-2.81E-02	-6.83E-01
1.03E+02	-9.30E+01	1.53E+02	-3.17E-02	-6.83E-01
1.03E+02	-9.30E+01	1.53E+02	7.32E-03	-6.71E-01
1.03E+02	-9.30E+01	1.52E+02	-9.77E-03	-6.74E-01
1.03E+02	-9.30E+01	1.52E+02	-7.32E-03	-6.58E-01
1.03E+02	-9.30E+01	1.52E+02	3.66E-03	-6.64E-01
1.03E+02	-9.30E+01	1.52E+02	-3.05E-02	-6.74E-01
1.03E+02	-9.30E+01	1.52E+02	-2.69E-02	-6.66E-01
1.03E+02	-9.30E+01	1.52E+02	-2.20E-02	-6.67E-01
1.03E+02	-9.30E+01	1.52E+02	-2.20E-02	-6.70E-01
1.03E+02	-9.30E+01	1.53E+02	-9.77E-03	-6.61E-01
1.03E+02	-9.30E+01	1.53E+02	4.88E-03	-6.47E-01
1.03E+02	-9.30E+01	1.52E+02	-3.17E-02	-6.52E-01
1.03E+02	-9.30E+01	1.52E+02	-2.44E-02	-6.51E-01
1.03E+02	-9.30E+01	1.52E+02	-3.91E-02	-6.65E-01

1.03E+02	-9.30E+01	1.52E+02	-1.95E-02	-6.53E-01
1.03E+02	-9.30E+01	1.52E+02	-4.88E-03	-6.53E-01
1.03E+02	-9.30E+01	1.52E+02	9.77E-03	-6.42E-01
1.03E+02	-9.30E+01	1.53E+02	-7.32E-03	-6.29E-01
1.03E+02	-9.30E+01	1.52E+02	-2.69E-02	-6.40E-01
1.03E+02	-9.30E+01	1.52E+02	-4.15E-02	-6.60E-01
1.03E+02	-9.30E+01	1.52E+02	-1.22E-02	-6.41E-01
1.03E+02	-9.30E+01	1.52E+02	-4.88E-03	-6.43E-01
1.03E+02	-9.30E+01	1.52E+02	0.00E+00	-6.42E-01
1.03E+02	-9.30E+01	1.52E+02	1.46E-02	-6.25E-01
1.03E+02	-9.30E+01	1.53E+02	-1.71E-02	-6.26E-01
1.03E+02	-9.30E+01	1.52E+02	-3.05E-02	-6.39E-01
1.03E+02	-9.30E+01	1.52E+02	-4.15E-02	-6.36E-01
1.03E+02	-9.30E+01	1.52E+02	-2.44E-03	-6.24E-01
1.03E+02	-9.30E+01	1.52E+02	4.88E-03	-6.29E-01
1.03E+02	-9.30E+01	1.52E+02	0.00E+00	-6.21E-01
1.03E+02	-9.30E+01	1.52E+02	-7.32E-03	-6.19E-01
1.03E+02	-9.30E+01	1.52E+02	-2.44E-02	-6.28E-01
1.03E+02	-9.30E+01	1.52E+02	-4.15E-02	-6.32E-01
1.03E+02	-9.30E+01	1.52E+02	-2.56E-02	-6.27E-01
1.03E+02	-9.30E+01	1.52E+02	-8.54E-03	-6.28E-01
1.04E+02	-9.30E+01	1.51E+02	-3.66E-03	-6.16E-01
1.04E+02	-9.30E+01	1.52E+02	9.77E-03	-6.10E-01
1.04E+02	-9.30E+01	1.52E+02	-2.44E-02	-6.11E-01
1.04E+02	-9.30E+01	1.52E+02	-3.66E-02	-6.09E-01
1.04E+02	-9.30E+01	1.51E+02	-1.95E-02	-6.04E-01
1.04E+02	-9.30E+01	1.52E+02	-1.59E-02	-6.18E-01
1.04E+02	-9.30E+01	1.52E+02	-2.20E-02	-6.09E-01
1.04E+02	-9.30E+01	1.52E+02	6.10E-03	-5.88E-01
1.04E+02	-9.30E+01	1.51E+02	-1.95E-02	-5.98E-01
1.04E+02	-9.30E+01	1.52E+02	-2.93E-02	-6.01E-01
1.04E+02	-9.30E+01	1.52E+02	-2.20E-02	-6.02E-01
1.04E+02	-9.30E+01	1.52E+02	-1.46E-02	-6.11E-01
1.04E+02	-9.30E+01	1.51E+02	-1.10E-02	-6.01E-01
1.04E+02	-9.30E+01	1.51E+02	4.88E-03	-5.96E-01
1.04E+02	-9.30E+01	1.52E+02	-2.32E-02	-5.89E-01
1.04E+02	-9.30E+01	1.51E+02	-3.78E-02	-5.98E-01
1.04E+02	-9.30E+01	1.51E+02	-3.17E-02	-6.12E-01
1.04E+02	-9.30E+01	1.51E+02	-1.46E-02	-5.90E-01
1.04E+02	-9.30E+01	1.51E+02	7.32E-03	-5.80E-01
1.04E+02	-9.30E+01	1.51E+02	-3.42E-02	-5.88E-01
1.04E+02	-9.30E+01	1.51E+02	-3.42E-02	-5.86E-01
1.04E+02	-9.30E+01	1.51E+02	-1.34E-02	-5.87E-01
1.04E+02	-9.30E+01	1.51E+02	0.00E+00	-5.89E-01
1.04E+02	-9.30E+01	1.51E+02	-7.32E-03	-5.71E-01
1.04E+02	-9.30E+01	1.51E+02	-7.32E-03	-5.69E-01
1.04E+02	-9.30E+01	1.51E+02	-5.13E-02	-5.84E-01

1.04E+02	-9.30E+01	1.51E+02	-2.93E-02	-5.77E-01
1.04E+02	-9.30E+01	1.51E+02	-2.81E-02	-5.87E-01
1.04E+02	-9.30E+01	1.51E+02	1.22E-02	-5.59E-01
1.04E+02	-9.30E+01	1.51E+02	-4.88E-03	-5.69E-01
1.04E+02	-9.30E+01	1.51E+02	0.00E+00	-5.63E-01
1.04E+02	-9.30E+01	1.51E+02	-2.44E-02	-5.70E-01
1.04E+02	-9.30E+01	1.51E+02	-2.32E-02	-5.58E-01
1.04E+02	-9.30E+01	1.51E+02	-1.46E-02	-5.73E-01
1.04E+02	-9.30E+01	1.51E+02	-1.10E-02	-5.53E-01
1.04E+02	-9.30E+01	1.51E+02	4.88E-03	-5.57E-01
1.04E+02	-9.30E+01	1.51E+02	-9.77E-03	-5.53E-01
1.04E+02	-9.30E+01	1.51E+02	-1.46E-02	-5.55E-01
1.04E+02	-9.30E+01	1.51E+02	-2.56E-02	-5.65E-01
1.04E+02	-9.30E+01	1.50E+02	-2.44E-02	-5.54E-01
1.04E+02	-9.30E+01	1.51E+02	-9.77E-03	-5.46E-01
1.04E+02	-9.30E+01	1.51E+02	0.00E+00	-5.44E-01
1.04E+02	-9.30E+01	1.51E+02	-1.22E-02	-5.38E-01
1.04E+02	-9.30E+01	1.50E+02	-1.95E-02	-5.52E-01
1.04E+02	-9.30E+01	1.50E+02	-2.20E-02	-5.54E-01
1.04E+02	-9.30E+01	1.50E+02	-1.95E-02	-5.44E-01
1.04E+02	-9.30E+01	1.51E+02	-1.71E-02	-5.41E-01
1.04E+02	-9.30E+01	1.51E+02	-1.46E-02	-5.33E-01
1.04E+02	-9.30E+01	1.50E+02	-3.78E-02	-5.34E-01
1.04E+02	-9.30E+01	1.50E+02	-3.17E-02	-5.49E-01
1.05E+02	-9.30E+01	1.50E+02	-1.46E-02	-5.36E-01
1.05E+02	-9.30E+01	1.50E+02	1.10E-02	-5.25E-01
1.05E+02	-9.30E+01	1.50E+02	-7.32E-03	-5.09E-01
1.05E+02	-9.30E+01	1.50E+02	-3.66E-02	-5.27E-01
1.05E+02	-9.30E+01	1.50E+02	-3.91E-02	-5.34E-01
1.05E+02	-9.30E+01	1.50E+02	6.10E-03	-5.39E-01
1.05E+02	-9.30E+01	1.50E+02	-2.44E-03	-5.20E-01
1.05E+02	-9.30E+01	1.50E+02	1.22E-03	-5.12E-01
1.05E+02	-9.30E+01	1.50E+02	-3.91E-02	-5.29E-01
1.05E+02	-9.30E+01	1.50E+02	-2.81E-02	-5.22E-01
1.05E+02	-9.30E+01	1.50E+02	-4.88E-03	-5.27E-01
1.05E+02	-9.30E+01	1.50E+02	-1.71E-02	-5.30E-01
1.05E+02	-9.30E+01	1.50E+02	-1.22E-03	-5.08E-01
1.05E+02	-9.30E+01	1.50E+02	-1.46E-02	-5.09E-01
1.05E+02	-9.30E+01	1.50E+02	-2.69E-02	-5.10E-01
1.05E+02	-9.30E+01	1.49E+02	-1.83E-02	-5.18E-01
1.05E+02	-9.30E+01	1.49E+02	-7.32E-03	-5.08E-01
1.05E+02	-9.30E+01	1.50E+02	7.32E-03	-5.03E-01
1.05E+02	-9.30E+01	1.50E+02	-2.44E-03	-4.97E-01
1.05E+02	-9.30E+01	1.50E+02	-1.83E-02	-4.99E-01
1.05E+02	-9.30E+01	1.50E+02	-4.15E-02	-4.84E-01
1.05E+02	-9.30E+01	1.49E+02	-2.69E-02	-5.10E-01
1.05E+02	-9.30E+01	1.49E+02	-2.56E-02	-5.09E-01

1.05E+02	-9.30E+01	1.50E+02	1.59E-02	-4.96E-01
1.05E+02	-9.30E+01	1.49E+02	6.10E-03	-4.93E-01
1.05E+02	-9.30E+01	1.49E+02	2.44E-03	-4.86E-01
1.05E+02	-9.30E+01	1.49E+02	-7.32E-03	-4.78E-01
1.05E+02	-9.30E+01	1.49E+02	-2.69E-02	-4.89E-01
1.05E+02	-9.30E+01	1.49E+02	-3.05E-02	-4.99E-01
1.05E+02	-9.30E+01	1.49E+02	-1.71E-02	-4.79E-01
1.05E+02	-9.30E+01	1.49E+02	7.32E-03	-4.81E-01
1.05E+02	-9.30E+01	1.49E+02	-7.32E-03	-4.71E-01
1.05E+02	-9.30E+01	1.49E+02	-6.10E-03	-4.63E-01
1.05E+02	-9.30E+01	1.49E+02	-3.05E-02	-4.84E-01
1.05E+02	-9.30E+01	1.49E+02	-3.42E-02	-4.83E-01
1.05E+02	-9.30E+01	1.49E+02	-2.20E-02	-4.78E-01
1.05E+02	-9.30E+01	1.49E+02	-6.10E-03	-4.77E-01
1.05E+02	-9.30E+01	1.48E+02	-7.32E-03	-4.72E-01
1.05E+02	-9.30E+01	1.49E+02	1.22E-03	-4.75E-01
1.05E+02	-9.30E+01	1.49E+02	2.08E-02	-4.61E-01
1.05E+02	-9.30E+01	1.49E+02	-3.54E-02	-4.66E-01
1.05E+02	-9.30E+01	1.48E+02	-1.46E-02	-4.70E-01
1.05E+02	-9.30E+01	1.49E+02	-1.46E-02	-4.74E-01
1.05E+02	-9.30E+01	1.49E+02	-1.71E-02	-4.69E-01
1.05E+02	-9.30E+01	1.48E+02	-2.20E-02	-4.65E-01
1.05E+02	-9.30E+01	1.48E+02	-3.30E-02	-4.58E-01
1.05E+02	-9.30E+01	1.48E+02	-2.32E-02	-4.57E-01
1.05E+02	-9.30E+01	1.48E+02	-1.83E-02	-4.70E-01
1.05E+02	-9.30E+01	1.48E+02	-2.93E-02	-4.54E-01
1.05E+02	-9.30E+01	1.48E+02	-2.44E-03	-4.46E-01
1.06E+02	-9.30E+01	1.48E+02	-3.17E-02	-4.41E-01
1.06E+02	-9.30E+01	1.48E+02	-3.91E-02	-4.46E-01
1.06E+02	-9.30E+01	1.48E+02	-1.95E-02	-4.59E-01
1.06E+02	-9.30E+01	1.47E+02	-2.69E-02	-4.52E-01
1.06E+02	-9.30E+01	1.47E+02	-8.54E-03	-4.43E-01
1.06E+02	-9.30E+01	1.48E+02	-6.10E-03	-4.39E-01
1.06E+02	-9.30E+01	1.48E+02	-7.32E-03	-4.36E-01
1.06E+02	-9.30E+01	1.48E+02	-1.71E-02	-4.31E-01
1.06E+02	-9.30E+01	1.47E+02	-2.56E-02	-4.34E-01
1.06E+02	-9.30E+01	1.47E+02	-4.76E-02	-4.32E-01
1.06E+02	-9.30E+01	1.47E+02	-1.22E-02	-4.42E-01
1.06E+02	-9.30E+01	1.47E+02	4.88E-03	-4.35E-01
1.06E+02	-9.30E+01	1.47E+02	-1.71E-02	-4.25E-01
1.06E+02	-9.30E+01	1.47E+02	-3.05E-02	-4.17E-01
1.06E+02	-9.30E+01	1.47E+02	-4.03E-02	-4.30E-01
1.06E+02	-9.30E+01	1.46E+02	-7.32E-03	-4.33E-01
1.06E+02	-9.30E+01	1.46E+02	-1.22E-02	-4.29E-01
1.06E+02	-9.30E+01	1.47E+02	-1.46E-02	-4.21E-01
1.06E+02	-9.30E+01	1.47E+02	2.44E-03	-4.04E-01
1.06E+02	-9.30E+01	1.47E+02	-1.95E-02	-4.10E-01

1.06E+02	-9.30E+01	1.46E+02	-1.22E-02	-4.01E-01
1.06E+02	-9.30E+01	1.46E+02	-1.46E-02	-4.17E-01
1.06E+02	-9.30E+01	1.46E+02	-2.69E-02	-4.18E-01
1.06E+02	-9.30E+01	1.46E+02	-4.88E-03	-4.27E-01
1.06E+02	-9.30E+01	1.46E+02	-6.10E-03	-4.05E-01
1.06E+02	-9.30E+01	1.47E+02	-1.59E-02	-3.95E-01
1.06E+02	-9.30E+01	1.47E+02	-3.42E-02	-4.06E-01
1.06E+02	-9.30E+01	1.46E+02	-3.17E-02	-4.09E-01
1.06E+02	-9.30E+01	1.46E+02	-7.32E-03	-4.07E-01
1.06E+02	-9.30E+01	1.46E+02	-2.20E-02	-4.04E-01
1.06E+02	-9.30E+01	1.47E+02	-7.32E-03	-3.90E-01
1.06E+02	-9.30E+01	1.47E+02	-3.30E-02	-3.96E-01
1.06E+02	-9.30E+01	1.46E+02	-3.42E-02	-3.90E-01
1.06E+02	-9.30E+01	1.46E+02	-3.66E-02	-3.97E-01
1.06E+02	-9.30E+01	1.46E+02	4.88E-03	-3.95E-01
1.06E+02	-9.30E+01	1.46E+02	-2.93E-02	-3.90E-01
1.06E+02	-9.30E+01	1.46E+02	-6.10E-03	-3.76E-01
1.06E+02	-9.30E+01	1.46E+02	-4.15E-02	-3.87E-01
1.06E+02	-9.30E+01	1.46E+02	-3.30E-02	-3.90E-01
1.06E+02	-9.30E+01	1.46E+02	-3.17E-02	-3.92E-01
1.06E+02	-9.30E+01	1.46E+02	7.32E-03	-3.78E-01
1.06E+02	-9.30E+01	1.46E+02	-9.77E-03	-3.81E-01
1.06E+02	-9.30E+01	1.47E+02	-2.32E-02	-3.74E-01
1.06E+02	-9.30E+01	1.46E+02	-2.69E-02	-3.75E-01
1.06E+02	-9.30E+01	1.45E+02	-3.78E-02	-3.75E-01
1.06E+02	-9.30E+01	1.45E+02	-1.95E-02	-3.80E-01
1.06E+02	-9.30E+01	1.46E+02	-7.32E-03	-3.73E-01
1.06E+02	-9.30E+01	1.47E+02	-1.22E-02	-3.68E-01
1.06E+02	-9.30E+01	1.46E+02	-7.32E-03	-3.73E-01
1.06E+02	-9.30E+01	1.46E+02	-8.54E-03	-3.62E-01
1.07E+02	-9.30E+01	1.47E+02	-4.15E-02	-3.65E-01
1.07E+02	-9.30E+01	1.47E+02	-6.35E-02	-3.66E-01
1.07E+02	-9.30E+01	1.46E+02	-2.20E-02	-3.72E-01
1.07E+02	-9.30E+01	1.46E+02	-7.32E-03	-3.64E-01
1.07E+02	-9.30E+01	1.47E+02	7.32E-03	-3.61E-01
1.07E+02	-9.30E+01	1.47E+02	-1.71E-02	-3.51E-01
1.07E+02	-9.30E+01	1.47E+02	-4.52E-02	-3.54E-01
1.07E+02	-9.30E+01	1.47E+02	-4.64E-02	-3.56E-01
1.07E+02	-9.30E+01	1.46E+02	-2.44E-02	-3.67E-01
1.07E+02	-9.30E+01	1.47E+02	-5.00E-02	-3.61E-01
1.07E+02	-9.30E+01	1.47E+02	-3.66E-03	-3.57E-01
1.07E+02	-9.30E+01	1.46E+02	7.32E-03	-3.45E-01
1.07E+02	-9.30E+01	1.47E+02	-9.77E-03	-3.38E-01
1.07E+02	-9.30E+01	1.47E+02	1.22E-02	-3.37E-01
1.07E+02	-9.30E+01	1.48E+02	-3.42E-02	-3.46E-01
1.07E+02	-9.30E+01	1.47E+02	-1.46E-02	-3.39E-01
1.07E+02	-9.30E+01	1.46E+02	-1.46E-02	-3.45E-01

1.07E+02	-9.30E+01	1.47E+02	9.77E-03	-3.37E-01
1.07E+02	-9.30E+01	1.47E+02	-8.54E-03	-3.29E-01
1.07E+02	-9.30E+01	1.48E+02	-1.22E-02	-3.23E-01
1.07E+02	-9.30E+01	1.47E+02	-3.78E-02	-3.31E-01
1.07E+02	-9.30E+01	1.47E+02	-1.22E-02	-3.33E-01
1.07E+02	-9.30E+01	1.48E+02	-1.95E-02	-3.38E-01
1.07E+02	-9.30E+01	1.47E+02	-2.20E-02	-3.33E-01
1.07E+02	-9.30E+01	1.48E+02	-1.46E-02	-3.21E-01
1.07E+02	-9.30E+01	1.48E+02	-1.22E-02	-3.20E-01
1.07E+02	-9.30E+01	1.48E+02	-1.95E-02	-3.09E-01
1.07E+02	-9.30E+01	1.48E+02	-1.71E-02	-3.22E-01
1.07E+02	-9.30E+01	1.48E+02	-3.42E-02	-3.26E-01
1.07E+02	-9.30E+01	1.48E+02	2.44E-03	-3.33E-01
1.07E+02	-9.30E+01	1.49E+02	-2.44E-03	-3.06E-01
1.07E+02	-9.30E+01	1.49E+02	-4.88E-03	-3.05E-01
1.07E+02	-9.30E+01	1.49E+02	-1.83E-02	-3.17E-01
1.07E+02	-9.30E+01	1.48E+02	-3.66E-02	-3.06E-01
1.07E+02	-9.30E+01	1.49E+02	-4.15E-02	-3.07E-01
1.07E+02	-9.30E+01	1.49E+02	0.00E+00	-3.17E-01
1.07E+02	-9.30E+01	1.49E+02	0.00E+00	-3.02E-01
1.07E+02	-9.30E+01	1.49E+02	1.34E-02	-2.99E-01
1.07E+02	-9.30E+01	1.49E+02	-2.20E-02	-2.86E-01
1.07E+02	-9.30E+01	1.49E+02	-3.91E-02	-3.01E-01
1.07E+02	-9.30E+01	1.49E+02	-2.81E-02	-2.97E-01
1.07E+02	-9.30E+01	1.49E+02	1.95E-02	-3.04E-01
1.07E+02	-9.30E+01	1.49E+02	0.00E+00	-2.96E-01
1.07E+02	-9.30E+01	1.49E+02	-3.66E-02	-2.91E-01
1.07E+02	-9.30E+01	1.49E+02	-9.77E-03	-2.87E-01
1.07E+02	-9.30E+01	1.49E+02	-2.08E-02	-2.84E-01
1.07E+02	-9.30E+01	1.49E+02	-1.71E-02	-2.99E-01
1.07E+02	-9.30E+01	1.50E+02	-3.17E-02	-2.92E-01
1.07E+02	-9.30E+01	1.50E+02	-2.81E-02	-2.85E-01
1.07E+02	-9.30E+01	1.49E+02	1.22E-02	-3.00E-01
1.08E+02	-9.30E+01	1.49E+02	-7.32E-03	-2.90E-01
1.08E+02	-9.30E+01	1.50E+02	-1.10E-02	-2.72E-01
1.08E+02	-9.30E+01	1.50E+02	-9.77E-03	-2.61E-01
1.08E+02	-9.30E+01	1.50E+02	-2.81E-02	-2.73E-01
1.08E+02	-9.30E+01	1.50E+02	-3.17E-02	-2.65E-01
1.08E+02	-9.30E+01	1.50E+02	-3.66E-02	-2.83E-01
1.08E+02	-9.30E+01	1.49E+02	-3.66E-03	-2.74E-01
1.08E+02	-9.30E+01	1.50E+02	-2.44E-02	-2.71E-01
1.08E+02	-9.30E+01	1.50E+02	-6.10E-03	-2.61E-01
1.08E+02	-9.30E+01	1.50E+02	-3.30E-02	-2.68E-01
1.08E+02	-9.30E+01	1.50E+02	-5.13E-02	-2.80E-01
1.08E+02	-9.30E+01	1.49E+02	-1.71E-02	-2.75E-01
1.08E+02	-9.30E+01	1.50E+02	-2.32E-02	-2.52E-01
1.08E+02	-9.30E+01	1.50E+02	-6.10E-03	-2.55E-01

1.08E+02	-9.30E+01	1.50E+02	-1.22E-02	-2.57E-01
1.08E+02	-9.30E+01	1.50E+02	-4.88E-03	-2.59E-01
1.08E+02	-9.30E+01	1.50E+02	-1.71E-02	-2.75E-01
1.08E+02	-9.30E+01	1.50E+02	-1.59E-02	-2.60E-01
1.08E+02	-9.30E+01	1.51E+02	-1.22E-02	-2.59E-01
1.08E+02	-9.30E+01	1.50E+02	-1.22E-02	-2.44E-01
1.08E+02	-9.30E+01	1.50E+02	-3.54E-02	-2.46E-01
1.08E+02	-9.30E+01	1.50E+02	-4.76E-02	-2.61E-01
1.08E+02	-9.30E+01	1.50E+02	-1.95E-02	-2.54E-01
1.08E+02	-9.30E+01	1.50E+02	-1.71E-02	-2.47E-01
1.08E+02	-9.30E+01	1.50E+02	-3.91E-02	-2.38E-01
1.08E+02	-9.30E+01	1.50E+02	-7.32E-03	-2.36E-01
1.08E+02	-9.30E+01	1.50E+02	-3.91E-02	-2.53E-01
1.08E+02	-9.30E+01	1.50E+02	-3.17E-02	-2.42E-01
1.08E+02	-9.30E+01	1.50E+02	-1.71E-02	-2.50E-01
1.08E+02	-9.30E+01	1.50E+02	2.20E-02	-2.33E-01
1.08E+02	-9.30E+01	1.50E+02	2.44E-03	-2.30E-01
1.08E+02	-9.30E+01	1.50E+02	-1.71E-02	-2.30E-01
1.08E+02	-9.30E+01	1.50E+02	-4.39E-02	-2.30E-01
1.08E+02	-9.30E+01	1.50E+02	-2.69E-02	-2.25E-01
1.08E+02	-9.30E+01	1.50E+02	-1.95E-02	-2.33E-01
1.08E+02	-9.30E+01	1.50E+02	-4.88E-02	-2.36E-01
1.08E+02	-9.30E+01	1.50E+02	-1.46E-02	-2.26E-01
1.08E+02	-9.30E+01	1.50E+02	-2.44E-03	-2.30E-01
1.08E+02	-9.30E+01	1.50E+02	-9.77E-03	-2.14E-01
1.08E+02	-9.30E+01	1.50E+02	-1.46E-02	-2.11E-01
1.08E+02	-9.30E+01	1.50E+02	-3.66E-02	-2.21E-01
1.08E+02	-9.30E+01	1.50E+02	-3.54E-02	-2.13E-01
1.08E+02	-9.30E+01	1.50E+02	-3.17E-02	-2.12E-01
1.08E+02	-9.30E+01	1.50E+02	9.77E-03	-2.16E-01
1.08E+02	-9.30E+01	1.50E+02	-3.66E-03	-2.09E-01
1.08E+02	-9.30E+01	1.49E+02	4.88E-03	-1.96E-01
1.08E+02	-9.30E+01	1.50E+02	-7.32E-03	-2.00E-01
1.08E+02	-9.30E+01	1.50E+02	-1.95E-02	-2.00E-01
1.08E+02	-9.30E+01	1.49E+02	-3.05E-02	-2.00E-01
1.08E+02	-9.30E+01	1.49E+02	-1.95E-02	-2.16E-01
1.09E+02	-9.30E+01	1.49E+02	-9.77E-03	-2.07E-01
1.09E+02	-9.30E+01	1.50E+02	-7.32E-03	-2.05E-01
1.09E+02	-9.30E+01	1.49E+02	-2.20E-02	-1.92E-01
1.09E+02	-9.30E+01	1.49E+02	-3.42E-02	-1.87E-01
1.09E+02	-9.30E+01	1.49E+02	-4.15E-02	-1.93E-01
1.09E+02	-9.30E+01	1.49E+02	-2.44E-02	-2.03E-01
1.09E+02	-9.30E+01	1.49E+02	-2.08E-02	-2.01E-01
1.09E+02	-9.30E+01	1.49E+02	-1.10E-02	-1.98E-01
1.09E+02	-9.30E+01	1.49E+02	7.32E-03	-1.82E-01
1.09E+02	-9.30E+01	1.49E+02	-2.32E-02	-1.76E-01
1.09E+02	-9.30E+01	1.50E+02	-1.95E-02	-1.75E-01

1.09E+02	-9.30E+01	1.49E+02	-2.56E-02	-1.81E-01
1.09E+02	-9.30E+01	1.49E+02	-3.91E-02	-1.83E-01
1.09E+02	-9.30E+01	1.49E+02	-1.83E-02	-1.82E-01
1.09E+02	-9.30E+01	1.49E+02	1.46E-02	-1.81E-01
1.09E+02	-9.30E+01	1.49E+02	-2.81E-02	-1.73E-01
1.09E+02	-9.30E+01	1.49E+02	-7.32E-03	-1.63E-01
1.09E+02	-9.30E+01	1.49E+02	0.00E+00	-1.60E-01
1.09E+02	-9.30E+01	1.49E+02	-2.08E-02	-1.60E-01
1.09E+02	-9.30E+01	1.49E+02	-4.15E-02	-1.67E-01
1.09E+02	-9.30E+01	1.49E+02	-1.95E-02	-1.77E-01
1.09E+02	-9.30E+01	1.48E+02	1.95E-02	-1.74E-01
1.09E+02	-9.30E+01	1.48E+02	-4.88E-03	-1.60E-01
1.09E+02	-9.30E+01	1.49E+02	-2.69E-02	-1.62E-01
1.09E+02	-9.30E+01	1.49E+02	-7.32E-03	-1.55E-01
1.09E+02	-9.30E+01	1.49E+02	-2.93E-02	-1.58E-01
1.09E+02	-9.30E+01	1.49E+02	-4.76E-02	-1.53E-01
1.09E+02	-9.30E+01	1.49E+02	-1.95E-02	-1.65E-01
1.09E+02	-9.30E+01	1.48E+02	-1.34E-02	-1.58E-01
1.09E+02	-9.30E+01	1.48E+02	1.22E-03	-1.49E-01
1.09E+02	-9.30E+01	1.48E+02	-4.88E-03	-1.38E-01
1.09E+02	-9.30E+01	1.49E+02	-3.54E-02	-1.32E-01
1.09E+02	-9.30E+01	1.49E+02	-2.69E-02	-1.43E-01
1.09E+02	-9.30E+01	1.48E+02	-1.71E-02	-1.48E-01
1.09E+02	-9.30E+01	1.48E+02	-3.66E-02	-1.38E-01
1.09E+02	-9.30E+01	1.48E+02	-7.32E-03	-1.46E-01
1.09E+02	-9.30E+01	1.48E+02	7.32E-03	-1.44E-01
1.09E+02	-9.30E+01	1.48E+02	-1.10E-02	-1.49E-01
1.09E+02	-9.30E+01	1.48E+02	-7.32E-03	-1.29E-01
1.09E+02	-9.30E+01	1.48E+02	-4.88E-03	-1.20E-01
1.09E+02	-9.30E+01	1.48E+02	-2.56E-02	-1.27E-01
1.09E+02	-9.30E+01	1.48E+02	-4.39E-02	-1.32E-01
1.09E+02	-9.30E+01	1.48E+02	-4.15E-02	-1.39E-01
1.09E+02	-9.30E+01	1.47E+02	-1.46E-02	-1.38E-01
1.09E+02	-9.30E+01	1.48E+02	-1.46E-02	-1.29E-01
1.09E+02	-9.30E+01	1.48E+02	6.10E-03	-1.24E-01
1.09E+02	-9.30E+01	1.47E+02	-2.69E-02	-1.16E-01
1.09E+02	-9.30E+01	1.47E+02	-3.66E-02	-1.26E-01
1.09E+02	-9.30E+01	1.47E+02	-4.64E-02	-1.30E-01
1.09E+02	-9.30E+01	1.46E+02	-1.95E-02	-1.29E-01
1.10E+02	-9.30E+01	1.46E+02	-1.10E-02	-1.23E-01
1.10E+02	-9.30E+01	1.46E+02	0.00E+00	-1.03E-01
1.10E+02	-9.30E+01	1.46E+02	8.54E-03	-1.04E-01
1.10E+02	-9.30E+01	1.46E+02	-1.95E-02	-1.16E-01
1.10E+02	-9.30E+01	1.46E+02	-2.44E-02	-1.05E-01
1.10E+02	-9.30E+01	1.46E+02	-1.46E-02	-1.07E-01
1.10E+02	-9.30E+01	1.45E+02	-1.71E-02	-1.01E-01
1.10E+02	-9.30E+01	1.45E+02	-1.46E-02	-1.12E-01

1.10E+02	-9.30E+01	1.45E+02	-2.44E-03	-1.10E-01
1.10E+02	-9.30E+01	1.45E+02	-4.27E-02	-1.06E-01
1.10E+02	-9.30E+01	1.45E+02	-1.22E-02	-9.35E-02
1.10E+02	-9.30E+01	1.45E+02	-1.22E-02	-9.60E-02
1.10E+02	-9.30E+01	1.46E+02	-2.44E-02	-8.75E-02
1.10E+02	-9.30E+01	1.46E+02	-2.93E-02	-9.05E-02
1.10E+02	-9.30E+01	1.46E+02	-4.03E-02	-1.02E-01
1.10E+02	-9.30E+01	1.45E+02	-1.22E-02	-9.81E-02
1.10E+02	-9.30E+01	1.45E+02	-2.44E-03	-9.26E-02
1.10E+02	-9.30E+01	1.45E+02	4.88E-03	-8.16E-02
1.10E+02	-9.30E+01	1.45E+02	-1.46E-02	-7.14E-02
1.10E+02	-9.30E+01	1.44E+02	3.66E-03	-7.61E-02
1.10E+02	-9.30E+01	1.44E+02	-3.05E-02	-9.01E-02
1.10E+02	-9.30E+01	1.45E+02	-4.15E-02	-8.92E-02
1.10E+02	-9.30E+01	1.41E+02	3.66E-03	-7.82E-02
1.10E+02	-9.30E+01	1.30E+02	6.10E-03	-7.35E-02
1.10E+02	-9.30E+01	1.19E+02	6.10E-03	-6.72E-02
1.10E+02	-9.30E+01	1.08E+02	-1.71E-02	-7.31E-02
1.10E+02	-9.30E+01	9.92E+01	-1.46E-02	-6.21E-02
1.10E+02	-9.30E+01	8.87E+01	-3.91E-02	-5.53E-02
1.10E+02	-9.30E+01	7.77E+01	-3.91E-02	-6.46E-02
1.10E+02	-9.30E+01	6.67E+01	2.44E-03	-5.99E-02
1.10E+02	-9.30E+01	5.74E+01	8.54E-03	-5.70E-02
1.10E+02	-9.30E+01	4.83E+01	-4.88E-03	-4.00E-02
1.10E+02	-9.30E+01	3.78E+01	2.44E-03	-3.49E-02
1.10E+02	-9.30E+01	2.88E+01	-1.46E-02	-4.47E-02
1.10E+02	-9.30E+01	1.94E+01	-3.17E-02	-3.92E-02
1.10E+02	-9.30E+01	1.11E+01	-3.66E-02	-3.36E-02
1.10E+02	-9.30E+01	4.29E+00	-1.95E-02	-4.76E-02
1.10E+02	-9.30E+01	2.01E+00	-7.32E-03	-3.66E-02
1.10E+02	-9.30E+01	2.09E+00	1.95E-02	-3.75E-02
1.10E+02	-9.30E+01	2.12E+00	3.66E-03	-3.70E-02
1.10E+02	-9.30E+01	2.09E+00	-2.20E-02	-2.98E-02
1.10E+02	-9.30E+01	2.12E+00	-3.66E-02	-4.38E-02
1.10E+02	-9.30E+01	1.77E+00	-2.93E-02	-5.23E-02
1.10E+02	-9.30E+01	1.92E+00	-9.77E-03	-5.10E-02
1.10E+02	-9.30E+01	1.89E+00	4.88E-03	-5.02E-02
1.10E+02	-9.30E+01	2.03E+00	-2.44E-03	-4.00E-02
1.10E+02	-9.30E+01	2.18E+00	-1.22E-02	-3.24E-02
1.10E+02	-9.30E+01	2.13E+00	-5.49E-02	-3.83E-02
1.10E+02	-9.30E+01	1.81E+00	-3.66E-02	-4.85E-02
1.10E+02	-9.30E+01	1.51E+00	2.44E-03	-4.93E-02
1.11E+02	-9.30E+01	1.46E+00	9.77E-03	-4.85E-02
1.11E+02	-9.30E+01	1.35E+00	-7.32E-03	-4.34E-02
1.11E+02	-9.30E+01	1.84E+00	-2.44E-02	-2.81E-02
1.11E+02	-9.30E+01	1.43E+00	-2.20E-02	-4.17E-02
1.11E+02	-9.30E+01	1.23E+00	-3.17E-02	-4.51E-02

1.11E+02	-9.30E+01	1.08E+00	-3.66E-03	-4.42E-02
1.11E+02	-9.30E+01	1.14E+00	2.44E-03	-3.24E-02
1.11E+02	-9.30E+01	1.11E+00	2.44E-02	-3.07E-02
1.11E+02	-9.30E+01	1.29E+00	-2.20E-02	-3.36E-02
1.11E+02	-9.30E+01	1.17E+00	-2.93E-02	-3.92E-02
1.11E+02	-9.30E+01	1.08E+00	-3.66E-02	-3.41E-02
1.11E+02	-9.30E+01	9.57E-01	1.22E-03	-4.72E-02
1.11E+02	-9.30E+01	1.14E+00	-2.44E-03	-4.17E-02
1.11E+02	-9.30E+01	1.11E+00	-9.77E-03	-1.88E-02
1.11E+02	-9.30E+01	1.42E+00	-1.59E-02	-2.98E-02
1.11E+02	-9.30E+01	1.11E+00	-3.05E-02	-4.09E-02
1.11E+02	-9.30E+01	1.23E+00	-3.05E-02	-4.42E-02
1.11E+02	-9.30E+01	1.05E+00	7.32E-03	-4.38E-02
1.11E+02	-9.30E+01	1.13E+00	-2.44E-03	-3.79E-02
1.11E+02	-9.30E+01	1.60E+00	-4.88E-03	-2.98E-02
1.11E+02	-9.30E+01	1.63E+00	-9.77E-03	-2.77E-02
1.11E+02	-9.30E+01	1.39E+00	-6.10E-02	-3.58E-02
1.11E+02	-9.30E+01	1.60E+00	-4.39E-02	-4.00E-02
1.11E+02	-9.30E+01	1.42E+00	-4.88E-03	-4.76E-02
1.11E+02	-9.30E+01	8.50E-01	-1.71E-02	-5.10E-02
1.11E+02	-9.30E+01	1.08E+00	-7.32E-03	-4.21E-02
1.11E+02	-9.30E+01	1.71E+00	9.77E-03	-4.42E-02
1.11E+02	-9.30E+01	1.60E+00	1.22E-03	-3.49E-02
1.11E+02	-9.30E+01	1.72E+00	-1.22E-02	-3.70E-02
1.11E+02	-9.30E+01	1.45E+00	-2.08E-02	-3.79E-02
1.11E+02	-9.30E+01	1.57E+00	-2.69E-02	-5.02E-02
1.11E+02	-9.30E+01	1.55E+00	-2.20E-02	-4.51E-02
1.11E+02	-9.30E+01	1.48E+00	-1.71E-02	-4.72E-02
1.11E+02	-9.30E+01	1.26E+00	-1.22E-02	-4.34E-02
1.11E+02	-9.30E+01	1.32E+00	1.22E-03	-3.66E-02
1.11E+02	-9.30E+01	1.63E+00	0.00E+00	-2.98E-02
1.11E+02	-9.30E+01	1.87E+00	-1.22E-02	-3.32E-02
1.11E+02	-9.30E+01	1.42E+00	-2.69E-02	-3.92E-02
1.11E+02	-9.30E+01	1.48E+00	-3.66E-02	-3.83E-02
1.11E+02	-9.30E+01	1.32E+00	-2.44E-02	-3.24E-02
1.11E+02	-9.30E+01	1.26E+00	-2.44E-02	-5.10E-02
1.11E+02	-9.30E+01	1.42E+00	-1.34E-02	-3.83E-02
1.11E+02	-9.30E+01	1.49E+00	2.69E-02	-4.09E-02

Current File	O:\Projects\914220~1\Data\UNITED~1\Ody1056.csv
Original File	C:\Data\9142OdysseyLiftGate\Ody1056.dx3
File descrip	9142 Honda Odyssey LiftGate liftgate - Esser
Project ID:	Project ID
File ID:	File ID
Test Date:	########
Test Time:	05:39.0
Current Da	########
Current Tin	8:53:36
Number of	4
Number of	5728
Independe	0.02
Independe	0
Independe	Sec

Time	Angle	Force	LiftgateMo	StrutCalDisplacement
Sec	Degrees	lbs	volts	inches
0.00E+00	-9.30E+01	5.55E-02	-9.77E-03	1.45E-02
2.00E-02	-9.30E+01	7.08E-02	-1.22E-02	-3.36E-03
4.00E-02	-9.30E+01	-3.62E-02	-1.46E-02	-1.01E-02
6.00E-02	-9.30E+01	7.08E-02	1.22E-02	-8.45E-03
8.00E-02	-9.30E+01	2.24E-01	-4.88E-03	7.25E-03
1.00E-01	-9.30E+01	-2.35E-01	-1.22E-03	-8.10E-04
1.20E-01	-9.30E+01	1.01E-01	-2.44E-03	-8.10E-04
1.40E-01	-9.30E+01	5.55E-02	-2.69E-02	6.83E-03
1.60E-01	-9.30E+01	2.54E-01	-9.77E-03	-6.75E-03
1.80E-01	-9.30E+01	4.02E-02	-4.88E-03	3.84E-05
2.00E-01	-9.30E+01	-1.74E-01	-2.08E-02	6.83E-03
2.20E-01	-9.30E+01	-1.89E-01	-2.44E-03	1.31E-03
2.40E-01	-9.30E+01	1.47E-01	-1.22E-02	-1.23E-03
2.60E-01	-9.30E+01	7.08E-02	-1.22E-02	3.84E-05
2.80E-01	-9.30E+01	4.02E-02	1.22E-03	-7.60E-03
3.00E-01	-9.30E+01	7.08E-02	7.32E-03	8.87E-04
3.20E-01	-9.30E+01	1.63E-01	-1.46E-02	8.87E-04
3.40E-01	-9.30E+01	1.32E-01	-2.44E-02	-8.10E-04
3.60E-01	-9.30E+01	-1.13E-01	-4.88E-03	8.52E-03
3.80E-01	-9.30E+01	-1.43E-01	-2.44E-03	-8.45E-03
4.00E-01	-9.30E+01	1.47E-01	-7.32E-03	6.83E-03
4.20E-01	-9.30E+01	-2.20E-01	-4.64E-02	8.87E-04
4.40E-01	-9.30E+01	-2.09E-02	-8.54E-03	-3.78E-03
4.60E-01	-9.30E+01	1.93E-01	-4.88E-03	3.43E-03
4.80E-01	-9.30E+01	1.78E-01	-1.22E-02	-8.10E-04
5.00E-01	-9.30E+01	2.49E-02	-1.46E-02	-2.08E-03
5.20E-01	-9.30E+01	-9.74E-02	-1.46E-02	-8.45E-03
5.40E-01	-9.30E+01	7.08E-02	-2.20E-02	1.06E-02
5.60E-01	-9.30E+01	1.01E-01	-1.59E-02	5.13E-03
5.80E-01	-9.30E+01	3.00E-01	-1.95E-02	-2.93E-03
6.00E-01	-9.30E+01	1.63E-01	-1.46E-02	8.87E-04

6.20E-01	-9.30E+01	-5.15E-02	-4.15E-02	3.84E-05
6.40E-01	-9.30E+01	-3.62E-02	-8.54E-03	-3.36E-03
6.60E-01	-9.30E+01	1.32E-01	-2.20E-02	3.43E-03
6.80E-01	-9.30E+01	1.63E-01	-1.71E-02	2.58E-03
7.00E-01	-9.30E+01	1.63E-01	1.22E-03	-5.90E-03
7.20E-01	-9.30E+01	-2.20E-01	-2.93E-02	-5.90E-03
7.40E-01	-9.30E+01	4.02E-02	-1.22E-02	-3.78E-03
7.60E-01	-9.30E+01	2.49E-02	-1.46E-02	1.49E-02
7.80E-01	-9.30E+01	-2.04E-01	-6.10E-03	-2.51E-03
8.00E-01	-9.30E+01	9.63E-03	-1.95E-02	1.74E-03
8.20E-01	-9.30E+01	9.63E-03	-1.71E-02	-3.36E-03
8.40E-01	-9.30E+01	8.61E-02	-9.77E-03	2.58E-03
8.60E-01	-9.30E+01	-8.21E-02	-7.32E-03	-1.23E-03
8.80E-01	-9.30E+01	1.63E-01	-1.71E-02	3.84E-05
9.00E-01	-9.30E+01	9.63E-03	-1.71E-02	5.98E-03
9.20E-01	-9.30E+01	-1.43E-01	-2.08E-02	4.63E-04
9.40E-01	-9.30E+01	1.17E-01	-2.08E-02	6.83E-03
9.60E-01	-9.30E+01	9.63E-03	-2.69E-02	3.43E-03
9.80E-01	-9.30E+01	9.63E-03	-9.77E-03	-2.51E-03
1.00E+00	-9.30E+01	1.32E-01	1.71E-02	8.87E-04
1.02E+00	-9.30E+01	9.63E-03	-8.54E-03	5.55E-03
1.04E+00	-9.30E+01	4.02E-02	2.69E-02	-4.20E-03
1.06E+00	-9.30E+01	1.63E-01	-1.59E-02	-3.36E-03
1.08E+00	-9.30E+01	-2.04E-01	-1.95E-02	-1.10E-02
1.10E+00	-9.30E+01	-1.13E-01	-2.56E-02	-3.78E-03
1.12E+00	-9.30E+01	-8.21E-02	-1.22E-02	-3.36E-03
1.14E+00	-9.30E+01	-5.15E-02	-1.46E-02	1.32E-02
1.16E+00	-9.30E+01	-2.35E-01	-1.46E-02	3.84E-05
1.18E+00	-9.30E+01	7.08E-02	-1.46E-02	1.74E-03
1.20E+00	-9.30E+01	-1.13E-01	0.00E+00	-4.20E-03
1.22E+00	-9.30E+01	1.47E-01	-1.71E-02	8.52E-03
1.24E+00	-9.30E+01	-8.21E-02	9.77E-03	3.84E-05
1.26E+00	-9.30E+01	-5.15E-02	1.22E-02	-2.08E-03
1.28E+00	-9.30E+01	1.01E-01	-1.22E-02	8.87E-04
1.30E+00	-9.30E+01	-2.09E-02	-2.20E-02	-1.66E-03
1.32E+00	-9.30E+01	1.01E-01	-1.46E-02	-4.20E-03
1.34E+00	-9.30E+01	1.93E-01	-3.42E-02	5.98E-03
1.36E+00	-9.30E+01	1.93E-01	-4.88E-03	-1.18E-02
1.38E+00	-9.30E+01	1.47E-01	-1.83E-02	3.43E-03
1.40E+00	-9.30E+01	1.01E-01	-1.59E-02	6.83E-03
1.42E+00	-9.30E+01	1.01E-01	-7.32E-03	-1.23E-03
1.44E+00	-9.30E+01	1.47E-01	-2.32E-02	3.43E-03
1.46E+00	-9.30E+01	-6.68E-02	-3.42E-02	-1.10E-02
1.48E+00	-9.30E+01	7.08E-02	-1.71E-02	3.84E-05
1.50E+00	-9.30E+01	-6.68E-02	-4.52E-02	1.74E-03
1.52E+00	-9.30E+01	2.49E-02	-9.77E-03	5.13E-03
1.54E+00	-9.30E+01	-1.59E-01	-1.95E-02	-1.01E-02

1.56E+00	-9.30E+01	9.63E-03	1.22E-03	5.98E-03
1.58E+00	-9.30E+01	8.61E-02	-3.05E-02	3.86E-03
1.60E+00	-9.30E+01	-1.43E-01	-7.32E-03	4.28E-03
1.62E+00	-9.30E+01	-2.66E-01	-1.71E-02	-6.75E-03
1.64E+00	-9.30E+01	-2.09E-02	-7.32E-03	-8.10E-04
1.66E+00	-9.30E+01	-1.89E-01	-1.95E-02	1.62E-02
1.68E+00	-9.30E+01	1.32E-01	-1.71E-02	8.52E-03
1.70E+00	-9.30E+01	2.24E-01	-1.46E-02	-1.48E-02
1.72E+00	-9.30E+01	1.01E-01	-2.20E-02	-8.10E-04
1.74E+00	-9.30E+01	-1.28E-01	-2.20E-02	4.63E-04
1.76E+00	-9.30E+01	7.08E-02	-1.22E-02	-5.48E-03
1.78E+00	-9.30E+01	-8.21E-02	-2.20E-02	-2.08E-03
1.80E+00	-9.30E+01	-2.09E-02	-1.71E-02	-8.10E-04
1.82E+00	-9.30E+01	-9.74E-02	-7.32E-03	-5.48E-03
1.84E+00	-9.30E+01	8.61E-02	-5.98E-02	1.31E-03
1.86E+00	-9.30E+01	1.32E-01	-4.88E-03	5.98E-03
1.88E+00	-9.30E+01	-3.62E-02	-2.93E-02	3.84E-05
1.90E+00	-9.30E+01	1.01E-01	-3.17E-02	-6.75E-03
1.92E+00	-9.30E+01	9.63E-03	-1.71E-02	3.43E-03
1.94E+00	-9.30E+01	-2.09E-02	2.44E-03	-3.36E-03
1.96E+00	-9.30E+01	8.61E-02	-2.69E-02	7.67E-03
1.98E+00	-9.30E+01	-3.62E-02	-9.77E-03	-6.75E-03
2.00E+00	-9.30E+01	-3.62E-02	-1.10E-02	1.74E-03
2.02E+00	-9.30E+01	1.32E-01	-2.44E-03	4.70E-03
2.04E+00	-9.30E+01	7.08E-02	-2.81E-02	-3.36E-03
2.06E+00	-9.30E+01	7.08E-02	-1.71E-02	4.63E-04
2.08E+00	-9.30E+01	1.63E-01	-1.34E-02	2.58E-03
2.10E+00	-9.30E+01	-5.66E-03	-1.71E-02	8.95E-03
2.12E+00	-9.30E+01	1.32E-01	-6.10E-03	1.74E-03
2.14E+00	-9.30E+01	1.32E-01	-1.22E-02	3.43E-03
2.16E+00	-9.30E+01	-1.13E-01	-1.22E-02	-1.66E-03
2.18E+00	-9.30E+01	-2.09E-02	-6.10E-03	-1.66E-03
2.20E+00	-9.30E+01	-2.09E-02	-2.81E-02	-1.66E-03
2.22E+00	-9.30E+01	-1.28E-01	-1.10E-02	-8.45E-03
2.24E+00	-9.30E+01	3.15E-01	-2.20E-02	8.87E-04
2.26E+00	-9.30E+01	1.32E-01	0.00E+00	8.10E-03
2.28E+00	-9.30E+01	1.93E-01	-1.71E-02	-6.75E-03
2.30E+00	-9.30E+01	-1.13E-01	-1.10E-02	-2.51E-03
2.32E+00	-9.30E+01	-8.21E-02	-2.20E-02	1.15E-02
2.34E+00	-9.30E+01	7.08E-02	0.00E+00	3.84E-05
2.36E+00	-9.30E+01	2.39E-01	-2.81E-02	-1.66E-03
2.38E+00	-9.30E+01	1.63E-01	-6.10E-03	-2.51E-03
2.40E+00	-9.30E+01	2.54E-01	-1.71E-02	7.67E-03
2.42E+00	-9.30E+01	-5.15E-02	-2.08E-02	-8.10E-04
2.44E+00	-9.30E+01	-9.74E-02	0.00E+00	4.63E-04
2.46E+00	-9.30E+01	-2.09E-02	-2.20E-02	3.01E-03
2.48E+00	-9.30E+01	1.63E-01	-2.20E-02	4.28E-03

2.50E+00	-9.30E+01	-1.13E-01	-2.44E-02	8.87E-04
2.52E+00	-9.30E+01	9.63E-03	-1.22E-02	-2.51E-03
2.54E+00	-9.30E+01	4.02E-02	-2.20E-02	1.19E-02
2.56E+00	-9.30E+01	1.63E-01	-1.59E-02	-8.10E-04
2.58E+00	-9.30E+01	-1.28E-01	-1.46E-02	3.43E-03
2.60E+00	-9.30E+01	-6.68E-02	4.88E-03	-8.10E-04
2.62E+00	-9.30E+01	9.63E-03	-4.15E-02	-5.90E-03
2.64E+00	-9.30E+01	8.61E-02	-2.44E-03	9.37E-03
2.66E+00	-9.30E+01	-8.21E-02	-2.32E-02	-8.10E-04
2.68E+00	-9.30E+01	1.32E-01	2.44E-03	-2.08E-03
2.70E+00	-9.30E+01	7.08E-02	-3.05E-02	4.70E-03
2.72E+00	-9.30E+01	3.31E-01	-2.93E-02	-3.36E-03
2.74E+00	-9.30E+01	-3.62E-02	-2.20E-02	2.58E-03
2.76E+00	-9.30E+01	-8.21E-02	1.46E-02	-5.90E-03
2.78E+00	-9.30E+01	4.02E-02	-2.20E-02	6.83E-03
2.80E+00	-9.30E+01	-2.09E-02	-3.91E-02	-4.20E-03
2.82E+00	-9.30E+01	4.02E-02	-1.22E-03	-2.51E-03
2.84E+00	-9.30E+01	8.61E-02	-2.93E-02	2.58E-03
2.86E+00	-9.30E+01	-3.62E-02	1.46E-02	-3.86E-04
2.88E+00	-9.30E+01	-8.21E-02	-1.95E-02	1.74E-03
2.90E+00	-9.30E+01	9.63E-03	-1.22E-03	-8.10E-04
2.92E+00	-9.30E+01	1.01E-01	-2.93E-02	2.58E-03
2.94E+00	-9.30E+01	-1.13E-01	-1.71E-02	-7.60E-03
2.96E+00	-9.30E+01	9.63E-03	-1.22E-02	4.28E-03
2.98E+00	-9.30E+01	9.63E-03	7.32E-03	2.58E-03
3.00E+00	-9.30E+01	4.02E-02	-4.88E-03	-3.78E-03
3.02E+00	-9.30E+01	2.24E-01	-1.71E-02	8.10E-03
3.04E+00	-9.30E+01	-1.74E-01	3.66E-03	-8.10E-04
3.06E+00	-9.30E+01	4.02E-02	2.44E-03	-2.93E-03
3.08E+00	-9.30E+01	-5.66E-03	-1.22E-03	-1.23E-03
3.10E+00	-9.30E+01	1.32E-01	-7.32E-03	-3.36E-03
3.12E+00	-9.30E+01	-8.21E-02	1.22E-02	8.87E-04
3.14E+00	-9.30E+01	4.02E-02	9.77E-03	-5.05E-03
3.16E+00	-9.30E+01	1.01E-01	-1.95E-02	6.83E-03
3.18E+00	-9.30E+01	-8.21E-02	-9.77E-03	-8.02E-03
3.20E+00	-9.30E+01	4.02E-02	-4.88E-03	1.74E-03
3.22E+00	-9.30E+01	9.63E-03	-1.10E-02	-5.48E-03
3.24E+00	-9.30E+01	1.93E-01	-2.44E-02	3.84E-05
3.26E+00	-9.30E+01	-2.35E-01	-2.93E-02	-9.72E-03
3.28E+00	-9.30E+01	-1.43E-01	-1.22E-02	-5.90E-03
3.30E+00	-9.30E+01	-3.62E-02	3.66E-03	-1.66E-03
3.32E+00	-9.30E+01	1.63E-01	-3.42E-02	-8.10E-04
3.34E+00	-9.30E+01	-2.66E-01	-1.59E-02	-1.27E-02
3.36E+00	-9.30E+01	1.32E-01	-1.22E-02	3.01E-03
3.38E+00	-9.30E+01	-6.68E-02	-1.22E-02	8.87E-04
3.40E+00	-9.30E+01	4.68E-01	-1.22E-02	-1.66E-03
3.42E+00	-9.30E+01	-8.21E-02	-1.22E-02	-1.10E-02

3.44E+00	-9.30E+01	-9.74E-02	-8.54E-03	1.23E-02
3.46E+00	-9.30E+01	9.63E-03	-3.17E-02	-1.01E-02
3.48E+00	-9.30E+01	3.00E-01	-1.59E-02	7.67E-03
3.50E+00	-9.30E+01	1.01E-01	-2.32E-02	-6.32E-03
3.52E+00	-9.30E+01	1.32E-01	-2.44E-03	-1.66E-03
3.54E+00	-9.30E+01	-5.66E-03	-1.95E-02	6.83E-03
3.56E+00	-9.30E+01	9.63E-03	-1.95E-02	-5.05E-03
3.58E+00	-9.30E+01	8.61E-02	-2.08E-02	-5.05E-03
3.60E+00	-9.30E+01	-8.21E-02	-2.32E-02	-3.36E-03
3.62E+00	-9.30E+01	4.38E-01	-2.93E-02	4.28E-03
3.64E+00	-9.30E+01	-9.74E-02	-4.88E-03	8.10E-03
3.66E+00	-9.30E+01	-1.13E-01	-2.56E-02	3.43E-03
3.68E+00	-9.30E+01	2.54E-01	-2.20E-02	-5.05E-03
3.70E+00	-9.30E+01	8.61E-02	-1.10E-02	3.01E-03
3.72E+00	-9.30E+01	-1.28E-01	-1.34E-02	3.86E-03
3.74E+00	-9.30E+01	-1.28E-01	-2.69E-02	-5.05E-03
3.76E+00	-9.30E+01	1.32E-01	-4.64E-02	8.87E-04
3.78E+00	-9.30E+01	-1.28E-01	0.00E+00	-1.23E-03
3.80E+00	-9.30E+01	-2.09E-02	9.77E-03	2.58E-03
3.82E+00	-9.30E+01	4.02E-02	-3.66E-03	5.55E-03
3.84E+00	-9.30E+01	-2.09E-02	-2.44E-02	-8.10E-04
3.86E+00	-9.30E+01	4.02E-02	0.00E+00	-2.08E-03
3.88E+00	-9.30E+01	9.63E-03	-9.77E-03	8.52E-03
3.90E+00	-9.30E+01	-5.15E-02	-2.44E-03	-6.75E-03
3.92E+00	-9.30E+01	1.17E-01	-1.34E-02	8.52E-03
3.94E+00	-9.30E+01	-6.68E-02	-2.44E-02	1.74E-03
3.96E+00	-9.30E+01	1.01E-01	-4.15E-02	-5.05E-03
3.98E+00	-9.30E+01	-1.43E-01	-1.22E-02	5.98E-03
4.00E+00	-9.30E+01	-1.13E-01	-3.42E-02	3.84E-05
4.02E+00	-9.30E+01	-8.21E-02	-1.83E-02	8.87E-04
4.04E+00	-9.30E+01	-1.89E-01	-3.66E-03	6.83E-03
4.06E+00	-9.30E+01	8.61E-02	-8.54E-03	-1.66E-03
4.08E+00	-9.30E+01	-6.68E-02	-3.42E-02	1.74E-03
4.10E+00	-9.30E+01	4.02E-02	-1.22E-03	-7.60E-03
4.12E+00	-9.30E+01	-2.09E-02	-1.95E-02	6.83E-03
4.14E+00	-9.30E+01	-2.66E-01	-2.81E-02	3.84E-05
4.16E+00	-9.30E+01	-8.21E-02	7.32E-03	4.63E-04
4.18E+00	-9.30E+01	-2.66E-01	-1.46E-02	-3.86E-04
4.20E+00	-9.30E+01	2.85E-01	-7.32E-03	8.52E-03
4.22E+00	-9.30E+01	-8.21E-02	-1.22E-03	8.87E-04
4.24E+00	-9.30E+01	1.01E-01	7.32E-03	-3.86E-04
4.26E+00	-9.30E+01	1.32E-01	-1.95E-02	-6.75E-03
4.28E+00	-9.30E+01	-2.35E-01	-9.77E-03	-1.61E-02
4.30E+00	-9.30E+01	-3.62E-02	-7.32E-03	5.98E-03
4.32E+00	-9.30E+01	-1.13E-01	-2.20E-02	9.37E-03
4.34E+00	-9.30E+01	-8.21E-02	-1.95E-02	3.43E-03
4.36E+00	-9.30E+01	-4.95E-01	-1.71E-02	-1.23E-02

4.38E+00	-9.30E+01	-3.62E-02	-9.77E-03	8.87E-04
4.40E+00	-9.30E+01	-8.21E-02	-1.95E-02	5.98E-03
4.42E+00	-9.30E+01	-2.96E-01	0.00E+00	-3.36E-03
4.44E+00	-9.30E+01	-1.13E-01	-3.05E-02	9.37E-03
4.46E+00	-9.30E+01	-1.13E-01	-2.81E-02	-1.01E-02
4.48E+00	-9.30E+01	-2.09E-02	3.66E-03	3.84E-05
4.50E+00	-9.30E+01	1.01E-01	-2.44E-03	4.28E-03
4.52E+00	-9.30E+01	-6.68E-02	-1.46E-02	-2.51E-03
4.54E+00	-9.30E+01	-6.68E-02	1.10E-02	-1.66E-03
4.56E+00	-9.30E+01	-2.04E-01	-1.59E-02	4.63E-04
4.58E+00	-9.30E+01	-2.35E-01	-1.10E-02	-3.36E-03
4.60E+00	-9.30E+01	-5.15E-02	-2.20E-02	-5.48E-03
4.62E+00	-9.30E+01	1.32E-01	4.88E-03	1.74E-03
4.64E+00	-9.30E+01	-8.21E-02	-2.93E-02	4.28E-03
4.66E+00	-9.30E+01	-5.66E-03	-6.10E-03	-1.78E-02
4.68E+00	-9.30E+01	-1.13E-01	-2.69E-02	-4.20E-03
4.70E+00	-9.30E+01	1.32E-01	-3.66E-03	-4.20E-03
4.72E+00	-9.30E+01	2.49E-02	-2.56E-02	1.19E-02
4.74E+00	-9.30E+01	-1.13E-01	-1.46E-02	-5.90E-03
4.76E+00	-9.30E+01	8.61E-02	-2.20E-02	2.58E-03
4.78E+00	-9.30E+01	2.49E-02	-3.17E-02	-1.23E-03
4.80E+00	-9.30E+01	-1.43E-01	0.00E+00	-1.48E-02
4.82E+00	-9.30E+01	1.01E-01	-2.32E-02	6.83E-03
4.84E+00	-9.30E+01	-1.13E-01	-1.46E-02	-4.20E-03
4.86E+00	-9.30E+01	-5.15E-02	-8.54E-03	-2.51E-03
4.88E+00	-9.30E+01	-2.20E-01	1.22E-02	-1.66E-03
4.90E+00	-9.30E+01	-2.09E-02	0.00E+00	-5.90E-03
4.92E+00	-9.30E+01	-6.68E-02	-9.77E-03	1.31E-03
4.94E+00	-9.30E+01	-5.15E-02	-2.20E-02	-5.05E-03
4.96E+00	-9.30E+01	-5.15E-02	-2.20E-02	5.13E-03
4.98E+00	-9.30E+01	-2.66E-01	-2.69E-02	-9.29E-03
5.00E+00	-9.30E+01	-1.43E-01	-9.77E-03	7.25E-03
5.02E+00	-9.30E+01	7.08E-02	-4.64E-02	1.74E-03
5.04E+00	-9.30E+01	1.63E-01	-9.77E-03	-4.63E-03
5.06E+00	-9.30E+01	-2.09E-02	-1.10E-02	-5.48E-03
5.08E+00	-9.30E+01	-1.13E-01	-7.32E-03	8.87E-04
5.10E+00	-9.30E+01	-1.43E-01	-3.66E-03	8.87E-04
5.12E+00	-9.30E+01	2.85E-01	-1.22E-02	8.87E-04
5.14E+00	-9.30E+01	-2.35E-01	-1.71E-02	-4.20E-03
5.16E+00	-9.30E+01	2.85E-01	-4.88E-03	-1.01E-02
5.18E+00	-9.30E+01	-2.50E-01	-1.22E-02	-1.66E-03
5.20E+00	-9.30E+01	4.02E-02	-1.34E-02	8.87E-04
5.22E+00	-9.30E+01	-3.27E-01	-1.95E-02	-1.27E-02
5.24E+00	-9.30E+01	1.63E-01	-7.32E-03	2.58E-03
5.26E+00	-9.30E+01	-5.15E-02	-1.22E-02	-5.05E-03
5.28E+00	-9.30E+01	-6.68E-02	-2.44E-03	-5.90E-03
5.30E+00	-9.30E+01	1.78E-01	-1.22E-02	8.87E-04

5.32E+00	-9.30E+01	-1.13E-01	-7.32E-03	-7.60E-03
5.34E+00	-9.30E+01	4.02E-02	-2.08E-02	-3.36E-03
5.36E+00	-9.30E+01	-1.89E-01	-9.77E-03	-1.14E-02
5.38E+00	-9.30E+01	1.47E-01	-9.77E-03	-2.93E-03
5.40E+00	-9.30E+01	-8.21E-02	-2.93E-02	5.98E-03
5.42E+00	-9.30E+01	-3.88E-01	-7.32E-03	-1.78E-02
5.44E+00	-9.30E+01	2.24E-01	-1.46E-02	5.13E-03
5.46E+00	-9.30E+01	-5.15E-02	-1.95E-02	-6.32E-03
5.48E+00	-9.30E+01	-5.66E-03	6.10E-03	3.84E-05
5.50E+00	-9.30E+01	2.24E-01	-2.69E-02	5.13E-03
5.52E+00	-9.30E+01	-2.35E-01	-1.46E-02	-1.23E-02
5.54E+00	-9.30E+01	-8.21E-02	1.22E-02	4.28E-03
5.56E+00	-9.30E+01	-1.13E-01	-1.46E-02	-6.75E-03
5.58E+00	-9.30E+01	9.63E-03	-2.44E-02	1.74E-03
5.60E+00	-9.30E+01	-3.27E-01	-4.88E-03	-9.72E-03
5.62E+00	-9.30E+01	7.08E-02	-6.10E-03	8.87E-04
5.64E+00	-9.30E+01	4.02E-02	-2.93E-02	3.43E-03
5.66E+00	-9.30E+01	-2.09E-02	-9.77E-03	-8.10E-04
5.68E+00	-9.30E+01	-1.74E-01	-2.56E-02	-3.78E-03
5.70E+00	-9.30E+01	1.93E-01	-1.46E-02	-3.36E-03
5.72E+00	-9.30E+01	1.63E-01	-5.25E-02	1.11E-02
5.74E+00	-9.30E+01	-8.21E-02	-9.77E-03	-1.18E-02
5.76E+00	-9.30E+01	8.61E-02	-2.08E-02	1.02E-02
5.78E+00	-9.30E+01	-8.21E-02	-2.20E-02	-4.20E-03
5.80E+00	-9.30E+01	7.08E-02	-3.30E-02	1.74E-03
5.82E+00	-9.30E+01	7.08E-02	-1.71E-02	3.01E-03
5.84E+00	-9.30E+01	-5.15E-02	-1.46E-02	-6.32E-03
5.86E+00	-9.30E+01	1.01E-01	-7.32E-03	5.13E-03
5.88E+00	-9.30E+01	-2.04E-01	-1.22E-02	-5.05E-03
5.90E+00	-9.30E+01	4.02E-02	-6.10E-03	-5.05E-03
5.92E+00	-9.30E+01	-1.43E-01	-2.08E-02	-8.10E-04
5.94E+00	-9.30E+01	-1.28E-01	-1.95E-02	-6.32E-03
5.96E+00	-9.30E+01	4.02E-02	-2.93E-02	3.01E-03
5.98E+00	-9.30E+01	-5.66E-03	6.10E-03	3.84E-05
6.00E+00	-9.30E+01	3.77E-01	-1.22E-02	3.86E-03
6.02E+00	-9.30E+01	1.63E-01	-4.03E-02	4.63E-04
6.04E+00	-9.30E+01	1.78E-01	0.00E+00	-1.14E-02
6.06E+00	-9.30E+01	1.26E+00	-1.10E-02	-8.10E-04
6.08E+00	-9.30E+01	5.68E+00	-1.59E-02	-3.36E-03
6.10E+00	-9.30E+01	1.37E+01	-1.46E-02	-7.60E-03
6.12E+00	-9.30E+01	2.85E+01	-2.69E-02	-1.01E-02
6.14E+00	-9.30E+01	4.41E+01	-1.22E-02	-1.57E-02
6.16E+00	-9.30E+01	6.07E+01	-1.46E-02	-1.74E-02
6.18E+00	-9.30E+01	7.87E+01	2.44E-03	-2.20E-02
6.20E+00	-9.30E+01	9.82E+01	-9.77E-03	-3.39E-02
6.22E+00	-9.30E+01	1.18E+02	-1.71E-02	-2.29E-02
6.24E+00	-9.30E+01	1.39E+02	2.44E-03	-4.28E-02

6.26E+00	-9.30E+01	1.61E+02	-1.34E-02	-4.75E-02
6.28E+00	-9.30E+01	1.83E+02	-2.32E-02	-4.92E-02
6.30E+00	-9.30E+01	2.00E+02	-9.77E-03	-5.85E-02
6.32E+00	-9.30E+01	2.04E+02	-1.46E-02	-4.92E-02
6.34E+00	-9.30E+01	2.04E+02	-2.44E-02	-6.61E-02
6.36E+00	-9.30E+01	2.05E+02	-1.34E-02	-7.12E-02
6.38E+00	-9.30E+01	2.08E+02	-3.66E-03	-6.40E-02
6.40E+00	-9.30E+01	2.07E+02	0.00E+00	-8.40E-02
6.42E+00	-9.30E+01	2.07E+02	-2.69E-02	-7.67E-02
6.44E+00	-9.30E+01	2.07E+02	-3.66E-02	-8.82E-02
6.46E+00	-9.30E+01	2.06E+02	-2.20E-02	-9.80E-02
6.48E+00	-9.30E+01	2.06E+02	-9.77E-03	-1.01E-01
6.50E+00	-9.30E+01	2.05E+02	-1.22E-02	-9.33E-02
6.52E+00	-9.30E+01	2.05E+02	-1.22E-02	-1.10E-01
6.54E+00	-9.30E+01	2.05E+02	-1.83E-02	-1.14E-01
6.56E+00	-9.30E+01	2.05E+02	-3.05E-02	-1.22E-01
6.58E+00	-9.30E+01	2.04E+02	-4.88E-03	-1.26E-01
6.60E+00	-9.30E+01	2.04E+02	-1.83E-02	-1.32E-01
6.62E+00	-9.30E+01	2.04E+02	4.88E-03	-1.31E-01
6.64E+00	-9.30E+01	2.03E+02	-3.54E-02	-1.35E-01
6.66E+00	-9.30E+01	2.03E+02	-4.88E-03	-1.59E-01
6.68E+00	-9.30E+01	2.03E+02	-9.77E-03	-1.42E-01
6.70E+00	-9.30E+01	2.04E+02	-2.44E-02	-1.51E-01
6.72E+00	-9.30E+01	2.03E+02	1.22E-03	-1.70E-01
6.74E+00	-9.30E+01	2.03E+02	-2.20E-02	-1.68E-01
6.76E+00	-9.30E+01	2.03E+02	-2.44E-02	-1.82E-01
6.78E+00	-9.30E+01	2.02E+02	-2.20E-02	-1.82E-01
6.80E+00	-9.30E+01	2.03E+02	-3.66E-02	-1.94E-01
6.82E+00	-9.30E+01	2.02E+02	-3.66E-03	-2.04E-01
6.84E+00	-9.30E+01	2.02E+02	-2.44E-02	-2.09E-01
6.86E+00	-9.30E+01	2.02E+02	-2.20E-02	-2.23E-01
6.88E+00	-9.30E+01	2.02E+02	-1.71E-02	-2.11E-01
6.90E+00	-9.30E+01	2.02E+02	-2.20E-02	-2.29E-01
6.92E+00	-9.30E+01	2.01E+02	0.00E+00	-2.25E-01
6.94E+00	-9.30E+01	2.01E+02	-3.05E-02	-2.36E-01
6.96E+00	-9.30E+01	2.01E+02	9.77E-03	-2.47E-01
6.98E+00	-9.30E+01	2.01E+02	-1.71E-02	-2.43E-01
7.00E+00	-9.30E+01	2.01E+02	-9.77E-03	-2.60E-01
7.02E+00	-9.30E+01	2.01E+02	-8.54E-03	-2.65E-01
7.04E+00	-9.30E+01	2.00E+02	-1.46E-02	-2.77E-01
7.06E+00	-9.30E+01	2.01E+02	-1.59E-02	-2.83E-01
7.08E+00	-9.30E+01	2.00E+02	-9.77E-03	-2.81E-01
7.10E+00	-9.30E+01	2.01E+02	-3.17E-02	-2.88E-01
7.12E+00	-9.30E+01	2.01E+02	2.08E-02	-3.01E-01
7.14E+00	-9.30E+01	2.01E+02	-1.71E-02	-2.92E-01
7.16E+00	-9.30E+01	2.01E+02	-2.69E-02	-3.11E-01
7.18E+00	-9.30E+01	2.01E+02	-7.32E-03	-3.08E-01

7.20E+00	-9.30E+01	2.01E+02	-9.77E-03	-3.20E-01
7.22E+00	-9.30E+01	2.01E+02	-7.32E-03	-3.25E-01
7.24E+00	-9.30E+01	2.01E+02	-3.17E-02	-3.22E-01
7.26E+00	-9.30E+01	2.01E+02	-9.77E-03	-3.48E-01
7.28E+00	-9.30E+01	2.01E+02	-2.08E-02	-3.42E-01
7.30E+00	-9.30E+01	2.01E+02	-1.71E-02	-3.61E-01
7.32E+00	-9.30E+01	2.00E+02	-2.69E-02	-3.58E-01
7.34E+00	-9.30E+01	2.00E+02	-1.83E-02	-3.66E-01
7.36E+00	-9.30E+01	2.00E+02	-8.54E-03	-3.71E-01
7.38E+00	-9.30E+01	2.00E+02	-1.83E-02	-3.97E-01
7.40E+00	-9.30E+01	2.00E+02	1.22E-03	-3.87E-01
7.42E+00	-9.30E+01	2.00E+02	-2.44E-02	-3.94E-01
7.44E+00	-9.30E+01	1.99E+02	-1.71E-02	-4.08E-01
7.46E+00	-9.30E+01	1.99E+02	0.00E+00	-3.97E-01
7.48E+00	-9.30E+01	1.99E+02	-3.05E-02	-4.08E-01
7.50E+00	-9.30E+01	1.99E+02	-3.42E-02	-4.22E-01
7.52E+00	-9.30E+01	1.99E+02	-2.20E-02	-4.22E-01
7.54E+00	-9.30E+01	1.98E+02	-2.93E-02	-4.36E-01
7.56E+00	-9.30E+01	1.98E+02	-9.77E-03	-4.38E-01
7.58E+00	-9.30E+01	1.98E+02	-2.20E-02	-4.47E-01
7.60E+00	-9.30E+01	1.98E+02	-2.69E-02	-4.54E-01
7.62E+00	-9.30E+01	1.97E+02	-9.77E-03	-4.63E-01
7.64E+00	-9.30E+01	1.98E+02	-3.66E-02	-4.63E-01
7.66E+00	-9.30E+01	1.98E+02	-8.54E-03	-4.75E-01
7.68E+00	-9.30E+01	1.98E+02	-1.59E-02	-4.74E-01
7.70E+00	-9.30E+01	1.97E+02	-4.27E-02	-4.86E-01
7.72E+00	-9.30E+01	1.97E+02	7.32E-03	-4.99E-01
7.74E+00	-9.30E+01	1.97E+02	-1.71E-02	-4.95E-01
7.76E+00	-9.30E+01	1.96E+02	-3.17E-02	-4.94E-01
7.78E+00	-9.30E+01	1.96E+02	-9.77E-03	-5.15E-01
7.80E+00	-9.30E+01	1.97E+02	-2.44E-02	-5.02E-01
7.82E+00	-9.30E+01	1.96E+02	-1.59E-02	-5.31E-01
7.84E+00	-9.30E+01	1.96E+02	-2.93E-02	-5.25E-01
7.86E+00	-9.30E+01	1.96E+02	-3.91E-02	-5.39E-01
7.88E+00	-9.30E+01	1.96E+02	7.32E-03	-5.44E-01
7.90E+00	-9.30E+01	1.96E+02	-2.20E-02	-5.51E-01
7.92E+00	-9.30E+01	1.96E+02	-2.93E-02	-5.62E-01
7.94E+00	-9.30E+01	1.96E+02	-1.10E-02	-5.66E-01
7.96E+00	-9.30E+01	1.95E+02	-3.05E-02	-5.55E-01
7.98E+00	-9.30E+01	1.96E+02	-2.20E-02	-5.85E-01
8.00E+00	-9.30E+01	1.96E+02	-8.54E-03	-5.83E-01
8.02E+00	-9.30E+01	1.95E+02	-1.95E-02	-5.90E-01
8.04E+00	-9.30E+01	1.96E+02	0.00E+00	-6.02E-01
8.06E+00	-9.30E+01	1.96E+02	-1.46E-02	-6.03E-01
8.08E+00	-9.30E+01	1.96E+02	-6.10E-03	-6.08E-01
8.10E+00	-9.30E+01	1.95E+02	-2.44E-03	-6.24E-01
8.12E+00	-9.30E+01	1.96E+02	-1.46E-02	-6.34E-01

8.14E+00	-9.30E+01	1.96E+02	-2.81E-02	-6.34E-01
8.16E+00	-9.30E+01	1.95E+02	-1.71E-02	-6.40E-01
8.18E+00	-9.30E+01	1.96E+02	-1.46E-02	-6.52E-01
8.20E+00	-9.30E+01	1.96E+02	1.71E-02	-6.44E-01
8.22E+00	-9.30E+01	1.96E+02	-1.71E-02	-6.57E-01
8.24E+00	-9.30E+01	1.96E+02	-2.44E-03	-6.62E-01
8.26E+00	-9.30E+01	1.96E+02	-1.71E-02	-6.61E-01
8.28E+00	-9.30E+01	1.96E+02	-1.22E-02	-6.82E-01
8.30E+00	-9.30E+01	1.96E+02	-7.32E-03	-6.87E-01
8.32E+00	-9.30E+01	1.96E+02	-2.93E-02	-6.90E-01
8.34E+00	-9.30E+01	1.96E+02	6.10E-03	-6.95E-01
8.36E+00	-9.30E+01	1.96E+02	-1.34E-02	-6.96E-01
8.38E+00	-9.30E+01	1.96E+02	9.77E-03	-7.15E-01
8.40E+00	-9.30E+01	1.96E+02	-1.22E-02	-7.13E-01
8.42E+00	-9.30E+01	1.96E+02	-2.08E-02	-7.18E-01
8.44E+00	-9.30E+01	1.96E+02	-2.20E-02	-7.39E-01
8.46E+00	-9.30E+01	1.96E+02	-2.44E-03	-7.48E-01
8.48E+00	-9.30E+01	1.96E+02	-3.42E-02	-7.41E-01
8.50E+00	-9.30E+01	1.96E+02	-1.71E-02	-7.41E-01
8.52E+00	-9.30E+01	1.97E+02	0.00E+00	-7.53E-01
8.54E+00	-9.30E+01	1.97E+02	-4.64E-02	-7.58E-01
8.56E+00	-9.30E+01	1.97E+02	-2.44E-03	-7.75E-01
8.58E+00	-9.30E+01	1.97E+02	-5.49E-02	-7.69E-01
8.60E+00	-9.30E+01	1.97E+02	-3.17E-02	-7.92E-01
8.62E+00	-9.30E+01	1.97E+02	-1.22E-03	-7.86E-01
8.64E+00	-9.30E+01	1.97E+02	-2.44E-02	-7.89E-01
8.66E+00	-9.30E+01	1.97E+02	-1.46E-02	-7.98E-01
8.68E+00	-9.30E+01	1.97E+02	-1.46E-02	-8.28E-01
8.70E+00	-9.30E+01	1.97E+02	-2.69E-02	-8.17E-01
8.72E+00	-9.30E+01	1.97E+02	-3.42E-02	-8.23E-01
8.74E+00	-9.30E+01	1.98E+02	-1.71E-02	-8.27E-01
8.76E+00	-9.30E+01	1.97E+02	7.32E-03	-8.43E-01
8.78E+00	-9.30E+01	1.98E+02	-2.20E-02	-8.36E-01
8.80E+00	-9.30E+01	1.98E+02	-4.88E-03	-8.62E-01
8.82E+00	-9.30E+01	1.97E+02	-1.46E-02	-8.44E-01
8.84E+00	-9.30E+01	1.96E+02	-1.95E-02	-8.61E-01
8.86E+00	-9.30E+01	1.96E+02	-1.22E-03	-8.69E-01
8.88E+00	-9.30E+01	1.96E+02	-2.44E-03	-8.76E-01
8.90E+00	-9.30E+01	1.96E+02	-1.22E-02	-8.93E-01
8.92E+00	-9.30E+01	1.96E+02	-8.54E-03	-8.94E-01
8.94E+00	-9.30E+01	1.96E+02	-1.46E-02	-8.96E-01
8.96E+00	-9.30E+01	1.96E+02	-9.77E-03	-9.14E-01
8.98E+00	-9.30E+01	1.96E+02	-1.46E-02	-9.04E-01
9.00E+00	-9.30E+01	1.96E+02	-1.95E-02	-9.15E-01
9.02E+00	-9.30E+01	1.96E+02	-1.71E-02	-9.22E-01
9.04E+00	-9.30E+01	1.96E+02	-1.22E-02	-9.29E-01
9.06E+00	-9.30E+01	1.96E+02	-1.71E-02	-9.37E-01

9.08E+00	-9.30E+01	1.96E+02	-2.93E-02	-9.33E-01
9.10E+00	-9.30E+01	1.96E+02	-1.71E-02	-9.47E-01
9.12E+00	-9.30E+01	1.96E+02	2.08E-02	-9.48E-01
9.14E+00	-9.30E+01	1.96E+02	-1.83E-02	-9.62E-01
9.16E+00	-9.30E+01	1.96E+02	-3.42E-02	-9.71E-01
9.18E+00	-9.30E+01	1.96E+02	-2.20E-02	-9.75E-01
9.20E+00	-9.30E+01	1.96E+02	2.44E-03	-9.78E-01
9.22E+00	-9.30E+01	1.96E+02	-9.77E-03	-9.87E-01
9.24E+00	-9.30E+01	1.96E+02	-1.22E-02	-9.85E-01
9.26E+00	-9.30E+01	1.96E+02	-3.17E-02	-9.91E-01
9.28E+00	-9.30E+01	1.96E+02	-4.15E-02	-1.02E+00
9.30E+00	-9.30E+01	1.96E+02	-1.22E-03	-1.01E+00
9.32E+00	-9.30E+01	1.96E+02	-3.66E-02	-1.02E+00
9.34E+00	-9.30E+01	1.96E+02	-2.44E-03	-1.03E+00
9.36E+00	-9.30E+01	1.96E+02	-1.46E-02	-1.03E+00
9.38E+00	-9.30E+01	1.96E+02	-1.95E-02	-1.05E+00
9.40E+00	-9.30E+01	1.97E+02	1.46E-02	-1.05E+00
9.42E+00	-9.30E+01	1.96E+02	-1.46E-02	-1.05E+00
9.44E+00	-9.30E+01	1.96E+02	-2.69E-02	-1.06E+00
9.46E+00	-9.30E+01	1.96E+02	-1.95E-02	-1.07E+00
9.48E+00	-9.30E+01	1.96E+02	-1.95E-02	-1.07E+00
9.50E+00	-9.30E+01	1.97E+02	2.44E-03	-1.08E+00
9.52E+00	-9.30E+01	1.96E+02	-1.95E-02	-1.09E+00
9.54E+00	-9.30E+01	1.96E+02	-7.32E-03	-1.10E+00
9.56E+00	-9.30E+01	1.96E+02	-1.34E-02	-1.10E+00
9.58E+00	-9.30E+01	1.96E+02	-1.22E-02	-1.10E+00
9.60E+00	-9.30E+01	1.96E+02	-2.44E-02	-1.12E+00
9.62E+00	-9.30E+01	1.96E+02	2.44E-03	-1.12E+00
9.64E+00	-9.30E+01	1.97E+02	-1.46E-02	-1.13E+00
9.66E+00	-9.30E+01	1.96E+02	-2.20E-02	-1.14E+00
9.68E+00	-9.30E+01	1.96E+02	-7.32E-03	-1.14E+00
9.70E+00	-9.30E+01	1.96E+02	-1.22E-02	-1.14E+00
9.72E+00	-9.30E+01	1.96E+02	-1.83E-02	-1.16E+00
9.74E+00	-9.30E+01	1.97E+02	-9.77E-03	-1.15E+00
9.76E+00	-9.30E+01	1.96E+02	-1.71E-02	-1.17E+00
9.78E+00	-9.30E+01	1.96E+02	-2.81E-02	-1.18E+00
9.80E+00	-9.30E+01	1.96E+02	-4.88E-03	-1.19E+00
9.82E+00	-9.30E+01	1.96E+02	-1.22E-03	-1.18E+00
9.84E+00	-9.30E+01	1.96E+02	-3.42E-02	-1.19E+00
9.86E+00	-9.30E+01	1.96E+02	-1.46E-02	-1.20E+00
9.88E+00	-9.30E+01	1.96E+02	-1.22E-02	-1.20E+00
9.90E+00	-9.30E+01	1.96E+02	-1.95E-02	-1.21E+00
9.92E+00	-9.30E+01	1.96E+02	-2.20E-02	-1.23E+00
9.94E+00	-9.30E+01	1.96E+02	-7.32E-03	-1.22E+00
9.96E+00	-9.30E+01	1.96E+02	-2.20E-02	-1.24E+00
9.98E+00	-9.30E+01	1.96E+02	6.10E-03	-1.25E+00
1.00E+01	-9.30E+01	1.96E+02	-2.93E-02	-1.25E+00

1.00E+01	-9.30E+01	1.96E+02	-2.44E-03	-1.27E+00
1.00E+01	-9.30E+01	1.96E+02	-1.95E-02	-1.26E+00
1.01E+01	-9.30E+01	1.96E+02	-3.30E-02	-1.27E+00
1.01E+01	-9.30E+01	1.96E+02	-7.32E-03	-1.28E+00
1.01E+01	-9.30E+01	1.96E+02	-2.93E-02	-1.28E+00
1.01E+01	-9.30E+01	1.96E+02	-1.71E-02	-1.29E+00
1.01E+01	-9.30E+01	1.96E+02	-1.22E-02	-1.29E+00
1.02E+01	-9.30E+01	1.96E+02	1.22E-03	-1.30E+00
1.02E+01	-9.30E+01	1.96E+02	-1.95E-02	-1.31E+00
1.02E+01	-9.30E+01	1.96E+02	-7.32E-03	-1.31E+00
1.02E+01	-9.30E+01	1.95E+02	-2.69E-02	-1.33E+00
1.02E+01	-9.30E+01	1.95E+02	-9.77E-03	-1.34E+00
1.03E+01	-9.30E+01	1.96E+02	-2.44E-02	-1.34E+00
1.03E+01	-9.30E+01	1.96E+02	-2.69E-02	-1.35E+00
1.03E+01	-9.30E+01	1.96E+02	-3.42E-02	-1.35E+00
1.03E+01	-9.30E+01	1.96E+02	-1.71E-02	-1.35E+00
1.03E+01	-9.30E+01	1.95E+02	-1.95E-02	-1.38E+00
1.04E+01	-9.30E+01	1.95E+02	-1.46E-02	-1.37E+00
1.04E+01	-9.30E+01	1.95E+02	-2.69E-02	-1.38E+00
1.04E+01	-9.30E+01	1.96E+02	-2.08E-02	-1.38E+00
1.04E+01	-9.30E+01	1.95E+02	2.20E-02	-1.39E+00
1.04E+01	-9.30E+01	1.96E+02	-3.17E-02	-1.40E+00
1.05E+01	-9.30E+01	1.95E+02	-1.46E-02	-1.41E+00
1.05E+01	-9.30E+01	1.96E+02	-1.22E-02	-1.40E+00
1.05E+01	-9.30E+01	1.96E+02	-1.71E-02	-1.41E+00
1.05E+01	-9.30E+01	1.96E+02	-1.22E-02	-1.42E+00
1.05E+01	-9.30E+01	1.96E+02	8.54E-03	-1.43E+00
1.06E+01	-9.30E+01	1.96E+02	-2.44E-02	-1.44E+00
1.06E+01	-9.30E+01	1.96E+02	-1.46E-02	-1.43E+00
1.06E+01	-9.30E+01	1.96E+02	-3.17E-02	-1.45E+00
1.06E+01	-9.30E+01	1.96E+02	-2.44E-03	-1.47E+00
1.06E+01	-9.30E+01	1.96E+02	-1.83E-02	-1.45E+00
1.07E+01	-9.30E+01	1.96E+02	-2.69E-02	-1.47E+00
1.07E+01	-9.30E+01	1.96E+02	-1.22E-02	-1.48E+00
1.07E+01	-9.30E+01	1.96E+02	-3.17E-02	-1.47E+00
1.07E+01	-9.30E+01	1.96E+02	-1.95E-02	-1.49E+00
1.07E+01	-9.30E+01	1.96E+02	-1.22E-03	-1.49E+00
1.08E+01	-9.30E+01	1.96E+02	-3.30E-02	-1.50E+00
1.08E+01	-9.30E+01	1.96E+02	-5.13E-02	-1.52E+00
1.08E+01	-9.30E+01	1.96E+02	-8.54E-03	-1.51E+00
1.08E+01	-9.30E+01	1.96E+02	-3.91E-02	-1.53E+00
1.08E+01	-9.30E+01	1.96E+02	0.00E+00	-1.54E+00
1.09E+01	-9.30E+01	1.96E+02	-2.08E-02	-1.54E+00
1.09E+01	-9.30E+01	1.96E+02	-1.71E-02	-1.55E+00
1.09E+01	-9.30E+01	1.96E+02	0.00E+00	-1.55E+00
1.09E+01	-9.30E+01	1.96E+02	-2.44E-02	-1.55E+00
1.09E+01	-9.30E+01	1.96E+02	-1.10E-02	-1.57E+00

1.10E+01	-9.30E+01	1.96E+02	-1.22E-02	-1.57E+00
1.10E+01	-9.30E+01	1.96E+02	-2.44E-02	-1.58E+00
1.10E+01	-9.30E+01	1.96E+02	-4.88E-03	-1.59E+00
1.10E+01	-9.30E+01	1.96E+02	-2.93E-02	-1.59E+00
1.10E+01	-9.30E+01	1.96E+02	-2.69E-02	-1.60E+00
1.11E+01	-9.30E+01	1.96E+02	1.22E-02	-1.61E+00
1.11E+01	-9.30E+01	1.96E+02	-1.95E-02	-1.61E+00
1.11E+01	-9.30E+01	1.96E+02	-1.59E-02	-1.61E+00
1.11E+01	-9.30E+01	1.95E+02	-1.46E-02	-1.63E+00
1.11E+01	-9.30E+01	1.96E+02	0.00E+00	-1.63E+00
1.12E+01	-9.30E+01	1.96E+02	-8.54E-03	-1.64E+00
1.12E+01	-9.30E+01	1.96E+02	-9.77E-03	-1.63E+00
1.12E+01	-9.30E+01	1.95E+02	-2.93E-02	-1.65E+00
1.12E+01	-9.30E+01	1.95E+02	-6.10E-03	-1.67E+00
1.12E+01	-9.30E+01	1.95E+02	-3.66E-02	-1.65E+00
1.13E+01	-9.30E+01	1.95E+02	-1.46E-02	-1.68E+00
1.13E+01	-9.30E+01	1.95E+02	-4.88E-03	-1.68E+00
1.13E+01	-9.30E+01	1.95E+02	-1.10E-02	-1.67E+00
1.13E+01	-9.30E+01	1.95E+02	-1.95E-02	-1.70E+00
1.13E+01	-9.30E+01	1.95E+02	-9.77E-03	-1.70E+00
1.14E+01	-9.30E+01	1.95E+02	-2.56E-02	-1.70E+00
1.14E+01	-9.30E+01	1.95E+02	-2.08E-02	-1.71E+00
1.14E+01	-9.30E+01	1.95E+02	-1.10E-02	-1.70E+00
1.14E+01	-9.30E+01	1.95E+02	-1.59E-02	-1.73E+00
1.14E+01	-9.30E+01	1.95E+02	1.10E-02	-1.73E+00
1.15E+01	-9.30E+01	1.95E+02	-1.95E-02	-1.73E+00
1.15E+01	-9.30E+01	1.95E+02	-1.22E-02	-1.75E+00
1.15E+01	-9.30E+01	1.95E+02	-2.44E-03	-1.76E+00
1.15E+01	-9.30E+01	1.95E+02	-3.05E-02	-1.75E+00
1.15E+01	-9.30E+01	1.95E+02	-2.20E-02	-1.77E+00
1.16E+01	-9.30E+01	1.95E+02	-1.95E-02	-1.77E+00
1.16E+01	-9.30E+01	1.95E+02	-2.44E-02	-1.77E+00
1.16E+01	-9.30E+01	1.95E+02	-1.34E-02	-1.78E+00
1.16E+01	-9.30E+01	1.95E+02	-1.34E-02	-1.79E+00
1.16E+01	-9.30E+01	1.95E+02	-4.88E-02	-1.79E+00
1.17E+01	-9.30E+01	1.94E+02	-8.54E-03	-1.81E+00
1.17E+01	-9.30E+01	1.95E+02	-1.71E-02	-1.82E+00
1.17E+01	-9.30E+01	1.94E+02	-1.95E-02	-1.81E+00
1.17E+01	-9.30E+01	1.94E+02	-1.46E-02	-1.83E+00
1.17E+01	-9.30E+01	1.94E+02	-9.77E-03	-1.84E+00
1.18E+01	-9.30E+01	1.95E+02	-3.42E-02	-1.84E+00
1.18E+01	-9.30E+01	1.94E+02	-3.91E-02	-1.85E+00
1.18E+01	-9.30E+01	1.94E+02	7.32E-03	-1.85E+00
1.18E+01	-9.30E+01	1.94E+02	-3.17E-02	-1.86E+00
1.18E+01	-9.30E+01	1.95E+02	-2.69E-02	-1.87E+00
1.19E+01	-9.30E+01	1.94E+02	-9.77E-03	-1.87E+00
1.19E+01	-9.30E+01	1.95E+02	-4.15E-02	-1.88E+00

1.19E+01	-9.30E+01	1.94E+02	-1.71E-02	-1.89E+00
1.19E+01	-9.30E+01	1.94E+02	-6.10E-03	-1.91E+00
1.19E+01	-9.30E+01	1.94E+02	-1.59E-02	-1.90E+00
1.20E+01	-9.30E+01	1.94E+02	-3.42E-02	-1.90E+00
1.20E+01	-9.30E+01	1.94E+02	-9.77E-03	-1.92E+00
1.20E+01	-9.30E+01	1.94E+02	-4.76E-02	-1.92E+00
1.20E+01	-9.30E+01	1.94E+02	-2.44E-02	-1.93E+00
1.20E+01	-9.30E+01	1.94E+02	-2.44E-03	-1.93E+00
1.21E+01	-9.30E+01	1.94E+02	-1.71E-02	-1.94E+00
1.21E+01	-9.30E+01	1.94E+02	-5.37E-02	-1.96E+00
1.21E+01	-9.30E+01	1.94E+02	2.44E-03	-1.95E+00
1.21E+01	-9.30E+01	1.94E+02	-7.32E-03	-1.96E+00
1.21E+01	-9.30E+01	1.94E+02	-2.20E-02	-1.98E+00
1.22E+01	-9.30E+01	1.94E+02	-2.20E-02	-1.95E+00
1.22E+01	-9.30E+01	1.94E+02	-2.44E-02	-1.98E+00
1.22E+01	-9.30E+01	1.94E+02	-1.34E-02	-1.99E+00
1.22E+01	-9.30E+01	1.94E+02	-1.71E-02	-1.99E+00
1.22E+01	-9.30E+01	1.94E+02	-2.20E-02	-1.99E+00
1.23E+01	-9.30E+01	1.94E+02	-7.32E-03	-2.00E+00
1.23E+01	-9.30E+01	1.94E+02	-1.71E-02	-2.01E+00
1.23E+01	-9.30E+01	1.94E+02	-1.22E-02	-2.02E+00
1.23E+01	-9.30E+01	1.94E+02	-2.44E-02	-2.02E+00
1.23E+01	-9.30E+01	1.94E+02	-2.69E-02	-2.03E+00
1.24E+01	-9.30E+01	1.94E+02	-7.32E-03	-2.05E+00
1.24E+01	-9.30E+01	1.93E+02	-2.20E-02	-2.04E+00
1.24E+01	-9.30E+01	1.94E+02	-2.44E-02	-2.06E+00
1.24E+01	-9.30E+01	1.94E+02	-3.91E-02	-2.06E+00
1.24E+01	-9.30E+01	1.94E+02	-9.77E-03	-2.07E+00
1.25E+01	-9.30E+01	1.94E+02	-1.34E-02	-2.06E+00
1.25E+01	-9.30E+01	1.93E+02	-1.46E-02	-2.08E+00
1.25E+01	-9.30E+01	1.94E+02	-3.42E-02	-2.09E+00
1.25E+01	-9.30E+01	1.93E+02	-1.95E-02	-2.09E+00
1.25E+01	-9.30E+01	1.93E+02	-1.83E-02	-2.12E+00
1.26E+01	-9.30E+01	1.94E+02	-1.22E-03	-2.11E+00
1.26E+01	-9.30E+01	1.94E+02	8.54E-03	-2.12E+00
1.26E+01	-9.30E+01	1.93E+02	-2.69E-02	-2.13E+00
1.26E+01	-9.30E+01	1.93E+02	-1.95E-02	-2.11E+00
1.26E+01	-9.30E+01	1.93E+02	-1.95E-02	-2.14E+00
1.27E+01	-9.30E+01	1.93E+02	2.44E-03	-2.15E+00
1.27E+01	-9.30E+01	1.93E+02	-1.34E-02	-2.14E+00
1.27E+01	-9.30E+01	1.93E+02	-3.91E-02	-2.15E+00
1.27E+01	-9.30E+01	1.93E+02	-1.10E-02	-2.16E+00
1.27E+01	-9.30E+01	1.93E+02	-1.10E-02	-2.18E+00
1.28E+01	-9.30E+01	1.93E+02	-4.88E-02	-2.18E+00
1.28E+01	-9.30E+01	1.93E+02	-1.95E-02	-2.18E+00
1.28E+01	-9.30E+01	1.93E+02	-4.88E-03	-2.20E+00
1.28E+01	-9.30E+01	1.93E+02	-1.71E-02	-2.18E+00

1.28E+01	-9.30E+01	1.93E+02	-1.71E-02	-2.21E+00
1.29E+01	-9.30E+01	1.93E+02	-1.46E-02	-2.21E+00
1.29E+01	-9.30E+01	1.93E+02	-1.22E-03	-2.21E+00
1.29E+01	-9.30E+01	1.93E+02	-9.77E-03	-2.22E+00
1.29E+01	-9.30E+01	1.93E+02	-1.22E-02	-2.22E+00
1.29E+01	-9.30E+01	1.93E+02	-2.44E-02	-2.24E+00
1.30E+01	-9.30E+01	1.93E+02	-3.66E-03	-2.25E+00
1.30E+01	-9.30E+01	1.93E+02	-1.22E-02	-2.24E+00
1.30E+01	-9.30E+01	1.93E+02	-2.69E-02	-2.27E+00
1.30E+01	-9.30E+01	1.93E+02	-9.77E-03	-2.26E+00
1.30E+01	-9.30E+01	1.93E+02	-3.30E-02	-2.28E+00
1.31E+01	-9.30E+01	1.93E+02	-1.71E-02	-2.28E+00
1.31E+01	-9.30E+01	1.94E+02	-1.95E-02	-2.28E+00
1.31E+01	-9.30E+01	1.94E+02	-2.32E-02	-2.29E+00
1.31E+01	-9.30E+01	1.94E+02	-1.83E-02	-2.30E+00
1.31E+01	-9.30E+01	1.94E+02	-9.77E-03	-2.30E+00
1.32E+01	-9.30E+01	1.94E+02	-2.32E-02	-2.31E+00
1.32E+01	-9.30E+01	1.93E+02	-1.95E-02	-2.32E+00
1.32E+01	-9.30E+01	1.94E+02	-9.77E-03	-2.32E+00
1.32E+01	-9.30E+01	1.94E+02	-1.46E-02	-2.32E+00
1.32E+01	-9.30E+01	1.93E+02	-3.17E-02	-2.34E+00
1.33E+01	-9.30E+01	1.93E+02	-4.88E-03	-2.35E+00
1.33E+01	-9.30E+01	1.93E+02	-1.10E-02	-2.35E+00
1.33E+01	-9.30E+01	1.93E+02	-2.44E-02	-2.36E+00
1.33E+01	-9.30E+01	1.93E+02	2.44E-03	-2.36E+00
1.33E+01	-9.30E+01	1.93E+02	-2.44E-03	-2.36E+00
1.34E+01	-9.30E+01	1.93E+02	-2.20E-02	-2.38E+00
1.34E+01	-9.30E+01	1.93E+02	-1.22E-02	-2.37E+00
1.34E+01	-9.30E+01	1.93E+02	-4.52E-02	-2.38E+00
1.34E+01	-9.30E+01	1.93E+02	-1.83E-02	-2.40E+00
1.34E+01	-9.30E+01	1.93E+02	-1.22E-02	-2.39E+00
1.35E+01	-9.30E+01	1.93E+02	-2.32E-02	-2.41E+00
1.35E+01	-9.30E+01	1.93E+02	-4.88E-03	-2.42E+00
1.35E+01	-9.30E+01	1.93E+02	8.54E-03	-2.42E+00
1.35E+01	-9.30E+01	1.93E+02	-2.69E-02	-2.43E+00
1.35E+01	-9.30E+01	1.93E+02	-1.95E-02	-2.44E+00
1.36E+01	-9.30E+01	1.93E+02	-2.08E-02	-2.44E+00
1.36E+01	-9.30E+01	1.93E+02	-1.10E-02	-2.46E+00
1.36E+01	-9.30E+01	1.93E+02	-9.77E-03	-2.46E+00
1.36E+01	-9.30E+01	1.93E+02	9.77E-03	-2.46E+00
1.36E+01	-9.30E+01	1.93E+02	-2.56E-02	-2.46E+00
1.37E+01	-9.30E+01	1.93E+02	-9.77E-03	-2.48E+00
1.37E+01	-9.30E+01	1.93E+02	-3.05E-02	-2.48E+00
1.37E+01	-9.30E+01	1.93E+02	-3.66E-02	-2.48E+00
1.37E+01	-9.30E+01	1.93E+02	-1.46E-02	-2.50E+00
1.37E+01	-9.30E+01	1.93E+02	-9.77E-03	-2.49E+00
1.38E+01	-9.30E+01	1.93E+02	-3.05E-02	-2.51E+00

1.38E+01	-9.30E+01	1.93E+02	0.00E+00	-2.52E+00
1.38E+01	-9.30E+01	1.93E+02	1.22E-02	-2.52E+00
1.38E+01	-9.30E+01	1.93E+02	-2.20E-02	-2.53E+00
1.38E+01	-9.30E+01	1.93E+02	-1.22E-02	-2.53E+00
1.39E+01	-9.30E+01	1.93E+02	-1.46E-02	-2.54E+00
1.39E+01	-9.30E+01	1.93E+02	-1.95E-02	-2.55E+00
1.39E+01	-9.30E+01	1.93E+02	-1.95E-02	-2.57E+00
1.39E+01	-9.30E+01	1.93E+02	-4.39E-02	-2.56E+00
1.39E+01	-9.30E+01	1.93E+02	-1.71E-02	-2.58E+00
1.40E+01	-9.30E+01	1.93E+02	-1.34E-02	-2.59E+00
1.40E+01	-9.30E+01	1.93E+02	-9.77E-03	-2.59E+00
1.40E+01	-9.30E+01	1.93E+02	-2.08E-02	-2.59E+00
1.40E+01	-9.30E+01	1.93E+02	-1.46E-02	-2.61E+00
1.40E+01	-9.30E+01	1.93E+02	-1.46E-02	-2.61E+00
1.41E+01	-9.30E+01	1.93E+02	-1.95E-02	-2.61E+00
1.41E+01	-9.30E+01	1.93E+02	0.00E+00	-2.62E+00
1.41E+01	-9.30E+01	1.93E+02	-1.71E-02	-2.62E+00
1.41E+01	-9.30E+01	1.93E+02	-2.56E-02	-2.64E+00
1.41E+01	-9.30E+01	1.93E+02	-1.10E-02	-2.65E+00
1.42E+01	-9.30E+01	1.94E+02	-2.44E-02	-2.65E+00
1.42E+01	-9.30E+01	1.93E+02	-1.95E-02	-2.65E+00
1.42E+01	-9.30E+01	1.93E+02	-4.03E-02	-2.67E+00
1.42E+01	-9.30E+01	1.93E+02	3.66E-03	-2.67E+00
1.42E+01	-9.30E+01	1.94E+02	-2.93E-02	-2.67E+00
1.43E+01	-9.30E+01	1.94E+02	-2.20E-02	-2.68E+00
1.43E+01	-9.30E+01	1.94E+02	-3.66E-02	-2.69E+00
1.43E+01	-9.30E+01	1.94E+02	-1.10E-02	-2.69E+00
1.43E+01	-9.30E+01	1.94E+02	-7.32E-03	-2.71E+00
1.43E+01	-9.30E+01	1.94E+02	-1.95E-02	-2.71E+00
1.44E+01	-9.30E+01	1.94E+02	0.00E+00	-2.72E+00
1.44E+01	-9.30E+01	1.94E+02	-3.42E-02	-2.72E+00
1.44E+01	-9.30E+01	1.94E+02	0.00E+00	-2.74E+00
1.44E+01	-9.30E+01	1.94E+02	-1.46E-02	-2.73E+00
1.44E+01	-9.30E+01	1.94E+02	-4.15E-02	-2.74E+00
1.45E+01	-9.30E+01	1.94E+02	-1.46E-02	-2.75E+00
1.45E+01	-9.30E+01	1.94E+02	-1.95E-02	-2.75E+00
1.45E+01	-9.30E+01	1.94E+02	4.88E-03	-2.76E+00
1.45E+01	-9.30E+01	1.94E+02	0.00E+00	-2.77E+00
1.45E+01	-9.30E+01	1.94E+02	-2.32E-02	-2.77E+00
1.46E+01	-9.30E+01	1.94E+02	-3.54E-02	-2.79E+00
1.46E+01	-9.30E+01	1.94E+02	-2.69E-02	-2.79E+00
1.46E+01	-9.30E+01	1.94E+02	-2.32E-02	-2.79E+00
1.46E+01	-9.30E+01	1.94E+02	-1.95E-02	-2.80E+00
1.46E+01	-9.30E+01	1.94E+02	-1.95E-02	-2.80E+00
1.47E+01	-9.30E+01	1.95E+02	-4.64E-02	-2.82E+00
1.47E+01	-9.30E+01	1.94E+02	-1.34E-02	-2.83E+00
1.47E+01	-9.30E+01	1.95E+02	-1.22E-02	-2.83E+00

1.47E+01	-9.30E+01	1.94E+02	-1.95E-02	-2.84E+00
1.47E+01	-9.30E+01	1.94E+02	-1.46E-02	-2.85E+00
1.48E+01	-9.30E+01	1.95E+02	-7.32E-03	-2.85E+00
1.48E+01	-9.30E+01	1.95E+02	-9.77E-03	-2.85E+00
1.48E+01	-9.30E+01	1.95E+02	-1.71E-02	-2.86E+00
1.48E+01	-9.30E+01	1.95E+02	6.10E-03	-2.87E+00
1.48E+01	-9.30E+01	1.95E+02	-2.69E-02	-2.87E+00
1.49E+01	-9.30E+01	1.94E+02	-7.32E-03	-2.88E+00
1.49E+01	-9.30E+01	1.95E+02	-7.32E-03	-2.89E+00
1.49E+01	-9.30E+01	1.95E+02	-4.03E-02	-2.89E+00
1.49E+01	-9.30E+01	1.95E+02	-1.22E-02	-2.91E+00
1.49E+01	-9.30E+01	1.95E+02	-1.46E-02	-2.89E+00
1.50E+01	-9.30E+01	1.95E+02	-3.17E-02	-2.92E+00
1.50E+01	-9.30E+01	1.95E+02	4.88E-03	-2.93E+00
1.50E+01	-9.30E+01	1.95E+02	-1.95E-02	-2.92E+00
1.50E+01	-9.30E+01	1.95E+02	-1.83E-02	-2.93E+00
1.50E+01	-9.30E+01	1.95E+02	-8.54E-03	-2.94E+00
1.51E+01	-9.30E+01	1.95E+02	-1.71E-02	-2.95E+00
1.51E+01	-9.30E+01	1.95E+02	2.44E-03	-2.95E+00
1.51E+01	-9.30E+01	1.95E+02	-3.17E-02	-2.96E+00
1.51E+01	-9.30E+01	1.95E+02	-9.77E-03	-2.97E+00
1.51E+01	-9.30E+01	1.95E+02	-3.17E-02	-2.98E+00
1.52E+01	-9.30E+01	1.95E+02	-1.46E-02	-2.99E+00
1.52E+01	-9.30E+01	1.95E+02	-8.54E-03	-2.99E+00
1.52E+01	-9.30E+01	1.95E+02	-1.71E-02	-3.00E+00
1.52E+01	-9.30E+01	1.95E+02	-4.88E-03	-3.01E+00
1.52E+01	-9.30E+01	1.95E+02	-1.46E-02	-3.03E+00
1.53E+01	-9.30E+01	1.95E+02	-1.83E-02	-3.01E+00
1.53E+01	-9.30E+01	1.95E+02	-1.71E-02	-3.03E+00
1.53E+01	-9.30E+01	1.95E+02	-1.46E-02	-3.03E+00
1.53E+01	-9.30E+01	1.95E+02	9.77E-03	-3.04E+00
1.53E+01	-9.30E+01	1.95E+02	-2.56E-02	-3.05E+00
1.54E+01	-9.30E+01	1.95E+02	-1.34E-02	-3.05E+00
1.54E+01	-9.30E+01	1.95E+02	-1.83E-02	-3.05E+00
1.54E+01	-9.30E+01	1.95E+02	-1.59E-02	-3.07E+00
1.54E+01	-9.30E+01	1.96E+02	-7.32E-03	-3.08E+00
1.54E+01	-9.30E+01	1.96E+02	-1.83E-02	-3.07E+00
1.55E+01	-9.30E+01	1.95E+02	-2.20E-02	-3.09E+00
1.55E+01	-9.30E+01	1.95E+02	-3.17E-02	-3.09E+00
1.55E+01	-9.30E+01	1.95E+02	-2.81E-02	-3.10E+00
1.55E+01	-9.30E+01	1.95E+02	-1.34E-02	-3.11E+00
1.55E+01	-9.30E+01	1.96E+02	-1.83E-02	-3.11E+00
1.56E+01	-9.30E+01	1.95E+02	-2.20E-02	-3.12E+00
1.56E+01	-9.30E+01	1.95E+02	-9.77E-03	-3.13E+00
1.56E+01	-9.30E+01	1.96E+02	-2.81E-02	-3.12E+00
1.56E+01	-9.30E+01	1.95E+02	-2.44E-02	-3.15E+00
1.56E+01	-9.30E+01	1.96E+02	-1.71E-02	-3.15E+00

1.57E+01	-9.30E+01	1.96E+02	-4.52E-02	-3.15E+00
1.57E+01	-9.30E+01	1.96E+02	-2.44E-02	-3.16E+00
1.57E+01	-9.30E+01	1.95E+02	-2.32E-02	-3.17E+00
1.57E+01	-9.30E+01	1.95E+02	-1.83E-02	-3.18E+00
1.57E+01	-9.30E+01	1.96E+02	-4.15E-02	-3.18E+00
1.58E+01	-9.30E+01	1.95E+02	-1.71E-02	-3.19E+00
1.58E+01	-9.30E+01	1.95E+02	-2.08E-02	-3.19E+00
1.58E+01	-9.30E+01	1.96E+02	-1.71E-02	-3.20E+00
1.58E+01	-9.30E+01	1.95E+02	8.54E-03	-3.20E+00
1.58E+01	-9.30E+01	1.95E+02	-2.93E-02	-3.22E+00
1.59E+01	-9.30E+01	1.95E+02	-4.88E-03	-3.24E+00
1.59E+01	-9.30E+01	1.95E+02	-2.44E-02	-3.22E+00
1.59E+01	-9.30E+01	1.95E+02	-6.10E-03	-3.23E+00
1.59E+01	-9.30E+01	1.96E+02	-8.54E-03	-3.24E+00
1.59E+01	-9.30E+01	1.96E+02	-3.54E-02	-3.25E+00
1.60E+01	-9.30E+01	1.96E+02	-1.71E-02	-3.26E+00
1.60E+01	-9.30E+01	1.96E+02	-1.71E-02	-3.26E+00
1.60E+01	-9.30E+01	1.96E+02	-1.46E-02	-3.27E+00
1.60E+01	-9.30E+01	1.96E+02	-4.27E-02	-3.27E+00
1.60E+01	-9.30E+01	1.96E+02	-1.22E-02	-3.29E+00
1.61E+01	-9.30E+01	1.96E+02	-2.08E-02	-3.28E+00
1.61E+01	-9.30E+01	1.96E+02	-2.81E-02	-3.30E+00
1.61E+01	-9.30E+01	1.96E+02	-2.44E-03	-3.30E+00
1.61E+01	-9.30E+01	1.96E+02	-6.10E-03	-3.30E+00
1.61E+01	-9.30E+01	1.96E+02	-7.32E-03	-3.32E+00
1.62E+01	-9.30E+01	1.96E+02	-7.32E-03	-3.33E+00
1.62E+01	-9.30E+01	1.96E+02	-4.03E-02	-3.32E+00
1.62E+01	-9.30E+01	1.96E+02	-1.71E-02	-3.34E+00
1.62E+01	-9.30E+01	1.96E+02	-1.34E-02	-3.35E+00
1.62E+01	-9.30E+01	1.96E+02	-4.88E-03	-3.35E+00
1.63E+01	-9.30E+01	1.96E+02	-2.20E-02	-3.35E+00
1.63E+01	-9.30E+01	1.96E+02	1.46E-02	-3.37E+00
1.63E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.37E+00
1.63E+01	-9.30E+01	1.96E+02	-3.17E-02	-3.37E+00
1.63E+01	-9.30E+01	1.96E+02	-1.22E-02	-3.39E+00
1.64E+01	-9.30E+01	1.97E+02	-3.78E-02	-3.38E+00
1.64E+01	-9.30E+01	1.96E+02	-2.20E-02	-3.40E+00
1.64E+01	-9.30E+01	1.96E+02	4.88E-03	-3.41E+00
1.64E+01	-9.30E+01	1.97E+02	-2.44E-02	-3.41E+00
1.64E+01	-9.30E+01	1.97E+02	-1.95E-02	-3.43E+00
1.65E+01	-9.30E+01	1.97E+02	2.44E-02	-3.42E+00
1.65E+01	-9.30E+01	1.97E+02	-2.93E-02	-3.43E+00
1.65E+01	-9.30E+01	1.97E+02	-1.83E-02	-3.47E+00
1.65E+01	-9.30E+01	1.97E+02	2.44E-03	-3.44E+00
1.65E+01	-9.30E+01	1.96E+02	-4.88E-02	-3.45E+00
1.66E+01	-9.30E+01	1.97E+02	-7.32E-03	-3.47E+00
1.66E+01	-9.30E+01	1.98E+02	-1.46E-02	-3.47E+00

1.66E+01	-9.30E+01	1.97E+02	-1.95E-02	-3.48E+00
1.66E+01	-9.30E+01	1.97E+02	1.46E-02	-3.48E+00
1.66E+01	-9.30E+01	1.97E+02	-2.44E-02	-3.49E+00
1.67E+01	-9.30E+01	1.97E+02	-2.44E-02	-3.51E+00
1.67E+01	-9.30E+01	1.97E+02	-1.71E-02	-3.50E+00
1.67E+01	-9.30E+01	1.97E+02	-2.32E-02	-3.51E+00
1.67E+01	-9.30E+01	1.97E+02	-2.44E-02	-3.51E+00
1.67E+01	-9.30E+01	1.97E+02	-2.93E-02	-3.53E+00
1.68E+01	-9.30E+01	1.97E+02	-2.44E-03	-3.53E+00
1.68E+01	-9.30E+01	1.97E+02	-2.93E-02	-3.53E+00
1.68E+01	-9.30E+01	1.97E+02	-2.08E-02	-3.55E+00
1.68E+01	-9.30E+01	1.97E+02	-1.46E-02	-3.54E+00
1.68E+01	-9.30E+01	1.97E+02	-2.69E-02	-3.55E+00
1.69E+01	-9.30E+01	1.97E+02	-1.22E-02	-3.56E+00
1.69E+01	-9.30E+01	1.97E+02	-1.34E-02	-3.56E+00
1.69E+01	-9.30E+01	1.97E+02	-2.44E-02	-3.58E+00
1.69E+01	-9.30E+01	1.97E+02	1.95E-02	-3.59E+00
1.69E+01	-9.30E+01	1.97E+02	-1.95E-02	-3.58E+00
1.70E+01	-9.30E+01	1.97E+02	-6.10E-03	-3.60E+00
1.70E+01	-9.30E+01	1.97E+02	-1.59E-02	-3.61E+00
1.70E+01	-9.30E+01	1.97E+02	-2.69E-02	-3.61E+00
1.70E+01	-9.30E+01	1.97E+02	-1.22E-02	-3.62E+00
1.70E+01	-9.30E+01	1.97E+02	1.22E-03	-3.62E+00
1.71E+01	-9.30E+01	1.97E+02	-1.71E-02	-3.62E+00
1.71E+01	-9.30E+01	1.97E+02	-1.95E-02	-3.64E+00
1.71E+01	-9.30E+01	1.97E+02	-1.46E-02	-3.64E+00
1.71E+01	-9.30E+01	1.97E+02	-2.08E-02	-3.65E+00
1.71E+01	-9.30E+01	1.97E+02	-2.08E-02	-3.66E+00
1.72E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.67E+00
1.72E+01	-9.30E+01	1.97E+02	-2.08E-02	-3.66E+00
1.72E+01	-9.30E+01	1.97E+02	-1.22E-02	-3.68E+00
1.72E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.68E+00
1.72E+01	-9.30E+01	1.97E+02	-2.44E-02	-3.68E+00
1.73E+01	-9.30E+01	1.97E+02	-2.93E-02	-3.70E+00
1.73E+01	-9.30E+01	1.97E+02	-1.95E-02	-3.70E+00
1.73E+01	-9.30E+01	1.97E+02	-2.81E-02	-3.71E+00
1.73E+01	-9.30E+01	1.97E+02	-2.69E-02	-3.72E+00
1.73E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.74E+00
1.74E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.73E+00
1.74E+01	-9.30E+01	1.97E+02	4.88E-03	-3.74E+00
1.74E+01	-9.30E+01	1.97E+02	-1.22E-02	-3.75E+00
1.74E+01	-9.30E+01	1.97E+02	-1.22E-02	-3.74E+00
1.74E+01	-9.30E+01	1.97E+02	-2.93E-02	-3.76E+00
1.75E+01	-9.30E+01	1.97E+02	-8.54E-03	-3.77E+00
1.75E+01	-9.30E+01	1.97E+02	-5.49E-02	-3.77E+00
1.75E+01	-9.30E+01	1.97E+02	-2.20E-02	-3.78E+00
1.75E+01	-9.30E+01	1.97E+02	-2.44E-03	-3.79E+00

1.75E+01	-9.30E+01	1.97E+02	-3.17E-02	-3.79E+00
1.76E+01	-9.30E+01	1.97E+02	-1.22E-02	-3.80E+00
1.76E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.80E+00
1.76E+01	-9.30E+01	1.98E+02	-3.91E-02	-3.80E+00
1.76E+01	-9.30E+01	1.97E+02	-1.46E-02	-3.82E+00
1.76E+01	-9.30E+01	1.97E+02	-4.88E-02	-3.83E+00
1.77E+01	-9.30E+01	1.98E+02	-4.88E-03	-3.84E+00
1.77E+01	-9.30E+01	1.98E+02	-2.69E-02	-3.83E+00
1.77E+01	-9.30E+01	1.97E+02	-1.46E-02	-3.85E+00
1.77E+01	-9.30E+01	1.98E+02	-3.91E-02	-3.85E+00
1.77E+01	-9.30E+01	1.97E+02	-2.69E-02	-3.86E+00
1.78E+01	-9.30E+01	1.97E+02	-2.20E-02	-3.86E+00
1.78E+01	-9.30E+01	1.98E+02	-1.22E-02	-3.87E+00
1.78E+01	-9.30E+01	1.98E+02	-1.22E-02	-3.88E+00
1.78E+01	-9.30E+01	1.98E+02	-3.17E-02	-3.89E+00
1.78E+01	-9.30E+01	1.98E+02	-1.71E-02	-3.89E+00
1.79E+01	-9.30E+01	1.98E+02	-1.71E-02	-3.90E+00
1.79E+01	-9.30E+01	1.98E+02	-1.95E-02	-3.91E+00
1.79E+01	-9.30E+01	1.98E+02	2.44E-03	-3.91E+00
1.79E+01	-9.30E+01	1.98E+02	-1.95E-02	-3.91E+00
1.79E+01	-9.30E+01	1.98E+02	-9.77E-03	-3.93E+00
1.80E+01	-9.30E+01	1.98E+02	-2.20E-02	-3.94E+00
1.80E+01	-9.30E+01	1.98E+02	-4.03E-02	-3.94E+00
1.80E+01	-9.30E+01	1.98E+02	-2.69E-02	-3.94E+00
1.80E+01	-9.30E+01	1.98E+02	-2.93E-02	-3.97E+00
1.80E+01	-9.30E+01	1.98E+02	-4.88E-03	-3.96E+00
1.81E+01	-9.30E+01	1.98E+02	-1.22E-02	-3.97E+00
1.81E+01	-9.30E+01	1.98E+02	-2.44E-02	-3.98E+00
1.81E+01	-9.30E+01	1.98E+02	-1.22E-02	-3.97E+00
1.81E+01	-9.30E+01	1.98E+02	-3.17E-02	-3.99E+00
1.81E+01	-9.30E+01	1.98E+02	-1.83E-02	-4.00E+00
1.82E+01	-9.30E+01	1.98E+02	-2.20E-02	-4.00E+00
1.82E+01	-9.30E+01	1.98E+02	-2.93E-02	-4.01E+00
1.82E+01	-9.30E+01	1.98E+02	-2.32E-02	-4.01E+00
1.82E+01	-9.30E+01	1.98E+02	-1.22E-02	-4.02E+00
1.82E+01	-9.30E+01	1.98E+02	-9.77E-03	-4.03E+00
1.83E+01	-9.30E+01	1.98E+02	-1.71E-02	-4.04E+00
1.83E+01	-9.30E+01	1.98E+02	-2.44E-03	-4.04E+00
1.83E+01	-9.30E+01	1.98E+02	-2.20E-02	-4.06E+00
1.83E+01	-9.30E+01	1.98E+02	-4.15E-02	-4.06E+00
1.83E+01	-9.30E+01	1.98E+02	-3.42E-02	-4.06E+00
1.84E+01	-9.30E+01	1.98E+02	-1.95E-02	-4.07E+00
1.84E+01	-9.30E+01	1.98E+02	-1.46E-02	-4.08E+00
1.84E+01	-9.30E+01	1.98E+02	-4.52E-02	-4.08E+00
1.84E+01	-9.30E+01	1.98E+02	-4.88E-03	-4.09E+00
1.84E+01	-9.30E+01	1.98E+02	-9.77E-03	-4.11E+00
1.85E+01	-9.30E+01	1.98E+02	-2.44E-02	-4.11E+00

1.85E+01	-9.30E+01	1.98E+02	-2.56E-02	-4.11E+00
1.85E+01	-9.30E+01	1.98E+02	-2.93E-02	-4.12E+00
1.85E+01	-9.30E+01	1.98E+02	-2.20E-02	-4.12E+00
1.85E+01	-9.30E+01	1.98E+02	-1.95E-02	-4.13E+00
1.86E+01	-9.30E+01	1.98E+02	-1.71E-02	-4.14E+00
1.86E+01	-9.30E+01	1.98E+02	-1.46E-02	-4.15E+00
1.86E+01	-9.30E+01	1.98E+02	-1.46E-02	-4.14E+00
1.86E+01	-9.30E+01	1.98E+02	-3.54E-02	-4.17E+00
1.86E+01	-9.30E+01	1.98E+02	-1.22E-02	-4.17E+00
1.87E+01	-9.30E+01	1.98E+02	-1.83E-02	-4.16E+00
1.87E+01	-9.30E+01	1.98E+02	-3.05E-02	-4.18E+00
1.87E+01	-9.30E+01	1.98E+02	-9.77E-03	-4.19E+00
1.87E+01	-9.30E+01	1.98E+02	-1.59E-02	-4.19E+00
1.87E+01	-9.30E+01	1.99E+02	-4.15E-02	-4.19E+00
1.88E+01	-9.30E+01	1.99E+02	-2.69E-02	-4.21E+00
1.88E+01	-9.30E+01	1.99E+02	1.22E-03	-4.22E+00
1.88E+01	-9.30E+01	1.99E+02	-2.08E-02	-4.22E+00
1.88E+01	-9.30E+01	1.99E+02	-1.83E-02	-4.24E+00
1.88E+01	-9.30E+01	1.99E+02	-3.17E-02	-4.23E+00
1.89E+01	-9.30E+01	1.99E+02	-7.32E-03	-4.24E+00
1.89E+01	-9.30E+01	1.98E+02	-1.71E-02	-4.25E+00
1.89E+01	-9.30E+01	1.99E+02	-1.95E-02	-4.26E+00
1.89E+01	-9.30E+01	1.99E+02	-4.88E-03	-4.26E+00
1.89E+01	-9.30E+01	1.99E+02	-1.83E-02	-4.27E+00
1.90E+01	-9.30E+01	1.98E+02	-1.71E-02	-4.28E+00
1.90E+01	-9.30E+01	1.99E+02	-1.46E-02	-4.28E+00
1.90E+01	-9.30E+01	1.99E+02	-2.20E-02	-4.29E+00
1.90E+01	-9.30E+01	1.99E+02	-2.44E-02	-4.29E+00
1.90E+01	-9.30E+01	1.99E+02	-2.20E-02	-4.30E+00
1.91E+01	-9.30E+01	1.99E+02	-4.15E-02	-4.31E+00
1.91E+01	-9.30E+01	1.99E+02	-4.88E-03	-4.32E+00
1.91E+01	-9.30E+01	1.99E+02	-2.08E-02	-4.32E+00
1.91E+01	-9.30E+01	1.99E+02	-1.34E-02	-4.33E+00
1.91E+01	-9.30E+01	1.99E+02	1.95E-02	-4.34E+00
1.92E+01	-9.30E+01	1.99E+02	-2.93E-02	-4.34E+00
1.92E+01	-9.30E+01	1.99E+02	-2.81E-02	-4.35E+00
1.92E+01	-9.30E+01	1.99E+02	-2.20E-02	-4.36E+00
1.92E+01	-9.30E+01	2.00E+02	-5.13E-02	-4.37E+00
1.92E+01	-9.30E+01	2.00E+02	-1.71E-02	-4.37E+00
1.93E+01	-9.30E+01	1.99E+02	-2.44E-02	-4.38E+00
1.93E+01	-9.30E+01	1.99E+02	-7.32E-03	-4.39E+00
1.93E+01	-9.30E+01	2.00E+02	-2.69E-02	-4.38E+00
1.93E+01	-9.30E+01	2.00E+02	-1.71E-02	-4.39E+00
1.93E+01	-9.30E+01	2.00E+02	-1.71E-02	-4.41E+00
1.94E+01	-9.30E+01	2.00E+02	-2.44E-02	-4.41E+00
1.94E+01	-9.30E+01	2.00E+02	-2.20E-02	-4.42E+00
1.94E+01	-9.30E+01	2.00E+02	-1.95E-02	-4.42E+00

1.94E+01	-9.30E+01	2.00E+02	-1.22E-02	-4.43E+00
1.94E+01	-9.30E+01	2.00E+02	-6.10E-03	-4.44E+00
1.95E+01	-9.30E+01	2.00E+02	-1.71E-02	-4.44E+00
1.95E+01	-9.30E+01	2.00E+02	-1.22E-02	-4.44E+00
1.95E+01	-9.30E+01	2.00E+02	-1.10E-02	-4.46E+00
1.95E+01	-9.30E+01	2.00E+02	-2.08E-02	-4.47E+00
1.95E+01	-9.30E+01	2.00E+02	-9.77E-03	-4.48E+00
1.96E+01	-9.30E+01	2.01E+02	-2.08E-02	-4.47E+00
1.96E+01	-9.30E+01	2.00E+02	-2.81E-02	-4.48E+00
1.96E+01	-9.30E+01	2.01E+02	0.00E+00	-4.49E+00
1.96E+01	-9.30E+01	2.01E+02	-1.83E-02	-4.50E+00
1.96E+01	-9.30E+01	2.01E+02	-1.22E-02	-4.50E+00
1.97E+01	-9.30E+01	2.01E+02	-6.10E-02	-4.51E+00
1.97E+01	-9.30E+01	2.01E+02	-8.54E-03	-4.52E+00
1.97E+01	-9.30E+01	2.01E+02	-2.56E-02	-4.51E+00
1.97E+01	-9.30E+01	2.01E+02	-1.95E-02	-4.54E+00
1.97E+01	-9.30E+01	2.01E+02	-2.20E-02	-4.54E+00
1.98E+01	-9.30E+01	2.01E+02	-2.44E-02	-4.54E+00
1.98E+01	-9.30E+01	2.01E+02	-2.44E-02	-4.56E+00
1.98E+01	-9.30E+01	2.01E+02	-4.88E-03	-4.56E+00
1.98E+01	-9.30E+01	2.01E+02	-1.34E-02	-4.56E+00
1.98E+01	-9.30E+01	2.00E+02	-1.95E-02	-4.58E+00
1.99E+01	-9.30E+01	2.00E+02	-2.20E-02	-4.59E+00
1.99E+01	-9.30E+01	2.01E+02	0.00E+00	-4.59E+00
1.99E+01	-9.30E+01	2.01E+02	-1.83E-02	-4.59E+00
1.99E+01	-9.30E+01	2.01E+02	-2.56E-02	-4.59E+00
1.99E+01	-9.30E+01	2.00E+02	-1.46E-02	-4.61E+00
2.00E+01	-9.30E+01	2.00E+02	-2.20E-02	-4.62E+00
2.00E+01	-9.30E+01	2.01E+02	-1.95E-02	-4.62E+00
2.00E+01	-9.30E+01	2.00E+02	-1.83E-02	-4.63E+00
2.00E+01	-9.30E+01	2.01E+02	-2.44E-03	-4.64E+00
2.00E+01	-9.30E+01	2.01E+02	-1.95E-02	-4.64E+00
2.01E+01	-9.30E+01	2.01E+02	9.77E-03	-4.65E+00
2.01E+01	-9.30E+01	2.01E+02	-4.88E-03	-4.65E+00
2.01E+01	-9.30E+01	2.00E+02	-3.91E-02	-4.67E+00
2.01E+01	-9.30E+01	2.00E+02	-2.32E-02	-4.67E+00
2.01E+01	-9.30E+01	2.00E+02	-1.46E-02	-4.68E+00
2.02E+01	-9.30E+01	2.00E+02	-1.22E-02	-4.68E+00
2.02E+01	-9.30E+01	2.00E+02	-2.20E-02	-4.69E+00
2.02E+01	-9.30E+01	2.00E+02	-7.32E-03	-4.70E+00
2.02E+01	-9.30E+01	2.01E+02	-1.95E-02	-4.71E+00
2.02E+01	-9.30E+01	2.00E+02	-8.54E-03	-4.71E+00
2.03E+01	-9.30E+01	2.00E+02	-2.69E-02	-4.72E+00
2.03E+01	-9.30E+01	2.00E+02	-2.69E-02	-4.73E+00
2.03E+01	-9.30E+01	2.01E+02	-1.22E-02	-4.72E+00
2.03E+01	-9.30E+01	2.00E+02	-1.95E-02	-4.75E+00
2.03E+01	-9.30E+01	2.00E+02	-8.54E-03	-4.75E+00

2.04E+01	-9.30E+01	2.00E+02	-1.22E-02	-4.77E+00
2.04E+01	-9.30E+01	2.00E+02	-1.83E-02	-4.75E+00
2.04E+01	-9.30E+01	2.00E+02	-3.17E-02	-4.77E+00
2.04E+01	-9.30E+01	2.00E+02	-7.32E-03	-4.78E+00
2.04E+01	-9.30E+01	2.00E+02	-7.32E-03	-4.78E+00
2.05E+01	-9.30E+01	2.00E+02	-2.32E-02	-4.79E+00
2.05E+01	-9.30E+01	2.00E+02	-9.77E-03	-4.79E+00
2.05E+01	-9.30E+01	2.00E+02	2.44E-03	-4.80E+00
2.05E+01	-9.30E+01	2.00E+02	-1.95E-02	-4.80E+00
2.05E+01	-9.30E+01	2.00E+02	-2.44E-03	-4.81E+00
2.06E+01	-9.30E+01	2.00E+02	-4.88E-03	-4.82E+00
2.06E+01	-9.30E+01	2.00E+02	-2.20E-02	-4.82E+00
2.06E+01	-9.30E+01	2.00E+02	-1.71E-02	-4.84E+00
2.06E+01	-9.30E+01	2.00E+02	2.44E-03	-4.84E+00
2.06E+01	-9.30E+01	2.00E+02	-2.44E-02	-4.85E+00
2.07E+01	-9.30E+01	1.99E+02	-9.77E-03	-4.86E+00
2.07E+01	-9.30E+01	2.00E+02	-4.88E-03	-4.86E+00
2.07E+01	-9.30E+01	1.99E+02	-1.95E-02	-4.87E+00
2.07E+01	-9.30E+01	1.99E+02	-9.77E-03	-4.87E+00
2.07E+01	-9.30E+01	1.99E+02	-1.46E-02	-4.89E+00
2.08E+01	-9.30E+01	2.00E+02	1.71E-02	-4.89E+00
2.08E+01	-9.30E+01	1.99E+02	-2.44E-02	-4.90E+00
2.08E+01	-9.30E+01	1.99E+02	-1.22E-02	-4.89E+00
2.08E+01	-9.30E+01	2.00E+02	-9.77E-03	-4.90E+00
2.08E+01	-9.30E+01	1.99E+02	-3.91E-02	-4.91E+00
2.09E+01	-9.30E+01	2.00E+02	-1.46E-02	-4.92E+00
2.09E+01	-9.30E+01	1.99E+02	2.44E-03	-4.93E+00
2.09E+01	-9.30E+01	1.99E+02	-3.17E-02	-4.93E+00
2.09E+01	-9.30E+01	1.99E+02	-2.32E-02	-4.94E+00
2.09E+01	-9.30E+01	1.99E+02	-1.71E-02	-4.95E+00
2.10E+01	-9.30E+01	1.99E+02	-2.44E-02	-4.95E+00
2.10E+01	-9.30E+01	1.99E+02	-1.22E-03	-4.97E+00
2.10E+01	-9.30E+01	1.99E+02	-1.22E-02	-4.97E+00
2.10E+01	-9.30E+01	1.99E+02	-2.08E-02	-4.98E+00
2.10E+01	-9.30E+01	1.99E+02	-1.10E-02	-4.99E+00
2.11E+01	-9.30E+01	1.99E+02	-9.77E-03	-4.99E+00
2.11E+01	-9.30E+01	1.99E+02	-3.17E-02	-5.00E+00
2.11E+01	-9.30E+01	1.99E+02	-1.59E-02	-5.00E+00
2.11E+01	-9.30E+01	1.99E+02	-3.30E-02	-5.01E+00
2.11E+01	-9.30E+01	1.99E+02	-2.44E-02	-5.02E+00
2.12E+01	-9.30E+01	1.99E+02	-2.56E-02	-5.02E+00
2.12E+01	-9.30E+01	1.99E+02	-9.77E-03	-5.04E+00
2.12E+01	-9.30E+01	1.99E+02	-3.30E-02	-5.04E+00
2.12E+01	-9.30E+01	1.99E+02	-2.93E-02	-5.04E+00
2.12E+01	-9.30E+01	1.99E+02	0.00E+00	-5.06E+00
2.13E+01	-9.30E+01	1.99E+02	-2.93E-02	-5.05E+00
2.13E+01	-9.30E+01	1.99E+02	-1.95E-02	-5.06E+00

2.13E+01	-9.30E+01	1.98E+02	-1.95E-02	-5.06E+00
2.13E+01	-9.30E+01	1.99E+02	-1.34E-02	-5.09E+00
2.13E+01	-9.30E+01	1.99E+02	-3.66E-02	-5.08E+00
2.14E+01	-9.30E+01	1.99E+02	-3.17E-02	-5.09E+00
2.14E+01	-9.30E+01	1.99E+02	2.44E-03	-5.10E+00
2.14E+01	-9.30E+01	1.99E+02	-1.71E-02	-5.10E+00
2.14E+01	-9.30E+01	1.98E+02	-7.32E-03	-5.13E+00
2.14E+01	-9.30E+01	1.98E+02	-9.77E-03	-5.12E+00
2.15E+01	-9.30E+01	1.99E+02	-1.83E-02	-5.12E+00
2.15E+01	-9.30E+01	1.98E+02	4.88E-03	-5.13E+00
2.15E+01	-9.30E+01	1.99E+02	-1.71E-02	-5.14E+00
2.15E+01	-9.30E+01	1.99E+02	-1.71E-02	-5.15E+00
2.15E+01	-9.30E+01	1.99E+02	-7.32E-03	-5.16E+00
2.16E+01	-9.30E+01	1.98E+02	-1.46E-02	-5.16E+00
2.16E+01	-9.30E+01	1.99E+02	-1.46E-02	-5.17E+00
2.16E+01	-9.30E+01	1.98E+02	-1.46E-02	-5.17E+00
2.16E+01	-9.30E+01	1.99E+02	-7.32E-03	-5.18E+00
2.16E+01	-9.30E+01	1.99E+02	-1.10E-02	-5.19E+00
2.17E+01	-9.30E+01	1.98E+02	-2.20E-02	-5.19E+00
2.17E+01	-9.30E+01	1.99E+02	-2.08E-02	-5.20E+00
2.17E+01	-9.30E+01	1.99E+02	-1.22E-03	-5.21E+00
2.17E+01	-9.30E+01	1.99E+02	-1.95E-02	-5.21E+00
2.17E+01	-9.30E+01	1.98E+02	-4.88E-02	-5.21E+00
2.18E+01	-9.30E+01	1.99E+02	-8.54E-03	-5.23E+00
2.18E+01	-9.30E+01	1.99E+02	-2.44E-02	-5.24E+00
2.18E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.24E+00
2.18E+01	-9.30E+01	1.99E+02	-1.22E-02	-5.25E+00
2.18E+01	-9.30E+01	1.99E+02	-9.77E-03	-5.26E+00
2.19E+01	-9.30E+01	1.99E+02	-4.88E-03	-5.25E+00
2.19E+01	-9.30E+01	1.99E+02	2.44E-03	-5.27E+00
2.19E+01	-9.30E+01	1.99E+02	-1.10E-02	-5.28E+00
2.19E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.28E+00
2.19E+01	-9.30E+01	1.99E+02	-1.95E-02	-5.29E+00
2.20E+01	-9.30E+01	1.99E+02	-3.66E-03	-5.30E+00
2.20E+01	-9.30E+01	1.98E+02	-9.77E-03	-5.31E+00
2.20E+01	-9.30E+01	1.99E+02	-1.71E-02	-5.30E+00
2.20E+01	-9.30E+01	1.99E+02	7.32E-03	-5.32E+00
2.20E+01	-9.30E+01	1.99E+02	-1.71E-02	-5.32E+00
2.21E+01	-9.30E+01	1.99E+02	-1.46E-02	-5.33E+00
2.21E+01	-9.30E+01	1.99E+02	-2.44E-02	-5.33E+00
2.21E+01	-9.30E+01	1.99E+02	-2.44E-03	-5.35E+00
2.21E+01	-9.30E+01	1.99E+02	-3.66E-03	-5.36E+00
2.21E+01	-9.30E+01	1.99E+02	-9.77E-03	-5.36E+00
2.22E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.37E+00
2.22E+01	-9.30E+01	1.99E+02	-2.93E-02	-5.37E+00
2.22E+01	-9.30E+01	1.99E+02	-7.32E-03	-5.38E+00
2.22E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.39E+00

2.22E+01	-9.30E+01	1.99E+02	-4.39E-02	-5.40E+00
2.23E+01	-9.30E+01	1.99E+02	6.10E-03	-5.40E+00
2.23E+01	-9.30E+01	1.99E+02	-9.77E-03	-5.40E+00
2.23E+01	-9.30E+01	1.99E+02	-2.69E-02	-5.42E+00
2.23E+01	-9.30E+01	1.99E+02	-8.54E-03	-5.41E+00
2.23E+01	-9.30E+01	1.99E+02	-1.83E-02	-5.43E+00
2.24E+01	-9.30E+01	1.99E+02	-2.08E-02	-5.43E+00
2.24E+01	-9.30E+01	1.99E+02	-1.46E-02	-5.45E+00
2.24E+01	-9.30E+01	1.99E+02	-1.34E-02	-5.46E+00
2.24E+01	-9.30E+01	1.99E+02	-3.30E-02	-5.45E+00
2.24E+01	-9.30E+01	1.99E+02	-2.32E-02	-5.47E+00
2.25E+01	-9.30E+01	1.99E+02	-6.10E-03	-5.46E+00
2.25E+01	-9.30E+01	1.99E+02	-3.42E-02	-5.47E+00
2.25E+01	-9.30E+01	1.99E+02	9.77E-03	-5.48E+00
2.25E+01	-9.30E+01	1.99E+02	-1.71E-02	-5.49E+00
2.25E+01	-9.30E+01	1.99E+02	-1.95E-02	-5.48E+00
2.26E+01	-9.30E+01	1.99E+02	-2.93E-02	-5.50E+00
2.26E+01	-9.30E+01	1.99E+02	7.32E-03	-5.51E+00
2.26E+01	-9.30E+01	1.99E+02	-1.10E-02	-5.51E+00
2.26E+01	-9.30E+01	1.99E+02	-1.95E-02	-5.52E+00
2.26E+01	-9.30E+01	1.98E+02	-3.05E-02	-5.53E+00
2.27E+01	-9.30E+01	1.99E+02	-1.46E-02	-5.53E+00
2.27E+01	-9.30E+01	1.98E+02	-2.69E-02	-5.53E+00
2.27E+01	-9.30E+01	1.98E+02	-2.69E-02	-5.55E+00
2.27E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.56E+00
2.27E+01	-9.30E+01	1.98E+02	-1.22E-02	-5.56E+00
2.28E+01	-9.30E+01	1.98E+02	-2.93E-02	-5.59E+00
2.28E+01	-9.30E+01	1.99E+02	-4.88E-03	-5.58E+00
2.28E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.58E+00
2.28E+01	-9.30E+01	1.98E+02	-2.20E-02	-5.59E+00
2.28E+01	-9.30E+01	1.98E+02	-1.59E-02	-5.60E+00
2.29E+01	-9.30E+01	1.98E+02	2.08E-02	-5.61E+00
2.29E+01	-9.30E+01	1.98E+02	-1.95E-02	-5.61E+00
2.29E+01	-9.30E+01	1.98E+02	-1.46E-02	-5.62E+00
2.29E+01	-9.30E+01	1.98E+02	-1.95E-02	-5.63E+00
2.29E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.63E+00
2.30E+01	-9.30E+01	1.98E+02	-2.32E-02	-5.63E+00
2.30E+01	-9.30E+01	1.98E+02	-1.95E-02	-5.65E+00
2.30E+01	-9.30E+01	1.98E+02	2.32E-02	-5.66E+00
2.30E+01	-9.30E+01	1.98E+02	-1.22E-02	-5.67E+00
2.30E+01	-9.30E+01	1.98E+02	-1.71E-02	-5.66E+00
2.31E+01	-9.30E+01	1.98E+02	-2.32E-02	-5.68E+00
2.31E+01	-9.30E+01	1.98E+02	-1.95E-02	-5.69E+00
2.31E+01	-9.30E+01	1.98E+02	-1.95E-02	-5.69E+00
2.31E+01	-9.30E+01	1.98E+02	-4.88E-02	-5.70E+00
2.31E+01	-9.30E+01	1.98E+02	-2.08E-02	-5.71E+00
2.32E+01	-9.30E+01	1.98E+02	-1.71E-02	-5.71E+00

2.32E+01	-9.30E+01	1.98E+02	-1.95E-02	-5.71E+00
2.32E+01	-9.30E+01	1.98E+02	-2.20E-02	-5.72E+00
2.32E+01	-9.30E+01	1.98E+02	2.08E-02	-5.73E+00
2.32E+01	-9.30E+01	1.98E+02	-2.20E-02	-5.74E+00
2.33E+01	-9.30E+01	1.98E+02	-2.81E-02	-5.76E+00
2.33E+01	-9.30E+01	1.98E+02	-2.08E-02	-5.75E+00
2.33E+01	-9.30E+01	1.98E+02	-1.59E-02	-5.76E+00
2.33E+01	-9.30E+01	1.98E+02	-2.32E-02	-5.76E+00
2.33E+01	-9.30E+01	1.98E+02	-7.32E-03	-5.78E+00
2.34E+01	-9.30E+01	1.98E+02	-6.10E-03	-5.77E+00
2.34E+01	-9.30E+01	1.98E+02	-2.81E-02	-5.78E+00
2.34E+01	-9.30E+01	1.98E+02	-2.44E-03	-5.79E+00
2.34E+01	-9.30E+01	1.98E+02	-1.71E-02	-5.81E+00
2.34E+01	-9.30E+01	1.98E+02	6.10E-03	-5.81E+00
2.35E+01	-9.30E+01	1.98E+02	-2.44E-02	-5.81E+00
2.35E+01	-9.30E+01	1.98E+02	-3.05E-02	-5.81E+00
2.35E+01	-9.30E+01	1.98E+02	-2.08E-02	-5.83E+00
2.35E+01	-9.30E+01	1.97E+02	0.00E+00	-5.84E+00
2.35E+01	-9.30E+01	1.98E+02	-9.77E-03	-5.84E+00
2.36E+01	-9.30E+01	1.97E+02	-1.83E-02	-5.86E+00
2.36E+01	-9.30E+01	1.98E+02	-2.44E-02	-5.87E+00
2.36E+01	-9.30E+01	1.97E+02	-1.83E-02	-5.86E+00
2.36E+01	-9.30E+01	1.98E+02	-2.08E-02	-5.88E+00
2.36E+01	-9.30E+01	1.97E+02	-1.95E-02	-5.88E+00
2.37E+01	-9.30E+01	1.98E+02	-7.32E-03	-5.88E+00
2.37E+01	-9.30E+01	1.98E+02	-2.56E-02	-5.89E+00
2.37E+01	-9.30E+01	1.98E+02	-7.32E-03	-5.90E+00
2.37E+01	-9.30E+01	1.97E+02	-1.71E-02	-5.90E+00
2.37E+01	-9.30E+01	1.97E+02	-1.59E-02	-5.91E+00
2.38E+01	-9.30E+01	1.97E+02	-2.32E-02	-5.90E+00
2.38E+01	-9.30E+01	1.97E+02	-1.46E-02	-5.93E+00
2.38E+01	-9.30E+01	1.97E+02	-2.69E-02	-5.93E+00
2.38E+01	-9.30E+01	1.97E+02	-2.93E-02	-5.94E+00
2.38E+01	-9.30E+01	1.97E+02	-1.34E-02	-5.95E+00
2.39E+01	-9.30E+01	1.98E+02	-1.34E-02	-5.96E+00
2.39E+01	-9.30E+01	1.97E+02	-2.93E-02	-5.96E+00
2.39E+01	-9.30E+01	1.97E+02	-2.44E-02	-5.98E+00
2.39E+01	-9.30E+01	1.97E+02	-7.32E-03	-5.98E+00
2.39E+01	-9.30E+01	1.98E+02	-2.69E-02	-5.98E+00
2.40E+01	-9.30E+01	1.97E+02	-2.56E-02	-5.99E+00
2.40E+01	-9.30E+01	1.97E+02	-1.22E-02	-6.00E+00
2.40E+01	-9.30E+01	1.97E+02	-2.20E-02	-6.01E+00
2.40E+01	-9.30E+01	1.97E+02	-1.95E-02	-6.01E+00
2.40E+01	-9.30E+01	1.97E+02	-3.17E-02	-6.01E+00
2.41E+01	-9.30E+01	1.97E+02	-2.20E-02	-6.02E+00
2.41E+01	-9.30E+01	1.97E+02	-4.52E-02	-6.03E+00
2.41E+01	-9.30E+01	1.97E+02	-1.95E-02	-6.03E+00

2.41E+01	-9.30E+01	1.97E+02	-1.59E-02	-6.03E+00
2.41E+01	-9.30E+01	1.97E+02	-2.44E-02	-6.05E+00
2.42E+01	-9.30E+01	1.97E+02	-1.71E-02	-6.07E+00
2.42E+01	-9.30E+01	1.97E+02	-3.54E-02	-6.06E+00
2.42E+01	-9.30E+01	1.97E+02	-1.46E-02	-6.08E+00
2.42E+01	-9.30E+01	1.97E+02	-1.22E-02	-6.08E+00
2.42E+01	-9.30E+01	1.97E+02	-1.83E-02	-6.09E+00
2.43E+01	-9.30E+01	1.97E+02	-2.08E-02	-6.09E+00
2.43E+01	-9.30E+01	1.97E+02	-9.77E-03	-6.11E+00
2.43E+01	-9.30E+01	1.97E+02	-1.83E-02	-6.10E+00
2.43E+01	-9.30E+01	1.97E+02	-3.42E-02	-6.11E+00
2.43E+01	-9.30E+01	1.97E+02	2.44E-02	-6.11E+00
2.44E+01	-9.30E+01	1.97E+02	-9.77E-03	-6.12E+00
2.44E+01	-9.30E+01	1.97E+02	-2.44E-02	-6.15E+00
2.44E+01	-9.30E+01	1.97E+02	-2.20E-02	-6.14E+00
2.44E+01	-9.30E+01	1.97E+02	-4.15E-02	-6.15E+00
2.44E+01	-9.30E+01	1.97E+02	-1.71E-02	-6.15E+00
2.45E+01	-9.30E+01	1.97E+02	-2.44E-02	-6.16E+00
2.45E+01	-9.30E+01	1.97E+02	-2.44E-03	-6.17E+00
2.45E+01	-9.30E+01	1.97E+02	-2.20E-02	-6.17E+00
2.45E+01	-9.30E+01	1.97E+02	2.44E-03	-6.19E+00
2.45E+01	-9.30E+01	1.97E+02	0.00E+00	-6.19E+00
2.46E+01	-9.30E+01	1.97E+02	-6.10E-02	-6.19E+00
2.46E+01	-9.30E+01	1.97E+02	-1.83E-02	-6.21E+00
2.46E+01	-9.30E+01	1.97E+02	-2.44E-03	-6.21E+00
2.46E+01	-9.30E+01	1.97E+02	-1.71E-02	-6.22E+00
2.46E+01	-9.30E+01	1.97E+02	-1.46E-02	-6.22E+00
2.47E+01	-9.30E+01	1.97E+02	-1.95E-02	-6.24E+00
2.47E+01	-9.30E+01	1.97E+02	-1.46E-02	-6.24E+00
2.47E+01	-9.30E+01	1.97E+02	-4.39E-02	-6.24E+00
2.47E+01	-9.30E+01	1.97E+02	-2.20E-02	-6.25E+00
2.47E+01	-9.30E+01	1.97E+02	-1.22E-02	-6.26E+00
2.48E+01	-9.30E+01	1.97E+02	-7.32E-03	-6.26E+00
2.48E+01	-9.30E+01	1.97E+02	-1.71E-02	-6.27E+00
2.48E+01	-9.30E+01	1.97E+02	-1.71E-02	-6.29E+00
2.48E+01	-9.30E+01	1.97E+02	-1.46E-02	-6.29E+00
2.48E+01	-9.30E+01	1.97E+02	2.44E-03	-6.29E+00
2.49E+01	-9.30E+01	1.97E+02	-2.32E-02	-6.30E+00
2.49E+01	-9.30E+01	1.97E+02	-1.22E-02	-6.31E+00
2.49E+01	-9.30E+01	1.97E+02	-2.44E-02	-6.31E+00
2.49E+01	-9.30E+01	1.98E+02	-1.46E-02	-6.32E+00
2.49E+01	-9.30E+01	1.97E+02	-1.22E-02	-6.33E+00
2.50E+01	-9.30E+01	1.98E+02	-1.46E-02	-6.32E+00
2.50E+01	-9.30E+01	1.98E+02	-1.71E-02	-6.34E+00
2.50E+01	-9.30E+01	1.97E+02	-3.66E-02	-6.34E+00
2.50E+01	-9.30E+01	1.98E+02	-1.22E-02	-6.36E+00
2.50E+01	-9.30E+01	1.98E+02	-7.32E-03	-6.36E+00

2.51E+01	-9.30E+01	1.98E+02	-1.59E-02	-6.37E+00
2.51E+01	-9.30E+01	1.97E+02	-8.54E-03	-6.38E+00
2.51E+01	-9.30E+01	1.98E+02	-1.34E-02	-6.39E+00
2.51E+01	-9.30E+01	1.98E+02	-1.71E-02	-6.39E+00
2.51E+01	-9.30E+01	1.98E+02	-3.17E-02	-6.38E+00
2.52E+01	-9.30E+01	1.97E+02	-1.46E-02	-6.41E+00
2.52E+01	-9.30E+01	1.98E+02	-1.22E-02	-6.41E+00
2.52E+01	-9.30E+01	1.98E+02	-7.32E-03	-6.42E+00
2.52E+01	-9.30E+01	1.98E+02	-3.66E-02	-6.44E+00
2.52E+01	-9.30E+01	1.98E+02	-1.59E-02	-6.44E+00
2.53E+01	-9.30E+01	1.98E+02	-1.22E-02	-6.43E+00
2.53E+01	-9.30E+01	1.98E+02	-3.05E-02	-6.45E+00
2.53E+01	-9.30E+01	1.98E+02	-1.71E-02	-6.45E+00
2.53E+01	-9.30E+01	1.98E+02	-2.08E-02	-6.46E+00
2.53E+01	-9.30E+01	1.98E+02	-9.77E-03	-6.47E+00
2.54E+01	-9.30E+01	1.98E+02	-2.81E-02	-6.47E+00
2.54E+01	-9.30E+01	1.98E+02	-9.77E-03	-6.48E+00
2.54E+01	-9.30E+01	1.98E+02	-1.10E-02	-6.49E+00
2.54E+01	-9.30E+01	1.98E+02	-1.34E-02	-6.50E+00
2.54E+01	-9.30E+01	1.98E+02	-3.66E-02	-6.50E+00
2.55E+01	-9.30E+01	1.98E+02	-7.32E-03	-6.51E+00
2.55E+01	-9.30E+01	1.98E+02	-1.71E-02	-6.51E+00
2.55E+01	-9.30E+01	1.98E+02	-2.20E-02	-6.52E+00
2.55E+01	-9.30E+01	1.98E+02	-2.69E-02	-6.53E+00
2.55E+01	-9.30E+01	1.98E+02	-1.34E-02	-6.55E+00
2.56E+01	-9.30E+01	1.98E+02	-9.77E-03	-6.54E+00
2.56E+01	-9.30E+01	1.98E+02	-1.83E-02	-6.54E+00
2.56E+01	-9.30E+01	1.98E+02	-3.30E-02	-6.55E+00
2.56E+01	-9.30E+01	1.98E+02	-1.46E-02	-6.57E+00
2.56E+01	-9.30E+01	1.98E+02	-9.77E-03	-6.57E+00
2.57E+01	-9.30E+01	1.98E+02	-2.93E-02	-6.58E+00
2.57E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.58E+00
2.57E+01	-9.30E+01	1.98E+02	-1.95E-02	-6.60E+00
2.57E+01	-9.30E+01	1.98E+02	-4.88E-03	-6.60E+00
2.57E+01	-9.30E+01	1.98E+02	-2.56E-02	-6.61E+00
2.58E+01	-9.30E+01	1.98E+02	-4.15E-02	-6.61E+00
2.58E+01	-9.30E+01	1.98E+02	-1.95E-02	-6.62E+00
2.58E+01	-9.30E+01	1.98E+02	4.88E-03	-6.62E+00
2.58E+01	-9.30E+01	1.99E+02	-1.95E-02	-6.63E+00
2.58E+01	-9.30E+01	1.99E+02	-4.88E-03	-6.65E+00
2.59E+01	-9.30E+01	1.99E+02	-2.20E-02	-6.64E+00
2.59E+01	-9.30E+01	1.99E+02	-1.95E-02	-6.66E+00
2.59E+01	-9.30E+01	1.99E+02	-2.44E-03	-6.66E+00
2.59E+01	-9.30E+01	1.99E+02	-1.95E-02	-6.67E+00
2.59E+01	-9.30E+01	1.98E+02	-1.22E-02	-6.68E+00
2.60E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.69E+00
2.60E+01	-9.30E+01	1.99E+02	-9.77E-03	-6.69E+00

2.60E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.70E+00
2.60E+01	-9.30E+01	1.99E+02	-2.08E-02	-6.70E+00
2.60E+01	-9.30E+01	1.99E+02	1.71E-02	-6.72E+00
2.61E+01	-9.30E+01	1.99E+02	-1.71E-02	-6.72E+00
2.61E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.74E+00
2.61E+01	-9.30E+01	1.99E+02	-2.44E-03	-6.73E+00
2.61E+01	-9.30E+01	1.99E+02	-1.95E-02	-6.72E+00
2.61E+01	-9.30E+01	1.99E+02	-1.34E-02	-6.74E+00
2.62E+01	-9.30E+01	1.99E+02	7.32E-03	-6.75E+00
2.62E+01	-9.30E+01	1.99E+02	-6.10E-03	-6.77E+00
2.62E+01	-9.30E+01	1.99E+02	-8.54E-03	-6.77E+00
2.62E+01	-9.30E+01	1.99E+02	-2.81E-02	-6.77E+00
2.62E+01	-9.30E+01	1.99E+02	-2.44E-03	-6.79E+00
2.63E+01	-9.30E+01	2.00E+02	-2.69E-02	-6.79E+00
2.63E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.79E+00
2.63E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.80E+00
2.63E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.81E+00
2.63E+01	-9.30E+01	1.99E+02	-6.10E-03	-6.83E+00
2.64E+01	-9.30E+01	1.99E+02	-1.46E-02	-6.82E+00
2.64E+01	-9.30E+01	1.99E+02	-3.66E-02	-6.83E+00
2.64E+01	-9.30E+01	1.99E+02	-1.46E-02	-6.83E+00
2.64E+01	-9.30E+01	1.99E+02	-2.20E-02	-6.84E+00
2.64E+01	-9.30E+01	1.99E+02	-3.91E-02	-6.85E+00
2.65E+01	-9.30E+01	1.99E+02	-1.95E-02	-6.85E+00
2.65E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.87E+00
2.65E+01	-9.30E+01	1.99E+02	-1.46E-02	-6.87E+00
2.65E+01	-9.30E+01	1.99E+02	-3.42E-02	-6.87E+00
2.65E+01	-9.30E+01	1.99E+02	-4.88E-03	-6.89E+00
2.66E+01	-9.30E+01	1.99E+02	-3.66E-03	-6.89E+00
2.66E+01	-9.30E+01	1.99E+02	-1.22E-03	-6.90E+00
2.66E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.91E+00
2.66E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.92E+00
2.66E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.91E+00
2.67E+01	-9.30E+01	1.99E+02	-1.46E-02	-6.93E+00
2.67E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.93E+00
2.67E+01	-9.30E+01	1.99E+02	-6.10E-03	-6.94E+00
2.67E+01	-9.30E+01	1.99E+02	-2.20E-02	-6.94E+00
2.67E+01	-9.30E+01	1.99E+02	-3.54E-02	-6.96E+00
2.68E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.96E+00
2.68E+01	-9.30E+01	1.99E+02	-1.10E-02	-6.96E+00
2.68E+01	-9.30E+01	1.99E+02	4.88E-03	-6.97E+00
2.68E+01	-9.30E+01	1.98E+02	-1.46E-02	-6.98E+00
2.68E+01	-9.30E+01	1.99E+02	1.71E-02	-7.00E+00
2.69E+01	-9.30E+01	1.99E+02	-1.10E-02	-6.99E+00
2.69E+01	-9.30E+01	1.98E+02	-1.71E-02	-7.02E+00
2.69E+01	-9.30E+01	1.99E+02	-2.08E-02	-7.01E+00
2.69E+01	-9.30E+01	1.99E+02	-7.32E-03	-7.02E+00

2.69E+01	-9.30E+01	1.98E+02	-9.77E-03	-7.02E+00
2.70E+01	-9.30E+01	1.98E+02	-3.54E-02	-7.03E+00
2.70E+01	-9.30E+01	1.99E+02	-1.22E-03	-7.04E+00
2.70E+01	-9.30E+01	1.98E+02	-1.22E-02	-7.05E+00
2.70E+01	-9.30E+01	1.98E+02	-2.08E-02	-7.04E+00
2.70E+01	-9.30E+01	1.98E+02	-3.17E-02	-7.05E+00
2.71E+01	-9.30E+01	1.98E+02	4.88E-03	-7.07E+00
2.71E+01	-9.30E+01	1.98E+02	-1.10E-02	-7.07E+00
2.71E+01	-9.30E+01	1.98E+02	-2.56E-02	-7.07E+00
2.71E+01	-9.30E+01	1.97E+02	-5.62E-02	-7.08E+00
2.71E+01	-9.30E+01	1.97E+02	-1.34E-02	-7.09E+00
2.72E+01	-9.30E+01	1.96E+02	-3.42E-02	-7.08E+00
2.72E+01	-9.30E+01	1.94E+02	-2.93E-02	-7.08E+00
2.72E+01	-9.30E+01	1.90E+02	-4.88E-03	-7.08E+00
2.72E+01	-9.30E+01	1.85E+02	-1.34E-02	-7.08E+00
2.72E+01	-9.30E+01	1.84E+02	-7.32E-03	-7.08E+00
2.73E+01	-9.30E+01	1.84E+02	-2.69E-02	-7.06E+00
2.73E+01	-9.30E+01	1.85E+02	-1.95E-02	-7.08E+00
2.73E+01	-9.30E+01	1.87E+02	-3.66E-03	-7.07E+00
2.73E+01	-9.30E+01	1.90E+02	-1.22E-02	-7.07E+00
2.73E+01	-9.30E+01	1.93E+02	-9.77E-03	-7.08E+00
2.74E+01	-9.30E+01	1.93E+02	-1.22E-02	-7.08E+00
2.74E+01	-9.30E+01	1.90E+02	-1.10E-02	-7.08E+00
2.74E+01	-9.30E+01	1.88E+02	-2.69E-02	-7.08E+00
2.74E+01	-9.30E+01	1.87E+02	-2.44E-03	-7.07E+00
2.74E+01	-9.30E+01	1.86E+02	9.77E-03	-7.08E+00
2.75E+01	-9.30E+01	1.86E+02	-1.46E-02	-7.07E+00
2.75E+01	-9.30E+01	1.86E+02	8.54E-03	-7.08E+00
2.75E+01	-9.30E+01	1.86E+02	-1.59E-02	-7.07E+00
2.75E+01	-9.30E+01	1.85E+02	-1.83E-02	-7.08E+00
2.75E+01	-9.30E+01	1.86E+02	-3.66E-03	-7.07E+00
2.76E+01	-9.30E+01	1.85E+02	-2.93E-02	-7.06E+00
2.76E+01	-9.30E+01	1.85E+02	-1.95E-02	-7.08E+00
2.76E+01	-9.30E+01	1.85E+02	-9.77E-03	-7.06E+00
2.76E+01	-9.30E+01	1.85E+02	-4.52E-02	-7.06E+00
2.76E+01	-9.30E+01	1.85E+02	-1.46E-02	-7.06E+00
2.77E+01	-9.30E+01	1.85E+02	-2.44E-02	-7.06E+00
2.77E+01	-9.30E+01	1.85E+02	-1.34E-02	-7.06E+00
2.77E+01	-9.30E+01	1.85E+02	-3.30E-02	-7.06E+00
2.77E+01	-9.30E+01	1.85E+02	-1.59E-02	-7.05E+00
2.77E+01	-9.30E+01	1.85E+02	-8.54E-03	-7.05E+00
2.78E+01	-9.30E+01	1.85E+02	1.83E-02	-7.05E+00
2.78E+01	-9.30E+01	1.85E+02	-2.69E-02	-7.05E+00
2.78E+01	-9.30E+01	1.85E+02	-3.42E-02	-7.04E+00
2.78E+01	-9.30E+01	1.85E+02	-1.46E-02	-7.05E+00
2.78E+01	-9.30E+01	1.85E+02	-7.32E-03	-7.05E+00
2.79E+01	-9.30E+01	1.85E+02	-2.56E-02	-7.04E+00

2.79E+01	-9.30E+01	1.85E+02	-1.22E-02	-7.04E+00
2.79E+01	-9.30E+01	1.85E+02	-1.95E-02	-7.04E+00
2.79E+01	-9.30E+01	1.85E+02	7.32E-03	-7.05E+00
2.79E+01	-9.30E+01	1.85E+02	-1.71E-02	-7.03E+00
2.80E+01	-9.30E+01	1.85E+02	-2.20E-02	-7.03E+00
2.80E+01	-9.30E+01	1.85E+02	-1.34E-02	-7.04E+00
2.80E+01	-9.30E+01	1.85E+02	-9.77E-03	-7.03E+00
2.80E+01	-9.30E+01	1.85E+02	-2.93E-02	-7.03E+00
2.80E+01	-9.30E+01	1.85E+02	-1.71E-02	-7.03E+00
2.81E+01	-9.30E+01	1.85E+02	-1.71E-02	-7.03E+00
2.81E+01	-9.30E+01	1.85E+02	-2.56E-02	-7.03E+00
2.81E+01	-9.30E+01	1.85E+02	-1.95E-02	-7.02E+00
2.81E+01	-9.30E+01	1.85E+02	-2.44E-02	-7.03E+00
2.81E+01	-9.30E+01	1.85E+02	-2.08E-02	-7.01E+00
2.82E+01	-9.30E+01	1.85E+02	3.66E-03	-7.02E+00
2.82E+01	-9.30E+01	1.85E+02	-8.54E-03	-7.01E+00
2.82E+01	-9.30E+01	1.85E+02	6.10E-03	-7.01E+00
2.82E+01	-9.30E+01	1.85E+02	-1.71E-02	-7.01E+00
2.82E+01	-9.30E+01	1.85E+02	-2.69E-02	-7.01E+00
2.83E+01	-9.30E+01	1.85E+02	-1.46E-02	-7.01E+00
2.83E+01	-9.30E+01	1.85E+02	-1.71E-02	-7.01E+00
2.83E+01	-9.30E+01	1.85E+02	-1.10E-02	-7.01E+00
2.83E+01	-9.30E+01	1.85E+02	-1.46E-02	-7.01E+00
2.83E+01	-9.30E+01	1.85E+02	-2.20E-02	-7.01E+00
2.84E+01	-9.30E+01	1.85E+02	-1.71E-02	-7.00E+00
2.84E+01	-9.30E+01	1.85E+02	-2.32E-02	-6.99E+00
2.84E+01	-9.30E+01	1.85E+02	7.32E-03	-7.00E+00
2.84E+01	-9.30E+01	1.85E+02	-8.54E-03	-6.99E+00
2.84E+01	-9.30E+01	1.84E+02	-2.69E-02	-7.00E+00
2.85E+01	-9.30E+01	1.85E+02	-2.44E-02	-6.99E+00
2.85E+01	-9.30E+01	1.84E+02	-2.20E-02	-7.00E+00
2.85E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.99E+00
2.85E+01	-9.30E+01	1.85E+02	4.88E-03	-6.99E+00
2.85E+01	-9.30E+01	1.84E+02	-1.46E-02	-6.98E+00
2.86E+01	-9.30E+01	1.84E+02	-2.93E-02	-6.99E+00
2.86E+01	-9.30E+01	1.84E+02	-2.81E-02	-6.98E+00
2.86E+01	-9.30E+01	1.84E+02	-1.34E-02	-6.98E+00
2.86E+01	-9.30E+01	1.85E+02	-1.34E-02	-6.98E+00
2.86E+01	-9.30E+01	1.84E+02	-2.56E-02	-6.97E+00
2.87E+01	-9.30E+01	1.84E+02	-2.20E-02	-6.97E+00
2.87E+01	-9.30E+01	1.84E+02	-1.10E-02	-6.97E+00
2.87E+01	-9.30E+01	1.84E+02	-1.83E-02	-6.97E+00
2.87E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.96E+00
2.87E+01	-9.30E+01	1.84E+02	-3.66E-03	-6.98E+00
2.88E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.96E+00
2.88E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.96E+00
2.88E+01	-9.30E+01	1.84E+02	-1.22E-02	-6.96E+00

2.88E+01	-9.30E+01	1.84E+02	-3.91E-02	-6.97E+00
2.88E+01	-9.30E+01	1.84E+02	-1.22E-02	-6.96E+00
2.89E+01	-9.30E+01	1.84E+02	-3.30E-02	-6.96E+00
2.89E+01	-9.30E+01	1.84E+02	-1.10E-02	-6.96E+00
2.89E+01	-9.30E+01	1.84E+02	-1.10E-02	-6.95E+00
2.89E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.95E+00
2.89E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.95E+00
2.90E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.95E+00
2.90E+01	-9.30E+01	1.84E+02	-2.56E-02	-6.95E+00
2.90E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.95E+00
2.90E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.95E+00
2.90E+01	-9.30E+01	1.84E+02	-2.93E-02	-6.94E+00
2.91E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.94E+00
2.91E+01	-9.30E+01	1.84E+02	0.00E+00	-6.95E+00
2.91E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.94E+00
2.91E+01	-9.30E+01	1.84E+02	-2.56E-02	-6.93E+00
2.91E+01	-9.30E+01	1.84E+02	-6.10E-03	-6.93E+00
2.92E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.93E+00
2.92E+01	-9.30E+01	1.84E+02	1.22E-03	-6.93E+00
2.92E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.93E+00
2.92E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.94E+00
2.92E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.92E+00
2.93E+01	-9.30E+01	1.83E+02	-3.66E-02	-6.93E+00
2.93E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.93E+00
2.93E+01	-9.30E+01	1.84E+02	-1.34E-02	-6.92E+00
2.93E+01	-9.30E+01	1.84E+02	-4.15E-02	-6.92E+00
2.93E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.92E+00
2.94E+01	-9.30E+01	1.83E+02	-4.64E-02	-6.91E+00
2.94E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.92E+00
2.94E+01	-9.30E+01	1.84E+02	-2.32E-02	-6.92E+00
2.94E+01	-9.30E+01	1.84E+02	-1.46E-02	-6.91E+00
2.94E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.91E+00
2.95E+01	-9.30E+01	1.83E+02	0.00E+00	-6.91E+00
2.95E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.91E+00
2.95E+01	-9.30E+01	1.83E+02	-3.17E-02	-6.90E+00
2.95E+01	-9.30E+01	1.83E+02	-2.81E-02	-6.90E+00
2.95E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.89E+00
2.96E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.90E+00
2.96E+01	-9.30E+01	1.83E+02	8.54E-03	-6.90E+00
2.96E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.89E+00
2.96E+01	-9.30E+01	1.83E+02	-3.17E-02	-6.89E+00
2.96E+01	-9.30E+01	1.83E+02	3.66E-03	-6.89E+00
2.97E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.89E+00
2.97E+01	-9.30E+01	1.83E+02	-1.22E-02	-6.89E+00
2.97E+01	-9.30E+01	1.83E+02	-1.83E-02	-6.89E+00
2.97E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.88E+00
2.97E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.88E+00

2.98E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.88E+00
2.98E+01	-9.30E+01	1.83E+02	-4.03E-02	-6.88E+00
2.98E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.88E+00
2.98E+01	-9.30E+01	1.83E+02	1.34E-02	-6.87E+00
2.98E+01	-9.30E+01	1.83E+02	-2.20E-02	-6.88E+00
2.99E+01	-9.30E+01	1.83E+02	-1.83E-02	-6.87E+00
2.99E+01	-9.30E+01	1.83E+02	-2.20E-02	-6.87E+00
2.99E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.87E+00
2.99E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.87E+00
2.99E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.87E+00
3.00E+01	-9.30E+01	1.83E+02	-8.54E-03	-6.86E+00
3.00E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.87E+00
3.00E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.86E+00
3.00E+01	-9.30E+01	1.83E+02	-1.10E-02	-6.86E+00
3.00E+01	-9.30E+01	1.83E+02	-2.69E-02	-6.85E+00
3.01E+01	-9.30E+01	1.82E+02	-2.08E-02	-6.86E+00
3.01E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.85E+00
3.01E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.85E+00
3.01E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.85E+00
3.01E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.86E+00
3.02E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.85E+00
3.02E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.84E+00
3.02E+01	-9.30E+01	1.82E+02	7.32E-03	-6.84E+00
3.02E+01	-9.30E+01	1.82E+02	-1.83E-02	-6.85E+00
3.02E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.84E+00
3.03E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.83E+00
3.03E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.85E+00
3.03E+01	-9.30E+01	1.82E+02	-1.59E-02	-6.83E+00
3.03E+01	-9.30E+01	1.82E+02	-1.22E-03	-6.83E+00
3.03E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.83E+00
3.04E+01	-9.30E+01	1.82E+02	-6.10E-03	-6.84E+00
3.04E+01	-9.30E+01	1.82E+02	-2.32E-02	-6.83E+00
3.04E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.84E+00
3.04E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.82E+00
3.04E+01	-9.30E+01	1.82E+02	-2.69E-02	-6.83E+00
3.05E+01	-9.30E+01	1.82E+02	1.22E-02	-6.82E+00
3.05E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.82E+00
3.05E+01	-9.30E+01	1.82E+02	-2.08E-02	-6.83E+00
3.05E+01	-9.30E+01	1.82E+02	7.32E-03	-6.82E+00
3.05E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.82E+00
3.06E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.81E+00
3.06E+01	-9.30E+01	1.82E+02	-2.08E-02	-6.81E+00
3.06E+01	-9.30E+01	1.82E+02	-3.42E-02	-6.80E+00
3.06E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.81E+00
3.06E+01	-9.30E+01	1.82E+02	4.88E-03	-6.81E+00
3.07E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.80E+00
3.07E+01	-9.30E+01	1.82E+02	-2.56E-02	-6.81E+00

3.07E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.80E+00
3.07E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.80E+00
3.07E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.81E+00
3.08E+01	-9.30E+01	1.82E+02	-2.32E-02	-6.80E+00
3.08E+01	-9.30E+01	1.82E+02	-3.42E-02	-6.80E+00
3.08E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.79E+00
3.08E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.78E+00
3.08E+01	-9.30E+01	1.81E+02	-3.91E-02	-6.79E+00
3.09E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.79E+00
3.09E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.77E+00
3.09E+01	-9.30E+01	1.82E+02	-3.91E-02	-6.78E+00
3.09E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.78E+00
3.09E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.78E+00
3.10E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.78E+00
3.10E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.78E+00
3.10E+01	-9.30E+01	1.81E+02	-1.34E-02	-6.78E+00
3.10E+01	-9.30E+01	1.81E+02	-3.78E-02	-6.78E+00
3.10E+01	-9.30E+01	1.81E+02	-6.10E-03	-6.77E+00
3.11E+01	-9.30E+01	1.82E+02	-5.98E-02	-6.77E+00
3.11E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.78E+00
3.11E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.77E+00
3.11E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.76E+00
3.11E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.76E+00
3.12E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.75E+00
3.12E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.76E+00
3.12E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.76E+00
3.12E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.75E+00
3.12E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.76E+00
3.13E+01	-9.30E+01	1.81E+02	-4.64E-02	-6.76E+00
3.13E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.76E+00
3.13E+01	-9.30E+01	1.81E+02	-1.83E-02	-6.73E+00
3.13E+01	-9.30E+01	1.81E+02	-3.54E-02	-6.75E+00
3.13E+01	-9.30E+01	1.81E+02	2.44E-03	-6.73E+00
3.14E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.75E+00
3.14E+01	-9.30E+01	1.81E+02	-1.59E-02	-6.74E+00
3.14E+01	-9.30E+01	1.81E+02	-2.81E-02	-6.74E+00
3.14E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.74E+00
3.14E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.74E+00
3.15E+01	-9.30E+01	1.81E+02	-1.34E-02	-6.73E+00
3.15E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.74E+00
3.15E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.74E+00
3.15E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.73E+00
3.15E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.73E+00
3.16E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.73E+00
3.16E+01	-9.30E+01	1.81E+02	9.77E-03	-6.73E+00
3.16E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.73E+00
3.16E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.71E+00

3.16E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.72E+00
3.17E+01	-9.30E+01	1.81E+02	-1.59E-02	-6.74E+00
3.17E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.72E+00
3.17E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.71E+00
3.17E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.71E+00
3.17E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.71E+00
3.18E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.71E+00
3.18E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.71E+00
3.18E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.70E+00
3.18E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.71E+00
3.18E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.70E+00
3.19E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.70E+00
3.19E+01	-9.30E+01	1.81E+02	-2.08E-02	-6.70E+00
3.19E+01	-9.30E+01	1.81E+02	-4.15E-02	-6.70E+00
3.19E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.70E+00
3.19E+01	-9.30E+01	1.81E+02	-4.15E-02	-6.69E+00
3.20E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.70E+00
3.20E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.68E+00
3.20E+01	-9.30E+01	1.81E+02	-8.54E-03	-6.69E+00
3.20E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.69E+00
3.20E+01	-9.30E+01	1.81E+02	-1.10E-02	-6.69E+00
3.21E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.69E+00
3.21E+01	-9.30E+01	1.81E+02	-1.22E-03	-6.68E+00
3.21E+01	-9.30E+01	1.81E+02	-1.83E-02	-6.68E+00
3.21E+01	-9.30E+01	1.81E+02	-2.56E-02	-6.68E+00
3.21E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.68E+00
3.22E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.68E+00
3.22E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.68E+00
3.22E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.68E+00
3.22E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.67E+00
3.22E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.67E+00
3.23E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.66E+00
3.23E+01	-9.30E+01	1.81E+02	-6.10E-03	-6.67E+00
3.23E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.67E+00
3.23E+01	-9.30E+01	1.81E+02	-2.32E-02	-6.66E+00
3.23E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.66E+00
3.24E+01	-9.30E+01	1.81E+02	-3.66E-02	-6.67E+00
3.24E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.65E+00
3.24E+01	-9.30E+01	1.81E+02	-3.05E-02	-6.66E+00
3.24E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.66E+00
3.24E+01	-9.30E+01	1.81E+02	-1.59E-02	-6.66E+00
3.25E+01	-9.30E+01	1.81E+02	7.32E-03	-6.65E+00
3.25E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.65E+00
3.25E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.65E+00
3.25E+01	-9.30E+01	1.81E+02	-1.34E-02	-6.66E+00
3.25E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.64E+00
3.26E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.63E+00

3.26E+01	-9.30E+01	1.81E+02	-1.10E-02	-6.64E+00
3.26E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.65E+00
3.26E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.64E+00
3.26E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.64E+00
3.27E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.63E+00
3.27E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.64E+00
3.27E+01	-9.30E+01	1.81E+02	1.22E-02	-6.64E+00
3.27E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.63E+00
3.27E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.62E+00
3.28E+01	-9.30E+01	1.81E+02	-2.32E-02	-6.63E+00
3.28E+01	-9.30E+01	1.81E+02	0.00E+00	-6.63E+00
3.28E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.63E+00
3.28E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.62E+00
3.28E+01	-9.30E+01	1.81E+02	-3.78E-02	-6.62E+00
3.29E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.62E+00
3.29E+01	-9.30E+01	1.81E+02	-1.34E-02	-6.61E+00
3.29E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.61E+00
3.29E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.61E+00
3.29E+01	-9.30E+01	1.81E+02	1.71E-02	-6.61E+00
3.30E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.61E+00
3.30E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.61E+00
3.30E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.61E+00
3.30E+01	-9.30E+01	1.80E+02	-3.66E-03	-6.60E+00
3.30E+01	-9.30E+01	1.81E+02	-1.59E-02	-6.61E+00
3.31E+01	-9.30E+01	1.80E+02	-1.22E-03	-6.60E+00
3.31E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.60E+00
3.31E+01	-9.30E+01	1.81E+02	-2.08E-02	-6.60E+00
3.31E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.60E+00
3.31E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.60E+00
3.32E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.59E+00
3.32E+01	-9.30E+01	1.80E+02	-2.08E-02	-6.59E+00
3.32E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.60E+00
3.32E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.59E+00
3.32E+01	-9.30E+01	1.80E+02	-1.83E-02	-6.58E+00
3.33E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.59E+00
3.33E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.58E+00
3.33E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.58E+00
3.33E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.58E+00
3.33E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.57E+00
3.34E+01	-9.30E+01	1.80E+02	-5.13E-02	-6.58E+00
3.34E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.57E+00
3.34E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.58E+00
3.34E+01	-9.30E+01	1.80E+02	-1.34E-02	-6.57E+00
3.34E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.56E+00
3.35E+01	-9.30E+01	1.80E+02	-2.32E-02	-6.57E+00
3.35E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.57E+00
3.35E+01	-9.30E+01	1.80E+02	-2.32E-02	-6.55E+00

3.35E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.56E+00
3.35E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.57E+00
3.36E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.56E+00
3.36E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.56E+00
3.36E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.55E+00
3.36E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.56E+00
3.36E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.55E+00
3.37E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.55E+00
3.37E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.54E+00
3.37E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.55E+00
3.37E+01	-9.30E+01	1.80E+02	-3.78E-02	-6.55E+00
3.37E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.55E+00
3.38E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.54E+00
3.38E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.54E+00
3.38E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.54E+00
3.38E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.54E+00
3.38E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.54E+00
3.39E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.54E+00
3.39E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.54E+00
3.39E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.52E+00
3.39E+01	-9.30E+01	1.80E+02	-2.32E-02	-6.53E+00
3.39E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.53E+00
3.40E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.53E+00
3.40E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.53E+00
3.40E+01	-9.30E+01	1.80E+02	-1.10E-02	-6.53E+00
3.40E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.52E+00
3.40E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.51E+00
3.41E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.52E+00
3.41E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.52E+00
3.41E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.51E+00
3.41E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.51E+00
3.41E+01	-9.30E+01	1.79E+02	-4.64E-02	-6.50E+00
3.42E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.51E+00
3.42E+01	-9.30E+01	1.80E+02	-1.59E-02	-6.51E+00
3.42E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.50E+00
3.42E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.50E+00
3.42E+01	-9.30E+01	1.79E+02	7.32E-03	-6.51E+00
3.43E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.50E+00
3.43E+01	-9.30E+01	1.80E+02	2.44E-03	-6.51E+00
3.43E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.50E+00
3.43E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.49E+00
3.43E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.49E+00
3.44E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.49E+00
3.44E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.48E+00
3.44E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.48E+00
3.44E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.49E+00
3.44E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.47E+00

3.45E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.48E+00
3.45E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.48E+00
3.45E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.48E+00
3.45E+01	-9.30E+01	1.79E+02	-5.13E-02	-6.47E+00
3.45E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.47E+00
3.46E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.47E+00
3.46E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.47E+00
3.46E+01	-9.30E+01	1.79E+02	-1.59E-02	-6.48E+00
3.46E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.46E+00
3.46E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.47E+00
3.47E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.46E+00
3.47E+01	-9.30E+01	1.80E+02	-2.08E-02	-6.47E+00
3.47E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.46E+00
3.47E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.46E+00
3.47E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.46E+00
3.48E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.46E+00
3.48E+01	-9.30E+01	1.79E+02	-2.81E-02	-6.46E+00
3.48E+01	-9.30E+01	1.79E+02	0.00E+00	-6.46E+00
3.48E+01	-9.30E+01	1.79E+02	1.10E-02	-6.45E+00
3.48E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.45E+00
3.49E+01	-9.30E+01	1.79E+02	-5.13E-02	-6.45E+00
3.49E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.45E+00
3.49E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.44E+00
3.49E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.44E+00
3.49E+01	-9.30E+01	1.79E+02	-3.05E-02	-6.44E+00
3.50E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.43E+00
3.50E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.44E+00
3.50E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.44E+00
3.50E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.43E+00
3.50E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.43E+00
3.51E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.43E+00
3.51E+01	-9.30E+01	1.79E+02	-1.59E-02	-6.44E+00
3.51E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.42E+00
3.51E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.43E+00
3.51E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.43E+00
3.52E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.42E+00
3.52E+01	-9.30E+01	1.79E+02	8.54E-03	-6.43E+00
3.52E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.42E+00
3.52E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.42E+00
3.52E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.42E+00
3.53E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.41E+00
3.53E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.42E+00
3.53E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.42E+00
3.53E+01	-9.30E+01	1.79E+02	-1.59E-02	-6.41E+00
3.53E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.40E+00
3.54E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.41E+00
3.54E+01	-9.30E+01	1.79E+02	-1.59E-02	-6.40E+00

3.54E+01	-9.30E+01	1.79E+02	-1.34E-02	-6.41E+00
3.54E+01	-9.30E+01	1.79E+02	7.32E-03	-6.40E+00
3.54E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.40E+00
3.55E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.40E+00
3.55E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.40E+00
3.55E+01	-9.30E+01	1.79E+02	1.22E-03	-6.39E+00
3.55E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.39E+00
3.55E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.39E+00
3.56E+01	-9.30E+01	1.79E+02	-3.91E-02	-6.40E+00
3.56E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.39E+00
3.56E+01	-9.30E+01	1.79E+02	-4.39E-02	-6.39E+00
3.56E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.38E+00
3.56E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.38E+00
3.57E+01	-9.30E+01	1.79E+02	-8.54E-03	-6.38E+00
3.57E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.38E+00
3.57E+01	-9.30E+01	1.79E+02	1.22E-02	-6.37E+00
3.57E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.38E+00
3.57E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.37E+00
3.58E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.37E+00
3.58E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.37E+00
3.58E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.38E+00
3.58E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.37E+00
3.58E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.37E+00
3.59E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.36E+00
3.59E+01	-9.30E+01	1.79E+02	-3.30E-02	-6.36E+00
3.59E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.36E+00
3.59E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.36E+00
3.59E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.36E+00
3.60E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.35E+00
3.60E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.35E+00
3.60E+01	-9.30E+01	1.79E+02	-3.30E-02	-6.35E+00
3.60E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.34E+00
3.60E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.35E+00
3.61E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.35E+00
3.61E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.35E+00
3.61E+01	-9.30E+01	1.79E+02	-1.34E-02	-6.35E+00
3.61E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.35E+00
3.61E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.34E+00
3.62E+01	-9.30E+01	1.79E+02	-3.30E-02	-6.33E+00
3.62E+01	-9.30E+01	1.79E+02	-3.91E-02	-6.33E+00
3.62E+01	-9.30E+01	1.79E+02	-2.81E-02	-6.34E+00
3.62E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.33E+00
3.62E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.33E+00
3.63E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.32E+00
3.63E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.33E+00
3.63E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.33E+00
3.63E+01	-9.30E+01	1.79E+02	-3.78E-02	-6.33E+00

3.63E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.33E+00
3.64E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.32E+00
3.64E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.32E+00
3.64E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.32E+00
3.64E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.31E+00
3.64E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.32E+00
3.65E+01	-9.30E+01	1.79E+02	-4.88E-02	-6.31E+00
3.65E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.31E+00
3.65E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.31E+00
3.65E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.31E+00
3.65E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.29E+00
3.66E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.31E+00
3.66E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.30E+00
3.66E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.30E+00
3.66E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.30E+00
3.66E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.30E+00
3.67E+01	-9.30E+01	1.79E+02	-2.81E-02	-6.30E+00
3.67E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.30E+00
3.67E+01	-9.30E+01	1.79E+02	7.32E-03	-6.30E+00
3.67E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.29E+00
3.67E+01	-9.30E+01	1.79E+02	-4.15E-02	-6.29E+00
3.68E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.29E+00
3.68E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.28E+00
3.68E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.29E+00
3.68E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.29E+00
3.68E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.29E+00
3.69E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.28E+00
3.69E+01	-9.30E+01	1.79E+02	-2.81E-02	-6.27E+00
3.69E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.28E+00
3.69E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.27E+00
3.69E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.27E+00
3.70E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.27E+00
3.70E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.28E+00
3.70E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.27E+00
3.70E+01	-9.30E+01	1.79E+02	-1.34E-02	-6.27E+00
3.70E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.26E+00
3.71E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.26E+00
3.71E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.26E+00
3.71E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.26E+00
3.71E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.27E+00
3.71E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.26E+00
3.72E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.27E+00
3.72E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.25E+00
3.72E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.25E+00
3.72E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.26E+00
3.72E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.25E+00
3.73E+01	-9.30E+01	1.79E+02	7.32E-03	-6.25E+00

3.73E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.24E+00
3.73E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.23E+00
3.73E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.24E+00
3.73E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.24E+00
3.74E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.23E+00
3.74E+01	-9.30E+01	1.79E+02	-3.54E-02	-6.23E+00
3.74E+01	-9.30E+01	1.78E+02	-2.56E-02	-6.22E+00
3.74E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.23E+00
3.74E+01	-9.30E+01	1.79E+02	0.00E+00	-6.23E+00
3.75E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.23E+00
3.75E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.23E+00
3.75E+01	-9.30E+01	1.79E+02	-4.64E-02	-6.23E+00
3.75E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.22E+00
3.75E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.22E+00
3.76E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.22E+00
3.76E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.21E+00
3.76E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.21E+00
3.76E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.22E+00
3.76E+01	-9.30E+01	1.79E+02	-3.66E-03	-6.20E+00
3.77E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.21E+00
3.77E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.20E+00
3.77E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.21E+00
3.77E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.21E+00
3.77E+01	-9.30E+01	1.79E+02	-5.00E-02	-6.20E+00
3.78E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.20E+00
3.78E+01	-9.30E+01	1.79E+02	-4.64E-02	-6.20E+00
3.78E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.20E+00
3.78E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.20E+00
3.78E+01	-9.30E+01	1.79E+02	7.32E-03	-6.19E+00
3.79E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.19E+00
3.79E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.18E+00
3.79E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.19E+00
3.79E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.19E+00
3.79E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.18E+00
3.80E+01	-9.30E+01	1.79E+02	7.32E-03	-6.18E+00
3.80E+01	-9.30E+01	1.78E+02	-1.10E-02	-6.19E+00
3.80E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.18E+00
3.80E+01	-9.30E+01	1.78E+02	-4.76E-02	-6.18E+00
3.80E+01	-9.30E+01	1.78E+02	-1.59E-02	-6.18E+00
3.81E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.18E+00
3.81E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.18E+00
3.81E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.16E+00
3.81E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.17E+00
3.81E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.17E+00
3.82E+01	-9.30E+01	1.79E+02	-1.22E-03	-6.17E+00
3.82E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.17E+00
3.82E+01	-9.30E+01	1.79E+02	1.22E-02	-6.16E+00

3.82E+01	-9.30E+01	1.78E+02	-1.59E-02	-6.16E+00
3.82E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.17E+00
3.83E+01	-9.30E+01	1.78E+02	8.54E-03	-6.16E+00
3.83E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.15E+00
3.83E+01	-9.30E+01	1.78E+02	-1.10E-02	-6.15E+00
3.83E+01	-9.30E+01	1.78E+02	-2.32E-02	-6.15E+00
3.83E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.14E+00
3.84E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.15E+00
3.84E+01	-9.30E+01	1.78E+02	1.46E-02	-6.15E+00
3.84E+01	-9.30E+01	1.78E+02	-1.59E-02	-6.15E+00
3.84E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.15E+00
3.84E+01	-9.30E+01	1.78E+02	-3.66E-02	-6.14E+00
3.85E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.14E+00
3.85E+01	-9.30E+01	1.78E+02	2.44E-03	-6.15E+00
3.85E+01	-9.30E+01	1.78E+02	-1.22E-03	-6.14E+00
3.85E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.14E+00
3.85E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.14E+00
3.86E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.14E+00
3.86E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.13E+00
3.86E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.13E+00
3.86E+01	-9.30E+01	1.78E+02	-5.86E-02	-6.13E+00
3.86E+01	-9.30E+01	1.78E+02	-1.83E-02	-6.13E+00
3.87E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.12E+00
3.87E+01	-9.30E+01	1.78E+02	-1.22E-03	-6.13E+00
3.87E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.12E+00
3.87E+01	-9.30E+01	1.78E+02	1.22E-02	-6.13E+00
3.87E+01	-9.30E+01	1.78E+02	-1.83E-02	-6.12E+00
3.88E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.12E+00
3.88E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.12E+00
3.88E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.11E+00
3.88E+01	-9.30E+01	1.78E+02	-2.32E-02	-6.13E+00
3.88E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.12E+00
3.89E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.10E+00
3.89E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.11E+00
3.89E+01	-9.30E+01	1.78E+02	0.00E+00	-6.10E+00
3.89E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.11E+00
3.89E+01	-9.30E+01	1.78E+02	-3.42E-02	-6.10E+00
3.90E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.10E+00
3.90E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.11E+00
3.90E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.09E+00
3.90E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.09E+00
3.90E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.10E+00
3.91E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.10E+00
3.91E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.09E+00
3.91E+01	-9.30E+01	1.78E+02	-2.81E-02	-6.08E+00
3.91E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.08E+00
3.91E+01	-9.30E+01	1.78E+02	-5.86E-02	-6.09E+00

3.92E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.08E+00
3.92E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.08E+00
3.92E+01	-9.30E+01	1.78E+02	-4.39E-02	-6.08E+00
3.92E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.08E+00
3.92E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.09E+00
3.93E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.07E+00
3.93E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.07E+00
3.93E+01	-9.30E+01	1.78E+02	-2.32E-02	-6.07E+00
3.93E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.07E+00
3.93E+01	-9.30E+01	1.78E+02	-1.34E-02	-6.08E+00
3.94E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.06E+00
3.94E+01	-9.30E+01	1.78E+02	-2.93E-02	-6.06E+00
3.94E+01	-9.30E+01	1.78E+02	-1.59E-02	-6.06E+00
3.94E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.06E+00
3.94E+01	-9.30E+01	1.78E+02	-1.59E-02	-6.06E+00
3.95E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.05E+00
3.95E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.05E+00
3.95E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.05E+00
3.95E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.06E+00
3.95E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.06E+00
3.96E+01	-9.30E+01	1.78E+02	6.10E-03	-6.04E+00
3.96E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.05E+00
3.96E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.04E+00
3.96E+01	-9.30E+01	1.78E+02	-5.49E-02	-6.05E+00
3.96E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.04E+00
3.97E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.04E+00
3.97E+01	-9.30E+01	1.78E+02	-2.93E-02	-6.04E+00
3.97E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.03E+00
3.97E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.04E+00
3.97E+01	-9.30E+01	1.78E+02	-1.59E-02	-6.04E+00
3.98E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.02E+00
3.98E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.03E+00
3.98E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.03E+00
3.98E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.02E+00
3.98E+01	-9.30E+01	1.78E+02	-3.78E-02	-6.03E+00
3.99E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.02E+00
3.99E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.03E+00
3.99E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.02E+00
3.99E+01	-9.30E+01	1.78E+02	-2.08E-02	-6.02E+00
3.99E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.03E+00
4.00E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.02E+00
4.00E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.01E+00
4.00E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.01E+00
4.00E+01	-9.30E+01	1.77E+02	-2.93E-02	-6.01E+00
4.00E+01	-9.30E+01	1.77E+02	4.88E-03	-6.01E+00
4.01E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.01E+00
4.01E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.02E+00

4.01E+01	-9.30E+01	1.78E+02	-2.56E-02	-6.00E+00
4.01E+01	-9.30E+01	1.78E+02	-1.59E-02	-6.01E+00
4.01E+01	-9.30E+01	1.77E+02	-2.56E-02	-6.00E+00
4.02E+01	-9.30E+01	1.77E+02	-1.46E-02	-6.00E+00
4.02E+01	-9.30E+01	1.77E+02	-1.59E-02	-6.00E+00
4.02E+01	-9.30E+01	1.78E+02	-2.32E-02	-5.99E+00
4.02E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.99E+00
4.02E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.00E+00
4.03E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.99E+00
4.03E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.99E+00
4.03E+01	-9.30E+01	1.78E+02	-2.81E-02	-5.98E+00
4.03E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.99E+00
4.03E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.99E+00
4.04E+01	-9.30E+01	1.77E+02	-1.59E-02	-5.98E+00
4.04E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.98E+00
4.04E+01	-9.30E+01	1.78E+02	1.22E-02	-5.98E+00
4.04E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.98E+00
4.04E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.97E+00
4.05E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.97E+00
4.05E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.97E+00
4.05E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.99E+00
4.05E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.97E+00
4.05E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.97E+00
4.06E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.97E+00
4.06E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.97E+00
4.06E+01	-9.30E+01	1.77E+02	-3.78E-02	-5.96E+00
4.06E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.97E+00
4.06E+01	-9.30E+01	1.78E+02	-1.34E-02	-5.96E+00
4.07E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.95E+00
4.07E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.96E+00
4.07E+01	-9.30E+01	1.77E+02	-2.32E-02	-5.95E+00
4.07E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.95E+00
4.07E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.95E+00
4.08E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.96E+00
4.08E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.95E+00
4.08E+01	-9.30E+01	1.78E+02	-2.08E-02	-5.95E+00
4.08E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.93E+00
4.08E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.95E+00
4.09E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.93E+00
4.09E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.94E+00
4.09E+01	-9.30E+01	1.78E+02	-1.22E-03	-5.94E+00
4.09E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.93E+00
4.09E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.93E+00
4.10E+01	-9.30E+01	1.77E+02	7.32E-03	-5.94E+00
4.10E+01	-9.30E+01	1.78E+02	-1.10E-02	-5.93E+00
4.10E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.92E+00
4.10E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.93E+00

4.10E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.91E+00
4.11E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.93E+00
4.11E+01	-9.30E+01	1.77E+02	-6.10E-03	-5.92E+00
4.11E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.92E+00
4.11E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.91E+00
4.11E+01	-9.30E+01	1.77E+02	-4.15E-02	-5.91E+00
4.12E+01	-9.30E+01	1.77E+02	-2.08E-02	-5.92E+00
4.12E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.91E+00
4.12E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.91E+00
4.12E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.91E+00
4.12E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.89E+00
4.13E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.91E+00
4.13E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.90E+00
4.13E+01	-9.30E+01	1.77E+02	-1.34E-02	-5.90E+00
4.13E+01	-9.30E+01	1.77E+02	-4.27E-02	-5.91E+00
4.13E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.90E+00
4.14E+01	-9.30E+01	1.77E+02	-6.10E-03	-5.90E+00
4.14E+01	-9.30E+01	1.77E+02	-2.56E-02	-5.90E+00
4.14E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.90E+00
4.14E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.89E+00
4.14E+01	-9.30E+01	1.77E+02	-1.59E-02	-5.89E+00
4.15E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.89E+00
4.15E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.88E+00
4.15E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.88E+00
4.15E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.89E+00
4.15E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.89E+00
4.16E+01	-9.30E+01	1.77E+02	-4.64E-02	-5.88E+00
4.16E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.88E+00
4.16E+01	-9.30E+01	1.77E+02	-1.83E-02	-5.87E+00
4.16E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.88E+00
4.16E+01	-9.30E+01	1.77E+02	-1.34E-02	-5.88E+00
4.17E+01	-9.30E+01	1.77E+02	-1.34E-02	-5.88E+00
4.17E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.87E+00
4.17E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.88E+00
4.17E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.86E+00
4.17E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.87E+00
4.18E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.87E+00
4.18E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.86E+00
4.18E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.86E+00
4.18E+01	-9.30E+01	1.77E+02	-2.08E-02	-5.86E+00
4.18E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.86E+00
4.19E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.85E+00
4.19E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.86E+00
4.19E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.85E+00
4.19E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.84E+00
4.19E+01	-9.30E+01	1.76E+02	-1.34E-02	-5.86E+00
4.20E+01	-9.30E+01	1.77E+02	-1.83E-02	-5.85E+00

4.20E+01	-9.30E+01	1.77E+02	-3.66E-02	-5.84E+00
4.20E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.84E+00
4.20E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.85E+00
4.20E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.84E+00
4.21E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.84E+00
4.21E+01	-9.30E+01	1.77E+02	-3.66E-02	-5.83E+00
4.21E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.84E+00
4.21E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.84E+00
4.21E+01	-9.30E+01	1.77E+02	9.77E-03	-5.83E+00
4.22E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.83E+00
4.22E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.82E+00
4.22E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.83E+00
4.22E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.82E+00
4.22E+01	-9.30E+01	1.76E+02	-3.30E-02	-5.83E+00
4.23E+01	-9.30E+01	1.76E+02	-2.32E-02	-5.82E+00
4.23E+01	-9.30E+01	1.76E+02	-1.10E-02	-5.82E+00
4.23E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.82E+00
4.23E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.82E+00
4.23E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.81E+00
4.24E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.82E+00
4.24E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.81E+00
4.24E+01	-9.30E+01	1.76E+02	-8.54E-03	-5.81E+00
4.24E+01	-9.30E+01	1.76E+02	2.44E-03	-5.81E+00
4.24E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.81E+00
4.25E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.81E+00
4.25E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.80E+00
4.25E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.80E+00
4.25E+01	-9.30E+01	1.76E+02	-4.03E-02	-5.80E+00
4.25E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.80E+00
4.26E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.80E+00
4.26E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.80E+00
4.26E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.79E+00
4.26E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.79E+00
4.26E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.78E+00
4.27E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.79E+00
4.27E+01	-9.30E+01	1.76E+02	-1.34E-02	-5.79E+00
4.27E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.78E+00
4.27E+01	-9.30E+01	1.76E+02	-2.56E-02	-5.78E+00
4.27E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.77E+00
4.28E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.78E+00
4.28E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.78E+00
4.28E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.78E+00
4.28E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.78E+00
4.28E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.77E+00
4.29E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.77E+00
4.29E+01	-9.30E+01	1.76E+02	-2.56E-02	-5.77E+00
4.29E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.78E+00

4.29E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.77E+00
4.29E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.77E+00
4.30E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.76E+00
4.30E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.76E+00
4.30E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.75E+00
4.30E+01	-9.30E+01	1.75E+02	-2.32E-02	-5.76E+00
4.30E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.76E+00
4.31E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.75E+00
4.31E+01	-9.30E+01	1.76E+02	-2.56E-02	-5.75E+00
4.31E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.75E+00
4.31E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.74E+00
4.31E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.75E+00
4.32E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.75E+00
4.32E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.74E+00
4.32E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.74E+00
4.32E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.74E+00
4.32E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.75E+00
4.33E+01	-9.30E+01	1.75E+02	-1.59E-02	-5.74E+00
4.33E+01	-9.30E+01	1.75E+02	-4.39E-02	-5.74E+00
4.33E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.73E+00
4.33E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.73E+00
4.33E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.73E+00
4.34E+01	-9.30E+01	1.75E+02	-1.34E-02	-5.72E+00
4.34E+01	-9.30E+01	1.75E+02	1.34E-02	-5.73E+00
4.34E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.72E+00
4.34E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.74E+00
4.34E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.72E+00
4.35E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.71E+00
4.35E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.72E+00
4.35E+01	-9.30E+01	1.75E+02	3.66E-03	-5.72E+00
4.35E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.72E+00
4.35E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.72E+00
4.36E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.71E+00
4.36E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.71E+00
4.36E+01	-9.30E+01	1.75E+02	-2.81E-02	-5.70E+00
4.36E+01	-9.30E+01	1.75E+02	-2.81E-02	-5.71E+00
4.36E+01	-9.30E+01	1.75E+02	0.00E+00	-5.71E+00
4.37E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.71E+00
4.37E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.70E+00
4.37E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.70E+00
4.37E+01	-9.30E+01	1.75E+02	-2.32E-02	-5.70E+00
4.37E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.70E+00
4.38E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.70E+00
4.38E+01	-9.30E+01	1.75E+02	-8.54E-03	-5.69E+00
4.38E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.70E+00
4.38E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.69E+00
4.38E+01	-9.30E+01	1.75E+02	-2.08E-02	-5.69E+00

4.39E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.68E+00
4.39E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.68E+00
4.39E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.68E+00
4.39E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.68E+00
4.39E+01	-9.30E+01	1.75E+02	-2.08E-02	-5.67E+00
4.40E+01	-9.30E+01	1.75E+02	-3.05E-02	-5.68E+00
4.40E+01	-9.30E+01	1.75E+02	-1.22E-03	-5.68E+00
4.40E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.68E+00
4.40E+01	-9.30E+01	1.75E+02	-4.52E-02	-5.68E+00
4.40E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.67E+00
4.41E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.68E+00
4.41E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.67E+00
4.41E+01	-9.30E+01	1.75E+02	-8.54E-03	-5.67E+00
4.41E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.67E+00
4.41E+01	-9.30E+01	1.75E+02	-6.10E-03	-5.66E+00
4.42E+01	-9.30E+01	1.75E+02	-4.15E-02	-5.67E+00
4.42E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.66E+00
4.42E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.66E+00
4.42E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.65E+00
4.42E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.66E+00
4.43E+01	-9.30E+01	1.75E+02	9.77E-03	-5.66E+00
4.43E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.65E+00
4.43E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.65E+00
4.43E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.64E+00
4.43E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.65E+00
4.44E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.64E+00
4.44E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.64E+00
4.44E+01	-9.30E+01	1.74E+02	-2.08E-02	-5.63E+00
4.44E+01	-9.30E+01	1.75E+02	-1.34E-02	-5.64E+00
4.44E+01	-9.30E+01	1.75E+02	-8.54E-03	-5.64E+00
4.45E+01	-9.30E+01	1.74E+02	-1.10E-02	-5.63E+00
4.45E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.63E+00
4.45E+01	-9.30E+01	1.75E+02	0.00E+00	-5.63E+00
4.45E+01	-9.30E+01	1.74E+02	-1.59E-02	-5.63E+00
4.45E+01	-9.30E+01	1.75E+02	-1.22E-03	-5.63E+00
4.46E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.63E+00
4.46E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.63E+00
4.46E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.62E+00
4.46E+01	-9.30E+01	1.75E+02	-8.54E-03	-5.62E+00
4.46E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.61E+00
4.47E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.62E+00
4.47E+01	-9.30E+01	1.75E+02	-1.10E-02	-5.62E+00
4.47E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.62E+00
4.47E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.62E+00
4.47E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.61E+00
4.48E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.61E+00
4.48E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.61E+00

4.48E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.61E+00
4.48E+01	-9.30E+01	1.75E+02	-3.30E-02	-5.60E+00
4.48E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.61E+00
4.49E+01	-9.30E+01	1.75E+02	6.10E-03	-5.61E+00
4.49E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.60E+00
4.49E+01	-9.30E+01	1.74E+02	6.10E-03	-5.60E+00
4.49E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.60E+00
4.49E+01	-9.30E+01	1.75E+02	-1.59E-02	-5.59E+00
4.50E+01	-9.30E+01	1.75E+02	-3.78E-02	-5.60E+00
4.50E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.59E+00
4.50E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.58E+00
4.50E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.59E+00
4.50E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.58E+00
4.51E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.59E+00
4.51E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.58E+00
4.51E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.58E+00
4.51E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.58E+00
4.51E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.57E+00
4.52E+01	-9.30E+01	1.75E+02	-3.66E-03	-5.57E+00
4.52E+01	-9.30E+01	1.74E+02	-1.83E-02	-5.57E+00
4.52E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.58E+00
4.52E+01	-9.30E+01	1.75E+02	-2.08E-02	-5.57E+00
4.52E+01	-9.30E+01	1.74E+02	-8.54E-03	-5.58E+00
4.53E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.57E+00
4.53E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.57E+00
4.53E+01	-9.30E+01	1.74E+02	-1.83E-02	-5.55E+00
4.53E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.56E+00
4.53E+01	-9.30E+01	1.75E+02	-2.32E-02	-5.57E+00
4.54E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.56E+00
4.54E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.56E+00
4.54E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.56E+00
4.54E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.54E+00
4.54E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.55E+00
4.55E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.55E+00
4.55E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.55E+00
4.55E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.55E+00
4.55E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.55E+00
4.55E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.55E+00
4.56E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.54E+00
4.56E+01	-9.30E+01	1.75E+02	-4.88E-02	-5.54E+00
4.56E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.54E+00
4.56E+01	-9.30E+01	1.75E+02	-3.54E-02	-5.55E+00
4.56E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.54E+00
4.57E+01	-9.30E+01	1.74E+02	-1.83E-02	-5.53E+00
4.57E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.53E+00
4.57E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.53E+00
4.57E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.52E+00

4.57E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.52E+00
4.58E+01	-9.30E+01	1.75E+02	-8.54E-03	-5.52E+00
4.58E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.53E+00
4.58E+01	-9.30E+01	1.74E+02	-4.15E-02	-5.52E+00
4.58E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.52E+00
4.58E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.52E+00
4.59E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.51E+00
4.59E+01	-9.30E+01	1.75E+02	-2.32E-02	-5.51E+00
4.59E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.52E+00
4.59E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.51E+00
4.59E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.51E+00
4.60E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.51E+00
4.60E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.50E+00
4.60E+01	-9.30E+01	1.74E+02	-5.13E-02	-5.51E+00
4.60E+01	-9.30E+01	1.74E+02	-6.10E-03	-5.50E+00
4.60E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.50E+00
4.61E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.50E+00
4.61E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.48E+00
4.61E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.50E+00
4.61E+01	-9.30E+01	1.75E+02	2.44E-03	-5.49E+00
4.61E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.49E+00
4.62E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.50E+00
4.62E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.49E+00
4.62E+01	-9.30E+01	1.75E+02	-1.34E-02	-5.49E+00
4.62E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.48E+00
4.62E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.49E+00
4.63E+01	-9.30E+01	1.75E+02	3.66E-03	-5.47E+00
4.63E+01	-9.30E+01	1.74E+02	-1.83E-02	-5.48E+00
4.63E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.48E+00
4.63E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.48E+00
4.63E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.47E+00
4.64E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.46E+00
4.64E+01	-9.30E+01	1.75E+02	-2.32E-02	-5.47E+00
4.64E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.47E+00
4.64E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.47E+00
4.64E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.46E+00
4.65E+01	-9.30E+01	1.75E+02	-1.59E-02	-5.46E+00
4.65E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.46E+00
4.65E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.46E+00
4.65E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.47E+00
4.65E+01	-9.30E+01	1.75E+02	-4.39E-02	-5.45E+00
4.66E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.46E+00
4.66E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.45E+00
4.66E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.45E+00
4.66E+01	-9.30E+01	1.75E+02	-1.34E-02	-5.46E+00
4.66E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.44E+00
4.67E+01	-9.30E+01	1.74E+02	-7.32E-03	-5.45E+00

4.67E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.44E+00
4.67E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.44E+00
4.67E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.44E+00
4.67E+01	-9.30E+01	1.74E+02	-4.39E-02	-5.45E+00
4.68E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.44E+00
4.68E+01	-9.30E+01	1.75E+02	1.46E-02	-5.45E+00
4.68E+01	-9.30E+01	1.74E+02	-2.32E-02	-5.44E+00
4.68E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.44E+00
4.68E+01	-9.30E+01	1.74E+02	-1.59E-02	-5.43E+00
4.69E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.43E+00
4.69E+01	-9.30E+01	1.74E+02	-1.83E-02	-5.42E+00
4.69E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.43E+00
4.69E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.43E+00
4.69E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.43E+00
4.70E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.42E+00
4.70E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.42E+00
4.70E+01	-9.30E+01	1.74E+02	-3.66E-03	-5.43E+00
4.70E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.42E+00
4.70E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.42E+00
4.71E+01	-9.30E+01	1.74E+02	-2.44E-03	-5.41E+00
4.71E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.41E+00
4.71E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.41E+00
4.71E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.41E+00
4.71E+01	-9.30E+01	1.74E+02	-2.08E-02	-5.40E+00
4.72E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.41E+00
4.72E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.41E+00
4.72E+01	-9.30E+01	1.74E+02	-7.32E-03	-5.41E+00
4.72E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.40E+00
4.72E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.40E+00
4.73E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.39E+00
4.73E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.40E+00
4.73E+01	-9.30E+01	1.74E+02	-2.08E-02	-5.40E+00
4.73E+01	-9.30E+01	1.74E+02	-8.54E-03	-5.40E+00
4.73E+01	-9.30E+01	1.74E+02	-1.59E-02	-5.39E+00
4.74E+01	-9.30E+01	1.74E+02	-3.66E-03	-5.39E+00
4.74E+01	-9.30E+01	1.74E+02	-8.54E-03	-5.39E+00
4.74E+01	-9.30E+01	1.74E+02	-4.88E-03	-5.39E+00
4.74E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.38E+00
4.74E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.38E+00
4.75E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.40E+00
4.75E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.38E+00
4.75E+01	-9.30E+01	1.73E+02	-3.66E-02	-5.38E+00
4.75E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.38E+00
4.75E+01	-9.30E+01	1.74E+02	-2.32E-02	-5.38E+00
4.76E+01	-9.30E+01	1.74E+02	-4.15E-02	-5.37E+00
4.76E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.36E+00
4.76E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.37E+00

4.76E+01	-9.30E+01	1.74E+02	-1.59E-02	-5.37E+00
4.76E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.35E+00
4.77E+01	-9.30E+01	1.73E+02	-1.22E-02	-5.37E+00
4.77E+01	-9.30E+01	1.73E+02	-1.10E-02	-5.37E+00
4.77E+01	-9.30E+01	1.74E+02	-4.64E-02	-5.36E+00
4.77E+01	-9.30E+01	1.74E+02	-1.59E-02	-5.36E+00
4.77E+01	-9.30E+01	1.74E+02	1.95E-02	-5.36E+00
4.78E+01	-9.30E+01	1.73E+02	-2.08E-02	-5.35E+00
4.78E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.36E+00
4.78E+01	-9.30E+01	1.73E+02	-2.20E-02	-5.36E+00
4.78E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.35E+00
4.78E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.34E+00
4.79E+01	-9.30E+01	1.73E+02	-1.46E-02	-5.35E+00
4.79E+01	-9.30E+01	1.73E+02	-1.46E-02	-5.34E+00
4.79E+01	-9.30E+01	1.73E+02	-2.20E-02	-5.34E+00
4.79E+01	-9.30E+01	1.74E+02	-1.83E-02	-5.34E+00
4.79E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.35E+00
4.80E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.34E+00
4.80E+01	-9.30E+01	1.73E+02	-3.42E-02	-5.34E+00
4.80E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.32E+00
4.80E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.34E+00
4.80E+01	-9.30E+01	1.73E+02	-3.17E-02	-5.33E+00
4.81E+01	-9.30E+01	1.73E+02	1.71E-02	-5.32E+00
4.81E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.33E+00
4.81E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.33E+00
4.81E+01	-9.30E+01	1.73E+02	9.77E-03	-5.33E+00
4.81E+01	-9.30E+01	1.73E+02	-1.46E-02	-5.32E+00
4.82E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.31E+00
4.82E+01	-9.30E+01	1.73E+02	-2.56E-02	-5.32E+00
4.82E+01	-9.30E+01	1.73E+02	-8.54E-03	-5.32E+00
4.82E+01	-9.30E+01	1.73E+02	-1.59E-02	-5.32E+00
4.82E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.32E+00
4.83E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.32E+00
4.83E+01	-9.30E+01	1.74E+02	-1.59E-02	-5.31E+00
4.83E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.31E+00
4.83E+01	-9.30E+01	1.73E+02	-2.44E-02	-5.30E+00
4.83E+01	-9.30E+01	1.73E+02	-4.88E-03	-5.30E+00
4.84E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.31E+00
4.84E+01	-9.30E+01	1.73E+02	-6.10E-03	-5.30E+00
4.84E+01	-9.30E+01	1.73E+02	-1.83E-02	-5.30E+00
4.84E+01	-9.30E+01	1.73E+02	-1.46E-02	-5.30E+00
4.84E+01	-9.30E+01	1.73E+02	1.22E-02	-5.30E+00
4.85E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.29E+00
4.85E+01	-9.30E+01	1.73E+02	-1.22E-02	-5.30E+00
4.85E+01	-9.30E+01	1.73E+02	-2.44E-02	-5.30E+00
4.85E+01	-9.30E+01	1.73E+02	-1.46E-02	-5.28E+00
4.85E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.29E+00

4.86E+01	-9.30E+01	1.73E+02	-3.17E-02	-5.29E+00
4.86E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.29E+00
4.86E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.28E+00
4.86E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.28E+00
4.86E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.29E+00
4.87E+01	-9.30E+01	1.73E+02	-4.88E-03	-5.28E+00
4.87E+01	-9.30E+01	1.73E+02	-2.20E-02	-5.28E+00
4.87E+01	-9.30E+01	1.73E+02	-2.44E-02	-5.27E+00
4.87E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.28E+00
4.87E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.27E+00
4.88E+01	-9.30E+01	1.73E+02	-3.91E-02	-5.27E+00
4.88E+01	-9.30E+01	1.73E+02	-1.10E-02	-5.27E+00
4.88E+01	-9.30E+01	1.73E+02	2.44E-03	-5.27E+00
4.88E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.26E+00
4.88E+01	-9.30E+01	1.73E+02	-1.34E-02	-5.27E+00
4.89E+01	-9.30E+01	1.73E+02	-2.20E-02	-5.27E+00
4.89E+01	-9.30E+01	1.73E+02	-1.83E-02	-5.26E+00
4.89E+01	-9.30E+01	1.73E+02	-1.22E-02	-5.27E+00
4.89E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.26E+00
4.89E+01	-9.30E+01	1.73E+02	2.44E-03	-5.25E+00
4.90E+01	-9.30E+01	1.73E+02	-2.44E-02	-5.26E+00
4.90E+01	-9.30E+01	1.73E+02	-3.17E-02	-5.25E+00
4.90E+01	-9.30E+01	1.73E+02	-1.22E-02	-5.25E+00
4.90E+01	-9.30E+01	1.73E+02	-1.83E-02	-5.26E+00
4.90E+01	-9.30E+01	1.73E+02	-1.46E-02	-5.25E+00
4.91E+01	-9.30E+01	1.73E+02	-1.83E-02	-5.25E+00
4.91E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.24E+00
4.91E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.25E+00
4.91E+01	-9.30E+01	1.73E+02	0.00E+00	-5.24E+00
4.91E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.24E+00
4.92E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.24E+00
4.92E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.23E+00
4.92E+01	-9.30E+01	1.73E+02	-1.46E-02	-5.23E+00
4.92E+01	-9.30E+01	1.73E+02	-2.56E-02	-5.23E+00
4.92E+01	-9.30E+01	1.73E+02	-6.10E-03	-5.24E+00
4.93E+01	-9.30E+01	1.73E+02	-1.46E-02	-5.23E+00
4.93E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.23E+00
4.93E+01	-9.30E+01	1.73E+02	-1.22E-03	-5.23E+00
4.93E+01	-9.30E+01	1.73E+02	-2.08E-02	-5.22E+00
4.93E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.21E+00
4.94E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.22E+00
4.94E+01	-9.30E+01	1.73E+02	-1.22E-02	-5.22E+00
4.94E+01	-9.30E+01	1.73E+02	-3.66E-02	-5.22E+00
4.94E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.22E+00
4.94E+01	-9.30E+01	1.73E+02	9.77E-03	-5.22E+00
4.95E+01	-9.30E+01	1.73E+02	-1.34E-02	-5.22E+00
4.95E+01	-9.30E+01	1.73E+02	-7.32E-03	-5.20E+00

4.95E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.21E+00
4.95E+01	-9.30E+01	1.73E+02	-1.83E-02	-5.21E+00
4.95E+01	-9.30E+01	1.73E+02	-1.10E-02	-5.21E+00
4.96E+01	-9.30E+01	1.72E+02	-9.77E-03	-5.21E+00
4.96E+01	-9.30E+01	1.73E+02	-1.22E-02	-5.20E+00
4.96E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.20E+00
4.96E+01	-9.30E+01	1.73E+02	4.88E-03	-5.20E+00
4.96E+01	-9.30E+01	1.72E+02	-1.71E-02	-5.20E+00
4.97E+01	-9.30E+01	1.72E+02	-6.10E-03	-5.20E+00
4.97E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.19E+00
4.97E+01	-9.30E+01	1.73E+02	-6.10E-03	-5.19E+00
4.97E+01	-9.30E+01	1.73E+02	-2.44E-02	-5.19E+00
4.97E+01	-9.30E+01	1.73E+02	-8.54E-03	-5.18E+00
4.98E+01	-9.30E+01	1.72E+02	-2.44E-03	-5.19E+00
4.98E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.19E+00
4.98E+01	-9.30E+01	1.73E+02	-1.83E-02	-5.18E+00
4.98E+01	-9.30E+01	1.72E+02	-3.78E-02	-5.18E+00
4.98E+01	-9.30E+01	1.73E+02	-1.10E-02	-5.18E+00
4.99E+01	-9.30E+01	1.73E+02	-3.17E-02	-5.17E+00
4.99E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.18E+00
4.99E+01	-9.30E+01	1.72E+02	-1.71E-02	-5.17E+00
4.99E+01	-9.30E+01	1.72E+02	-1.34E-02	-5.18E+00
4.99E+01	-9.30E+01	1.73E+02	-1.22E-02	-5.18E+00
5.00E+01	-9.30E+01	1.73E+02	-1.10E-02	-5.17E+00
5.00E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.18E+00
5.00E+01	-9.30E+01	1.72E+02	-3.91E-02	-5.17E+00
5.00E+01	-9.30E+01	1.72E+02	-1.83E-02	-5.16E+00
5.00E+01	-9.30E+01	1.73E+02	-2.56E-02	-5.17E+00
5.01E+01	-9.30E+01	1.72E+02	-1.34E-02	-5.16E+00
5.01E+01	-9.30E+01	1.73E+02	-2.20E-02	-5.17E+00
5.01E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.16E+00
5.01E+01	-9.30E+01	1.72E+02	-9.77E-03	-5.15E+00
5.01E+01	-9.30E+01	1.72E+02	-1.95E-02	-5.17E+00
5.02E+01	-9.30E+01	1.72E+02	-1.10E-02	-5.15E+00
5.02E+01	-9.30E+01	1.72E+02	-5.49E-02	-5.16E+00
5.02E+01	-9.30E+01	1.72E+02	-1.10E-02	-5.15E+00
5.02E+01	-9.30E+01	1.72E+02	-1.83E-02	-5.15E+00
5.02E+01	-9.30E+01	1.72E+02	-2.69E-02	-5.14E+00
5.03E+01	-9.30E+01	1.72E+02	-6.10E-03	-5.14E+00
5.03E+01	-9.30E+01	1.72E+02	-2.32E-02	-5.14E+00
5.03E+01	-9.30E+01	1.73E+02	-2.56E-02	-5.14E+00
5.03E+01	-9.30E+01	1.72E+02	-1.95E-02	-5.13E+00
5.03E+01	-9.30E+01	1.72E+02	-1.46E-02	-5.14E+00
5.04E+01	-9.30E+01	1.72E+02	-1.22E-02	-5.15E+00
5.04E+01	-9.30E+01	1.72E+02	-1.59E-02	-5.14E+00
5.04E+01	-9.30E+01	1.72E+02	-3.66E-03	-5.14E+00
5.04E+01	-9.30E+01	1.72E+02	-3.54E-02	-5.13E+00

5.04E+01	-9.30E+01	1.72E+02	-1.95E-02	-5.13E+00
5.05E+01	-9.30E+01	1.72E+02	-1.95E-02	-5.12E+00
5.05E+01	-9.30E+01	1.72E+02	-2.20E-02	-5.13E+00
5.05E+01	-9.30E+01	1.72E+02	-2.08E-02	-5.12E+00
5.05E+01	-9.30E+01	1.72E+02	-1.46E-02	-5.13E+00
5.05E+01	-9.30E+01	1.72E+02	-1.46E-02	-5.13E+00
5.06E+01	-9.30E+01	1.72E+02	-1.22E-02	-5.12E+00
5.06E+01	-9.30E+01	1.72E+02	-1.95E-02	-5.12E+00
5.06E+01	-9.30E+01	1.72E+02	9.77E-03	-5.11E+00
5.06E+01	-9.30E+01	1.72E+02	-1.95E-02	-5.12E+00
5.06E+01	-9.30E+01	1.72E+02	-1.95E-02	-5.11E+00
5.07E+01	-9.30E+01	1.72E+02	2.44E-03	-5.12E+00
5.07E+01	-9.30E+01	1.72E+02	-2.44E-02	-5.11E+00
5.07E+01	-9.30E+01	1.72E+02	-1.10E-02	-5.12E+00
5.07E+01	-9.30E+01	1.72E+02	-1.34E-02	-5.11E+00
5.07E+01	-9.30E+01	1.72E+02	-1.22E-02	-5.10E+00
5.08E+01	-9.30E+01	1.72E+02	-2.20E-02	-5.11E+00
5.08E+01	-9.30E+01	1.72E+02	-1.95E-02	-5.10E+00
5.08E+01	-9.30E+01	1.72E+02	-1.71E-02	-5.11E+00
5.08E+01	-9.30E+01	1.72E+02	-1.10E-02	-5.10E+00
5.08E+01	-9.30E+01	1.72E+02	0.00E+00	-5.10E+00
5.09E+01	-9.30E+01	1.72E+02	-1.71E-02	-5.10E+00
5.09E+01	-9.30E+01	1.72E+02	-3.17E-02	-5.10E+00
5.09E+01	-9.30E+01	1.72E+02	-1.22E-02	-5.10E+00
5.09E+01	-9.30E+01	1.72E+02	-9.77E-03	-5.09E+00
5.09E+01	-9.30E+01	1.72E+02	-9.77E-03	-5.09E+00
5.10E+01	-9.30E+01	1.72E+02	-1.71E-02	-5.09E+00
5.10E+01	-9.30E+01	1.72E+02	-2.44E-02	-5.08E+00
5.10E+01	-9.30E+01	1.72E+02	-1.59E-02	-5.09E+00
5.10E+01	-9.30E+01	1.72E+02	-2.44E-03	-5.08E+00
5.10E+01	-9.30E+01	1.72E+02	-2.44E-03	-5.08E+00
5.11E+01	-9.30E+01	1.72E+02	-1.46E-02	-5.08E+00
5.11E+01	-9.30E+01	1.72E+02	-1.71E-02	-5.08E+00
5.11E+01	-9.30E+01	1.71E+02	-2.56E-02	-5.08E+00
5.11E+01	-9.30E+01	1.72E+02	-1.83E-02	-5.09E+00
5.11E+01	-9.30E+01	1.72E+02	-2.81E-02	-5.07E+00
5.12E+01	-9.30E+01	1.71E+02	-6.10E-03	-5.08E+00
5.12E+01	-9.30E+01	1.71E+02	-1.46E-02	-5.07E+00
5.12E+01	-9.30E+01	1.72E+02	-2.20E-02	-5.06E+00
5.12E+01	-9.30E+01	1.71E+02	-1.95E-02	-5.07E+00
5.12E+01	-9.30E+01	1.71E+02	-1.59E-02	-5.06E+00
5.13E+01	-9.30E+01	1.71E+02	-3.05E-02	-5.07E+00
5.13E+01	-9.30E+01	1.71E+02	-1.46E-02	-5.07E+00
5.13E+01	-9.30E+01	1.71E+02	-1.71E-02	-5.06E+00
5.13E+01	-9.30E+01	1.71E+02	-2.20E-02	-5.06E+00
5.13E+01	-9.30E+01	1.72E+02	8.54E-03	-5.05E+00
5.14E+01	-9.30E+01	1.72E+02	-1.46E-02	-5.06E+00

5.14E+01	-9.30E+01	1.71E+02	-2.44E-02	-5.05E+00
5.14E+01	-9.30E+01	1.71E+02	-1.95E-02	-5.05E+00
5.14E+01	-9.30E+01	1.71E+02	-1.34E-02	-5.05E+00
5.14E+01	-9.30E+01	1.72E+02	-2.44E-02	-5.04E+00
5.15E+01	-9.30E+01	1.71E+02	-1.46E-02	-5.04E+00
5.15E+01	-9.30E+01	1.71E+02	-2.56E-02	-5.04E+00
5.15E+01	-9.30E+01	1.71E+02	-1.71E-02	-5.04E+00
5.15E+01	-9.30E+01	1.71E+02	-2.44E-02	-5.04E+00
5.15E+01	-9.30E+01	1.71E+02	-1.46E-02	-5.05E+00
5.16E+01	-9.30E+01	1.71E+02	-2.32E-02	-5.04E+00
5.16E+01	-9.30E+01	1.71E+02	7.32E-03	-5.04E+00
5.16E+01	-9.30E+01	1.71E+02	-1.46E-02	-5.03E+00
5.16E+01	-9.30E+01	1.71E+02	-4.64E-02	-5.03E+00
5.16E+01	-9.30E+01	1.71E+02	-1.71E-02	-5.03E+00
5.17E+01	-9.30E+01	1.71E+02	-2.20E-02	-5.03E+00
5.17E+01	-9.30E+01	1.71E+02	-1.10E-02	-5.03E+00
5.17E+01	-9.30E+01	1.71E+02	-2.20E-02	-5.03E+00
5.17E+01	-9.30E+01	1.71E+02	-2.08E-02	-5.02E+00
5.17E+01	-9.30E+01	1.71E+02	-1.95E-02	-5.03E+00
5.18E+01	-9.30E+01	1.71E+02	-9.77E-03	-5.04E+00
5.18E+01	-9.30E+01	1.71E+02	-1.46E-02	-5.02E+00
5.18E+01	-9.30E+01	1.71E+02	-8.54E-03	-5.02E+00
5.18E+01	-9.30E+01	1.71E+02	-3.17E-02	-5.02E+00
5.18E+01	-9.30E+01	1.70E+02	-1.46E-02	-5.02E+00
5.19E+01	-9.30E+01	1.70E+02	-4.64E-02	-5.01E+00
5.19E+01	-9.30E+01	1.71E+02	-1.22E-02	-5.01E+00
5.19E+01	-9.30E+01	1.70E+02	-2.08E-02	-5.01E+00
5.19E+01	-9.30E+01	1.70E+02	-3.05E-02	-5.01E+00
5.19E+01	-9.30E+01	1.70E+02	-1.46E-02	-5.01E+00
5.20E+01	-9.30E+01	1.71E+02	-1.59E-02	-4.99E+00
5.20E+01	-9.30E+01	1.70E+02	-9.77E-03	-5.01E+00
5.20E+01	-9.30E+01	1.70E+02	-2.44E-03	-5.00E+00
5.20E+01	-9.30E+01	1.70E+02	-1.34E-02	-5.00E+00
5.20E+01	-9.30E+01	1.71E+02	-1.34E-02	-5.00E+00
5.21E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.99E+00
5.21E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.99E+00
5.21E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.99E+00
5.21E+01	-9.30E+01	1.70E+02	-2.44E-02	-5.00E+00
5.21E+01	-9.30E+01	1.70E+02	-2.93E-02	-4.99E+00
5.22E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.99E+00
5.22E+01	-9.30E+01	1.70E+02	1.71E-02	-4.99E+00
5.22E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.98E+00
5.22E+01	-9.30E+01	1.70E+02	-7.32E-03	-5.00E+00
5.22E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.98E+00
5.23E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.98E+00
5.23E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.98E+00
5.23E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.97E+00

5.23E+01	-9.30E+01	1.70E+02	-2.32E-02	-4.98E+00
5.23E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.97E+00
5.24E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.98E+00
5.24E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.97E+00
5.24E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.97E+00
5.24E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.97E+00
5.24E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.96E+00
5.25E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.96E+00
5.25E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.96E+00
5.25E+01	-9.30E+01	1.69E+02	-1.10E-02	-4.96E+00
5.25E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.96E+00
5.25E+01	-9.30E+01	1.69E+02	-7.32E-03	-4.97E+00
5.26E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.96E+00
5.26E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.95E+00
5.26E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.95E+00
5.26E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.95E+00
5.26E+01	-9.30E+01	1.69E+02	-3.17E-02	-4.94E+00
5.27E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.94E+00
5.27E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.96E+00
5.27E+01	-9.30E+01	1.70E+02	-8.54E-03	-4.94E+00
5.27E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.94E+00
5.27E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.94E+00
5.28E+01	-9.30E+01	1.70E+02	-8.54E-03	-4.94E+00
5.28E+01	-9.30E+01	1.69E+02	-2.81E-02	-4.94E+00
5.28E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.93E+00
5.28E+01	-9.30E+01	1.69E+02	1.95E-02	-4.93E+00
5.28E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.93E+00
5.29E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.93E+00
5.29E+01	-9.30E+01	1.69E+02	1.95E-02	-4.93E+00
5.29E+01	-9.30E+01	1.69E+02	-2.08E-02	-4.93E+00
5.29E+01	-9.30E+01	1.69E+02	-1.83E-02	-4.93E+00
5.29E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.93E+00
5.30E+01	-9.30E+01	1.69E+02	-3.17E-02	-4.92E+00
5.30E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.92E+00
5.30E+01	-9.30E+01	1.69E+02	-3.91E-02	-4.92E+00
5.30E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.92E+00
5.30E+01	-9.30E+01	1.69E+02	-2.81E-02	-4.92E+00
5.31E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.91E+00
5.31E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.91E+00
5.31E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.91E+00
5.31E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.91E+00
5.31E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.91E+00
5.32E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.91E+00
5.32E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.90E+00
5.32E+01	-9.30E+01	1.69E+02	-3.17E-02	-4.90E+00
5.32E+01	-9.30E+01	1.69E+02	-3.17E-02	-4.90E+00
5.32E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.92E+00

5.33E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.90E+00
5.33E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.89E+00
5.33E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.89E+00
5.33E+01	-9.30E+01	1.69E+02	-4.88E-03	-4.89E+00
5.33E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.89E+00
5.34E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.88E+00
5.34E+01	-9.30E+01	1.69E+02	-2.08E-02	-4.88E+00
5.34E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.88E+00
5.34E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.88E+00
5.34E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.88E+00
5.35E+01	-9.30E+01	1.69E+02	-4.03E-02	-4.88E+00
5.35E+01	-9.30E+01	1.69E+02	-2.32E-02	-4.88E+00
5.35E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.87E+00
5.35E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.87E+00
5.35E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.88E+00
5.36E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.87E+00
5.36E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.87E+00
5.36E+01	-9.30E+01	1.69E+02	-3.05E-02	-4.87E+00
5.36E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.86E+00
5.36E+01	-9.30E+01	1.69E+02	2.44E-03	-4.87E+00
5.37E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.86E+00
5.37E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.85E+00
5.37E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.86E+00
5.37E+01	-9.30E+01	1.69E+02	-1.10E-02	-4.85E+00
5.37E+01	-9.30E+01	1.69E+02	0.00E+00	-4.85E+00
5.38E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.85E+00
5.38E+01	-9.30E+01	1.69E+02	-3.54E-02	-4.85E+00
5.38E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.85E+00
5.38E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.85E+00
5.38E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.85E+00
5.39E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.85E+00
5.39E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.85E+00
5.39E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.84E+00
5.39E+01	-9.30E+01	1.69E+02	-3.91E-02	-4.84E+00
5.39E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.84E+00
5.40E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.84E+00
5.40E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.84E+00
5.40E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.83E+00
5.40E+01	-9.30E+01	1.69E+02	-1.10E-02	-4.83E+00
5.40E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.84E+00
5.41E+01	-9.30E+01	1.69E+02	-4.15E-02	-4.83E+00
5.41E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.82E+00
5.41E+01	-9.30E+01	1.69E+02	-2.08E-02	-4.82E+00
5.41E+01	-9.30E+01	1.69E+02	-8.54E-03	-4.83E+00
5.41E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.82E+00
5.42E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.82E+00
5.42E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.82E+00

5.42E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.82E+00
5.42E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.82E+00
5.42E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.81E+00
5.43E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.81E+00
5.43E+01	-9.30E+01	1.69E+02	-7.32E-03	-4.81E+00
5.43E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.81E+00
5.43E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.81E+00
5.43E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.81E+00
5.44E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.80E+00
5.44E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.80E+00
5.44E+01	-9.30E+01	1.69E+02	-4.03E-02	-4.80E+00
5.44E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.80E+00
5.44E+01	-9.30E+01	1.69E+02	-4.88E-03	-4.80E+00
5.45E+01	-9.30E+01	1.69E+02	-4.15E-02	-4.80E+00
5.45E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.80E+00
5.45E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.79E+00
5.45E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.79E+00
5.45E+01	-9.30E+01	1.69E+02	0.00E+00	-4.79E+00
5.46E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.79E+00
5.46E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.78E+00
5.46E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.78E+00
5.46E+01	-9.30E+01	1.69E+02	-8.54E-03	-4.79E+00
5.46E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.77E+00
5.47E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.78E+00
5.47E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.76E+00
5.47E+01	-9.30E+01	1.69E+02	-1.83E-02	-4.77E+00
5.47E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.78E+00
5.47E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.77E+00
5.48E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.78E+00
5.48E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.77E+00
5.48E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.76E+00
5.48E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.76E+00
5.48E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.76E+00
5.49E+01	-9.30E+01	1.70E+02	9.77E-03	-4.76E+00
5.49E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.76E+00
5.49E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.76E+00
5.49E+01	-9.30E+01	1.69E+02	-3.66E-02	-4.76E+00
5.49E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.76E+00
5.50E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.76E+00
5.50E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.75E+00
5.50E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.76E+00
5.50E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.75E+00
5.50E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.75E+00
5.51E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.73E+00
5.51E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.74E+00
5.51E+01	-9.30E+01	1.69E+02	-6.10E-03	-4.74E+00
5.51E+01	-9.30E+01	1.69E+02	-2.81E-02	-4.75E+00

5.51E+01	-9.30E+01	1.69E+02	-6.10E-03	-4.74E+00
5.52E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.74E+00
5.52E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.74E+00
5.52E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.74E+00
5.52E+01	-9.30E+01	1.69E+02	-1.83E-02	-4.74E+00
5.52E+01	-9.30E+01	1.69E+02	-5.00E-02	-4.73E+00
5.53E+01	-9.30E+01	1.70E+02	-8.54E-03	-4.73E+00
5.53E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.72E+00
5.53E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.72E+00
5.53E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.72E+00
5.53E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.72E+00
5.54E+01	-9.30E+01	1.69E+02	-3.17E-02	-4.73E+00
5.54E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.72E+00
5.54E+01	-9.30E+01	1.69E+02	-6.10E-03	-4.72E+00
5.54E+01	-9.30E+01	1.69E+02	-2.44E-03	-4.72E+00
5.54E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.71E+00
5.55E+01	-9.30E+01	1.69E+02	-3.66E-03	-4.72E+00
5.55E+01	-9.30E+01	1.69E+02	-2.32E-02	-4.71E+00
5.55E+01	-9.30E+01	1.69E+02	-2.44E-03	-4.72E+00
5.55E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.71E+00
5.55E+01	-9.30E+01	1.69E+02	-2.56E-02	-4.71E+00
5.56E+01	-9.30E+01	1.69E+02	-2.08E-02	-4.71E+00
5.56E+01	-9.30E+01	1.69E+02	-1.10E-02	-4.70E+00
5.56E+01	-9.30E+01	1.69E+02	-1.10E-02	-4.70E+00
5.56E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.70E+00
5.56E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.69E+00
5.57E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.69E+00
5.57E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.69E+00
5.57E+01	-9.30E+01	1.69E+02	-1.83E-02	-4.69E+00
5.57E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.69E+00
5.57E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.69E+00
5.58E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.69E+00
5.58E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.68E+00
5.58E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.68E+00
5.58E+01	-9.30E+01	1.69E+02	-4.88E-03	-4.68E+00
5.58E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.68E+00
5.59E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.68E+00
5.59E+01	-9.30E+01	1.69E+02	-2.81E-02	-4.68E+00
5.59E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.68E+00
5.59E+01	-9.30E+01	1.69E+02	-4.76E-02	-4.67E+00
5.59E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.67E+00
5.60E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.68E+00
5.60E+01	-9.30E+01	1.69E+02	-3.05E-02	-4.67E+00
5.60E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.67E+00
5.60E+01	-9.30E+01	1.69E+02	-2.56E-02	-4.68E+00
5.60E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.66E+00
5.61E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.67E+00

5.61E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.66E+00
5.61E+01	-9.30E+01	1.69E+02	-7.32E-03	-4.66E+00
5.61E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.66E+00
5.61E+01	-9.30E+01	1.69E+02	-3.17E-02	-4.65E+00
5.62E+01	-9.30E+01	1.69E+02	-2.93E-02	-4.66E+00
5.62E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.66E+00
5.62E+01	-9.30E+01	1.69E+02	4.88E-03	-4.65E+00
5.62E+01	-9.30E+01	1.68E+02	-2.20E-02	-4.65E+00
5.62E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.66E+00
5.63E+01	-9.30E+01	1.68E+02	-1.83E-02	-4.64E+00
5.63E+01	-9.30E+01	1.68E+02	-7.32E-03	-4.64E+00
5.63E+01	-9.30E+01	1.68E+02	-3.66E-02	-4.64E+00
5.63E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.64E+00
5.63E+01	-9.30E+01	1.68E+02	7.32E-03	-4.64E+00
5.64E+01	-9.30E+01	1.68E+02	-2.32E-02	-4.63E+00
5.64E+01	-9.30E+01	1.68E+02	-1.83E-02	-4.63E+00
5.64E+01	-9.30E+01	1.68E+02	-2.08E-02	-4.64E+00
5.64E+01	-9.30E+01	1.68E+02	-1.46E-02	-4.63E+00
5.64E+01	-9.30E+01	1.68E+02	-1.46E-02	-4.61E+00
5.65E+01	-9.30E+01	1.68E+02	-1.22E-02	-4.63E+00
5.65E+01	-9.30E+01	1.68E+02	-3.30E-02	-4.63E+00
5.65E+01	-9.30E+01	1.68E+02	-1.46E-02	-4.63E+00
5.65E+01	-9.30E+01	1.68E+02	4.88E-03	-4.63E+00
5.65E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.62E+00
5.66E+01	-9.30E+01	1.68E+02	-9.77E-03	-4.62E+00
5.66E+01	-9.30E+01	1.68E+02	-7.32E-03	-4.62E+00
5.66E+01	-9.30E+01	1.68E+02	-2.08E-02	-4.62E+00
5.66E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.61E+00
5.66E+01	-9.30E+01	1.68E+02	-2.20E-02	-4.61E+00
5.67E+01	-9.30E+01	1.68E+02	-4.15E-02	-4.61E+00
5.67E+01	-9.30E+01	1.68E+02	-1.71E-02	-4.61E+00
5.67E+01	-9.30E+01	1.68E+02	-1.83E-02	-4.61E+00
5.67E+01	-9.30E+01	1.68E+02	1.46E-02	-4.61E+00
5.67E+01	-9.30E+01	1.68E+02	-2.20E-02	-4.61E+00
5.68E+01	-9.30E+01	1.68E+02	-9.77E-03	-4.62E+00
5.68E+01	-9.30E+01	1.68E+02	-2.93E-02	-4.61E+00
5.68E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.60E+00
5.68E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.60E+00
5.68E+01	-9.30E+01	1.68E+02	-4.88E-03	-4.60E+00
5.69E+01	-9.30E+01	1.68E+02	-1.59E-02	-4.59E+00
5.69E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.59E+00
5.69E+01	-9.30E+01	1.68E+02	-2.20E-02	-4.59E+00
5.69E+01	-9.30E+01	1.68E+02	-1.22E-02	-4.59E+00
5.69E+01	-9.30E+01	1.68E+02	-2.20E-02	-4.58E+00
5.70E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.58E+00
5.70E+01	-9.30E+01	1.67E+02	-5.13E-02	-4.59E+00
5.70E+01	-9.30E+01	1.68E+02	-1.46E-02	-4.59E+00

5.70E+01	-9.30E+01	1.68E+02	-1.83E-02	-4.58E+00
5.70E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.58E+00
5.71E+01	-9.30E+01	1.67E+02	-2.32E-02	-4.58E+00
5.71E+01	-9.30E+01	1.68E+02	-1.71E-02	-4.59E+00
5.71E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.57E+00
5.71E+01	-9.30E+01	1.67E+02	-2.93E-02	-4.58E+00
5.71E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.57E+00
5.72E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.57E+00
5.72E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.57E+00
5.72E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.56E+00
5.72E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.57E+00
5.72E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.57E+00
5.73E+01	-9.30E+01	1.67E+02	-4.88E-03	-4.57E+00
5.73E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.56E+00
5.73E+01	-9.30E+01	1.67E+02	-2.32E-02	-4.56E+00
5.73E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.56E+00
5.73E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.56E+00
5.74E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.55E+00
5.74E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.55E+00
5.74E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.56E+00
5.74E+01	-9.30E+01	1.67E+02	-2.32E-02	-4.54E+00
5.74E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.55E+00
5.75E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.55E+00
5.75E+01	-9.30E+01	1.67E+02	-2.81E-02	-4.54E+00
5.75E+01	-9.30E+01	1.67E+02	-1.59E-02	-4.54E+00
5.75E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.54E+00
5.75E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.53E+00
5.76E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.54E+00
5.76E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.53E+00
5.76E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.53E+00
5.76E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.54E+00
5.76E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.53E+00
5.77E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.52E+00
5.77E+01	-9.30E+01	1.67E+02	6.10E-03	-4.53E+00
5.77E+01	-9.30E+01	1.66E+02	-2.56E-02	-4.52E+00
5.77E+01	-9.30E+01	1.66E+02	-1.10E-02	-4.51E+00
5.77E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.52E+00
5.78E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.50E+00
5.78E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.52E+00
5.78E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.52E+00
5.78E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.51E+00
5.78E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.51E+00
5.79E+01	-9.30E+01	1.67E+02	-4.88E-03	-4.51E+00
5.79E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.51E+00
5.79E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.49E+00
5.79E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.51E+00
5.79E+01	-9.30E+01	1.66E+02	4.88E-03	-4.50E+00

5.80E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.50E+00
5.80E+01	-9.30E+01	1.66E+02	-3.17E-02	-4.50E+00
5.80E+01	-9.30E+01	1.66E+02	-3.66E-02	-4.50E+00
5.80E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.50E+00
5.80E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.50E+00
5.81E+01	-9.30E+01	1.67E+02	-2.56E-02	-4.50E+00
5.81E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.50E+00
5.81E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.49E+00
5.81E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.49E+00
5.81E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.49E+00
5.82E+01	-9.30E+01	1.66E+02	-3.30E-02	-4.48E+00
5.82E+01	-9.30E+01	1.66E+02	-1.59E-02	-4.48E+00
5.82E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.48E+00
5.82E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.49E+00
5.82E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.48E+00
5.83E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.48E+00
5.83E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.48E+00
5.83E+01	-9.30E+01	1.66E+02	-2.32E-02	-4.48E+00
5.83E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.47E+00
5.83E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.47E+00
5.84E+01	-9.30E+01	1.67E+02	4.88E-03	-4.46E+00
5.84E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.47E+00
5.84E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.45E+00
5.84E+01	-9.30E+01	1.66E+02	-1.59E-02	-4.46E+00
5.84E+01	-9.30E+01	1.66E+02	-3.66E-02	-4.46E+00
5.85E+01	-9.30E+01	1.66E+02	-1.83E-02	-4.46E+00
5.85E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.46E+00
5.85E+01	-9.30E+01	1.66E+02	-3.54E-02	-4.46E+00
5.85E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.46E+00
5.85E+01	-9.30E+01	1.66E+02	-2.44E-03	-4.46E+00
5.86E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.45E+00
5.86E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.44E+00
5.86E+01	-9.30E+01	1.66E+02	-1.83E-02	-4.45E+00
5.86E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.45E+00
5.86E+01	-9.30E+01	1.66E+02	-2.56E-02	-4.45E+00
5.87E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.44E+00
5.87E+01	-9.30E+01	1.67E+02	-3.66E-02	-4.44E+00
5.87E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.44E+00
5.87E+01	-9.30E+01	1.67E+02	-2.08E-02	-4.45E+00
5.87E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.44E+00
5.88E+01	-9.30E+01	1.67E+02	-1.10E-02	-4.43E+00
5.88E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.42E+00
5.88E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.43E+00
5.88E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.43E+00
5.88E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.43E+00
5.89E+01	-9.30E+01	1.66E+02	-3.05E-02	-4.42E+00
5.89E+01	-9.30E+01	1.67E+02	-1.59E-02	-4.43E+00

5.89E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.42E+00
5.89E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.42E+00
5.89E+01	-9.30E+01	1.67E+02	-8.54E-03	-4.42E+00
5.90E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.41E+00
5.90E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.42E+00
5.90E+01	-9.30E+01	1.67E+02	0.00E+00	-4.41E+00
5.90E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.42E+00
5.90E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.42E+00
5.91E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.41E+00
5.91E+01	-9.30E+01	1.67E+02	-2.08E-02	-4.41E+00
5.91E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.39E+00
5.91E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.40E+00
5.91E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.40E+00
5.92E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.40E+00
5.92E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.40E+00
5.92E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.40E+00
5.92E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.38E+00
5.92E+01	-9.30E+01	1.68E+02	-1.46E-02	-4.40E+00
5.93E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.39E+00
5.93E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.39E+00
5.93E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.39E+00
5.93E+01	-9.30E+01	1.68E+02	-4.88E-02	-4.38E+00
5.93E+01	-9.30E+01	1.68E+02	-2.08E-02	-4.39E+00
5.94E+01	-9.30E+01	1.68E+02	-1.83E-02	-4.39E+00
5.94E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.38E+00
5.94E+01	-9.30E+01	1.68E+02	-1.83E-02	-4.38E+00
5.94E+01	-9.30E+01	1.68E+02	-2.44E-02	-4.40E+00
5.94E+01	-9.30E+01	1.68E+02	-7.32E-03	-4.38E+00
5.95E+01	-9.30E+01	1.68E+02	-1.22E-03	-4.38E+00
5.95E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.38E+00
5.95E+01	-9.30E+01	1.68E+02	-2.44E-02	-4.37E+00
5.95E+01	-9.30E+01	1.68E+02	-1.71E-02	-4.37E+00
5.95E+01	-9.30E+01	1.68E+02	-3.17E-02	-4.37E+00
5.96E+01	-9.30E+01	1.68E+02	-1.10E-02	-4.37E+00
5.96E+01	-9.30E+01	1.68E+02	-1.34E-02	-4.37E+00
5.96E+01	-9.30E+01	1.68E+02	-3.17E-02	-4.36E+00
5.96E+01	-9.30E+01	1.68E+02	-1.34E-02	-4.37E+00
5.96E+01	-9.30E+01	1.68E+02	1.22E-03	-4.36E+00
5.97E+01	-9.30E+01	1.68E+02	-1.59E-02	-4.36E+00
5.97E+01	-9.30E+01	1.68E+02	-1.22E-02	-4.37E+00
5.97E+01	-9.30E+01	1.68E+02	-6.10E-03	-4.36E+00
5.97E+01	-9.30E+01	1.68E+02	-8.54E-03	-4.35E+00
5.97E+01	-9.30E+01	1.68E+02	-1.71E-02	-4.36E+00
5.98E+01	-9.30E+01	1.68E+02	-2.32E-02	-4.35E+00
5.98E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.36E+00
5.98E+01	-9.30E+01	1.68E+02	-1.46E-02	-4.35E+00
5.98E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.35E+00

5.98E+01	-9.30E+01	1.68E+02	-1.46E-02	-4.35E+00
5.99E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.35E+00
5.99E+01	-9.30E+01	1.69E+02	-2.08E-02	-4.34E+00
5.99E+01	-9.30E+01	1.68E+02	-7.32E-03	-4.35E+00
5.99E+01	-9.30E+01	1.69E+02	-3.30E-02	-4.34E+00
5.99E+01	-9.30E+01	1.68E+02	-1.83E-02	-4.33E+00
6.00E+01	-9.30E+01	1.68E+02	-3.42E-02	-4.34E+00
6.00E+01	-9.30E+01	1.68E+02	-1.34E-02	-4.34E+00
6.00E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.33E+00
6.00E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.33E+00
6.00E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.33E+00
6.01E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.33E+00
6.01E+01	-9.30E+01	1.69E+02	-2.32E-02	-4.33E+00
6.01E+01	-9.30E+01	1.69E+02	-3.78E-02	-4.33E+00
6.01E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.33E+00
6.01E+01	-9.30E+01	1.69E+02	-1.10E-02	-4.31E+00
6.02E+01	-9.30E+01	1.69E+02	-7.32E-03	-4.32E+00
6.02E+01	-9.30E+01	1.69E+02	-4.15E-02	-4.33E+00
6.02E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.31E+00
6.02E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.31E+00
6.02E+01	-9.30E+01	1.69E+02	-4.52E-02	-4.31E+00
6.03E+01	-9.30E+01	1.69E+02	-8.54E-03	-4.31E+00
6.03E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.30E+00
6.03E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.30E+00
6.03E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.30E+00
6.03E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.31E+00
6.04E+01	-9.30E+01	1.69E+02	3.66E-03	-4.31E+00
6.04E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.30E+00
6.04E+01	-9.30E+01	1.69E+02	-2.93E-02	-4.29E+00
6.04E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.30E+00
6.04E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.30E+00
6.05E+01	-9.30E+01	1.69E+02	-4.88E-03	-4.29E+00
6.05E+01	-9.30E+01	1.69E+02	-7.32E-03	-4.29E+00
6.05E+01	-9.30E+01	1.69E+02	-4.88E-03	-4.29E+00
6.05E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.29E+00
6.05E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.29E+00
6.06E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.29E+00
6.06E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.28E+00
6.06E+01	-9.30E+01	1.69E+02	-2.08E-02	-4.28E+00
6.06E+01	-9.30E+01	1.69E+02	-2.32E-02	-4.28E+00
6.06E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.28E+00
6.07E+01	-9.30E+01	1.69E+02	-1.83E-02	-4.28E+00
6.07E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.27E+00
6.07E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.27E+00
6.07E+01	-9.30E+01	1.69E+02	-7.32E-03	-4.28E+00
6.07E+01	-9.30E+01	1.69E+02	-2.44E-03	-4.27E+00
6.08E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.26E+00

6.08E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.27E+00
6.08E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.26E+00
6.08E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.26E+00
6.08E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.26E+00
6.09E+01	-9.30E+01	1.70E+02	-1.10E-02	-4.26E+00
6.09E+01	-9.30E+01	1.69E+02	-3.91E-02	-4.26E+00
6.09E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.26E+00
6.09E+01	-9.30E+01	1.70E+02	4.88E-03	-4.25E+00
6.09E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.25E+00
6.10E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.26E+00
6.10E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.25E+00
6.10E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.25E+00
6.10E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.26E+00
6.10E+01	-9.30E+01	1.70E+02	-8.54E-03	-4.24E+00
6.11E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.24E+00
6.11E+01	-9.30E+01	1.70E+02	-1.10E-02	-4.24E+00
6.11E+01	-9.30E+01	1.70E+02	7.32E-03	-4.24E+00
6.11E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.24E+00
6.11E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.23E+00
6.12E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.23E+00
6.12E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.23E+00
6.12E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.24E+00
6.12E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.23E+00
6.12E+01	-9.30E+01	1.70E+02	-3.66E-02	-4.23E+00
6.13E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.23E+00
6.13E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.23E+00
6.13E+01	-9.30E+01	1.70E+02	9.77E-03	-4.22E+00
6.13E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.22E+00
6.13E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.22E+00
6.14E+01	-9.30E+01	1.70E+02	-6.10E-03	-4.22E+00
6.14E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.21E+00
6.14E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.22E+00
6.14E+01	-9.30E+01	1.70E+02	-3.91E-02	-4.21E+00
6.14E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.21E+00
6.15E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.21E+00
6.15E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.21E+00
6.15E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.21E+00
6.15E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.22E+00
6.15E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.20E+00
6.16E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.20E+00
6.16E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.20E+00
6.16E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.20E+00
6.16E+01	-9.30E+01	1.70E+02	-3.05E-02	-4.19E+00
6.16E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.20E+00
6.17E+01	-9.30E+01	1.70E+02	1.22E-02	-4.19E+00
6.17E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.19E+00
6.17E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.20E+00

6.17E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.19E+00
6.17E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.18E+00
6.18E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.17E+00
6.18E+01	-9.30E+01	1.71E+02	-3.54E-02	-4.18E+00
6.18E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.18E+00
6.18E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.18E+00
6.18E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.17E+00
6.19E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.17E+00
6.19E+01	-9.30E+01	1.71E+02	-2.32E-02	-4.18E+00
6.19E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.17E+00
6.19E+01	-9.30E+01	1.70E+02	-1.34E-02	-4.17E+00
6.19E+01	-9.30E+01	1.70E+02	7.32E-03	-4.17E+00
6.20E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.17E+00
6.20E+01	-9.30E+01	1.71E+02	-5.37E-02	-4.17E+00
6.20E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.17E+00
6.20E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.17E+00
6.20E+01	-9.30E+01	1.71E+02	-4.64E-02	-4.16E+00
6.21E+01	-9.30E+01	1.71E+02	-1.22E-03	-4.16E+00
6.21E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.16E+00
6.21E+01	-9.30E+01	1.70E+02	-7.32E-03	-4.16E+00
6.21E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.16E+00
6.21E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.16E+00
6.22E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.15E+00
6.22E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.15E+00
6.22E+01	-9.30E+01	1.70E+02	-2.32E-02	-4.14E+00
6.22E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.15E+00
6.22E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.15E+00
6.23E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.15E+00
6.23E+01	-9.30E+01	1.70E+02	-1.34E-02	-4.14E+00
6.23E+01	-9.30E+01	1.71E+02	6.10E-03	-4.14E+00
6.23E+01	-9.30E+01	1.71E+02	-3.66E-03	-4.14E+00
6.23E+01	-9.30E+01	1.71E+02	-1.34E-02	-4.15E+00
6.24E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.14E+00
6.24E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.14E+00
6.24E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.14E+00
6.24E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.13E+00
6.24E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.13E+00
6.25E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.12E+00
6.25E+01	-9.30E+01	1.71E+02	-2.56E-02	-4.13E+00
6.25E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.12E+00
6.25E+01	-9.30E+01	1.70E+02	-3.91E-02	-4.13E+00
6.25E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.12E+00
6.26E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.12E+00
6.26E+01	-9.30E+01	1.70E+02	-3.42E-02	-4.12E+00
6.26E+01	-9.30E+01	1.70E+02	-2.32E-02	-4.11E+00
6.26E+01	-9.30E+01	1.70E+02	-3.91E-02	-4.11E+00
6.26E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.11E+00

6.27E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.10E+00
6.27E+01	-9.30E+01	1.70E+02	-4.27E-02	-4.10E+00
6.27E+01	-9.30E+01	1.70E+02	-1.10E-02	-4.11E+00
6.27E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.09E+00
6.27E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.10E+00
6.28E+01	-9.30E+01	1.70E+02	-3.91E-02	-4.11E+00
6.28E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.10E+00
6.28E+01	-9.30E+01	1.70E+02	-2.32E-02	-4.09E+00
6.28E+01	-9.30E+01	1.70E+02	-6.10E-03	-4.10E+00
6.28E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.10E+00
6.29E+01	-9.30E+01	1.70E+02	-1.34E-02	-4.09E+00
6.29E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.09E+00
6.29E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.09E+00
6.29E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.09E+00
6.29E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.08E+00
6.30E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.09E+00
6.30E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.08E+00
6.30E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.08E+00
6.30E+01	-9.30E+01	1.70E+02	-7.32E-03	-4.07E+00
6.30E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.08E+00
6.31E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.08E+00
6.31E+01	-9.30E+01	1.70E+02	-1.10E-02	-4.07E+00
6.31E+01	-9.30E+01	1.70E+02	-1.10E-02	-4.07E+00
6.31E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.07E+00
6.31E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.07E+00
6.32E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.07E+00
6.32E+01	-9.30E+01	1.69E+02	-2.08E-02	-4.07E+00
6.32E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.07E+00
6.32E+01	-9.30E+01	1.70E+02	4.88E-03	-4.06E+00
6.32E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.06E+00
6.33E+01	-9.30E+01	1.69E+02	-2.44E-03	-4.06E+00
6.33E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.06E+00
6.33E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.04E+00
6.33E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.06E+00
6.33E+01	-9.30E+01	1.70E+02	-2.93E-02	-4.05E+00
6.34E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.05E+00
6.34E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.05E+00
6.34E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.05E+00
6.34E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.05E+00
6.34E+01	-9.30E+01	1.69E+02	-1.10E-02	-4.04E+00
6.35E+01	-9.30E+01	1.70E+02	-8.54E-03	-4.05E+00
6.35E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.04E+00
6.35E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.04E+00
6.35E+01	-9.30E+01	1.69E+02	-2.81E-02	-4.03E+00
6.35E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.04E+00
6.36E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.03E+00
6.36E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.03E+00

6.36E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.03E+00
6.36E+01	-9.30E+01	1.69E+02	-3.17E-02	-4.03E+00
6.36E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.03E+00
6.37E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.02E+00
6.37E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.02E+00
6.37E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.03E+00
6.37E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.02E+00
6.37E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.02E+00
6.38E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.02E+00
6.38E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.02E+00
6.38E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.00E+00
6.38E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.01E+00
6.38E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.02E+00
6.39E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.01E+00
6.39E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.01E+00
6.39E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.01E+00
6.39E+01	-9.30E+01	1.69E+02	-2.56E-02	-4.00E+00
6.39E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.00E+00
6.40E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.00E+00
6.40E+01	-9.30E+01	1.69E+02	-2.44E-03	-4.01E+00
6.40E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.00E+00
6.40E+01	-9.30E+01	1.69E+02	-8.54E-03	-4.00E+00
6.40E+01	-9.30E+01	1.69E+02	-7.32E-03	-4.00E+00
6.41E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.99E+00
6.41E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.99E+00
6.41E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.99E+00
6.41E+01	-9.30E+01	1.69E+02	-2.08E-02	-3.97E+00
6.41E+01	-9.30E+01	1.70E+02	-8.54E-03	-3.99E+00
6.42E+01	-9.30E+01	1.69E+02	7.32E-03	-3.99E+00
6.42E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.98E+00
6.42E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.98E+00
6.42E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.98E+00
6.42E+01	-9.30E+01	1.69E+02	0.00E+00	-3.99E+00
6.43E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.97E+00
6.43E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.97E+00
6.43E+01	-9.30E+01	1.69E+02	1.71E-02	-3.97E+00
6.43E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.97E+00
6.43E+01	-9.30E+01	1.69E+02	1.71E-02	-3.97E+00
6.44E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.97E+00
6.44E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.98E+00
6.44E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.96E+00
6.44E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.97E+00
6.44E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.96E+00
6.45E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.96E+00
6.45E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.96E+00
6.45E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.96E+00
6.45E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.96E+00

6.45E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.95E+00
6.46E+01	-9.30E+01	1.70E+02	-3.17E-02	-3.95E+00
6.46E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.95E+00
6.46E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.95E+00
6.46E+01	-9.30E+01	1.69E+02	1.10E-02	-3.95E+00
6.46E+01	-9.30E+01	1.70E+02	-2.56E-02	-3.94E+00
6.47E+01	-9.30E+01	1.70E+02	-1.83E-02	-3.96E+00
6.47E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.94E+00
6.47E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.94E+00
6.47E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.94E+00
6.47E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.94E+00
6.48E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.93E+00
6.48E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.93E+00
6.48E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.93E+00
6.48E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.93E+00
6.48E+01	-9.30E+01	1.70E+02	-4.88E-03	-3.93E+00
6.49E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.93E+00
6.49E+01	-9.30E+01	1.70E+02	9.77E-03	-3.92E+00
6.49E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.92E+00
6.49E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.94E+00
6.49E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.92E+00
6.50E+01	-9.30E+01	1.70E+02	1.71E-02	-3.92E+00
6.50E+01	-9.30E+01	1.70E+02	-1.34E-02	-3.92E+00
6.50E+01	-9.30E+01	1.70E+02	-1.59E-02	-3.93E+00
6.50E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.91E+00
6.50E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.92E+00
6.51E+01	-9.30E+01	1.70E+02	-2.44E-03	-3.91E+00
6.51E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.91E+00
6.51E+01	-9.30E+01	1.70E+02	1.59E-02	-3.91E+00
6.51E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.90E+00
6.51E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.89E+00
6.52E+01	-9.30E+01	1.70E+02	-1.59E-02	-3.90E+00
6.52E+01	-9.30E+01	1.70E+02	0.00E+00	-3.90E+00
6.52E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.90E+00
6.52E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.90E+00
6.52E+01	-9.30E+01	1.70E+02	-4.88E-03	-3.89E+00
6.53E+01	-9.30E+01	1.70E+02	-2.32E-02	-3.89E+00
6.53E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.90E+00
6.53E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.89E+00
6.53E+01	-9.30E+01	1.70E+02	-5.49E-02	-3.88E+00
6.53E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.89E+00
6.54E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.87E+00
6.54E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.88E+00
6.54E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.88E+00
6.54E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.88E+00
6.54E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.88E+00
6.55E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.88E+00

6.55E+01	-9.30E+01	1.71E+02	-1.83E-02	-3.87E+00
6.55E+01	-9.30E+01	1.71E+02	-4.88E-03	-3.86E+00
6.55E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.87E+00
6.55E+01	-9.30E+01	1.70E+02	-3.66E-02	-3.87E+00
6.56E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.87E+00
6.56E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.86E+00
6.56E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.87E+00
6.56E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.86E+00
6.56E+01	-9.30E+01	1.70E+02	-1.34E-02	-3.85E+00
6.57E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.86E+00
6.57E+01	-9.30E+01	1.70E+02	7.32E-03	-3.86E+00
6.57E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.86E+00
6.57E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.85E+00
6.57E+01	-9.30E+01	1.70E+02	-2.08E-02	-3.86E+00
6.58E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.85E+00
6.58E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.85E+00
6.58E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.85E+00
6.58E+01	-9.30E+01	1.70E+02	-3.91E-02	-3.85E+00
6.58E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.85E+00
6.59E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.85E+00
6.59E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.84E+00
6.59E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.84E+00
6.59E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.83E+00
6.59E+01	-9.30E+01	1.70E+02	-5.37E-02	-3.84E+00
6.60E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.83E+00
6.60E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.82E+00
6.60E+01	-9.30E+01	1.71E+02	-1.59E-02	-3.83E+00
6.60E+01	-9.30E+01	1.70E+02	-1.83E-02	-3.83E+00
6.60E+01	-9.30E+01	1.70E+02	-8.54E-03	-3.84E+00
6.61E+01	-9.30E+01	1.71E+02	-2.44E-03	-3.82E+00
6.61E+01	-9.30E+01	1.71E+02	-2.93E-02	-3.83E+00
6.61E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.82E+00
6.61E+01	-9.30E+01	1.70E+02	-1.10E-02	-3.83E+00
6.61E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.82E+00
6.62E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.82E+00
6.62E+01	-9.30E+01	1.70E+02	-1.34E-02	-3.82E+00
6.62E+01	-9.30E+01	1.71E+02	-9.77E-03	-3.81E+00
6.62E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.82E+00
6.62E+01	-9.30E+01	1.71E+02	-1.83E-02	-3.81E+00
6.63E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.81E+00
6.63E+01	-9.30E+01	1.71E+02	-1.10E-02	-3.81E+00
6.63E+01	-9.30E+01	1.71E+02	1.22E-03	-3.81E+00
6.63E+01	-9.30E+01	1.71E+02	-2.56E-02	-3.81E+00
6.63E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.82E+00
6.64E+01	-9.30E+01	1.71E+02	1.71E-02	-3.80E+00
6.64E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.80E+00
6.64E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.78E+00

6.64E+01	-9.30E+01	1.71E+02	-9.77E-03	-3.80E+00
6.64E+01	-9.30E+01	1.71E+02	-2.08E-02	-3.80E+00
6.65E+01	-9.30E+01	1.71E+02	-1.46E-02	-3.79E+00
6.65E+01	-9.30E+01	1.71E+02	-2.56E-02	-3.79E+00
6.65E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.79E+00
6.65E+01	-9.30E+01	1.71E+02	-2.69E-02	-3.80E+00
6.65E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.79E+00
6.66E+01	-9.30E+01	1.71E+02	-1.10E-02	-3.78E+00
6.66E+01	-9.30E+01	1.71E+02	1.22E-02	-3.78E+00
6.66E+01	-9.30E+01	1.71E+02	-1.10E-02	-3.79E+00
6.66E+01	-9.30E+01	1.71E+02	-7.32E-03	-3.78E+00
6.66E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.78E+00
6.67E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.79E+00
6.67E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.78E+00
6.67E+01	-9.30E+01	1.71E+02	-1.10E-02	-3.77E+00
6.67E+01	-9.30E+01	1.71E+02	-1.46E-02	-3.77E+00
6.67E+01	-9.30E+01	1.71E+02	-1.83E-02	-3.77E+00
6.68E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.77E+00
6.68E+01	-9.30E+01	1.71E+02	-1.46E-02	-3.76E+00
6.68E+01	-9.30E+01	1.71E+02	-9.77E-03	-3.78E+00
6.68E+01	-9.30E+01	1.71E+02	-9.77E-03	-3.76E+00
6.68E+01	-9.30E+01	1.71E+02	-3.91E-02	-3.77E+00
6.69E+01	-9.30E+01	1.71E+02	-1.59E-02	-3.76E+00
6.69E+01	-9.30E+01	1.70E+02	-1.10E-02	-3.75E+00
6.69E+01	-9.30E+01	1.71E+02	-1.59E-02	-3.76E+00
6.69E+01	-9.30E+01	1.71E+02	-2.32E-02	-3.75E+00
6.69E+01	-9.30E+01	1.71E+02	-1.46E-02	-3.75E+00
6.70E+01	-9.30E+01	1.71E+02	-4.88E-03	-3.75E+00
6.70E+01	-9.30E+01	1.71E+02	-4.52E-02	-3.75E+00
6.70E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.75E+00
6.70E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.74E+00
6.70E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.75E+00
6.71E+01	-9.30E+01	1.71E+02	7.32E-03	-3.74E+00
6.71E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.74E+00
6.71E+01	-9.30E+01	1.71E+02	-6.10E-03	-3.73E+00
6.71E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.74E+00
6.71E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.73E+00
6.72E+01	-9.30E+01	1.71E+02	-1.46E-02	-3.74E+00
6.72E+01	-9.30E+01	1.71E+02	-2.69E-02	-3.74E+00
6.72E+01	-9.30E+01	1.71E+02	-7.32E-03	-3.73E+00
6.72E+01	-9.30E+01	1.71E+02	-9.77E-03	-3.73E+00
6.72E+01	-9.30E+01	1.71E+02	-4.88E-03	-3.73E+00
6.73E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.73E+00
6.73E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.72E+00
6.73E+01	-9.30E+01	1.71E+02	-1.34E-02	-3.73E+00
6.73E+01	-9.30E+01	1.71E+02	-1.34E-02	-3.72E+00
6.73E+01	-9.30E+01	1.70E+02	-4.88E-03	-3.72E+00

6.74E+01	-9.30E+01	1.70E+02	-1.59E-02	-3.72E+00
6.74E+01	-9.30E+01	1.71E+02	-1.34E-02	-3.72E+00
6.74E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.72E+00
6.74E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.72E+00
6.74E+01	-9.30E+01	1.71E+02	-9.77E-03	-3.71E+00
6.75E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.71E+00
6.75E+01	-9.30E+01	1.70E+02	-2.08E-02	-3.71E+00
6.75E+01	-9.30E+01	1.70E+02	-3.17E-02	-3.71E+00
6.75E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.71E+00
6.75E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.71E+00
6.76E+01	-9.30E+01	1.70E+02	-5.37E-02	-3.70E+00
6.76E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.70E+00
6.76E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.71E+00
6.76E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.70E+00
6.76E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.71E+00
6.77E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.69E+00
6.77E+01	-9.30E+01	1.70E+02	1.22E-03	-3.69E+00
6.77E+01	-9.30E+01	1.70E+02	-1.59E-02	-3.69E+00
6.77E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.67E+00
6.77E+01	-9.30E+01	1.71E+02	-1.46E-02	-3.69E+00
6.78E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.68E+00
6.78E+01	-9.30E+01	1.70E+02	4.88E-03	-3.68E+00
6.78E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.68E+00
6.78E+01	-9.30E+01	1.70E+02	-3.66E-02	-3.68E+00
6.78E+01	-9.30E+01	1.70E+02	-1.83E-02	-3.68E+00
6.79E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.69E+00
6.79E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.68E+00
6.79E+01	-9.30E+01	1.70E+02	-2.56E-02	-3.68E+00
6.79E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.67E+00
6.79E+01	-9.30E+01	1.70E+02	-6.10E-03	-3.67E+00
6.80E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.67E+00
6.80E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.67E+00
6.80E+01	-9.30E+01	1.70E+02	-8.54E-03	-3.67E+00
6.80E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.66E+00
6.80E+01	-9.30E+01	1.70E+02	-3.30E-02	-3.67E+00
6.81E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.66E+00
6.81E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.68E+00
6.81E+01	-9.30E+01	1.70E+02	-1.10E-02	-3.66E+00
6.81E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.65E+00
6.81E+01	-9.30E+01	1.70E+02	-2.08E-02	-3.65E+00
6.82E+01	-9.30E+01	1.70E+02	-6.10E-03	-3.65E+00
6.82E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.65E+00
6.82E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.64E+00
6.82E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.64E+00
6.82E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.64E+00
6.83E+01	-9.30E+01	1.70E+02	4.88E-03	-3.65E+00
6.83E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.64E+00

6.83E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.63E+00
6.83E+01	-9.30E+01	1.70E+02	0.00E+00	-3.64E+00
6.83E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.64E+00
6.84E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.65E+00
6.84E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.63E+00
6.84E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.64E+00
6.84E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.63E+00
6.84E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.63E+00
6.85E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.63E+00
6.85E+01	-9.30E+01	1.70E+02	-2.56E-02	-3.62E+00
6.85E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.63E+00
6.85E+01	-9.30E+01	1.70E+02	-1.34E-02	-3.62E+00
6.85E+01	-9.30E+01	1.70E+02	7.32E-03	-3.62E+00
6.86E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.62E+00
6.86E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.63E+00
6.86E+01	-9.30E+01	1.70E+02	-2.32E-02	-3.62E+00
6.86E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.61E+00
6.86E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.61E+00
6.87E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.61E+00
6.87E+01	-9.30E+01	1.70E+02	-1.59E-02	-3.61E+00
6.87E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.60E+00
6.87E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.60E+00
6.87E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.61E+00
6.88E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.59E+00
6.88E+01	-9.30E+01	1.70E+02	-1.10E-02	-3.60E+00
6.88E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.60E+00
6.88E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.60E+00
6.88E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.60E+00
6.89E+01	-9.30E+01	1.70E+02	0.00E+00	-3.59E+00
6.89E+01	-9.30E+01	1.70E+02	-2.56E-02	-3.59E+00
6.89E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.60E+00
6.89E+01	-9.30E+01	1.70E+02	-1.83E-02	-3.59E+00
6.89E+01	-9.30E+01	1.70E+02	-2.56E-02	-3.59E+00
6.90E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.58E+00
6.90E+01	-9.30E+01	1.70E+02	1.46E-02	-3.58E+00
6.90E+01	-9.30E+01	1.70E+02	-1.83E-02	-3.58E+00
6.90E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.59E+00
6.90E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.58E+00
6.91E+01	-9.30E+01	1.70E+02	-1.10E-02	-3.57E+00
6.91E+01	-9.30E+01	1.70E+02	-2.08E-02	-3.57E+00
6.91E+01	-9.30E+01	1.70E+02	-1.10E-02	-3.58E+00
6.91E+01	-9.30E+01	1.70E+02	-2.08E-02	-3.58E+00
6.91E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.57E+00
6.92E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.58E+00
6.92E+01	-9.30E+01	1.70E+02	-2.08E-02	-3.56E+00
6.92E+01	-9.30E+01	1.70E+02	-2.56E-02	-3.56E+00
6.92E+01	-9.30E+01	1.70E+02	-1.10E-02	-3.56E+00

6.92E+01	-9.30E+01	1.70E+02	-2.32E-02	-3.56E+00
6.93E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.56E+00
6.93E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.56E+00
6.93E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.55E+00
6.93E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.56E+00
6.93E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.56E+00
6.94E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.55E+00
6.94E+01	-9.30E+01	1.70E+02	-8.54E-03	-3.55E+00
6.94E+01	-9.30E+01	1.70E+02	7.32E-03	-3.55E+00
6.94E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.55E+00
6.94E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.54E+00
6.95E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.54E+00
6.95E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.54E+00
6.95E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.54E+00
6.95E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.54E+00
6.95E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.54E+00
6.96E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.54E+00
6.96E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.53E+00
6.96E+01	-9.30E+01	1.70E+02	-8.54E-03	-3.53E+00
6.96E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.53E+00
6.96E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.53E+00
6.97E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.54E+00
6.97E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.52E+00
6.97E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.53E+00
6.97E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.52E+00
6.97E+01	-9.30E+01	1.69E+02	-3.66E-02	-3.52E+00
6.98E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.52E+00
6.98E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.51E+00
6.98E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.51E+00
6.98E+01	-9.30E+01	1.69E+02	-2.08E-02	-3.52E+00
6.98E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.51E+00
6.99E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.51E+00
6.99E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.51E+00
6.99E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.50E+00
6.99E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.49E+00
6.99E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.50E+00
7.00E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.50E+00
7.00E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.50E+00
7.00E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.49E+00
7.00E+01	-9.30E+01	1.69E+02	0.00E+00	-3.50E+00
7.00E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.50E+00
7.01E+01	-9.30E+01	1.70E+02	-1.10E-02	-3.50E+00
7.01E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.49E+00
7.01E+01	-9.30E+01	1.69E+02	0.00E+00	-3.49E+00
7.01E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.49E+00
7.01E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.48E+00
7.02E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.49E+00

7.02E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.49E+00
7.02E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.49E+00
7.02E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.48E+00
7.02E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.48E+00
7.03E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.48E+00
7.03E+01	-9.30E+01	1.69E+02	-2.08E-02	-3.47E+00
7.03E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.48E+00
7.03E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.46E+00
7.03E+01	-9.30E+01	1.69E+02	-2.56E-02	-3.47E+00
7.04E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.47E+00
7.04E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.47E+00
7.04E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.47E+00
7.04E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.46E+00
7.04E+01	-9.30E+01	1.69E+02	-4.88E-03	-3.46E+00
7.05E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.44E+00
7.05E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.46E+00
7.05E+01	-9.30E+01	1.69E+02	-6.10E-03	-3.45E+00
7.05E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.45E+00
7.05E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.44E+00
7.06E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.45E+00
7.06E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.44E+00
7.06E+01	-9.30E+01	1.69E+02	1.46E-02	-3.45E+00
7.06E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.45E+00
7.06E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.44E+00
7.07E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.44E+00
7.07E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.45E+00
7.07E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.45E+00
7.07E+01	-9.30E+01	1.69E+02	-3.91E-02	-3.44E+00
7.07E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.44E+00
7.08E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.43E+00
7.08E+01	-9.30E+01	1.69E+02	-1.34E-02	-3.43E+00
7.08E+01	-9.30E+01	1.69E+02	-1.34E-02	-3.43E+00
7.08E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.43E+00
7.08E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.43E+00
7.09E+01	-9.30E+01	1.69E+02	-4.39E-02	-3.42E+00
7.09E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.42E+00
7.09E+01	-9.30E+01	1.69E+02	-1.34E-02	-3.42E+00
7.09E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.42E+00
7.09E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.42E+00
7.10E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.42E+00
7.10E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.43E+00
7.10E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.41E+00
7.10E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.42E+00
7.10E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.40E+00
7.11E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.41E+00
7.11E+01	-9.30E+01	1.69E+02	0.00E+00	-3.41E+00
7.11E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.41E+00

7.11E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.40E+00
7.11E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.40E+00
7.12E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.40E+00
7.12E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.41E+00
7.12E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.40E+00
7.12E+01	-9.30E+01	1.69E+02	-3.91E-02	-3.40E+00
7.12E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.40E+00
7.13E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.40E+00
7.13E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.39E+00
7.13E+01	-9.30E+01	1.69E+02	0.00E+00	-3.40E+00
7.13E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.39E+00
7.13E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.39E+00
7.14E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.39E+00
7.14E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.38E+00
7.14E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.39E+00
7.14E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.38E+00
7.14E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.38E+00
7.15E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.37E+00
7.15E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.38E+00
7.15E+01	-9.30E+01	1.69E+02	-4.88E-03	-3.37E+00
7.15E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.38E+00
7.15E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.37E+00
7.16E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.38E+00
7.16E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.37E+00
7.16E+01	-9.30E+01	1.69E+02	-2.08E-02	-3.36E+00
7.16E+01	-9.30E+01	1.69E+02	-2.08E-02	-3.36E+00
7.16E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.37E+00
7.17E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.36E+00
7.17E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.36E+00
7.17E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.35E+00
7.17E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.35E+00
7.17E+01	-9.30E+01	1.69E+02	-2.81E-02	-3.36E+00
7.18E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.35E+00
7.18E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.35E+00
7.18E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.35E+00
7.18E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.34E+00
7.18E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.35E+00
7.19E+01	-9.30E+01	1.69E+02	-2.32E-02	-3.33E+00
7.19E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.34E+00
7.19E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.35E+00
7.19E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.34E+00
7.19E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.33E+00
7.20E+01	-9.30E+01	1.69E+02	2.44E-03	-3.34E+00
7.20E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.33E+00
7.20E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.34E+00
7.20E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.33E+00
7.20E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.32E+00

7.21E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.32E+00
7.21E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.32E+00
7.21E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.32E+00
7.21E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.32E+00
7.21E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.32E+00
7.22E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.32E+00
7.22E+01	-9.30E+01	1.69E+02	0.00E+00	-3.31E+00
7.22E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.31E+00
7.22E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.30E+00
7.22E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.31E+00
7.23E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.31E+00
7.23E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.31E+00
7.23E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.30E+00
7.23E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.30E+00
7.23E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.31E+00
7.24E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.30E+00
7.24E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.30E+00
7.24E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.29E+00
7.24E+01	-9.30E+01	1.69E+02	-2.81E-02	-3.29E+00
7.24E+01	-9.30E+01	1.69E+02	-2.08E-02	-3.29E+00
7.25E+01	-9.30E+01	1.68E+02	-1.83E-02	-3.30E+00
7.25E+01	-9.30E+01	1.69E+02	7.32E-03	-3.29E+00
7.25E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.29E+00
7.25E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.28E+00
7.25E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.28E+00
7.26E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.28E+00
7.26E+01	-9.30E+01	1.69E+02	2.44E-03	-3.28E+00
7.26E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.28E+00
7.26E+01	-9.30E+01	1.69E+02	4.88E-03	-3.27E+00
7.26E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.27E+00
7.27E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.27E+00
7.27E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.27E+00
7.27E+01	-9.30E+01	1.69E+02	-3.91E-02	-3.27E+00
7.27E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.28E+00
7.27E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.27E+00
7.28E+01	-9.30E+01	1.69E+02	-4.15E-02	-3.26E+00
7.28E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.27E+00
7.28E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.25E+00
7.28E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.26E+00
7.28E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.25E+00
7.29E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.26E+00
7.29E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.26E+00
7.29E+01	-9.30E+01	1.69E+02	-3.42E-02	-3.26E+00
7.29E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.25E+00
7.29E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.26E+00
7.30E+01	-9.30E+01	1.69E+02	-4.88E-03	-3.25E+00
7.30E+01	-9.30E+01	1.69E+02	2.44E-03	-3.25E+00

7.30E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.25E+00
7.30E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.24E+00
7.30E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.25E+00
7.31E+01	-9.30E+01	1.69E+02	-4.39E-02	-3.24E+00
7.31E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.24E+00
7.31E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.24E+00
7.31E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.23E+00
7.31E+01	-9.30E+01	1.69E+02	2.44E-03	-3.24E+00
7.32E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.24E+00
7.32E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.22E+00
7.32E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.23E+00
7.32E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.23E+00
7.32E+01	-9.30E+01	1.69E+02	-3.30E-02	-3.22E+00
7.33E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.22E+00
7.33E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.22E+00
7.33E+01	-9.30E+01	1.69E+02	-2.32E-02	-3.23E+00
7.33E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.21E+00
7.33E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.22E+00
7.34E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.22E+00
7.34E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.21E+00
7.34E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.22E+00
7.34E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.21E+00
7.34E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.21E+00
7.35E+01	-9.30E+01	1.69E+02	-1.22E-03	-3.21E+00
7.35E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.20E+00
7.35E+01	-9.30E+01	1.69E+02	1.46E-02	-3.20E+00
7.35E+01	-9.30E+01	1.69E+02	-2.32E-02	-3.20E+00
7.35E+01	-9.30E+01	1.69E+02	0.00E+00	-3.19E+00
7.36E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.20E+00
7.36E+01	-9.30E+01	1.69E+02	-3.05E-02	-3.20E+00
7.36E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.20E+00
7.36E+01	-9.30E+01	1.69E+02	-2.08E-02	-3.20E+00
7.36E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.19E+00
7.37E+01	-9.30E+01	1.69E+02	-6.10E-03	-3.20E+00
7.37E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.19E+00
7.37E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.18E+00
7.37E+01	-9.30E+01	1.69E+02	1.22E-03	-3.19E+00
7.37E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.19E+00
7.38E+01	-9.30E+01	1.69E+02	-2.32E-02	-3.20E+00
7.38E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.18E+00
7.38E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.18E+00
7.38E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.18E+00
7.38E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.18E+00
7.39E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.17E+00
7.39E+01	-9.30E+01	1.69E+02	-2.08E-02	-3.17E+00
7.39E+01	-9.30E+01	1.68E+02	-3.66E-03	-3.18E+00
7.39E+01	-9.30E+01	1.69E+02	-1.34E-02	-3.17E+00

7.39E+01	-9.30E+01	1.69E+02	1.71E-02	-3.17E+00
7.40E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.17E+00
7.40E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.16E+00
7.40E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.16E+00
7.40E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.16E+00
7.40E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.16E+00
7.41E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.16E+00
7.41E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.16E+00
7.41E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.15E+00
7.41E+01	-9.30E+01	1.68E+02	-2.08E-02	-3.16E+00
7.41E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.15E+00
7.42E+01	-9.30E+01	1.69E+02	-5.25E-02	-3.15E+00
7.42E+01	-9.30E+01	1.69E+02	-1.34E-02	-3.15E+00
7.42E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.13E+00
7.42E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.14E+00
7.42E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.14E+00
7.43E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.13E+00
7.43E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.14E+00
7.43E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.14E+00
7.43E+01	-9.30E+01	1.69E+02	-2.32E-02	-3.14E+00
7.43E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.12E+00
7.44E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.13E+00
7.44E+01	-9.30E+01	1.68E+02	-3.66E-03	-3.12E+00
7.44E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.14E+00
7.44E+01	-9.30E+01	1.69E+02	-2.32E-02	-3.14E+00
7.44E+01	-9.30E+01	1.69E+02	-3.91E-02	-3.13E+00
7.45E+01	-9.30E+01	1.69E+02	-1.22E-03	-3.13E+00
7.45E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.13E+00
7.45E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.12E+00
7.45E+01	-9.30E+01	1.69E+02	-1.22E-03	-3.12E+00
7.45E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.12E+00
7.46E+01	-9.30E+01	1.68E+02	-3.17E-02	-3.11E+00
7.46E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.11E+00
7.46E+01	-9.30E+01	1.68E+02	9.77E-03	-3.12E+00
7.46E+01	-9.30E+01	1.69E+02	-2.08E-02	-3.11E+00
7.46E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.12E+00
7.47E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.11E+00
7.47E+01	-9.30E+01	1.69E+02	1.46E-02	-3.11E+00
7.47E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.11E+00
7.47E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.10E+00
7.47E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.10E+00
7.48E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.10E+00
7.48E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.11E+00
7.48E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.09E+00
7.48E+01	-9.30E+01	1.69E+02	-4.64E-02	-3.10E+00
7.48E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.09E+00
7.49E+01	-9.30E+01	1.68E+02	-2.56E-02	-3.09E+00

7.49E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.09E+00
7.49E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.09E+00
7.49E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.09E+00
7.49E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.09E+00
7.50E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.08E+00
7.50E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.09E+00
7.50E+01	-9.30E+01	1.68E+02	-4.15E-02	-3.08E+00
7.50E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.07E+00
7.50E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.08E+00
7.51E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.07E+00
7.51E+01	-9.30E+01	1.69E+02	-4.15E-02	-3.07E+00
7.51E+01	-9.30E+01	1.68E+02	-1.59E-02	-3.08E+00
7.51E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.06E+00
7.51E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.07E+00
7.52E+01	-9.30E+01	1.68E+02	-3.91E-02	-3.06E+00
7.52E+01	-9.30E+01	1.68E+02	-1.59E-02	-3.06E+00
7.52E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.05E+00
7.52E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.06E+00
7.52E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.06E+00
7.53E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.05E+00
7.53E+01	-9.30E+01	1.68E+02	-6.10E-03	-3.06E+00
7.53E+01	-9.30E+01	1.68E+02	-1.10E-02	-3.06E+00
7.53E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.06E+00
7.53E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.05E+00
7.54E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.05E+00
7.54E+01	-9.30E+01	1.68E+02	-1.22E-03	-3.05E+00
7.54E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.04E+00
7.54E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.04E+00
7.54E+01	-9.30E+01	1.68E+02	1.46E-02	-3.04E+00
7.55E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.04E+00
7.55E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.05E+00
7.55E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.04E+00
7.55E+01	-9.30E+01	1.68E+02	-8.54E-03	-3.04E+00
7.55E+01	-9.30E+01	1.68E+02	-2.08E-02	-3.03E+00
7.56E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.04E+00
7.56E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.03E+00
7.56E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.03E+00
7.56E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.03E+00
7.56E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.02E+00
7.57E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.02E+00
7.57E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.03E+00
7.57E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.01E+00
7.57E+01	-9.30E+01	1.69E+02	0.00E+00	-3.02E+00
7.57E+01	-9.30E+01	1.69E+02	-3.05E-02	-3.02E+00
7.58E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.02E+00
7.58E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.02E+00
7.58E+01	-9.30E+01	1.68E+02	-1.59E-02	-3.01E+00

7.58E+01	-9.30E+01	1.69E+02	8.54E-03	-3.01E+00
7.58E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.01E+00
7.59E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.00E+00
7.59E+01	-9.30E+01	1.69E+02	-3.42E-02	-3.01E+00
7.59E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.01E+00
7.59E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.00E+00
7.59E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.00E+00
7.60E+01	-9.30E+01	1.68E+02	8.54E-03	-3.00E+00
7.60E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.99E+00
7.60E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.99E+00
7.60E+01	-9.30E+01	1.68E+02	-1.34E-02	-2.99E+00
7.60E+01	-9.30E+01	1.68E+02	2.44E-03	-2.99E+00
7.61E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.99E+00
7.61E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.99E+00
7.61E+01	-9.30E+01	1.69E+02	-4.64E-02	-2.98E+00
7.61E+01	-9.30E+01	1.68E+02	-2.32E-02	-2.98E+00
7.61E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.98E+00
7.62E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.99E+00
7.62E+01	-9.30E+01	1.68E+02	-4.15E-02	-2.98E+00
7.62E+01	-9.30E+01	1.68E+02	-6.10E-03	-2.97E+00
7.62E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.99E+00
7.62E+01	-9.30E+01	1.68E+02	-1.83E-02	-2.97E+00
7.63E+01	-9.30E+01	1.68E+02	-1.10E-02	-2.98E+00
7.63E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.97E+00
7.63E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.98E+00
7.63E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.96E+00
7.63E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.97E+00
7.64E+01	-9.30E+01	1.68E+02	-6.10E-03	-2.96E+00
7.64E+01	-9.30E+01	1.68E+02	-1.83E-02	-2.96E+00
7.64E+01	-9.30E+01	1.68E+02	-1.10E-02	-2.96E+00
7.64E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.95E+00
7.64E+01	-9.30E+01	1.68E+02	-3.54E-02	-2.95E+00
7.65E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.96E+00
7.65E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.95E+00
7.65E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.95E+00
7.65E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.96E+00
7.65E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.95E+00
7.66E+01	-9.30E+01	1.68E+02	1.34E-02	-2.95E+00
7.66E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.95E+00
7.66E+01	-9.30E+01	1.68E+02	-1.59E-02	-2.94E+00
7.66E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.94E+00
7.66E+01	-9.30E+01	1.68E+02	-8.54E-03	-2.93E+00
7.67E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.94E+00
7.67E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.94E+00
7.67E+01	-9.30E+01	1.68E+02	-3.30E-02	-2.94E+00
7.67E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.93E+00
7.67E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.93E+00

7.68E+01	-9.30E+01	1.67E+02	-2.08E-02	-2.93E+00
7.68E+01	-9.30E+01	1.68E+02	-3.78E-02	-2.93E+00
7.68E+01	-9.30E+01	1.68E+02	-1.59E-02	-2.92E+00
7.68E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.92E+00
7.68E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.92E+00
7.69E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.92E+00
7.69E+01	-9.30E+01	1.68E+02	1.34E-02	-2.92E+00
7.69E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.92E+00
7.69E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.92E+00
7.69E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.92E+00
7.70E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.92E+00
7.70E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.91E+00
7.70E+01	-9.30E+01	1.68E+02	-3.66E-02	-2.91E+00
7.70E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.91E+00
7.70E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.91E+00
7.71E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.91E+00
7.71E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.91E+00
7.71E+01	-9.30E+01	1.67E+02	7.32E-03	-2.90E+00
7.71E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.90E+00
7.71E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.89E+00
7.72E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.90E+00
7.72E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.89E+00
7.72E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.89E+00
7.72E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.89E+00
7.72E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.89E+00
7.73E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.89E+00
7.73E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.89E+00
7.73E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.89E+00
7.73E+01	-9.30E+01	1.67E+02	-4.39E-02	-2.88E+00
7.73E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.88E+00
7.74E+01	-9.30E+01	1.67E+02	-2.08E-02	-2.87E+00
7.74E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.88E+00
7.74E+01	-9.30E+01	1.67E+02	2.44E-03	-2.88E+00
7.74E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.88E+00
7.74E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.86E+00
7.75E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.87E+00
7.75E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.87E+00
7.75E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.87E+00
7.75E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.89E+00
7.75E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.86E+00
7.76E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.87E+00
7.76E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.86E+00
7.76E+01	-9.30E+01	1.67E+02	-3.30E-02	-2.87E+00
7.76E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.86E+00
7.76E+01	-9.30E+01	1.67E+02	-1.34E-02	-2.86E+00
7.77E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.87E+00
7.77E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.86E+00

7.77E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.85E+00
7.77E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.85E+00
7.77E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.85E+00
7.78E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.85E+00
7.78E+01	-9.30E+01	1.67E+02	-3.78E-02	-2.84E+00
7.78E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.84E+00
7.78E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.84E+00
7.78E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.84E+00
7.79E+01	-9.30E+01	1.66E+02	-1.34E-02	-2.84E+00
7.79E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.84E+00
7.79E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.83E+00
7.79E+01	-9.30E+01	1.67E+02	-1.34E-02	-2.82E+00
7.79E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.84E+00
7.80E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.83E+00
7.80E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.83E+00
7.80E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.83E+00
7.80E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.83E+00
7.80E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.83E+00
7.81E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.82E+00
7.81E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.81E+00
7.81E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.82E+00
7.81E+01	-9.30E+01	1.66E+02	-4.64E-02	-2.82E+00
7.81E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.82E+00
7.82E+01	-9.30E+01	1.67E+02	-2.81E-02	-2.83E+00
7.82E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.81E+00
7.82E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.81E+00
7.82E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.81E+00
7.82E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.81E+00
7.83E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.79E+00
7.83E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.81E+00
7.83E+01	-9.30E+01	1.66E+02	-3.30E-02	-2.80E+00
7.83E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.80E+00
7.83E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.80E+00
7.84E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.79E+00
7.84E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.79E+00
7.84E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.79E+00
7.84E+01	-9.30E+01	1.66E+02	-1.34E-02	-2.78E+00
7.84E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.79E+00
7.85E+01	-9.30E+01	1.66E+02	-3.30E-02	-2.79E+00
7.85E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.78E+00
7.85E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.78E+00
7.85E+01	-9.30E+01	1.66E+02	-1.10E-02	-2.78E+00
7.85E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.79E+00
7.86E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.78E+00
7.86E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.78E+00
7.86E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.78E+00
7.86E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.77E+00

7.86E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.76E+00
7.87E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.77E+00
7.87E+01	-9.30E+01	1.66E+02	-2.81E-02	-2.77E+00
7.87E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.77E+00
7.87E+01	-9.30E+01	1.66E+02	-1.34E-02	-2.75E+00
7.87E+01	-9.30E+01	1.66E+02	-1.10E-02	-2.76E+00
7.88E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.76E+00
7.88E+01	-9.30E+01	1.66E+02	-4.64E-02	-2.76E+00
7.88E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.76E+00
7.88E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.75E+00
7.88E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.76E+00
7.89E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.76E+00
7.89E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.75E+00
7.89E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.76E+00
7.89E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.75E+00
7.89E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.75E+00
7.90E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.75E+00
7.90E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.74E+00
7.90E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.74E+00
7.90E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.74E+00
7.90E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.74E+00
7.91E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.74E+00
7.91E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.74E+00
7.91E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.73E+00
7.91E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.73E+00
7.91E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.73E+00
7.92E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.73E+00
7.92E+01	-9.30E+01	1.66E+02	-3.05E-02	-2.72E+00
7.92E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.72E+00
7.92E+01	-9.30E+01	1.66E+02	-3.66E-03	-2.73E+00
7.92E+01	-9.30E+01	1.66E+02	2.44E-03	-2.72E+00
7.93E+01	-9.30E+01	1.66E+02	-6.10E-03	-2.72E+00
7.93E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.73E+00
7.93E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.71E+00
7.93E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.73E+00
7.93E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.71E+00
7.94E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.71E+00
7.94E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.71E+00
7.94E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.71E+00
7.94E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.71E+00
7.94E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.71E+00
7.95E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.70E+00
7.95E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.70E+00
7.95E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.71E+00
7.95E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.70E+00
7.95E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.70E+00
7.96E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.70E+00

7.96E+01	-9.30E+01	1.66E+02	-8.54E-03	-2.69E+00
7.96E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.69E+00
7.96E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.70E+00
7.96E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.69E+00
7.97E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.70E+00
7.97E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.69E+00
7.97E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.69E+00
7.97E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.68E+00
7.97E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.67E+00
7.98E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.68E+00
7.98E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.68E+00
7.98E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.68E+00
7.98E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.68E+00
7.98E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.67E+00
7.99E+01	-9.30E+01	1.66E+02	-8.54E-03	-2.67E+00
7.99E+01	-9.30E+01	1.66E+02	-1.10E-02	-2.67E+00
7.99E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.67E+00
7.99E+01	-9.30E+01	1.66E+02	-3.78E-02	-2.67E+00
7.99E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.66E+00
8.00E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.67E+00
8.00E+01	-9.30E+01	1.66E+02	-2.56E-02	-2.66E+00
8.00E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.66E+00
8.00E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.66E+00
8.00E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.66E+00
8.01E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.66E+00
8.01E+01	-9.30E+01	1.66E+02	3.66E-03	-2.66E+00
8.01E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.65E+00
8.01E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.64E+00
8.01E+01	-9.30E+01	1.67E+02	-2.08E-02	-2.64E+00
8.02E+01	-9.30E+01	1.66E+02	-3.54E-02	-2.65E+00
8.02E+01	-9.30E+01	1.66E+02	-1.10E-02	-2.64E+00
8.02E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.66E+00
8.02E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.64E+00
8.02E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.64E+00
8.03E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.63E+00
8.03E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.64E+00
8.03E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.64E+00
8.03E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.63E+00
8.03E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.63E+00
8.04E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.63E+00
8.04E+01	-9.30E+01	1.67E+02	4.88E-03	-2.62E+00
8.04E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.63E+00
8.04E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.62E+00
8.04E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.62E+00
8.05E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.62E+00
8.05E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.62E+00
8.05E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.61E+00

8.05E+01	-9.30E+01	1.66E+02	-3.66E-03	-2.62E+00
8.05E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.61E+00
8.06E+01	-9.30E+01	1.67E+02	-2.08E-02	-2.61E+00
8.06E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.60E+00
8.06E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.61E+00
8.06E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.61E+00
8.06E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.61E+00
8.07E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.60E+00
8.07E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.60E+00
8.07E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.61E+00
8.07E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.60E+00
8.07E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.60E+00
8.08E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.60E+00
8.08E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.59E+00
8.08E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.59E+00
8.08E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.60E+00
8.08E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.59E+00
8.09E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.59E+00
8.09E+01	-9.30E+01	1.67E+02	-1.10E-02	-2.58E+00
8.09E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.58E+00
8.09E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.59E+00
8.09E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.59E+00
8.10E+01	-9.30E+01	1.67E+02	0.00E+00	-2.58E+00
8.10E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.58E+00
8.10E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.58E+00
8.10E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.57E+00
8.10E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.57E+00
8.11E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.58E+00
8.11E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.58E+00
8.11E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.57E+00
8.11E+01	-9.30E+01	1.67E+02	-1.10E-02	-2.56E+00
8.11E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.57E+00
8.12E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.56E+00
8.12E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.56E+00
8.12E+01	-9.30E+01	1.67E+02	-3.66E-03	-2.55E+00
8.12E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.56E+00
8.12E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.56E+00
8.13E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.55E+00
8.13E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.54E+00
8.13E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.55E+00
8.13E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.55E+00
8.13E+01	-9.30E+01	1.67E+02	-1.10E-02	-2.55E+00
8.14E+01	-9.30E+01	1.67E+02	-3.66E-03	-2.56E+00
8.14E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.55E+00
8.14E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.54E+00
8.14E+01	-9.30E+01	1.67E+02	1.10E-02	-2.54E+00
8.14E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.53E+00

8.15E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.54E+00
8.15E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.53E+00
8.15E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.53E+00
8.15E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.53E+00
8.15E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.53E+00
8.16E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.53E+00
8.16E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.52E+00
8.16E+01	-9.30E+01	1.67E+02	-1.10E-02	-2.52E+00
8.16E+01	-9.30E+01	1.67E+02	6.10E-03	-2.52E+00
8.16E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.53E+00
8.17E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.53E+00
8.17E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.52E+00
8.17E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.51E+00
8.17E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.52E+00
8.17E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.52E+00
8.18E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.51E+00
8.18E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.52E+00
8.18E+01	-9.30E+01	1.67E+02	-2.08E-02	-2.51E+00
8.18E+01	-9.30E+01	1.67E+02	-4.39E-02	-2.50E+00
8.18E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.50E+00
8.19E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.51E+00
8.19E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.50E+00
8.19E+01	-9.30E+01	1.67E+02	-3.30E-02	-2.50E+00
8.19E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.50E+00
8.19E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.50E+00
8.20E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.50E+00
8.20E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.50E+00
8.20E+01	-9.30E+01	1.67E+02	-3.66E-02	-2.49E+00
8.20E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.49E+00
8.20E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.50E+00
8.21E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.49E+00
8.21E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.49E+00
8.21E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.49E+00
8.21E+01	-9.30E+01	1.67E+02	0.00E+00	-2.49E+00
8.21E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.48E+00
8.22E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.48E+00
8.22E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.48E+00
8.22E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.46E+00
8.22E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.47E+00
8.22E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.47E+00
8.23E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.47E+00
8.23E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.46E+00
8.23E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.47E+00
8.23E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.46E+00
8.23E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.46E+00
8.24E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.46E+00
8.24E+01	-9.30E+01	1.66E+02	-1.34E-02	-2.47E+00

8.24E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.46E+00
8.24E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.46E+00
8.24E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.45E+00
8.25E+01	-9.30E+01	1.66E+02	-3.30E-02	-2.45E+00
8.25E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.45E+00
8.25E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.47E+00
8.25E+01	-9.30E+01	1.66E+02	-6.10E-03	-2.45E+00
8.25E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.45E+00
8.26E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.43E+00
8.26E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.44E+00
8.26E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.44E+00
8.26E+01	-9.30E+01	1.66E+02	-1.34E-02	-2.45E+00
8.26E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.44E+00
8.27E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.44E+00
8.27E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.43E+00
8.27E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.44E+00
8.27E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.43E+00
8.27E+01	-9.30E+01	1.66E+02	-3.78E-02	-2.43E+00
8.28E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.43E+00
8.28E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.44E+00
8.28E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.42E+00
8.28E+01	-9.30E+01	1.66E+02	0.00E+00	-2.42E+00
8.28E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.42E+00
8.29E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.42E+00
8.29E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.42E+00
8.29E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.42E+00
8.29E+01	-9.30E+01	1.66E+02	1.34E-02	-2.42E+00
8.29E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.41E+00
8.30E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.40E+00
8.30E+01	-9.30E+01	1.66E+02	-1.22E-03	-2.41E+00
8.30E+01	-9.30E+01	1.65E+02	-3.66E-02	-2.41E+00
8.30E+01	-9.30E+01	1.65E+02	-1.10E-02	-2.40E+00
8.30E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.41E+00
8.31E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.40E+00
8.31E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.41E+00
8.31E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.40E+00
8.31E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.40E+00
8.31E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.40E+00
8.32E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.41E+00
8.32E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.39E+00
8.32E+01	-9.30E+01	1.65E+02	-8.54E-03	-2.39E+00
8.32E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.39E+00
8.32E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.39E+00
8.33E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.38E+00
8.33E+01	-9.30E+01	1.65E+02	0.00E+00	-2.39E+00
8.33E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.38E+00
8.33E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.37E+00

8.33E+01	-9.30E+01	1.65E+02	-1.34E-02	-2.38E+00
8.34E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.38E+00
8.34E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.38E+00
8.34E+01	-9.30E+01	1.66E+02	-8.54E-03	-2.38E+00
8.34E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.37E+00
8.34E+01	-9.30E+01	1.65E+02	-4.88E-03	-2.38E+00
8.35E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.37E+00
8.35E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.37E+00
8.35E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.37E+00
8.35E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.36E+00
8.35E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.37E+00
8.36E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.36E+00
8.36E+01	-9.30E+01	1.65E+02	-2.44E-03	-2.37E+00
8.36E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.36E+00
8.36E+01	-9.30E+01	1.65E+02	-1.22E-03	-2.37E+00
8.36E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.35E+00
8.37E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.35E+00
8.37E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.35E+00
8.37E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.35E+00
8.37E+01	-9.30E+01	1.65E+02	-1.10E-02	-2.35E+00
8.37E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.35E+00
8.38E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.34E+00
8.38E+01	-9.30E+01	1.65E+02	-4.15E-02	-2.34E+00
8.38E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.34E+00
8.38E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.36E+00
8.38E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.34E+00
8.39E+01	-9.30E+01	1.65E+02	-4.27E-02	-2.34E+00
8.39E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.33E+00
8.39E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.33E+00
8.39E+01	-9.30E+01	1.65E+02	-1.10E-02	-2.33E+00
8.39E+01	-9.30E+01	1.65E+02	-1.59E-02	-2.33E+00
8.40E+01	-9.30E+01	1.65E+02	2.44E-02	-2.33E+00
8.40E+01	-9.30E+01	1.65E+02	-3.17E-02	-2.32E+00
8.40E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.33E+00
8.40E+01	-9.30E+01	1.65E+02	-3.17E-02	-2.33E+00
8.40E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.32E+00
8.41E+01	-9.30E+01	1.65E+02	-3.66E-03	-2.32E+00
8.41E+01	-9.30E+01	1.65E+02	-4.88E-03	-2.32E+00
8.41E+01	-9.30E+01	1.65E+02	-2.08E-02	-2.32E+00
8.41E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.31E+00
8.41E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.31E+00
8.42E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.31E+00
8.42E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.31E+00
8.42E+01	-9.30E+01	1.65E+02	-1.83E-02	-2.31E+00
8.42E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.31E+00
8.42E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.31E+00
8.43E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.30E+00

8.43E+01	-9.30E+01	1.65E+02	-1.59E-02	-2.30E+00
8.43E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.30E+00
8.43E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.30E+00
8.43E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.30E+00
8.44E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.30E+00
8.44E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.30E+00
8.44E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.29E+00
8.44E+01	-9.30E+01	1.65E+02	-3.17E-02	-2.29E+00
8.44E+01	-9.30E+01	1.65E+02	-1.59E-02	-2.29E+00
8.45E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.28E+00
8.45E+01	-9.30E+01	1.65E+02	-6.10E-03	-2.29E+00
8.45E+01	-9.30E+01	1.65E+02	8.54E-03	-2.29E+00
8.45E+01	-9.30E+01	1.65E+02	-1.59E-02	-2.28E+00
8.45E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.29E+00
8.46E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.27E+00
8.46E+01	-9.30E+01	1.65E+02	1.95E-02	-2.28E+00
8.46E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.27E+00
8.46E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.29E+00
8.46E+01	-9.30E+01	1.65E+02	-1.59E-02	-2.27E+00
8.47E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.26E+00
8.47E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.27E+00
8.47E+01	-9.30E+01	1.65E+02	-3.05E-02	-2.27E+00
8.47E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.26E+00
8.47E+01	-9.30E+01	1.65E+02	-1.34E-02	-2.28E+00
8.48E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.26E+00
8.48E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.26E+00
8.48E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.26E+00
8.48E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.27E+00
8.48E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.26E+00
8.49E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.25E+00
8.49E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.25E+00
8.49E+01	-9.30E+01	1.65E+02	-3.42E-02	-2.25E+00
8.49E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.25E+00
8.49E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.25E+00
8.50E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.25E+00
8.50E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.23E+00
8.50E+01	-9.30E+01	1.65E+02	-3.66E-02	-2.24E+00
8.50E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.24E+00
8.50E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.23E+00
8.51E+01	-9.30E+01	1.65E+02	-1.10E-02	-2.23E+00
8.51E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.23E+00
8.51E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.23E+00
8.51E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.23E+00
8.51E+01	-9.30E+01	1.65E+02	-1.22E-03	-2.23E+00
8.52E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.24E+00
8.52E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.22E+00
8.52E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.23E+00

8.52E+01	-9.30E+01	1.65E+02	-1.34E-02	-2.22E+00
8.52E+01	-9.30E+01	1.65E+02	-6.10E-03	-2.23E+00
8.53E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.22E+00
8.53E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.22E+00
8.53E+01	-9.30E+01	1.65E+02	-1.34E-02	-2.21E+00
8.53E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.21E+00
8.53E+01	-9.30E+01	1.65E+02	1.46E-02	-2.21E+00
8.54E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.21E+00
8.54E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.22E+00
8.54E+01	-9.30E+01	1.65E+02	-8.54E-03	-2.20E+00
8.54E+01	-9.30E+01	1.65E+02	-3.91E-02	-2.21E+00
8.54E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.21E+00
8.55E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.21E+00
8.55E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.20E+00
8.55E+01	-9.30E+01	1.65E+02	-4.27E-02	-2.20E+00
8.55E+01	-9.30E+01	1.65E+02	-1.10E-02	-2.20E+00
8.55E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.19E+00
8.56E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.20E+00
8.56E+01	-9.30E+01	1.65E+02	-1.10E-02	-2.19E+00
8.56E+01	-9.30E+01	1.65E+02	-2.81E-02	-2.19E+00
8.56E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.18E+00
8.56E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.19E+00
8.57E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.19E+00
8.57E+01	-9.30E+01	1.65E+02	-4.39E-02	-2.19E+00
8.57E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.18E+00
8.57E+01	-9.30E+01	1.65E+02	-1.83E-02	-2.20E+00
8.57E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.18E+00
8.58E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.18E+00
8.58E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.18E+00
8.58E+01	-9.30E+01	1.65E+02	0.00E+00	-2.18E+00
8.58E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.17E+00
8.58E+01	-9.30E+01	1.65E+02	7.32E-03	-2.18E+00
8.59E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.17E+00
8.59E+01	-9.30E+01	1.65E+02	-1.59E-02	-2.16E+00
8.59E+01	-9.30E+01	1.65E+02	-1.59E-02	-2.17E+00
8.59E+01	-9.30E+01	1.65E+02	-1.10E-02	-2.17E+00
8.59E+01	-9.30E+01	1.65E+02	-1.83E-02	-2.16E+00
8.60E+01	-9.30E+01	1.66E+02	-2.56E-02	-2.17E+00
8.60E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.16E+00
8.60E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.17E+00
8.60E+01	-9.30E+01	1.66E+02	-3.78E-02	-2.16E+00
8.60E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.16E+00
8.61E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.15E+00
8.61E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.15E+00
8.61E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.15E+00
8.61E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.15E+00
8.61E+01	-9.30E+01	1.66E+02	8.54E-03	-2.15E+00

8.62E+01	-9.30E+01	1.65E+02	-8.54E-03	-2.15E+00
8.62E+01	-9.30E+01	1.65E+02	-2.56E-02	-2.15E+00
8.62E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.13E+00
8.62E+01	-9.30E+01	1.65E+02	-3.42E-02	-2.14E+00
8.62E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.15E+00
8.63E+01	-9.30E+01	1.66E+02	-3.66E-03	-2.14E+00
8.63E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.13E+00
8.63E+01	-9.30E+01	1.65E+02	7.32E-03	-2.12E+00
8.63E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.13E+00
8.63E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.14E+00
8.64E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.13E+00
8.64E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.13E+00
8.64E+01	-9.30E+01	1.65E+02	-2.08E-02	-2.12E+00
8.64E+01	-9.30E+01	1.65E+02	-2.08E-02	-2.12E+00
8.64E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.12E+00
8.65E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.12E+00
8.65E+01	-9.30E+01	1.65E+02	9.77E-03	-2.12E+00
8.65E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.12E+00
8.65E+01	-9.30E+01	1.64E+02	-1.34E-02	-2.11E+00
8.65E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.11E+00
8.66E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.11E+00
8.66E+01	-9.30E+01	1.65E+02	-1.10E-02	-2.11E+00
8.66E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.11E+00
8.66E+01	-9.30E+01	1.65E+02	-2.81E-02	-2.11E+00
8.66E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.09E+00
8.67E+01	-9.30E+01	1.65E+02	2.44E-03	-2.10E+00
8.67E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.10E+00
8.67E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.11E+00
8.67E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.11E+00
8.67E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.09E+00
8.68E+01	-9.30E+01	1.65E+02	-3.42E-02	-2.09E+00
8.68E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.09E+00
8.68E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.09E+00
8.68E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.09E+00
8.68E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.09E+00
8.69E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.08E+00
8.69E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.09E+00
8.69E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.08E+00
8.69E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.07E+00
8.69E+01	-9.30E+01	1.65E+02	-1.59E-02	-2.08E+00
8.70E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.08E+00
8.70E+01	-9.30E+01	1.65E+02	-1.83E-02	-2.08E+00
8.70E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.08E+00
8.70E+01	-9.30E+01	1.65E+02	-1.59E-02	-2.08E+00
8.70E+01	-9.30E+01	1.65E+02	-3.05E-02	-2.07E+00
8.71E+01	-9.30E+01	1.65E+02	-4.39E-02	-2.07E+00
8.71E+01	-9.30E+01	1.65E+02	-1.83E-02	-2.06E+00

8.71E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.08E+00
8.71E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.07E+00
8.71E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.07E+00
8.72E+01	-9.30E+01	1.64E+02	-1.34E-02	-2.07E+00
8.72E+01	-9.30E+01	1.64E+02	-1.22E-02	-2.06E+00
8.72E+01	-9.30E+01	1.64E+02	-1.83E-02	-2.06E+00
8.72E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.07E+00
8.72E+01	-9.30E+01	1.64E+02	-2.93E-02	-2.06E+00
8.73E+01	-9.30E+01	1.64E+02	-2.56E-02	-2.04E+00
8.73E+01	-9.30E+01	1.64E+02	-1.59E-02	-2.05E+00
8.73E+01	-9.30E+01	1.64E+02	-2.20E-02	-2.05E+00
8.73E+01	-9.30E+01	1.64E+02	-1.22E-02	-2.05E+00
8.73E+01	-9.30E+01	1.64E+02	-3.66E-02	-2.04E+00
8.74E+01	-9.30E+01	1.64E+02	-1.95E-02	-2.04E+00
8.74E+01	-9.30E+01	1.64E+02	-9.77E-03	-2.04E+00
8.74E+01	-9.30E+01	1.64E+02	-1.71E-02	-2.04E+00
8.74E+01	-9.30E+01	1.64E+02	0.00E+00	-2.04E+00
8.74E+01	-9.30E+01	1.64E+02	-1.46E-02	-2.04E+00
8.75E+01	-9.30E+01	1.64E+02	-2.20E-02	-2.03E+00
8.75E+01	-9.30E+01	1.64E+02	-1.46E-02	-2.04E+00
8.75E+01	-9.30E+01	1.64E+02	-1.46E-02	-2.03E+00
8.75E+01	-9.30E+01	1.64E+02	-5.37E-02	-2.03E+00
8.75E+01	-9.30E+01	1.64E+02	-2.56E-02	-2.02E+00
8.76E+01	-9.30E+01	1.64E+02	-1.34E-02	-2.03E+00
8.76E+01	-9.30E+01	1.64E+02	2.44E-03	-2.03E+00
8.76E+01	-9.30E+01	1.64E+02	-2.56E-02	-2.03E+00
8.76E+01	-9.30E+01	1.64E+02	-2.69E-02	-2.03E+00
8.76E+01	-9.30E+01	1.64E+02	-2.69E-02	-2.02E+00
8.77E+01	-9.30E+01	1.64E+02	-1.22E-02	-2.02E+00
8.77E+01	-9.30E+01	1.63E+02	-3.17E-02	-2.02E+00
8.77E+01	-9.30E+01	1.64E+02	-2.20E-02	-2.02E+00
8.77E+01	-9.30E+01	1.64E+02	-2.32E-02	-2.02E+00
8.77E+01	-9.30E+01	1.64E+02	-1.95E-02	-2.01E+00
8.78E+01	-9.30E+01	1.63E+02	1.34E-02	-2.01E+00
8.78E+01	-9.30E+01	1.64E+02	-1.10E-02	-2.01E+00
8.78E+01	-9.30E+01	1.64E+02	-3.42E-02	-2.01E+00
8.78E+01	-9.30E+01	1.63E+02	-1.22E-02	-2.00E+00
8.78E+01	-9.30E+01	1.63E+02	-1.95E-02	-2.01E+00
8.79E+01	-9.30E+01	1.64E+02	-4.03E-02	-2.01E+00
8.79E+01	-9.30E+01	1.64E+02	-8.54E-03	-2.00E+00
8.79E+01	-9.30E+01	1.63E+02	-1.46E-02	-2.01E+00
8.79E+01	-9.30E+01	1.63E+02	-2.81E-02	-1.99E+00
8.79E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.99E+00
8.80E+01	-9.30E+01	1.64E+02	-8.54E-03	-1.99E+00
8.80E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.99E+00
8.80E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.99E+00
8.80E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.00E+00

8.80E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.99E+00
8.81E+01	-9.30E+01	1.63E+02	2.44E-03	-1.99E+00
8.81E+01	-9.30E+01	1.63E+02	-1.59E-02	-1.98E+00
8.81E+01	-9.30E+01	1.63E+02	-2.08E-02	-1.99E+00
8.81E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.98E+00
8.81E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.98E+00
8.82E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.98E+00
8.82E+01	-9.30E+01	1.63E+02	-2.81E-02	-1.99E+00
8.82E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.97E+00
8.82E+01	-9.30E+01	1.63E+02	1.34E-02	-1.97E+00
8.82E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.98E+00
8.83E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.95E+00
8.83E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.97E+00
8.83E+01	-9.30E+01	1.63E+02	-1.83E-02	-1.97E+00
8.83E+01	-9.30E+01	1.63E+02	6.10E-03	-1.96E+00
8.83E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.96E+00
8.84E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.98E+00
8.84E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.96E+00
8.84E+01	-9.30E+01	1.63E+02	-4.88E-03	-1.96E+00
8.84E+01	-9.30E+01	1.63E+02	-1.10E-02	-1.95E+00
8.84E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.96E+00
8.85E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.95E+00
8.85E+01	-9.30E+01	1.63E+02	-2.32E-02	-1.94E+00
8.85E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.95E+00
8.85E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.93E+00
8.85E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.94E+00
8.86E+01	-9.30E+01	1.63E+02	-4.88E-03	-1.94E+00
8.86E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.94E+00
8.86E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.95E+00
8.86E+01	-9.30E+01	1.63E+02	-2.69E-02	-1.94E+00
8.86E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.94E+00
8.87E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.93E+00
8.87E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.93E+00
8.87E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.92E+00
8.87E+01	-9.30E+01	1.63E+02	-2.93E-02	-1.93E+00
8.87E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.93E+00
8.88E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.93E+00
8.88E+01	-9.30E+01	1.63E+02	7.32E-03	-1.92E+00
8.88E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.93E+00
8.88E+01	-9.30E+01	1.63E+02	-3.91E-02	-1.92E+00
8.88E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.92E+00
8.89E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.92E+00
8.89E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.92E+00
8.89E+01	-9.30E+01	1.63E+02	2.44E-03	-1.91E+00
8.89E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.92E+00
8.89E+01	-9.30E+01	1.63E+02	-4.88E-03	-1.91E+00
8.90E+01	-9.30E+01	1.63E+02	-1.83E-02	-1.91E+00

8.90E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.90E+00
8.90E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.91E+00
8.90E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.91E+00
8.90E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.91E+00
8.91E+01	-9.30E+01	1.63E+02	-3.54E-02	-1.90E+00
8.91E+01	-9.30E+01	1.63E+02	-4.88E-03	-1.90E+00
8.91E+01	-9.30E+01	1.63E+02	-1.59E-02	-1.90E+00
8.91E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.90E+00
8.91E+01	-9.30E+01	1.63E+02	-1.34E-02	-1.89E+00
8.92E+01	-9.30E+01	1.63E+02	-1.34E-02	-1.91E+00
8.92E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.89E+00
8.92E+01	-9.30E+01	1.63E+02	-1.10E-02	-1.89E+00
8.92E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.89E+00
8.92E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.88E+00
8.93E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.89E+00
8.93E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.89E+00
8.93E+01	-9.30E+01	1.63E+02	-8.54E-03	-1.88E+00
8.93E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.89E+00
8.93E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.88E+00
8.94E+01	-9.30E+01	1.63E+02	-2.81E-02	-1.88E+00
8.94E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.87E+00
8.94E+01	-9.30E+01	1.63E+02	0.00E+00	-1.88E+00
8.94E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.87E+00
8.94E+01	-9.30E+01	1.63E+02	-2.69E-02	-1.87E+00
8.95E+01	-9.30E+01	1.63E+02	-4.15E-02	-1.87E+00
8.95E+01	-9.30E+01	1.63E+02	-8.54E-03	-1.87E+00
8.95E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.88E+00
8.95E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.87E+00
8.95E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.86E+00
8.96E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.86E+00
8.96E+01	-9.30E+01	1.63E+02	2.44E-03	-1.86E+00
8.96E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.86E+00
8.96E+01	-9.30E+01	1.63E+02	-2.93E-02	-1.86E+00
8.96E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.85E+00
8.97E+01	-9.30E+01	1.63E+02	4.88E-03	-1.85E+00
8.97E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.86E+00
8.97E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.84E+00
8.97E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.85E+00
8.97E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.84E+00
8.98E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.84E+00
8.98E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.84E+00
8.98E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.85E+00
8.98E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.84E+00
8.98E+01	-9.30E+01	1.63E+02	-2.32E-02	-1.83E+00
8.99E+01	-9.30E+01	1.63E+02	2.44E-03	-1.83E+00
8.99E+01	-9.30E+01	1.63E+02	-1.83E-02	-1.83E+00
8.99E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.85E+00

8.99E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.83E+00
8.99E+01	-9.30E+01	1.63E+02	-3.78E-02	-1.83E+00
9.00E+01	-9.30E+01	1.63E+02	-8.54E-03	-1.83E+00
9.00E+01	-9.30E+01	1.63E+02	-2.08E-02	-1.82E+00
9.00E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.83E+00
9.00E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.83E+00
9.00E+01	-9.30E+01	1.62E+02	-4.64E-02	-1.82E+00
9.01E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.81E+00
9.01E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.82E+00
9.01E+01	-9.30E+01	1.62E+02	-2.08E-02	-1.82E+00
9.01E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.81E+00
9.01E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.81E+00
9.02E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.81E+00
9.02E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.81E+00
9.02E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.82E+00
9.02E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.81E+00
9.02E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.80E+00
9.03E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.80E+00
9.03E+01	-9.30E+01	1.63E+02	0.00E+00	-1.80E+00
9.03E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.80E+00
9.03E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.80E+00
9.03E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.80E+00
9.04E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.80E+00
9.04E+01	-9.30E+01	1.63E+02	-2.08E-02	-1.79E+00
9.04E+01	-9.30E+01	1.63E+02	4.88E-03	-1.79E+00
9.04E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.79E+00
9.04E+01	-9.30E+01	1.62E+02	-2.56E-02	-1.79E+00
9.05E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.79E+00
9.05E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.78E+00
9.05E+01	-9.30E+01	1.63E+02	9.77E-03	-1.78E+00
9.05E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.78E+00
9.05E+01	-9.30E+01	1.62E+02	-8.54E-03	-1.77E+00
9.06E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.78E+00
9.06E+01	-9.30E+01	1.62E+02	-3.42E-02	-1.77E+00
9.06E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.78E+00
9.06E+01	-9.30E+01	1.62E+02	-3.42E-02	-1.77E+00
9.06E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.77E+00
9.07E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.77E+00
9.07E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.76E+00
9.07E+01	-9.30E+01	1.62E+02	-2.56E-02	-1.76E+00
9.07E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.77E+00
9.07E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.76E+00
9.08E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.76E+00
9.08E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.76E+00
9.08E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.76E+00
9.08E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.76E+00
9.08E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.76E+00

9.09E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.75E+00
9.09E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.75E+00
9.09E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.75E+00
9.09E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.75E+00
9.09E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.74E+00
9.10E+01	-9.30E+01	1.62E+02	-3.66E-03	-1.74E+00
9.10E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.74E+00
9.10E+01	-9.30E+01	1.62E+02	-1.59E-02	-1.76E+00
9.10E+01	-9.30E+01	1.62E+02	-8.54E-03	-1.74E+00
9.10E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.73E+00
9.11E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.73E+00
9.11E+01	-9.30E+01	1.62E+02	1.34E-02	-1.74E+00
9.11E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.73E+00
9.11E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.72E+00
9.11E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.73E+00
9.12E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.72E+00
9.12E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.73E+00
9.12E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.73E+00
9.12E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.72E+00
9.12E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.71E+00
9.13E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.72E+00
9.13E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.72E+00
9.13E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.71E+00
9.13E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.71E+00
9.13E+01	-9.30E+01	1.62E+02	-8.54E-03	-1.71E+00
9.14E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.70E+00
9.14E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.70E+00
9.14E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.70E+00
9.14E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.70E+00
9.14E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.70E+00
9.15E+01	-9.30E+01	1.61E+02	-2.56E-02	-1.71E+00
9.15E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.70E+00
9.15E+01	-9.30E+01	1.61E+02	-4.15E-02	-1.70E+00
9.15E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.69E+00
9.15E+01	-9.30E+01	1.61E+02	-3.05E-02	-1.69E+00
9.16E+01	-9.30E+01	1.61E+02	-2.08E-02	-1.69E+00
9.16E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.69E+00
9.16E+01	-9.30E+01	1.61E+02	1.22E-03	-1.69E+00
9.16E+01	-9.30E+01	1.61E+02	4.88E-03	-1.69E+00
9.16E+01	-9.30E+01	1.61E+02	-2.32E-02	-1.68E+00
9.17E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.68E+00
9.17E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.69E+00
9.17E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.69E+00
9.17E+01	-9.30E+01	1.61E+02	-1.34E-02	-1.68E+00
9.17E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.68E+00
9.18E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.67E+00
9.18E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.66E+00

9.18E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.67E+00
9.18E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.67E+00
9.18E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.67E+00
9.19E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.66E+00
9.19E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.67E+00
9.19E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.67E+00
9.19E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.66E+00
9.19E+01	-9.30E+01	1.61E+02	3.66E-03	-1.66E+00
9.20E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.65E+00
9.20E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.65E+00
9.20E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.65E+00
9.20E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.65E+00
9.20E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.65E+00
9.21E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.65E+00
9.21E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.65E+00
9.21E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.64E+00
9.21E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.65E+00
9.21E+01	-9.30E+01	1.61E+02	-3.91E-02	-1.64E+00
9.22E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.64E+00
9.22E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.65E+00
9.22E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.63E+00
9.22E+01	-9.30E+01	1.60E+02	-1.10E-02	-1.63E+00
9.22E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.64E+00
9.23E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.63E+00
9.23E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.64E+00
9.23E+01	-9.30E+01	1.60E+02	-2.32E-02	-1.64E+00
9.23E+01	-9.30E+01	1.60E+02	-2.56E-02	-1.63E+00
9.23E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.63E+00
9.24E+01	-9.30E+01	1.60E+02	-3.42E-02	-1.63E+00
9.24E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.63E+00
9.24E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.63E+00
9.24E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.63E+00
9.24E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.62E+00
9.25E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.62E+00
9.25E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.62E+00
9.25E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.61E+00
9.25E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.63E+00
9.25E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.61E+00
9.26E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.61E+00
9.26E+01	-9.30E+01	1.60E+02	-2.08E-02	-1.60E+00
9.26E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.60E+00
9.26E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.61E+00
9.26E+01	-9.30E+01	1.60E+02	4.88E-03	-1.60E+00
9.27E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.60E+00
9.27E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.59E+00
9.27E+01	-9.30E+01	1.60E+02	-1.10E-02	-1.60E+00
9.27E+01	-9.30E+01	1.60E+02	3.66E-03	-1.60E+00

9.27E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.59E+00
9.28E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.60E+00
9.28E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.60E+00
9.28E+01	-9.30E+01	1.59E+02	-6.10E-03	-1.59E+00
9.28E+01	-9.30E+01	1.59E+02	4.88E-03	-1.59E+00
9.28E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.58E+00
9.29E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.57E+00
9.29E+01	-9.30E+01	1.60E+02	-1.59E-02	-1.58E+00
9.29E+01	-9.30E+01	1.59E+02	-4.64E-02	-1.58E+00
9.29E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.58E+00
9.29E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.57E+00
9.30E+01	-9.30E+01	1.59E+02	-2.08E-02	-1.57E+00
9.30E+01	-9.30E+01	1.59E+02	-2.20E-02	-1.56E+00
9.30E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.58E+00
9.30E+01	-9.30E+01	1.59E+02	-2.20E-02	-1.57E+00
9.30E+01	-9.30E+01	1.59E+02	-1.71E-02	-1.57E+00
9.31E+01	-9.30E+01	1.59E+02	-7.32E-03	-1.57E+00
9.31E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.57E+00
9.31E+01	-9.30E+01	1.60E+02	-3.42E-02	-1.56E+00
9.31E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.56E+00
9.31E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.56E+00
9.32E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.56E+00
9.32E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.56E+00
9.32E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.55E+00
9.32E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.53E+00
9.32E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.55E+00
9.33E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.54E+00
9.33E+01	-9.30E+01	1.59E+02	1.46E-02	-1.55E+00
9.33E+01	-9.30E+01	1.59E+02	-1.22E-02	-1.55E+00
9.33E+01	-9.30E+01	1.59E+02	-1.71E-02	-1.54E+00
9.33E+01	-9.30E+01	1.59E+02	-1.22E-02	-1.55E+00
9.34E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.54E+00
9.34E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.53E+00
9.34E+01	-9.30E+01	1.59E+02	9.77E-03	-1.54E+00
9.34E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.54E+00
9.34E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.53E+00
9.35E+01	-9.30E+01	1.59E+02	-2.32E-02	-1.53E+00
9.35E+01	-9.30E+01	1.59E+02	-2.44E-03	-1.53E+00
9.35E+01	-9.30E+01	1.59E+02	-7.32E-03	-1.53E+00
9.35E+01	-9.30E+01	1.59E+02	2.44E-03	-1.52E+00
9.35E+01	-9.30E+01	1.58E+02	-1.22E-02	-1.52E+00
9.36E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.51E+00
9.36E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.52E+00
9.36E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.52E+00
9.36E+01	-9.30E+01	1.59E+02	-2.20E-02	-1.52E+00
9.36E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.52E+00
9.37E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.51E+00

9.37E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.52E+00
9.37E+01	-9.30E+01	1.59E+02	-1.71E-02	-1.52E+00
9.37E+01	-9.30E+01	1.59E+02	-2.32E-02	-1.50E+00
9.37E+01	-9.30E+01	1.59E+02	-1.83E-02	-1.50E+00
9.38E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.51E+00
9.38E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.50E+00
9.38E+01	-9.30E+01	1.59E+02	-3.17E-02	-1.51E+00
9.38E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.50E+00
9.38E+01	-9.30E+01	1.59E+02	-2.20E-02	-1.50E+00
9.39E+01	-9.30E+01	1.59E+02	-8.54E-03	-1.50E+00
9.39E+01	-9.30E+01	1.59E+02	3.66E-03	-1.50E+00
9.39E+01	-9.30E+01	1.59E+02	-1.71E-02	-1.50E+00
9.39E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.47E+00
9.39E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.49E+00
9.40E+01	-9.30E+01	1.59E+02	-7.32E-03	-1.50E+00
9.40E+01	-9.30E+01	1.59E+02	-5.37E-02	-1.49E+00
9.40E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.49E+00
9.40E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.48E+00
9.40E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.49E+00
9.41E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.48E+00
9.41E+01	-9.30E+01	1.59E+02	-2.32E-02	-1.48E+00
9.41E+01	-9.30E+01	1.59E+02	-3.42E-02	-1.48E+00
9.41E+01	-9.30E+01	1.59E+02	-2.44E-03	-1.48E+00
9.41E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.50E+00
9.42E+01	-9.30E+01	1.59E+02	-4.88E-03	-1.47E+00
9.42E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.47E+00
9.42E+01	-9.30E+01	1.59E+02	-1.71E-02	-1.47E+00
9.42E+01	-9.30E+01	1.59E+02	-2.56E-02	-1.47E+00
9.42E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.47E+00
9.43E+01	-9.30E+01	1.59E+02	-2.20E-02	-1.47E+00
9.43E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.46E+00
9.43E+01	-9.30E+01	1.59E+02	-2.44E-03	-1.46E+00
9.43E+01	-9.30E+01	1.59E+02	-2.08E-02	-1.46E+00
9.43E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.45E+00
9.44E+01	-9.30E+01	1.59E+02	4.88E-03	-1.46E+00
9.44E+01	-9.30E+01	1.59E+02	-1.83E-02	-1.46E+00
9.44E+01	-9.30E+01	1.59E+02	-3.91E-02	-1.45E+00
9.44E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.45E+00
9.44E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.46E+00
9.45E+01	-9.30E+01	1.59E+02	-1.59E-02	-1.45E+00
9.45E+01	-9.30E+01	1.59E+02	-1.71E-02	-1.44E+00
9.45E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.45E+00
9.45E+01	-9.30E+01	1.60E+02	-8.54E-03	-1.44E+00
9.45E+01	-9.30E+01	1.60E+02	-4.64E-02	-1.44E+00
9.46E+01	-9.30E+01	1.59E+02	-2.32E-02	-1.43E+00
9.46E+01	-9.30E+01	1.60E+02	-3.66E-03	-1.44E+00
9.46E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.44E+00

9.46E+01	-9.30E+01	1.59E+02	-2.20E-02	-1.43E+00
9.46E+01	-9.30E+01	1.60E+02	-3.30E-02	-1.43E+00
9.47E+01	-9.30E+01	1.60E+02	4.88E-03	-1.43E+00
9.47E+01	-9.30E+01	1.60E+02	-1.59E-02	-1.44E+00
9.47E+01	-9.30E+01	1.59E+02	-2.69E-02	-1.44E+00
9.47E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.42E+00
9.47E+01	-9.30E+01	1.60E+02	-3.42E-02	-1.43E+00
9.48E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.43E+00
9.48E+01	-9.30E+01	1.60E+02	-2.81E-02	-1.42E+00
9.48E+01	-9.30E+01	1.59E+02	-2.08E-02	-1.43E+00
9.48E+01	-9.30E+01	1.60E+02	-3.42E-02	-1.41E+00
9.48E+01	-9.30E+01	1.60E+02	-2.08E-02	-1.42E+00
9.49E+01	-9.30E+01	1.60E+02	-4.64E-02	-1.42E+00
9.49E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.42E+00
9.49E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.42E+00
9.49E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.41E+00
9.49E+01	-9.30E+01	1.60E+02	-3.66E-02	-1.41E+00
9.50E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.41E+00
9.50E+01	-9.30E+01	1.60E+02	-3.91E-02	-1.40E+00
9.50E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.40E+00
9.50E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.39E+00
9.50E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.40E+00
9.51E+01	-9.30E+01	1.60E+02	-1.22E-03	-1.40E+00
9.51E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.40E+00
9.51E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.40E+00
9.51E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.40E+00
9.51E+01	-9.30E+01	1.60E+02	-1.10E-02	-1.39E+00
9.52E+01	-9.30E+01	1.60E+02	-2.32E-02	-1.38E+00
9.52E+01	-9.30E+01	1.60E+02	2.44E-03	-1.38E+00
9.52E+01	-9.30E+01	1.60E+02	-1.10E-02	-1.39E+00
9.52E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.38E+00
9.52E+01	-9.30E+01	1.60E+02	-2.81E-02	-1.38E+00
9.53E+01	-9.30E+01	1.60E+02	-1.59E-02	-1.38E+00
9.53E+01	-9.30E+01	1.60E+02	-2.08E-02	-1.39E+00
9.53E+01	-9.30E+01	1.60E+02	-3.42E-02	-1.38E+00
9.53E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.38E+00
9.53E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.37E+00
9.54E+01	-9.30E+01	1.60E+02	-1.34E-02	-1.38E+00
9.54E+01	-9.30E+01	1.60E+02	-1.34E-02	-1.38E+00
9.54E+01	-9.30E+01	1.60E+02	-2.56E-02	-1.37E+00
9.54E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.37E+00
9.54E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.37E+00
9.55E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.38E+00
9.55E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.36E+00
9.55E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.36E+00
9.55E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.36E+00
9.55E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.36E+00

9.56E+01	-9.30E+01	1.60E+02	-2.32E-02	-1.36E+00
9.56E+01	-9.30E+01	1.60E+02	-3.17E-02	-1.34E+00
9.56E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.35E+00
9.56E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.35E+00
9.56E+01	-9.30E+01	1.60E+02	1.34E-02	-1.35E+00
9.57E+01	-9.30E+01	1.60E+02	-1.22E-03	-1.35E+00
9.57E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.35E+00
9.57E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.36E+00
9.57E+01	-9.30E+01	1.60E+02	-2.32E-02	-1.34E+00
9.57E+01	-9.30E+01	1.60E+02	-2.08E-02	-1.34E+00
9.58E+01	-9.30E+01	1.60E+02	2.44E-03	-1.34E+00
9.58E+01	-9.30E+01	1.60E+02	-2.81E-02	-1.34E+00
9.58E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.33E+00
9.58E+01	-9.30E+01	1.60E+02	-1.34E-02	-1.32E+00
9.58E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.34E+00
9.59E+01	-9.30E+01	1.60E+02	-1.10E-02	-1.34E+00
9.59E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.33E+00
9.59E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.32E+00
9.59E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.34E+00
9.59E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.33E+00
9.60E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.33E+00
9.60E+01	-9.30E+01	1.60E+02	-1.59E-02	-1.32E+00
9.60E+01	-9.30E+01	1.60E+02	-4.88E-02	-1.32E+00
9.60E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.32E+00
9.60E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.32E+00
9.61E+01	-9.30E+01	1.59E+02	-2.20E-02	-1.31E+00
9.61E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.31E+00
9.61E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.31E+00
9.61E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.31E+00
9.61E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.31E+00
9.62E+01	-9.30E+01	1.60E+02	-1.83E-02	-1.32E+00
9.62E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.31E+00
9.62E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.31E+00
9.62E+01	-9.30E+01	1.59E+02	-1.83E-02	-1.30E+00
9.62E+01	-9.30E+01	1.59E+02	-1.83E-02	-1.30E+00
9.63E+01	-9.30E+01	1.59E+02	-2.20E-02	-1.30E+00
9.63E+01	-9.30E+01	1.59E+02	-1.22E-02	-1.29E+00
9.63E+01	-9.30E+01	1.59E+02	-2.20E-02	-1.30E+00
9.63E+01	-9.30E+01	1.59E+02	-1.71E-02	-1.29E+00
9.63E+01	-9.30E+01	1.59E+02	-1.71E-02	-1.29E+00
9.64E+01	-9.30E+01	1.59E+02	-3.66E-02	-1.29E+00
9.64E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.29E+00
9.64E+01	-9.30E+01	1.59E+02	-2.20E-02	-1.27E+00
9.64E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.28E+00
9.64E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.29E+00
9.65E+01	-9.30E+01	1.59E+02	-1.83E-02	-1.29E+00
9.65E+01	-9.30E+01	1.59E+02	-5.98E-02	-1.27E+00

9.65E+01	-9.30E+01	1.59E+02	-1.71E-02	-1.28E+00
9.65E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.28E+00
9.65E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.28E+00
9.66E+01	-9.30E+01	1.58E+02	-1.95E-02	-1.27E+00
9.66E+01	-9.30E+01	1.58E+02	-7.32E-03	-1.27E+00
9.66E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.27E+00
9.66E+01	-9.30E+01	1.58E+02	-1.46E-02	-1.27E+00
9.66E+01	-9.30E+01	1.58E+02	-2.56E-02	-1.28E+00
9.67E+01	-9.30E+01	1.59E+02	-8.54E-03	-1.26E+00
9.67E+01	-9.30E+01	1.58E+02	-6.10E-03	-1.26E+00
9.67E+01	-9.30E+01	1.58E+02	-1.46E-02	-1.27E+00
9.67E+01	-9.30E+01	1.58E+02	-2.44E-02	-1.26E+00
9.67E+01	-9.30E+01	1.58E+02	-2.56E-02	-1.25E+00
9.68E+01	-9.30E+01	1.58E+02	-1.46E-02	-1.27E+00
9.68E+01	-9.30E+01	1.58E+02	-4.88E-03	-1.26E+00
9.68E+01	-9.30E+01	1.58E+02	-3.17E-02	-1.25E+00
9.68E+01	-9.30E+01	1.58E+02	-2.20E-02	-1.25E+00
9.68E+01	-9.30E+01	1.58E+02	-3.66E-02	-1.25E+00
9.69E+01	-9.30E+01	1.58E+02	-9.77E-03	-1.25E+00
9.69E+01	-9.30E+01	1.58E+02	-2.44E-02	-1.24E+00
9.69E+01	-9.30E+01	1.58E+02	-9.77E-03	-1.24E+00
9.69E+01	-9.30E+01	1.58E+02	4.88E-03	-1.24E+00
9.69E+01	-9.30E+01	1.57E+02	-1.46E-02	-1.24E+00
9.70E+01	-9.30E+01	1.57E+02	-2.56E-02	-1.24E+00
9.70E+01	-9.30E+01	1.58E+02	-1.22E-02	-1.24E+00
9.70E+01	-9.30E+01	1.58E+02	-1.46E-02	-1.24E+00
9.70E+01	-9.30E+01	1.57E+02	-2.44E-03	-1.24E+00
9.70E+01	-9.30E+01	1.56E+02	-2.93E-02	-1.23E+00
9.71E+01	-9.30E+01	1.57E+02	-1.22E-02	-1.23E+00
9.71E+01	-9.30E+01	1.57E+02	0.00E+00	-1.23E+00
9.71E+01	-9.30E+01	1.57E+02	-1.22E-02	-1.23E+00
9.71E+01	-9.30E+01	1.57E+02	-1.95E-02	-1.21E+00
9.71E+01	-9.30E+01	1.57E+02	-2.44E-03	-1.22E+00
9.72E+01	-9.30E+01	1.57E+02	-1.46E-02	-1.23E+00
9.72E+01	-9.30E+01	1.57E+02	-2.08E-02	-1.22E+00
9.72E+01	-9.30E+01	1.57E+02	0.00E+00	-1.21E+00
9.72E+01	-9.30E+01	1.57E+02	0.00E+00	-1.22E+00
9.72E+01	-9.30E+01	1.57E+02	-2.44E-02	-1.22E+00
9.73E+01	-9.30E+01	1.57E+02	-2.20E-02	-1.21E+00
9.73E+01	-9.30E+01	1.57E+02	-4.88E-03	-1.22E+00
9.73E+01	-9.30E+01	1.57E+02	-2.44E-02	-1.21E+00
9.73E+01	-9.30E+01	1.56E+02	-4.64E-02	-1.21E+00
9.73E+01	-9.30E+01	1.57E+02	-2.56E-02	-1.20E+00
9.74E+01	-9.30E+01	1.57E+02	-9.77E-03	-1.22E+00
9.74E+01	-9.30E+01	1.56E+02	-1.46E-02	-1.20E+00
9.74E+01	-9.30E+01	1.56E+02	-1.95E-02	-1.20E+00
9.74E+01	-9.30E+01	1.56E+02	-1.83E-02	-1.20E+00

9.74E+01	-9.30E+01	1.57E+02	1.22E-02	-1.20E+00
9.75E+01	-9.30E+01	1.57E+02	-2.44E-02	-1.20E+00
9.75E+01	-9.30E+01	1.56E+02	-2.20E-02	-1.18E+00
9.75E+01	-9.30E+01	1.56E+02	4.88E-03	-1.18E+00
9.75E+01	-9.30E+01	1.56E+02	-1.95E-02	-1.19E+00
9.75E+01	-9.30E+01	1.56E+02	-3.17E-02	-1.19E+00
9.76E+01	-9.30E+01	1.56E+02	2.44E-02	-1.19E+00
9.76E+01	-9.30E+01	1.56E+02	-6.10E-03	-1.19E+00
9.76E+01	-9.30E+01	1.56E+02	-2.69E-02	-1.19E+00
9.76E+01	-9.30E+01	1.56E+02	-9.77E-03	-1.17E+00
9.76E+01	-9.30E+01	1.56E+02	-7.32E-03	-1.19E+00
9.77E+01	-9.30E+01	1.56E+02	-1.46E-02	-1.18E+00
9.77E+01	-9.30E+01	1.56E+02	2.44E-03	-1.17E+00
9.77E+01	-9.30E+01	1.56E+02	-1.46E-02	-1.18E+00
9.77E+01	-9.30E+01	1.56E+02	-1.34E-02	-1.18E+00
9.77E+01	-9.30E+01	1.56E+02	-3.42E-02	-1.18E+00
9.78E+01	-9.30E+01	1.56E+02	-4.15E-02	-1.17E+00
9.78E+01	-9.30E+01	1.56E+02	-8.54E-03	-1.17E+00
9.78E+01	-9.30E+01	1.56E+02	-2.44E-02	-1.17E+00
9.78E+01	-9.30E+01	1.56E+02	-2.44E-02	-1.16E+00
9.78E+01	-9.30E+01	1.55E+02	-1.83E-02	-1.18E+00
9.79E+01	-9.30E+01	1.56E+02	4.88E-03	-1.17E+00
9.79E+01	-9.30E+01	1.56E+02	-1.34E-02	-1.16E+00
9.79E+01	-9.30E+01	1.56E+02	-1.46E-02	-1.16E+00
9.79E+01	-9.30E+01	1.56E+02	-3.05E-02	-1.16E+00
9.79E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.16E+00
9.80E+01	-9.30E+01	1.56E+02	-2.56E-02	-1.15E+00
9.80E+01	-9.30E+01	1.56E+02	-1.95E-02	-1.16E+00
9.80E+01	-9.30E+01	1.56E+02	-1.71E-02	-1.15E+00
9.80E+01	-9.30E+01	1.55E+02	-2.44E-02	-1.15E+00
9.80E+01	-9.30E+01	1.56E+02	7.32E-03	-1.14E+00
9.81E+01	-9.30E+01	1.55E+02	-1.34E-02	-1.15E+00
9.81E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.15E+00
9.81E+01	-9.30E+01	1.55E+02	-3.30E-02	-1.15E+00
9.81E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.14E+00
9.81E+01	-9.30E+01	1.56E+02	-4.88E-03	-1.15E+00
9.82E+01	-9.30E+01	1.55E+02	-1.22E-02	-1.14E+00
9.82E+01	-9.30E+01	1.55E+02	-2.93E-02	-1.14E+00
9.82E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.13E+00
9.82E+01	-9.30E+01	1.55E+02	-2.44E-03	-1.13E+00
9.82E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.13E+00
9.83E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.14E+00
9.83E+01	-9.30E+01	1.55E+02	-1.22E-02	-1.12E+00
9.83E+01	-9.30E+01	1.55E+02	-2.08E-02	-1.13E+00
9.83E+01	-9.30E+01	1.55E+02	-3.42E-02	-1.12E+00
9.83E+01	-9.30E+01	1.55E+02	1.22E-02	-1.12E+00
9.84E+01	-9.30E+01	1.55E+02	-1.10E-02	-1.12E+00

9.84E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.12E+00
9.84E+01	-9.30E+01	1.55E+02	-1.83E-02	-1.11E+00
9.84E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.10E+00
9.84E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.12E+00
9.85E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.10E+00
9.85E+01	-9.30E+01	1.55E+02	-2.93E-02	-1.11E+00
9.85E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.10E+00
9.85E+01	-9.30E+01	1.55E+02	-2.32E-02	-1.10E+00
9.85E+01	-9.30E+01	1.55E+02	-4.39E-02	-1.11E+00
9.86E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.10E+00
9.86E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.09E+00
9.86E+01	-9.30E+01	1.55E+02	-1.34E-02	-1.10E+00
9.86E+01	-9.30E+01	1.55E+02	-1.22E-02	-1.10E+00
9.86E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.10E+00
9.87E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.09E+00
9.87E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.09E+00
9.87E+01	-9.30E+01	1.54E+02	-7.32E-03	-1.09E+00
9.87E+01	-9.30E+01	1.55E+02	-3.66E-02	-1.08E+00
9.87E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.09E+00
9.88E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.08E+00
9.88E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.09E+00
9.88E+01	-9.30E+01	1.55E+02	0.00E+00	-1.09E+00
9.88E+01	-9.30E+01	1.55E+02	-2.56E-02	-1.08E+00
9.88E+01	-9.30E+01	1.55E+02	7.32E-03	-1.10E+00
9.89E+01	-9.30E+01	1.54E+02	-1.95E-02	-1.08E+00
9.89E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.09E+00
9.89E+01	-9.30E+01	1.55E+02	-2.08E-02	-1.08E+00
9.89E+01	-9.30E+01	1.55E+02	-2.69E-02	-1.07E+00
9.89E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.08E+00
9.90E+01	-9.30E+01	1.55E+02	-3.66E-03	-1.07E+00
9.90E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.06E+00
9.90E+01	-9.30E+01	1.55E+02	-1.83E-02	-1.06E+00
9.90E+01	-9.30E+01	1.55E+02	-1.22E-02	-1.07E+00
9.90E+01	-9.30E+01	1.55E+02	0.00E+00	-1.06E+00
9.91E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.06E+00
9.91E+01	-9.30E+01	1.55E+02	-2.44E-03	-1.07E+00
9.91E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.07E+00
9.91E+01	-9.30E+01	1.55E+02	-2.44E-02	-1.07E+00
9.91E+01	-9.30E+01	1.55E+02	-1.59E-02	-1.05E+00
9.92E+01	-9.30E+01	1.55E+02	-2.81E-02	-1.05E+00
9.92E+01	-9.30E+01	1.55E+02	-1.22E-02	-1.06E+00
9.92E+01	-9.30E+01	1.55E+02	-1.34E-02	-1.04E+00
9.92E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.05E+00
9.92E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.04E+00
9.93E+01	-9.30E+01	1.55E+02	-1.59E-02	-1.05E+00
9.93E+01	-9.30E+01	1.55E+02	-1.34E-02	-1.05E+00
9.93E+01	-9.30E+01	1.55E+02	-6.10E-03	-1.04E+00

9.93E+01	-9.30E+01	1.55E+02	2.44E-03	-1.04E+00
9.93E+01	-9.30E+01	1.55E+02	-1.59E-02	-1.04E+00
9.94E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.05E+00
9.94E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.04E+00
9.94E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.03E+00
9.94E+01	-9.30E+01	1.55E+02	-3.17E-02	-1.03E+00
9.94E+01	-9.30E+01	1.55E+02	2.20E-02	-1.03E+00
9.95E+01	-9.30E+01	1.55E+02	-3.66E-03	-1.03E+00
9.95E+01	-9.30E+01	1.55E+02	-1.46E-02	-1.02E+00
9.95E+01	-9.30E+01	1.55E+02	-1.95E-02	-1.02E+00
9.95E+01	-9.30E+01	1.55E+02	-7.32E-03	-1.01E+00
9.95E+01	-9.30E+01	1.55E+02	-9.77E-03	-1.03E+00
9.96E+01	-9.30E+01	1.55E+02	-4.64E-02	-1.03E+00
9.96E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.01E+00
9.96E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.02E+00
9.96E+01	-9.30E+01	1.55E+02	-2.44E-02	-1.01E+00
9.96E+01	-9.30E+01	1.55E+02	-2.20E-02	-1.00E+00
9.97E+01	-9.30E+01	1.55E+02	-1.34E-02	-1.01E+00
9.97E+01	-9.30E+01	1.55E+02	-1.22E-02	-1.02E+00
9.97E+01	-9.30E+01	1.55E+02	-3.54E-02	-1.01E+00
9.97E+01	-9.30E+01	1.55E+02	-3.30E-02	-1.00E+00
9.97E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.01E+00
9.98E+01	-9.30E+01	1.55E+02	9.77E-03	-1.01E+00
9.98E+01	-9.30E+01	1.55E+02	-1.71E-02	-1.01E+00
9.98E+01	-9.30E+01	1.55E+02	-1.83E-02	-9.94E-01
9.98E+01	-9.30E+01	1.55E+02	-1.71E-02	-9.97E-01
9.98E+01	-9.30E+01	1.55E+02	-4.88E-03	-9.97E-01
9.99E+01	-9.30E+01	1.55E+02	-1.22E-02	-9.91E-01
9.99E+01	-9.30E+01	1.55E+02	-3.05E-02	-9.91E-01
9.99E+01	-9.30E+01	1.55E+02	-1.46E-02	-9.92E-01
9.99E+01	-9.30E+01	1.55E+02	-4.88E-03	-9.80E-01
9.99E+01	-9.30E+01	1.55E+02	-1.71E-02	-9.89E-01
1.00E+02	-9.30E+01	1.55E+02	-9.77E-03	-9.82E-01
1.00E+02	-9.30E+01	1.55E+02	-1.22E-02	-9.92E-01
1.00E+02	-9.30E+01	1.55E+02	0.00E+00	-9.83E-01
1.00E+02	-9.30E+01	1.55E+02	-1.34E-02	-9.83E-01
1.00E+02	-9.30E+01	1.56E+02	-7.32E-03	-9.69E-01
1.00E+02	-9.30E+01	1.55E+02	-2.44E-02	-9.89E-01
1.00E+02	-9.30E+01	1.55E+02	-1.71E-02	-9.73E-01
1.00E+02	-9.30E+01	1.55E+02	-1.22E-02	-9.71E-01
1.00E+02	-9.30E+01	1.55E+02	-2.44E-02	-9.75E-01
1.00E+02	-9.30E+01	1.55E+02	-3.42E-02	-9.64E-01
1.00E+02	-9.30E+01	1.55E+02	-1.71E-02	-9.70E-01
1.00E+02	-9.30E+01	1.55E+02	-1.22E-02	-9.56E-01
1.00E+02	-9.30E+01	1.55E+02	-2.69E-02	-9.65E-01
1.00E+02	-9.30E+01	1.55E+02	-1.71E-02	-9.73E-01
1.00E+02	-9.30E+01	1.55E+02	-7.32E-03	-9.70E-01

1.00E+02	-9.30E+01	1.55E+02	-9.77E-03	-9.62E-01
1.00E+02	-9.30E+01	1.55E+02	-1.71E-02	-9.55E-01
1.00E+02	-9.30E+01	1.55E+02	-3.17E-02	-9.55E-01
1.00E+02	-9.30E+01	1.55E+02	-1.95E-02	-9.57E-01
1.00E+02	-9.30E+01	1.55E+02	-1.46E-02	-9.35E-01
1.00E+02	-9.30E+01	1.55E+02	-1.46E-02	-9.48E-01
1.00E+02	-9.30E+01	1.55E+02	0.00E+00	-9.57E-01
1.00E+02	-9.30E+01	1.55E+02	-2.44E-02	-9.45E-01
1.00E+02	-9.30E+01	1.55E+02	-3.17E-02	-9.42E-01
1.00E+02	-9.30E+01	1.55E+02	-8.54E-03	-9.50E-01
1.00E+02	-9.30E+01	1.54E+02	-9.77E-03	-9.42E-01
1.00E+02	-9.30E+01	1.55E+02	-2.69E-02	-9.38E-01
1.01E+02	-9.30E+01	1.55E+02	-6.10E-03	-9.43E-01
1.01E+02	-9.30E+01	1.55E+02	-9.77E-03	-9.42E-01
1.01E+02	-9.30E+01	1.54E+02	-1.59E-02	-9.42E-01
1.01E+02	-9.30E+01	1.54E+02	-1.46E-02	-9.37E-01
1.01E+02	-9.30E+01	1.54E+02	-2.93E-02	-9.31E-01
1.01E+02	-9.30E+01	1.55E+02	-1.22E-02	-9.31E-01
1.01E+02	-9.30E+01	1.55E+02	-9.77E-03	-9.24E-01
1.01E+02	-9.30E+01	1.55E+02	-2.93E-02	-9.23E-01
1.01E+02	-9.30E+01	1.55E+02	-1.71E-02	-9.31E-01
1.01E+02	-9.30E+01	1.55E+02	-1.95E-02	-9.35E-01
1.01E+02	-9.30E+01	1.55E+02	-1.95E-02	-9.17E-01
1.01E+02	-9.30E+01	1.55E+02	-1.10E-02	-9.29E-01
1.01E+02	-9.30E+01	1.54E+02	-2.69E-02	-9.20E-01
1.01E+02	-9.30E+01	1.54E+02	-2.69E-02	-9.17E-01
1.01E+02	-9.30E+01	1.55E+02	-3.78E-02	-9.13E-01
1.01E+02	-9.30E+01	1.55E+02	-7.32E-03	-9.15E-01
1.01E+02	-9.30E+01	1.55E+02	-1.59E-02	-9.21E-01
1.01E+02	-9.30E+01	1.54E+02	-2.20E-02	-9.10E-01
1.01E+02	-9.30E+01	1.54E+02	-1.46E-02	-8.98E-01
1.01E+02	-9.30E+01	1.55E+02	-1.46E-02	-9.12E-01
1.01E+02	-9.30E+01	1.55E+02	-3.05E-02	-9.04E-01
1.01E+02	-9.30E+01	1.54E+02	-1.71E-02	-9.07E-01
1.01E+02	-9.30E+01	1.54E+02	-2.20E-02	-9.03E-01
1.01E+02	-9.30E+01	1.55E+02	-1.46E-02	-9.08E-01
1.01E+02	-9.30E+01	1.55E+02	-2.44E-03	-9.13E-01
1.01E+02	-9.30E+01	1.54E+02	-2.20E-02	-8.97E-01
1.01E+02	-9.30E+01	1.54E+02	-1.22E-02	-8.85E-01
1.01E+02	-9.30E+01	1.54E+02	-4.88E-03	-8.95E-01
1.01E+02	-9.30E+01	1.54E+02	-9.77E-03	-8.95E-01
1.01E+02	-9.30E+01	1.54E+02	-2.32E-02	-8.96E-01
1.01E+02	-9.30E+01	1.54E+02	0.00E+00	-8.94E-01
1.01E+02	-9.30E+01	1.54E+02	-9.77E-03	-8.97E-01
1.01E+02	-9.30E+01	1.54E+02	-2.44E-02	-8.91E-01
1.01E+02	-9.30E+01	1.54E+02	-1.46E-02	-8.89E-01
1.01E+02	-9.30E+01	1.54E+02	-8.54E-03	-8.86E-01

1.01E+02	-9.30E+01	1.54E+02	-9.77E-03	-8.84E-01
1.01E+02	-9.30E+01	1.54E+02	-6.10E-02	-8.79E-01
1.01E+02	-9.30E+01	1.54E+02	-9.77E-03	-8.78E-01
1.01E+02	-9.30E+01	1.53E+02	-1.59E-02	-8.89E-01
1.01E+02	-9.30E+01	1.53E+02	-1.71E-02	-8.70E-01
1.01E+02	-9.30E+01	1.54E+02	-1.34E-02	-8.74E-01
1.01E+02	-9.30E+01	1.54E+02	-2.08E-02	-8.72E-01
1.01E+02	-9.30E+01	1.53E+02	-4.64E-02	-8.70E-01
1.01E+02	-9.30E+01	1.54E+02	-1.46E-02	-8.67E-01
1.01E+02	-9.30E+01	1.54E+02	-8.54E-03	-8.61E-01
1.01E+02	-9.30E+01	1.54E+02	-3.78E-02	-8.73E-01
1.01E+02	-9.30E+01	1.54E+02	-1.34E-02	-8.62E-01
1.01E+02	-9.30E+01	1.53E+02	-9.77E-03	-8.66E-01
1.01E+02	-9.30E+01	1.53E+02	-3.91E-02	-8.64E-01
1.01E+02	-9.30E+01	1.53E+02	-8.54E-03	-8.59E-01
1.02E+02	-9.30E+01	1.53E+02	-9.77E-03	-8.60E-01
1.02E+02	-9.30E+01	1.53E+02	-2.20E-02	-8.43E-01
1.02E+02	-9.30E+01	1.53E+02	-1.95E-02	-8.52E-01
1.02E+02	-9.30E+01	1.53E+02	-1.95E-02	-8.62E-01
1.02E+02	-9.30E+01	1.53E+02	-1.34E-02	-8.55E-01
1.02E+02	-9.30E+01	1.53E+02	-1.71E-02	-8.50E-01
1.02E+02	-9.30E+01	1.53E+02	-1.83E-02	-8.46E-01
1.02E+02	-9.30E+01	1.53E+02	4.88E-03	-8.53E-01
1.02E+02	-9.30E+01	1.53E+02	-1.34E-02	-8.48E-01
1.02E+02	-9.30E+01	1.53E+02	-1.59E-02	-8.34E-01
1.02E+02	-9.30E+01	1.52E+02	-1.10E-02	-8.43E-01
1.02E+02	-9.30E+01	1.52E+02	-4.15E-02	-8.42E-01
1.02E+02	-9.30E+01	1.53E+02	-1.59E-02	-8.36E-01
1.02E+02	-9.30E+01	1.53E+02	-3.78E-02	-8.30E-01
1.02E+02	-9.30E+01	1.53E+02	-2.44E-03	-8.37E-01
1.02E+02	-9.30E+01	1.53E+02	-1.10E-02	-8.45E-01
1.02E+02	-9.30E+01	1.53E+02	-2.44E-02	-8.33E-01
1.02E+02	-9.30E+01	1.53E+02	-2.44E-03	-8.24E-01
1.02E+02	-9.30E+01	1.52E+02	-2.32E-02	-8.32E-01
1.02E+02	-9.30E+01	1.52E+02	2.44E-03	-8.25E-01
1.02E+02	-9.30E+01	1.52E+02	-4.88E-03	-8.29E-01
1.02E+02	-9.30E+01	1.52E+02	-1.22E-02	-8.28E-01
1.02E+02	-9.30E+01	1.52E+02	-2.20E-02	-8.20E-01
1.02E+02	-9.30E+01	1.52E+02	-7.32E-03	-8.20E-01
1.02E+02	-9.30E+01	1.52E+02	-2.44E-02	-8.23E-01
1.02E+02	-9.30E+01	1.52E+02	-3.78E-02	-8.26E-01
1.02E+02	-9.30E+01	1.52E+02	-1.95E-02	-8.11E-01
1.02E+02	-9.30E+01	1.52E+02	-2.08E-02	-8.20E-01
1.02E+02	-9.30E+01	1.52E+02	-2.32E-02	-8.18E-01
1.02E+02	-9.30E+01	1.52E+02	-9.77E-03	-8.21E-01
1.02E+02	-9.30E+01	1.52E+02	-1.46E-02	-8.12E-01
1.02E+02	-9.30E+01	1.52E+02	-1.71E-02	-7.97E-01

1.02E+02	-9.30E+01	1.52E+02	-3.05E-02	-8.03E-01
1.02E+02	-9.30E+01	1.52E+02	9.77E-03	-8.07E-01
1.02E+02	-9.30E+01	1.52E+02	-1.95E-02	-8.04E-01
1.02E+02	-9.30E+01	1.52E+02	-3.91E-02	-8.00E-01
1.02E+02	-9.30E+01	1.52E+02	-1.95E-02	-7.90E-01
1.02E+02	-9.30E+01	1.52E+02	-1.46E-02	-7.95E-01
1.02E+02	-9.30E+01	1.52E+02	-4.88E-03	-7.98E-01
1.02E+02	-9.30E+01	1.52E+02	-1.22E-02	-7.92E-01
1.02E+02	-9.30E+01	1.52E+02	-1.71E-02	-7.92E-01
1.02E+02	-9.30E+01	1.52E+02	8.54E-03	-7.91E-01
1.02E+02	-9.30E+01	1.52E+02	-2.08E-02	-7.89E-01
1.02E+02	-9.30E+01	1.52E+02	-2.69E-02	-7.86E-01
1.02E+02	-9.30E+01	1.52E+02	-3.66E-03	-7.84E-01
1.02E+02	-9.30E+01	1.52E+02	-9.77E-03	-7.88E-01
1.02E+02	-9.30E+01	1.52E+02	-2.20E-02	-7.76E-01
1.02E+02	-9.30E+01	1.52E+02	-1.59E-02	-7.77E-01
1.02E+02	-9.30E+01	1.52E+02	-1.46E-02	-7.77E-01
1.02E+02	-9.30E+01	1.52E+02	-1.71E-02	-7.78E-01
1.03E+02	-9.30E+01	1.52E+02	-3.91E-02	-7.80E-01
1.03E+02	-9.30E+01	1.52E+02	-2.20E-02	-7.75E-01
1.03E+02	-9.30E+01	1.52E+02	-1.71E-02	-7.65E-01
1.03E+02	-9.30E+01	1.52E+02	-1.95E-02	-7.71E-01
1.03E+02	-9.30E+01	1.52E+02	-1.71E-02	-7.64E-01
1.03E+02	-9.30E+01	1.52E+02	-1.95E-02	-7.64E-01
1.03E+02	-9.30E+01	1.52E+02	-2.69E-02	-7.74E-01
1.03E+02	-9.30E+01	1.52E+02	-3.05E-02	-7.59E-01
1.03E+02	-9.30E+01	1.52E+02	-1.46E-02	-7.58E-01
1.03E+02	-9.30E+01	1.52E+02	-7.32E-03	-7.67E-01
1.03E+02	-9.30E+01	1.52E+02	-2.44E-02	-7.71E-01
1.03E+02	-9.30E+01	1.52E+02	-1.95E-02	-7.54E-01
1.03E+02	-9.30E+01	1.52E+02	2.93E-02	-7.58E-01
1.03E+02	-9.30E+01	1.52E+02	-1.22E-02	-7.58E-01
1.03E+02	-9.30E+01	1.52E+02	-2.81E-02	-7.51E-01
1.03E+02	-9.30E+01	1.52E+02	-2.20E-02	-7.53E-01
1.03E+02	-9.30E+01	1.52E+02	-1.95E-02	-7.47E-01
1.03E+02	-9.30E+01	1.52E+02	-1.22E-03	-7.47E-01
1.03E+02	-9.30E+01	1.52E+02	-4.15E-02	-7.49E-01
1.03E+02	-9.30E+01	1.52E+02	-2.08E-02	-7.40E-01
1.03E+02	-9.30E+01	1.52E+02	-1.10E-02	-7.42E-01
1.03E+02	-9.30E+01	1.52E+02	-2.44E-02	-7.38E-01
1.03E+02	-9.30E+01	1.52E+02	-1.95E-02	-7.41E-01
1.03E+02	-9.30E+01	1.53E+02	-7.32E-03	-7.34E-01
1.03E+02	-9.30E+01	1.52E+02	-1.46E-02	-7.49E-01
1.03E+02	-9.30E+01	1.52E+02	-2.44E-02	-7.31E-01
1.03E+02	-9.30E+01	1.52E+02	-2.44E-03	-7.25E-01
1.03E+02	-9.30E+01	1.53E+02	-4.88E-03	-7.29E-01
1.03E+02	-9.30E+01	1.53E+02	-1.95E-02	-7.31E-01

1.03E+02	-9.30E+01	1.53E+02	-2.69E-02	-7.20E-01
1.03E+02	-9.30E+01	1.52E+02	1.22E-03	-7.41E-01
1.03E+02	-9.30E+01	1.52E+02	-1.22E-02	-7.19E-01
1.03E+02	-9.30E+01	1.53E+02	-3.66E-03	-7.18E-01
1.03E+02	-9.30E+01	1.53E+02	-9.77E-03	-7.18E-01
1.03E+02	-9.30E+01	1.53E+02	-1.95E-02	-7.20E-01
1.03E+02	-9.30E+01	1.53E+02	-2.69E-02	-7.10E-01
1.03E+02	-9.30E+01	1.53E+02	-1.22E-02	-7.03E-01
1.03E+02	-9.30E+01	1.53E+02	-1.95E-02	-7.19E-01
1.03E+02	-9.30E+01	1.53E+02	-2.69E-02	-7.05E-01
1.03E+02	-9.30E+01	1.53E+02	-1.22E-02	-7.17E-01
1.03E+02	-9.30E+01	1.53E+02	2.44E-03	-7.08E-01
1.03E+02	-9.30E+01	1.53E+02	-2.56E-02	-7.01E-01
1.03E+02	-9.30E+01	1.53E+02	-1.95E-02	-7.06E-01
1.03E+02	-9.30E+01	1.53E+02	-2.44E-02	-7.20E-01
1.03E+02	-9.30E+01	1.53E+02	-2.32E-02	-7.06E-01
1.03E+02	-9.30E+01	1.53E+02	-2.69E-02	-7.04E-01
1.03E+02	-9.30E+01	1.53E+02	-2.69E-02	-7.03E-01
1.03E+02	-9.30E+01	1.53E+02	-3.91E-02	-6.93E-01
1.03E+02	-9.30E+01	1.53E+02	-1.34E-02	-6.93E-01
1.03E+02	-9.30E+01	1.53E+02	-3.66E-02	-6.88E-01
1.04E+02	-9.30E+01	1.54E+02	-2.44E-02	-6.84E-01
1.04E+02	-9.30E+01	1.53E+02	-1.46E-02	-6.85E-01
1.04E+02	-9.30E+01	1.54E+02	-1.46E-02	-6.87E-01
1.04E+02	-9.30E+01	1.54E+02	-8.54E-03	-6.78E-01
1.04E+02	-9.30E+01	1.54E+02	-7.32E-03	-6.88E-01
1.04E+02	-9.30E+01	1.54E+02	-5.13E-02	-6.87E-01
1.04E+02	-9.30E+01	1.54E+02	-2.81E-02	-6.74E-01
1.04E+02	-9.30E+01	1.54E+02	-7.32E-03	-6.88E-01
1.04E+02	-9.30E+01	1.54E+02	-1.46E-02	-6.83E-01
1.04E+02	-9.30E+01	1.54E+02	-3.66E-02	-6.78E-01
1.04E+02	-9.30E+01	1.54E+02	-9.77E-03	-6.73E-01
1.04E+02	-9.30E+01	1.54E+02	-2.93E-02	-6.79E-01
1.04E+02	-9.30E+01	1.54E+02	-2.44E-02	-6.72E-01
1.04E+02	-9.30E+01	1.54E+02	-1.34E-02	-6.66E-01
1.04E+02	-9.30E+01	1.54E+02	-1.22E-02	-6.64E-01
1.04E+02	-9.30E+01	1.54E+02	-6.10E-03	-6.76E-01
1.04E+02	-9.30E+01	1.54E+02	-1.83E-02	-6.60E-01
1.04E+02	-9.30E+01	1.54E+02	-2.93E-02	-6.62E-01
1.04E+02	-9.30E+01	1.54E+02	-2.81E-02	-6.61E-01
1.04E+02	-9.30E+01	1.54E+02	-2.81E-02	-6.56E-01
1.04E+02	-9.30E+01	1.54E+02	-9.77E-03	-6.66E-01
1.04E+02	-9.30E+01	1.54E+02	-3.66E-02	-6.53E-01
1.04E+02	-9.30E+01	1.54E+02	-1.34E-02	-6.53E-01
1.04E+02	-9.30E+01	1.54E+02	-6.10E-03	-6.48E-01
1.04E+02	-9.30E+01	1.54E+02	-3.42E-02	-6.47E-01
1.04E+02	-9.30E+01	1.54E+02	-4.88E-03	-6.50E-01

1.04E+02	-9.30E+01	1.55E+02	-1.22E-02	-6.52E-01
1.04E+02	-9.30E+01	1.54E+02	-4.39E-02	-6.43E-01
1.04E+02	-9.30E+01	1.54E+02	-4.88E-03	-6.46E-01
1.04E+02	-9.30E+01	1.53E+02	-9.77E-03	-6.49E-01
1.04E+02	-9.30E+01	1.54E+02	-3.54E-02	-6.30E-01
1.04E+02	-9.30E+01	1.54E+02	-1.46E-02	-6.39E-01
1.04E+02	-9.30E+01	1.55E+02	-4.88E-03	-6.46E-01
1.04E+02	-9.30E+01	1.54E+02	-3.17E-02	-6.32E-01
1.04E+02	-9.30E+01	1.55E+02	1.22E-02	-6.35E-01
1.04E+02	-9.30E+01	1.55E+02	-1.59E-02	-6.33E-01
1.04E+02	-9.30E+01	1.54E+02	-2.56E-02	-6.34E-01
1.04E+02	-9.30E+01	1.54E+02	-2.08E-02	-6.29E-01
1.04E+02	-9.30E+01	1.54E+02	-1.46E-02	-6.36E-01
1.04E+02	-9.30E+01	1.55E+02	-2.44E-02	-6.25E-01
1.04E+02	-9.30E+01	1.55E+02	-3.17E-02	-6.21E-01
1.04E+02	-9.30E+01	1.55E+02	-1.22E-02	-6.23E-01
1.04E+02	-9.30E+01	1.55E+02	-1.34E-02	-6.19E-01
1.04E+02	-9.30E+01	1.54E+02	-2.32E-02	-6.23E-01
1.04E+02	-9.30E+01	1.55E+02	-1.22E-02	-6.15E-01
1.04E+02	-9.30E+01	1.55E+02	-3.66E-03	-6.19E-01
1.04E+02	-9.30E+01	1.54E+02	-1.46E-02	-6.09E-01
1.04E+02	-9.30E+01	1.54E+02	-2.44E-02	-6.08E-01
1.04E+02	-9.30E+01	1.55E+02	9.77E-03	-6.15E-01
1.04E+02	-9.30E+01	1.55E+02	-2.20E-02	-6.13E-01
1.05E+02	-9.30E+01	1.55E+02	-2.69E-02	-6.07E-01
1.05E+02	-9.30E+01	1.54E+02	-9.77E-03	-6.13E-01
1.05E+02	-9.30E+01	1.54E+02	-2.44E-02	-6.01E-01
1.05E+02	-9.30E+01	1.55E+02	-3.05E-02	-6.00E-01
1.05E+02	-9.30E+01	1.55E+02	-8.54E-03	-6.01E-01
1.05E+02	-9.30E+01	1.54E+02	-2.69E-02	-6.07E-01
1.05E+02	-9.30E+01	1.54E+02	-2.44E-02	-5.94E-01
1.05E+02	-9.30E+01	1.55E+02	0.00E+00	-5.93E-01
1.05E+02	-9.30E+01	1.55E+02	-5.25E-02	-5.93E-01
1.05E+02	-9.30E+01	1.55E+02	-3.17E-02	-5.92E-01
1.05E+02	-9.30E+01	1.55E+02	-1.46E-02	-5.73E-01
1.05E+02	-9.30E+01	1.54E+02	-1.83E-02	-6.01E-01
1.05E+02	-9.30E+01	1.55E+02	-2.69E-02	-5.86E-01
1.05E+02	-9.30E+01	1.54E+02	-1.10E-02	-5.76E-01
1.05E+02	-9.30E+01	1.54E+02	-1.22E-02	-5.87E-01
1.05E+02	-9.30E+01	1.54E+02	-1.22E-02	-5.76E-01
1.05E+02	-9.30E+01	1.55E+02	-7.32E-03	-5.85E-01
1.05E+02	-9.30E+01	1.54E+02	0.00E+00	-5.75E-01
1.05E+02	-9.30E+01	1.54E+02	-2.20E-02	-5.70E-01
1.05E+02	-9.30E+01	1.54E+02	-9.77E-03	-5.85E-01
1.05E+02	-9.30E+01	1.54E+02	-1.83E-02	-5.76E-01
1.05E+02	-9.30E+01	1.54E+02	-2.44E-02	-5.73E-01
1.05E+02	-9.30E+01	1.54E+02	-9.77E-03	-5.76E-01

1.05E+02	-9.30E+01	1.54E+02	-9.77E-03	-5.75E-01
1.05E+02	-9.30E+01	1.54E+02	-1.71E-02	-5.67E-01
1.05E+02	-9.30E+01	1.54E+02	-7.32E-03	-5.78E-01
1.05E+02	-9.30E+01	1.54E+02	-2.44E-02	-5.62E-01
1.05E+02	-9.30E+01	1.54E+02	-1.71E-02	-5.70E-01
1.05E+02	-9.30E+01	1.54E+02	-2.20E-02	-5.66E-01
1.05E+02	-9.30E+01	1.54E+02	-2.08E-02	-5.56E-01
1.05E+02	-9.30E+01	1.54E+02	-9.77E-03	-5.59E-01
1.05E+02	-9.30E+01	1.54E+02	-2.20E-02	-5.59E-01
1.05E+02	-9.30E+01	1.54E+02	-2.56E-02	-5.59E-01
1.05E+02	-9.30E+01	1.54E+02	-1.59E-02	-5.61E-01
1.05E+02	-9.30E+01	1.54E+02	-1.59E-02	-5.59E-01
1.05E+02	-9.30E+01	1.54E+02	-2.44E-02	-5.52E-01
1.05E+02	-9.30E+01	1.54E+02	-2.20E-02	-5.41E-01
1.05E+02	-9.30E+01	1.54E+02	1.10E-02	-5.51E-01
1.05E+02	-9.30E+01	1.53E+02	-1.95E-02	-5.40E-01
1.05E+02	-9.30E+01	1.54E+02	-8.54E-03	-5.39E-01
1.05E+02	-9.30E+01	1.54E+02	-1.59E-02	-5.50E-01
1.05E+02	-9.30E+01	1.53E+02	-2.08E-02	-5.51E-01
1.05E+02	-9.30E+01	1.54E+02	-2.20E-02	-5.40E-01
1.05E+02	-9.30E+01	1.53E+02	-3.66E-03	-5.40E-01
1.05E+02	-9.30E+01	1.54E+02	-2.20E-02	-5.40E-01
1.05E+02	-9.30E+01	1.53E+02	1.95E-02	-5.29E-01
1.05E+02	-9.30E+01	1.53E+02	-7.32E-03	-5.36E-01
1.05E+02	-9.30E+01	1.53E+02	-1.71E-02	-5.29E-01
1.05E+02	-9.30E+01	1.53E+02	-1.34E-02	-5.30E-01
1.05E+02	-9.30E+01	1.53E+02	-6.10E-03	-5.31E-01
1.06E+02	-9.30E+01	1.53E+02	-1.10E-02	-5.43E-01
1.06E+02	-9.30E+01	1.53E+02	-1.95E-02	-5.22E-01
1.06E+02	-9.30E+01	1.53E+02	7.32E-03	-5.24E-01
1.06E+02	-9.30E+01	1.53E+02	-1.22E-02	-5.20E-01
1.06E+02	-9.30E+01	1.53E+02	-4.88E-02	-5.18E-01
1.06E+02	-9.30E+01	1.53E+02	-8.54E-03	-5.22E-01
1.06E+02	-9.30E+01	1.53E+02	-1.71E-02	-5.28E-01
1.06E+02	-9.30E+01	1.53E+02	-2.08E-02	-5.12E-01
1.06E+02	-9.30E+01	1.53E+02	-1.46E-02	-5.19E-01
1.06E+02	-9.30E+01	1.53E+02	-1.95E-02	-5.10E-01
1.06E+02	-9.30E+01	1.53E+02	-1.95E-02	-5.01E-01
1.06E+02	-9.30E+01	1.53E+02	-7.32E-03	-5.07E-01
1.06E+02	-9.30E+01	1.52E+02	-2.93E-02	-5.01E-01
1.06E+02	-9.30E+01	1.53E+02	-2.20E-02	-5.00E-01
1.06E+02	-9.30E+01	1.53E+02	4.88E-03	-5.03E-01
1.06E+02	-9.30E+01	1.53E+02	-9.77E-03	-5.03E-01
1.06E+02	-9.30E+01	1.52E+02	-1.22E-02	-4.84E-01
1.06E+02	-9.30E+01	1.52E+02	-1.71E-02	-4.91E-01
1.06E+02	-9.30E+01	1.52E+02	-2.44E-02	-4.92E-01
1.06E+02	-9.30E+01	1.52E+02	-1.95E-02	-4.84E-01

1.06E+02	-9.30E+01	1.52E+02	-1.95E-02	-4.94E-01
1.06E+02	-9.30E+01	1.52E+02	7.32E-03	-4.87E-01
1.06E+02	-9.30E+01	1.52E+02	-1.10E-02	-4.91E-01
1.06E+02	-9.30E+01	1.52E+02	-1.22E-03	-4.80E-01
1.06E+02	-9.30E+01	1.52E+02	-1.83E-02	-4.79E-01
1.06E+02	-9.30E+01	1.52E+02	-1.46E-02	-4.96E-01
1.06E+02	-9.30E+01	1.52E+02	-2.93E-02	-4.73E-01
1.06E+02	-9.30E+01	1.52E+02	8.54E-03	-4.77E-01
1.06E+02	-9.30E+01	1.52E+02	-9.77E-03	-4.80E-01
1.06E+02	-9.30E+01	1.52E+02	-3.17E-02	-4.66E-01
1.06E+02	-9.30E+01	1.52E+02	-1.22E-02	-4.71E-01
1.06E+02	-9.30E+01	1.52E+02	-4.88E-03	-4.87E-01
1.06E+02	-9.30E+01	1.51E+02	-2.56E-02	-4.67E-01
1.06E+02	-9.30E+01	1.51E+02	-1.59E-02	-4.65E-01
1.06E+02	-9.30E+01	1.51E+02	-1.95E-02	-4.71E-01
1.06E+02	-9.30E+01	1.51E+02	-3.05E-02	-4.53E-01
1.06E+02	-9.30E+01	1.51E+02	-1.22E-02	-4.64E-01
1.06E+02	-9.30E+01	1.51E+02	-9.77E-03	-4.67E-01
1.06E+02	-9.30E+01	1.51E+02	-2.81E-02	-4.61E-01
1.06E+02	-9.30E+01	1.51E+02	-1.22E-03	-4.64E-01
1.06E+02	-9.30E+01	1.51E+02	-7.32E-03	-4.62E-01
1.06E+02	-9.30E+01	1.51E+02	-2.81E-02	-4.50E-01
1.06E+02	-9.30E+01	1.51E+02	-1.22E-03	-4.49E-01
1.06E+02	-9.30E+01	1.51E+02	-1.10E-02	-4.56E-01
1.06E+02	-9.30E+01	1.51E+02	-2.93E-02	-4.47E-01
1.06E+02	-9.30E+01	1.51E+02	2.44E-03	-4.50E-01
1.06E+02	-9.30E+01	1.50E+02	-9.77E-03	-4.52E-01
1.06E+02	-9.30E+01	1.50E+02	-2.44E-02	-4.41E-01
1.06E+02	-9.30E+01	1.51E+02	-1.83E-02	-4.48E-01
1.06E+02	-9.30E+01	1.50E+02	-1.59E-02	-4.46E-01
1.07E+02	-9.30E+01	1.50E+02	-2.20E-02	-4.46E-01
1.07E+02	-9.30E+01	1.50E+02	-3.42E-02	-4.39E-01
1.07E+02	-9.30E+01	1.50E+02	-9.77E-03	-4.43E-01
1.07E+02	-9.30E+01	1.50E+02	-2.20E-02	-4.33E-01
1.07E+02	-9.30E+01	1.50E+02	-1.83E-02	-4.39E-01
1.07E+02	-9.30E+01	1.50E+02	-1.10E-02	-4.36E-01
1.07E+02	-9.30E+01	1.49E+02	-1.46E-02	-4.45E-01
1.07E+02	-9.30E+01	1.49E+02	-2.32E-02	-4.25E-01
1.07E+02	-9.30E+01	1.50E+02	-1.83E-02	-4.23E-01
1.07E+02	-9.30E+01	1.50E+02	-2.44E-02	-4.28E-01
1.07E+02	-9.30E+01	1.50E+02	-3.17E-02	-4.16E-01
1.07E+02	-9.30E+01	1.50E+02	-1.46E-02	-4.24E-01
1.07E+02	-9.30E+01	1.49E+02	-3.17E-02	-4.25E-01
1.07E+02	-9.30E+01	1.50E+02	-2.44E-02	-4.11E-01
1.07E+02	-9.30E+01	1.49E+02	-1.95E-02	-4.19E-01
1.07E+02	-9.30E+01	1.49E+02	-3.42E-02	-4.11E-01
1.07E+02	-9.30E+01	1.49E+02	-1.22E-02	-4.13E-01

1.07E+02	-9.30E+01	1.50E+02	-1.71E-02	-4.18E-01
1.07E+02	-9.30E+01	1.49E+02	-4.88E-03	-4.07E-01
1.07E+02	-9.30E+01	1.49E+02	-1.46E-02	-4.02E-01
1.07E+02	-9.30E+01	1.49E+02	-2.44E-02	-4.08E-01
1.07E+02	-9.30E+01	1.49E+02	-2.20E-02	-4.02E-01
1.07E+02	-9.30E+01	1.50E+02	-1.95E-02	-3.86E-01
1.07E+02	-9.30E+01	1.49E+02	-2.20E-02	-3.99E-01
1.07E+02	-9.30E+01	1.49E+02	-1.34E-02	-4.03E-01
1.07E+02	-9.30E+01	1.49E+02	-2.20E-02	-3.98E-01
1.07E+02	-9.30E+01	1.49E+02	-1.22E-02	-3.93E-01
1.07E+02	-9.30E+01	1.49E+02	-1.71E-02	-3.96E-01
1.07E+02	-9.30E+01	1.49E+02	-2.32E-02	-3.78E-01
1.07E+02	-9.30E+01	1.49E+02	-2.69E-02	-3.88E-01
1.07E+02	-9.30E+01	1.49E+02	-1.10E-02	-3.93E-01
1.07E+02	-9.30E+01	1.49E+02	-1.46E-02	-3.97E-01
1.07E+02	-9.30E+01	1.49E+02	-1.59E-02	-3.84E-01
1.07E+02	-9.30E+01	1.49E+02	2.44E-03	-3.87E-01
1.07E+02	-9.30E+01	1.49E+02	-2.56E-02	-3.82E-01
1.07E+02	-9.30E+01	1.50E+02	-3.42E-02	-3.77E-01
1.07E+02	-9.30E+01	1.50E+02	-8.54E-03	-3.82E-01
1.07E+02	-9.30E+01	1.49E+02	-1.59E-02	-3.85E-01
1.07E+02	-9.30E+01	1.49E+02	-2.44E-02	-3.75E-01
1.07E+02	-9.30E+01	1.49E+02	-1.46E-02	-3.80E-01
1.07E+02	-9.30E+01	1.49E+02	-1.71E-02	-3.77E-01
1.07E+02	-9.30E+01	1.49E+02	-2.56E-02	-3.71E-01
1.07E+02	-9.30E+01	1.50E+02	-2.32E-02	-3.72E-01
1.07E+02	-9.30E+01	1.50E+02	-3.17E-02	-3.71E-01
1.07E+02	-9.30E+01	1.50E+02	-2.32E-02	-3.69E-01
1.07E+02	-9.30E+01	1.50E+02	8.54E-03	-3.64E-01
1.07E+02	-9.30E+01	1.50E+02	-1.22E-03	-3.67E-01
1.07E+02	-9.30E+01	1.50E+02	-2.20E-02	-3.76E-01
1.07E+02	-9.30E+01	1.50E+02	-1.46E-02	-3.52E-01
1.07E+02	-9.30E+01	1.50E+02	-2.44E-03	-3.59E-01
1.08E+02	-9.30E+01	1.50E+02	-3.05E-02	-3.62E-01
1.08E+02	-9.30E+01	1.50E+02	-7.32E-03	-3.53E-01
1.08E+02	-9.30E+01	1.51E+02	-1.71E-02	-3.51E-01
1.08E+02	-9.30E+01	1.50E+02	-1.95E-02	-3.56E-01
1.08E+02	-9.30E+01	1.50E+02	2.44E-03	-3.50E-01
1.08E+02	-9.30E+01	1.50E+02	-1.95E-02	-3.50E-01
1.08E+02	-9.30E+01	1.51E+02	-2.44E-02	-3.47E-01
1.08E+02	-9.30E+01	1.51E+02	-1.22E-02	-3.50E-01
1.08E+02	-9.30E+01	1.51E+02	-1.46E-02	-3.47E-01
1.08E+02	-9.30E+01	1.51E+02	-2.69E-02	-3.37E-01
1.08E+02	-9.30E+01	1.52E+02	-7.32E-03	-3.47E-01
1.08E+02	-9.30E+01	1.52E+02	-2.32E-02	-3.38E-01
1.08E+02	-9.30E+01	1.51E+02	-1.71E-02	-3.39E-01
1.08E+02	-9.30E+01	1.51E+02	-1.22E-02	-3.40E-01

1.08E+02	-9.30E+01	1.51E+02	-2.56E-02	-3.28E-01
1.08E+02	-9.30E+01	1.52E+02	-2.08E-02	-3.36E-01
1.08E+02	-9.30E+01	1.52E+02	-2.93E-02	-3.32E-01
1.08E+02	-9.30E+01	1.52E+02	-3.17E-02	-3.27E-01
1.08E+02	-9.30E+01	1.52E+02	-1.46E-02	-3.28E-01
1.08E+02	-9.30E+01	1.52E+02	-1.71E-02	-3.32E-01
1.08E+02	-9.30E+01	1.52E+02	-3.17E-02	-3.08E-01
1.08E+02	-9.30E+01	1.52E+02	-1.71E-02	-3.23E-01
1.08E+02	-9.30E+01	1.52E+02	-2.20E-02	-3.34E-01
1.08E+02	-9.30E+01	1.53E+02	-3.66E-02	-3.12E-01
1.08E+02	-9.30E+01	1.53E+02	2.44E-03	-3.19E-01
1.08E+02	-9.30E+01	1.53E+02	-1.95E-02	-3.13E-01
1.08E+02	-9.30E+01	1.53E+02	-3.17E-02	-3.10E-01
1.08E+02	-9.30E+01	1.53E+02	-6.10E-03	-3.16E-01
1.08E+02	-9.30E+01	1.53E+02	-1.71E-02	-3.19E-01
1.08E+02	-9.30E+01	1.54E+02	-2.56E-02	-3.13E-01
1.08E+02	-9.30E+01	1.54E+02	-1.46E-02	-3.10E-01
1.08E+02	-9.30E+01	1.53E+02	-7.32E-03	-3.22E-01
1.08E+02	-9.30E+01	1.54E+02	-2.44E-02	-3.04E-01
1.08E+02	-9.30E+01	1.54E+02	-3.91E-02	-2.98E-01
1.08E+02	-9.30E+01	1.54E+02	-1.71E-02	-3.05E-01
1.08E+02	-9.30E+01	1.54E+02	-2.44E-03	-2.98E-01
1.08E+02	-9.30E+01	1.54E+02	-1.46E-02	-3.01E-01
1.08E+02	-9.30E+01	1.54E+02	-1.59E-02	-3.00E-01
1.08E+02	-9.30E+01	1.54E+02	-1.71E-02	-2.95E-01
1.08E+02	-9.30E+01	1.54E+02	-2.20E-02	-2.99E-01
1.08E+02	-9.30E+01	1.54E+02	-2.44E-02	-2.85E-01
1.08E+02	-9.30E+01	1.55E+02	2.93E-02	-2.97E-01
1.08E+02	-9.30E+01	1.55E+02	-3.17E-02	-2.84E-01
1.08E+02	-9.30E+01	1.55E+02	-2.32E-02	-2.80E-01
1.08E+02	-9.30E+01	1.55E+02	-7.32E-03	-2.89E-01
1.08E+02	-9.30E+01	1.55E+02	-1.71E-02	-2.73E-01
1.08E+02	-9.30E+01	1.56E+02	-1.34E-02	-2.75E-01
1.08E+02	-9.30E+01	1.56E+02	-7.32E-03	-2.81E-01
1.08E+02	-9.30E+01	1.56E+02	-7.32E-03	-2.81E-01
1.08E+02	-9.30E+01	1.56E+02	1.22E-03	-2.73E-01
1.09E+02	-9.30E+01	1.56E+02	0.00E+00	-2.76E-01
1.09E+02	-9.30E+01	1.56E+02	-2.44E-03	-2.69E-01
1.09E+02	-9.30E+01	1.56E+02	-9.77E-03	-2.70E-01
1.09E+02	-9.30E+01	1.57E+02	-7.32E-03	-2.58E-01
1.09E+02	-9.30E+01	1.56E+02	-2.69E-02	-2.65E-01
1.09E+02	-9.30E+01	1.57E+02	-1.59E-02	-2.65E-01
1.09E+02	-9.30E+01	1.57E+02	-1.71E-02	-2.66E-01
1.09E+02	-9.30E+01	1.57E+02	-2.69E-02	-2.62E-01
1.09E+02	-9.30E+01	1.57E+02	-1.34E-02	-2.60E-01
1.09E+02	-9.30E+01	1.57E+02	-4.88E-03	-2.62E-01
1.09E+02	-9.30E+01	1.57E+02	-3.42E-02	-2.54E-01

1.09E+02	-9.30E+01	1.57E+02	-1.22E-02	-2.56E-01
1.09E+02	-9.30E+01	1.57E+02	-9.77E-03	-2.57E-01
1.09E+02	-9.30E+01	1.58E+02	-3.66E-02	-2.49E-01
1.09E+02	-9.30E+01	1.58E+02	-4.88E-03	-2.49E-01
1.09E+02	-9.30E+01	1.58E+02	-2.08E-02	-2.49E-01
1.09E+02	-9.30E+01	1.58E+02	-1.95E-02	-2.49E-01
1.09E+02	-9.30E+01	1.58E+02	-4.88E-03	-2.49E-01
1.09E+02	-9.30E+01	1.58E+02	-1.95E-02	-2.56E-01
1.09E+02	-9.30E+01	1.59E+02	-1.10E-02	-2.44E-01
1.09E+02	-9.30E+01	1.58E+02	2.44E-03	-2.45E-01
1.09E+02	-9.30E+01	1.58E+02	-1.95E-02	-2.33E-01
1.09E+02	-9.30E+01	1.59E+02	-4.64E-02	-2.37E-01
1.09E+02	-9.30E+01	1.59E+02	-1.34E-02	-2.39E-01
1.09E+02	-9.30E+01	1.59E+02	-1.71E-02	-2.21E-01
1.09E+02	-9.30E+01	1.59E+02	-7.32E-03	-2.36E-01
1.09E+02	-9.30E+01	1.59E+02	-1.95E-02	-2.26E-01
1.09E+02	-9.30E+01	1.59E+02	-9.77E-03	-2.27E-01
1.09E+02	-9.30E+01	1.59E+02	-3.66E-02	-2.35E-01
1.09E+02	-9.30E+01	1.59E+02	-2.93E-02	-2.22E-01
1.09E+02	-9.30E+01	1.59E+02	4.88E-03	-2.24E-01
1.09E+02	-9.30E+01	1.59E+02	-1.83E-02	-2.26E-01
1.09E+02	-9.30E+01	1.59E+02	-9.77E-03	-2.14E-01
1.09E+02	-9.30E+01	1.59E+02	-4.88E-03	-2.21E-01
1.09E+02	-9.30E+01	1.59E+02	-2.44E-02	-2.26E-01
1.09E+02	-9.30E+01	1.59E+02	-9.77E-03	-2.15E-01
1.09E+02	-9.30E+01	1.59E+02	-3.66E-03	-2.18E-01
1.09E+02	-9.30E+01	1.59E+02	-2.20E-02	-2.03E-01
1.09E+02	-9.30E+01	1.59E+02	-7.32E-03	-2.18E-01
1.09E+02	-9.30E+01	1.59E+02	-1.46E-02	-2.11E-01
1.09E+02	-9.30E+01	1.59E+02	-2.69E-02	-1.99E-01
1.09E+02	-9.30E+01	1.59E+02	-2.08E-02	-2.16E-01
1.09E+02	-9.30E+01	1.59E+02	-2.20E-02	-2.07E-01
1.09E+02	-9.30E+01	1.59E+02	-1.46E-02	-1.97E-01
1.09E+02	-9.30E+01	1.59E+02	-7.32E-03	-2.03E-01
1.09E+02	-9.30E+01	1.58E+02	-2.20E-02	-2.00E-01
1.09E+02	-9.30E+01	1.58E+02	-2.69E-02	-1.92E-01
1.09E+02	-9.30E+01	1.59E+02	-9.77E-03	-1.90E-01
1.09E+02	-9.30E+01	1.58E+02	-2.20E-02	-1.95E-01
1.09E+02	-9.30E+01	1.58E+02	-2.32E-02	-1.91E-01
1.10E+02	-9.30E+01	1.58E+02	-4.88E-03	-1.95E-01
1.10E+02	-9.30E+01	1.58E+02	-6.10E-02	-1.82E-01
1.10E+02	-9.30E+01	1.58E+02	-1.46E-02	-1.89E-01
1.10E+02	-9.30E+01	1.58E+02	9.77E-03	-1.87E-01
1.10E+02	-9.30E+01	1.58E+02	-3.17E-02	-1.79E-01
1.10E+02	-9.30E+01	1.58E+02	-1.46E-02	-1.70E-01
1.10E+02	-9.30E+01	1.58E+02	-1.46E-02	-1.86E-01
1.10E+02	-9.30E+01	1.58E+02	-1.59E-02	-1.72E-01

1.10E+02	-9.30E+01	1.57E+02	-2.44E-03	-1.78E-01
1.10E+02	-9.30E+01	1.57E+02	-1.46E-02	-1.67E-01
1.10E+02	-9.30E+01	1.57E+02	-2.44E-02	-1.71E-01
1.10E+02	-9.30E+01	1.57E+02	-2.69E-02	-1.77E-01
1.10E+02	-9.30E+01	1.57E+02	-1.59E-02	-1.67E-01
1.10E+02	-9.30E+01	1.57E+02	-2.44E-03	-1.65E-01
1.10E+02	-9.30E+01	1.57E+02	-1.71E-02	-1.75E-01
1.10E+02	-9.30E+01	1.57E+02	-2.81E-02	-1.63E-01
1.10E+02	-9.30E+01	1.57E+02	-9.77E-03	-1.62E-01
1.10E+02	-9.30E+01	1.57E+02	-2.20E-02	-1.64E-01
1.10E+02	-9.30E+01	1.57E+02	-7.32E-03	-1.59E-01
1.10E+02	-9.30E+01	1.56E+02	-9.77E-03	-1.60E-01
1.10E+02	-9.30E+01	1.56E+02	9.77E-03	-1.51E-01
1.10E+02	-9.30E+01	1.56E+02	-1.22E-02	-1.56E-01
1.10E+02	-9.30E+01	1.56E+02	7.32E-03	-1.62E-01
1.10E+02	-9.30E+01	1.56E+02	-2.69E-02	-1.43E-01
1.10E+02	-9.30E+01	1.55E+02	0.00E+00	-1.59E-01
1.10E+02	-9.30E+01	1.56E+02	-1.95E-02	-1.42E-01
1.10E+02	-9.30E+01	1.56E+02	4.88E-03	-1.44E-01
1.10E+02	-9.30E+01	1.55E+02	-1.95E-02	-1.47E-01
1.10E+02	-9.30E+01	1.55E+02	-2.20E-02	-1.42E-01
1.10E+02	-9.30E+01	1.55E+02	-1.71E-02	-1.47E-01
1.10E+02	-9.30E+01	1.55E+02	-1.71E-02	-1.38E-01
1.10E+02	-9.30E+01	1.55E+02	-7.32E-03	-1.48E-01
1.10E+02	-9.30E+01	1.54E+02	-4.15E-02	-1.31E-01
1.10E+02	-9.30E+01	1.54E+02	-1.22E-02	-1.31E-01
1.10E+02	-9.30E+01	1.55E+02	-1.46E-02	-1.22E-01
1.10E+02	-9.30E+01	1.54E+02	-3.54E-02	-1.32E-01
1.10E+02	-9.30E+01	1.54E+02	-2.44E-03	-1.32E-01
1.10E+02	-9.30E+01	1.54E+02	-2.81E-02	-1.28E-01
1.10E+02	-9.30E+01	1.54E+02	7.32E-03	-1.25E-01
1.10E+02	-9.30E+01	1.54E+02	-1.46E-02	-1.31E-01
1.10E+02	-9.30E+01	1.53E+02	-2.44E-02	-1.20E-01
1.10E+02	-9.30E+01	1.54E+02	-1.59E-02	-1.10E-01
1.10E+02	-9.30E+01	1.54E+02	-2.56E-02	-1.18E-01
1.10E+02	-9.30E+01	1.54E+02	-1.22E-02	-1.09E-01
1.10E+02	-9.30E+01	1.53E+02	-2.93E-02	-1.17E-01
1.10E+02	-9.30E+01	1.53E+02	4.88E-03	-1.14E-01
1.10E+02	-9.30E+01	1.53E+02	-1.46E-02	-1.10E-01
1.10E+02	-9.30E+01	1.53E+02	0.00E+00	-1.09E-01
1.10E+02	-9.30E+01	1.53E+02	-1.95E-02	-1.09E-01
1.10E+02	-9.30E+01	1.53E+02	-1.71E-02	-1.14E-01
1.11E+02	-9.30E+01	1.53E+02	-2.44E-03	-1.06E-01
1.11E+02	-9.30E+01	1.53E+02	-2.93E-02	-1.10E-01
1.11E+02	-9.30E+01	1.52E+02	-1.59E-02	-9.92E-02
1.11E+02	-9.30E+01	1.52E+02	-3.42E-02	-1.05E-01
1.11E+02	-9.30E+01	1.52E+02	-1.10E-02	-1.01E-01

1.11E+02	-9.30E+01	1.52E+02	4.88E-03	-9.75E-02
1.11E+02	-9.30E+01	1.51E+02	-1.34E-02	-1.02E-01
1.11E+02	-9.30E+01	1.51E+02	-1.71E-02	-8.82E-02
1.11E+02	-9.30E+01	1.51E+02	-1.22E-02	-9.37E-02
1.11E+02	-9.30E+01	1.51E+02	-1.83E-02	-8.65E-02
1.11E+02	-9.30E+01	1.51E+02	-7.32E-03	-8.82E-02
1.11E+02	-9.30E+01	1.50E+02	-1.34E-02	-9.24E-02
1.11E+02	-9.30E+01	1.50E+02	-1.22E-02	-9.33E-02
1.11E+02	-9.30E+01	1.50E+02	-2.44E-02	-7.89E-02
1.11E+02	-9.30E+01	1.50E+02	2.44E-03	-8.31E-02
1.11E+02	-9.30E+01	1.50E+02	-2.69E-02	-7.97E-02
1.11E+02	-9.30E+01	1.50E+02	-2.44E-02	-8.31E-02
1.11E+02	-9.30E+01	1.50E+02	-1.59E-02	-8.23E-02
1.11E+02	-9.30E+01	1.50E+02	-1.22E-02	-7.80E-02
1.11E+02	-9.30E+01	1.49E+02	-7.32E-03	-7.67E-02
1.11E+02	-9.30E+01	1.49E+02	-1.95E-02	-8.23E-02
1.11E+02	-9.30E+01	1.49E+02	-1.34E-02	-6.61E-02
1.11E+02	-9.30E+01	1.50E+02	-2.44E-02	-7.50E-02
1.11E+02	-9.30E+01	1.49E+02	-1.83E-02	-6.74E-02
1.11E+02	-9.30E+01	1.49E+02	-1.22E-02	-6.36E-02
1.11E+02	-9.30E+01	1.49E+02	-1.95E-02	-6.44E-02
1.11E+02	-9.30E+01	1.48E+02	-3.17E-02	-5.09E-02
1.11E+02	-9.30E+01	1.49E+02	-8.54E-03	-6.19E-02
1.11E+02	-9.30E+01	1.47E+02	-1.95E-02	-5.04E-02
1.11E+02	-9.30E+01	1.46E+02	-9.77E-03	-5.00E-02
1.11E+02	-9.30E+01	1.44E+02	-4.88E-03	-5.60E-02
1.11E+02	-9.30E+01	1.44E+02	-2.20E-02	-5.13E-02
1.11E+02	-9.30E+01	1.44E+02	-3.66E-03	-4.75E-02
1.11E+02	-9.30E+01	1.44E+02	-9.77E-03	-5.60E-02
1.11E+02	-9.30E+01	1.43E+02	-2.44E-02	-4.66E-02
1.11E+02	-9.30E+01	1.39E+02	-1.95E-02	-4.75E-02
1.11E+02	-9.30E+01	1.29E+02	-1.22E-02	-4.58E-02
1.11E+02	-9.30E+01	1.19E+02	-2.69E-02	-3.22E-02
1.11E+02	-9.30E+01	1.08E+02	2.44E-03	-3.98E-02
1.11E+02	-9.30E+01	9.62E+01	-7.32E-03	-3.64E-02
1.11E+02	-9.30E+01	8.58E+01	-2.44E-02	-2.63E-02
1.11E+02	-9.30E+01	7.57E+01	-7.32E-03	-4.49E-02
1.11E+02	-9.30E+01	6.53E+01	-3.17E-02	-2.20E-02
1.11E+02	-9.30E+01	5.49E+01	-1.46E-02	-2.12E-02
1.11E+02	-9.30E+01	4.49E+01	-1.46E-02	-2.29E-02
1.11E+02	-9.30E+01	3.50E+01	-3.54E-02	-1.23E-02
1.11E+02	-9.30E+01	2.55E+01	-1.22E-02	-1.31E-02
1.11E+02	-9.30E+01	1.60E+01	-1.46E-02	-2.12E-02
1.11E+02	-9.30E+01	7.33E+00	-1.22E-02	-9.29E-03
1.11E+02	-9.30E+01	1.60E+00	-9.77E-03	3.43E-03
1.12E+02	-9.30E+01	5.55E-02	-1.95E-02	3.43E-03
1.12E+02	-9.30E+01	-8.21E-02	-1.10E-02	-1.61E-02

1.12E+02	-9.30E+01	-1.28E-01	-2.32E-02	-1.66E-03
1.12E+02	-9.30E+01	-2.09E-02	1.22E-03	-8.45E-03
1.12E+02	-9.30E+01	-3.27E-01	-2.69E-02	-7.60E-03
1.12E+02	-9.30E+01	4.02E-02	-1.59E-02	-1.10E-02
1.12E+02	-9.30E+01	-2.66E-01	-1.95E-02	-2.03E-02
1.12E+02	-9.30E+01	1.63E-01	-4.88E-03	-1.23E-02
1.12E+02	-9.30E+01	-2.04E-01	-1.46E-02	-1.86E-02
1.12E+02	-9.30E+01	-8.21E-02	-2.44E-02	-2.71E-02
1.12E+02	-9.30E+01	-1.13E-01	-1.71E-02	-2.29E-02
1.12E+02	-9.30E+01	9.63E-03	-9.77E-03	-1.99E-02
1.12E+02	-9.30E+01	-5.71E-01	-2.20E-02	-7.17E-03
1.12E+02	-9.30E+01	-5.15E-02	-2.44E-02	-2.03E-02
1.12E+02	-9.30E+01	-3.57E-01	-3.42E-02	-1.18E-02
1.12E+02	-9.30E+01	-1.13E-01	-1.22E-02	-1.86E-02
1.12E+02	-9.30E+01	-2.66E-01	-3.54E-02	-7.60E-03
1.12E+02	-9.30E+01	-1.43E-01	-1.95E-02	-8.45E-03
1.12E+02	-9.30E+01	7.08E-02	-9.77E-03	-1.69E-02
1.12E+02	-9.30E+01	-1.89E-01	-1.71E-02	-1.48E-02
1.12E+02	-9.30E+01	-6.68E-02	-3.78E-02	-1.23E-02
1.12E+02	-9.30E+01	-1.13E-01	-1.46E-02	-2.12E-02
1.12E+02	-9.30E+01	-1.89E-01	-3.30E-02	-1.78E-02
1.12E+02	-9.30E+01	-3.62E-02	-4.88E-03	-2.20E-02
1.12E+02	-9.30E+01	-3.88E-01	-1.95E-02	-1.82E-02
1.12E+02	-9.30E+01	-2.09E-02	-1.22E-02	-1.69E-02
1.12E+02	-9.30E+01	-3.88E-01	-2.20E-02	-1.82E-02
1.12E+02	-9.30E+01	-2.09E-02	-2.44E-02	-1.52E-02
1.12E+02	-9.30E+01	4.02E-02	-7.32E-03	-3.14E-02
1.12E+02	-9.30E+01	-8.21E-02	-1.22E-02	-9.29E-03
1.12E+02	-9.30E+01	-2.09E-02	-9.77E-03	-2.03E-02
1.12E+02	-9.30E+01	-1.59E-01	-2.44E-02	-2.24E-02
1.12E+02	-9.30E+01	2.49E-02	-1.95E-02	-1.95E-02
1.12E+02	-9.30E+01	-5.15E-02	-4.88E-03	-2.20E-02
1.12E+02	-9.30E+01	5.55E-02	-1.95E-02	-1.69E-02
1.12E+02	-9.30E+01	-8.21E-02	0.00E+00	-1.65E-02
1.12E+02	-9.30E+01	7.08E-02	-1.59E-02	-1.78E-02
1.12E+02	-9.30E+01	1.01E-01	-1.46E-02	-1.57E-02
1.12E+02	-9.30E+01	-5.15E-02	-4.03E-02	-2.29E-02
1.12E+02	-9.30E+01	-2.35E-01	-1.71E-02	-1.86E-02
1.12E+02	-9.30E+01	-1.43E-01	-7.32E-03	-2.67E-02
1.12E+02	-9.30E+01	-2.35E-01	-2.20E-02	-1.40E-02
1.12E+02	-9.30E+01	2.54E-01	-1.46E-02	-1.35E-02
1.12E+02	-9.30E+01	9.63E-03	-1.22E-02	-2.97E-02
1.12E+02	-9.30E+01	-1.13E-01	-4.39E-02	-9.29E-03
1.12E+02	-9.30E+01	2.08E-01	-7.32E-03	-1.69E-02
1.12E+02	-9.30E+01	-2.66E-01	-2.08E-02	-1.69E-02
1.12E+02	-9.30E+01	9.63E-03	-8.54E-03	-2.97E-02
1.12E+02	-9.30E+01	2.08E-01	-1.95E-02	-1.99E-02

1.12E+02	-9.30E+01	-1.74E-01	-1.34E-02	-4.20E-03
1.13E+02	-9.30E+01	7.08E-02	2.20E-02	-2.29E-02
1.13E+02	-9.30E+01	9.63E-03	-3.17E-02	-1.78E-02
1.13E+02	-9.30E+01	1.32E-01	-1.10E-02	-1.31E-02
1.13E+02	-9.30E+01	9.63E-03	-1.22E-02	-3.22E-02
1.13E+02	-9.30E+01	-4.34E-01	-2.69E-02	-1.48E-02
1.13E+02	-9.30E+01	1.01E-01	-4.88E-03	-2.03E-02
1.13E+02	-9.30E+01	-2.35E-01	-2.44E-02	-1.61E-02
1.13E+02	-9.30E+01	-2.09E-02	-9.77E-03	-1.61E-02
1.13E+02	-9.30E+01	7.08E-02	-9.77E-03	-2.29E-02
1.13E+02	-9.30E+01	-1.43E-01	-2.69E-02	-1.78E-02
1.13E+02	-9.30E+01	2.49E-02	-2.44E-03	-1.86E-02
1.13E+02	-9.30E+01	7.08E-02	-1.83E-02	-7.60E-03
1.13E+02	-9.30E+01	9.63E-03	-2.20E-02	-9.29E-03
1.13E+02	-9.30E+01	2.85E-01	0.00E+00	-2.37E-02
1.13E+02	-9.30E+01	-8.21E-02	-1.95E-02	-1.23E-02
1.13E+02	-9.30E+01	2.24E-01	-1.22E-02	-2.37E-02
1.13E+02	-9.30E+01	-1.59E-01	-1.95E-02	-2.24E-02
1.13E+02	-9.30E+01	1.47E-01	-1.95E-02	-1.35E-02
1.13E+02	-9.30E+01	-6.68E-02	-9.77E-03	-2.71E-02
1.13E+02	-9.30E+01	-2.81E-01	-1.83E-02	-1.31E-02
1.13E+02	-9.30E+01	9.63E-03	-9.77E-03	-1.65E-02
1.13E+02	-9.30E+01	-8.21E-02	-1.46E-02	-6.75E-03
1.13E+02	-9.30E+01	-5.66E-03	-3.66E-02	-1.10E-02
1.13E+02	-9.30E+01	8.61E-02	2.44E-03	-2.12E-02
1.13E+02	-9.30E+01	-5.15E-02	-2.44E-02	-1.44E-02
1.13E+02	-9.30E+01	-5.15E-02	1.10E-02	-1.69E-02
1.13E+02	-9.30E+01	1.47E-01	-2.32E-02	-1.86E-02
1.13E+02	-9.30E+01	-9.74E-02	-2.20E-02	-1.44E-02
1.13E+02	-9.30E+01	1.93E-01	7.32E-03	-2.93E-03
1.13E+02	-9.30E+01	-9.74E-02	-2.69E-02	-1.74E-02
1.13E+02	-9.30E+01	1.01E-01	-1.34E-02	-2.93E-03
1.13E+02	-9.30E+01	7.08E-02	-1.46E-02	-2.50E-02
1.13E+02	-9.30E+01	-1.43E-01	-9.77E-03	-1.06E-02
1.13E+02	-9.30E+01	-3.62E-02	-1.22E-02	-1.95E-02
1.13E+02	-9.30E+01	-1.13E-01	0.00E+00	-1.74E-02
1.13E+02	-9.30E+01	-2.09E-02	-1.22E-02	-1.69E-02
1.13E+02	-9.30E+01	2.54E-01	-1.95E-02	-1.99E-02
1.13E+02	-9.30E+01	-6.68E-02	-2.69E-02	-1.35E-02
1.13E+02	-9.30E+01	-2.50E-01	-1.71E-02	-1.44E-02
1.13E+02	-9.30E+01	-1.74E-01	-1.83E-02	-1.52E-02
1.13E+02	-9.30E+01	9.63E-03	-1.83E-02	-1.48E-02
1.13E+02	-9.30E+01	9.63E-03	0.00E+00	-2.29E-02
1.13E+02	-9.30E+01	-2.09E-02	-2.44E-02	-1.44E-02
1.13E+02	-9.30E+01	1.01E-01	-7.32E-03	-1.99E-02
1.13E+02	-9.30E+01	-1.43E-01	1.10E-02	-1.95E-02
1.13E+02	-9.30E+01	1.93E-01	-1.83E-02	-1.35E-02

1.13E+02	-9.30E+01	8.61E-02	-6.10E-03	-2.12E-02
1.13E+02	-9.30E+01	9.63E-03	-1.22E-02	-2.50E-02
1.13E+02	-9.30E+01	3.77E-01	-3.66E-03	-1.91E-02
1.13E+02	-9.30E+01	9.63E-03	-1.95E-02	-8.45E-03
1.14E+02	-9.30E+01	1.01E-01	-3.66E-03	-1.52E-02
1.14E+02	-9.30E+01	-3.88E-01	-2.93E-02	-2.37E-02
1.14E+02	-9.30E+01	-5.15E-02	-1.46E-02	-1.40E-02
1.14E+02	-9.30E+01	1.63E-01	2.44E-02	-2.71E-02
1.14E+02	-9.30E+01	-1.13E-01	-2.69E-02	-1.61E-02
1.14E+02	-9.30E+01	8.61E-02	-3.30E-02	-1.27E-02
1.14E+02	-9.30E+01	9.63E-03	-2.44E-03	-2.24E-02
1.14E+02	-9.30E+01	-2.09E-02	-2.44E-02	-9.29E-03
1.14E+02	-9.30E+01	-2.09E-02	-1.10E-02	-1.78E-02
1.14E+02	-9.30E+01	2.49E-02	-1.95E-02	-8.02E-03
1.14E+02	-9.30E+01	1.01E-01	-2.93E-02	-7.17E-03
1.14E+02	-9.30E+01	-1.43E-01	-9.77E-03	-2.29E-02
1.14E+02	-9.30E+01	-1.74E-01	-2.20E-02	-1.69E-02
1.14E+02	-9.30E+01	4.02E-02	-3.66E-02	-2.03E-02
1.14E+02	-9.30E+01	1.01E-01	-1.46E-02	-1.57E-02
1.14E+02	-9.30E+01	1.63E-01	-4.88E-03	-1.91E-02
1.14E+02	-9.30E+01	2.49E-02	-9.77E-03	-3.30E-02
1.14E+02	-9.30E+01	-9.74E-02	-2.20E-02	-1.18E-02
1.14E+02	-9.30E+01	9.63E-03	1.22E-03	-1.23E-02
1.14E+02	-9.30E+01	-6.68E-02	-3.05E-02	-1.52E-02
1.14E+02	-9.30E+01	8.61E-02	-2.20E-02	-1.27E-02
1.14E+02	-9.30E+01	9.63E-03	-1.10E-02	-1.78E-02
1.14E+02	-9.30E+01	9.63E-03	-1.46E-02	-1.69E-02
1.14E+02	-9.30E+01	4.02E-02	-1.10E-02	-2.54E-02
1.14E+02	-9.30E+01	-1.74E-01	-2.44E-02	-1.86E-02
1.14E+02	-9.30E+01	2.24E-01	-2.44E-03	-1.86E-02
1.14E+02	-9.30E+01	-4.49E-01	-9.77E-03	-8.02E-03
1.14E+02	-9.30E+01	4.02E-02	-1.95E-02	-1.44E-02
1.14E+02	-9.30E+01	-2.35E-01	-9.77E-03	-3.73E-02
1.14E+02	-9.30E+01	-2.09E-02	-1.10E-02	-9.29E-03
1.14E+02	-9.30E+01	9.63E-03	-7.32E-03	-2.03E-02
1.14E+02	-9.30E+01	-8.21E-02	-3.17E-02	-1.86E-02
1.14E+02	-9.30E+01	2.39E-01	-2.56E-02	-2.03E-02
1.14E+02	-9.30E+01	4.02E-02	-2.93E-02	-1.27E-02
1.14E+02	-9.30E+01	9.63E-03	-2.08E-02	-1.48E-02
1.14E+02	-9.30E+01	1.63E-01	1.22E-03	-3.94E-02
1.14E+02	-9.30E+01	-5.15E-02	-3.05E-02	-9.29E-03
1.14E+02	-9.30E+01	-3.62E-02	-9.77E-03	-7.60E-03
1.14E+02	-9.30E+01	-8.21E-02	-1.83E-02	-1.44E-02
1.14E+02	-9.30E+01	-8.21E-02	-2.44E-02	-1.18E-02
1.14E+02	-9.30E+01	1.93E-01	-7.32E-03	-2.03E-02
1.14E+02	-9.30E+01	-1.13E-01	-1.71E-02	-1.69E-02
1.14E+02	-9.30E+01	2.39E-01	0.00E+00	-1.61E-02

1.14E+02	-9.30E+01	3.00E-01	-1.46E-02	-2.51E-03
1.14E+02	-9.30E+01	4.02E-02	-9.77E-03	-1.35E-02
1.14E+02	-9.30E+01	4.99E-01	-7.32E-03	-2.63E-02
1.14E+02	-9.30E+01	-2.09E-02	-2.93E-02	-1.61E-02
1.14E+02	-9.30E+01	1.93E-01	-9.77E-03	-1.74E-02
1.14E+02	-9.30E+01	1.01E-01	-2.44E-03	-1.91E-02
1.14E+02	-9.30E+01	-2.66E-01	-1.95E-02	-1.44E-02
1.15E+02	-9.30E+01	-5.15E-02	-7.32E-03	-1.95E-02
1.15E+02	-9.30E+01	9.63E-03	2.20E-02	-2.12E-02
1.15E+02	-9.30E+01	-5.66E-03	-2.44E-02	-1.61E-02

Current File	O:\Projects\914220~1\Data\UNITED~1\Ody1057.csv
Original File	C:\Data\9142OdysseyLiftGate\Ody1057.dx3
File descrip	9142 Honda Odyssey LiftGate liftgate - Esser
Project ID:	Project ID
File ID:	File ID
Test Date:	########
Test Time:	19:05.0
Current Da	########
Current Tin	8:53:36
Number of	4
Number of	5472
Independe	0.02
Independe	0
Independe	Sec

Time	Angle	Force	LiftgateMo	StrutCalDisplacement
Sec	Degrees	lbs	volts	inches
0.00E+00	-9.30E+01	7.84E-02	1.22E-03	1.68E-03
2.00E-02	-9.30E+01	1.09E-01	-7.32E-03	1.69E-02
4.00E-02	-9.30E+01	3.23E-01	-1.59E-02	-9.35E-03
6.00E-02	-9.30E+01	7.84E-02	-1.46E-02	8.27E-04
8.00E-02	-9.30E+01	3.54E-01	-1.71E-02	-2.57E-03
1.00E-01	-9.30E+01	9.37E-02	0.00E+00	6.34E-03
1.20E-01	-9.30E+01	2.01E-01	-3.05E-02	5.92E-03
1.40E-01	-9.30E+01	-4.39E-02	-2.20E-02	2.10E-03
1.60E-01	-9.30E+01	-7.45E-02	-2.93E-02	-4.69E-03
1.80E-01	-9.30E+01	-1.33E-02	-1.46E-02	-7.66E-03
2.00E-01	-9.30E+01	3.26E-02	0.00E+00	2.52E-03
2.20E-01	-9.30E+01	1.85E-01	-1.10E-02	9.31E-03
2.40E-01	-9.30E+01	9.37E-02	-2.20E-02	8.27E-04
2.60E-01	-9.30E+01	-1.05E-01	-1.95E-02	4.22E-03
2.80E-01	-9.30E+01	-5.92E-02	-4.03E-02	-5.11E-03
3.00E-01	-9.30E+01	4.79E-02	-8.54E-03	5.92E-03
3.20E-01	-9.30E+01	1.40E-01	-2.93E-02	5.07E-03
3.40E-01	-9.30E+01	1.70E-01	-2.32E-02	4.64E-03
3.60E-01	-9.30E+01	-1.33E-02	-2.69E-02	-8.08E-03
3.80E-01	-9.30E+01	-2.12E-01	-1.46E-02	-3.41E-03
4.00E-01	-9.30E+01	4.79E-02	-2.44E-03	1.68E-03
4.20E-01	-9.30E+01	1.70E-01	-3.66E-02	3.80E-03
4.40E-01	-9.30E+01	4.91E-01	-5.49E-02	3.37E-03
4.60E-01	-9.30E+01	-2.27E-01	-2.44E-02	-1.53E-02
4.80E-01	-9.30E+01	-1.20E-01	-6.10E-03	1.68E-03
5.00E-01	-9.30E+01	7.84E-02	7.32E-03	9.31E-03
5.20E-01	-9.30E+01	-4.39E-02	-2.20E-02	6.34E-03
5.40E-01	-9.30E+01	7.84E-02	-3.42E-02	4.22E-03
5.60E-01	-9.30E+01	-1.20E-01	-1.95E-02	-5.11E-03
5.80E-01	-9.30E+01	-4.39E-02	-4.88E-03	5.07E-03
6.00E-01	-9.30E+01	3.38E-01	-2.44E-03	9.31E-03

6.20E-01	-9.30E+01	3.23E-01	-3.17E-02	-2.99E-03
6.40E-01	-9.30E+01	-8.97E-02	4.88E-03	-8.70E-04
6.60E-01	-9.30E+01	-2.43E-01	2.44E-03	-5.11E-03
6.80E-01	-9.30E+01	-1.33E-02	-1.22E-02	1.68E-03
7.00E-01	-9.30E+01	2.62E-01	-9.77E-03	7.61E-03
7.20E-01	-9.30E+01	2.01E-01	-6.10E-03	5.07E-03
7.40E-01	-9.30E+01	-4.39E-02	-2.20E-02	1.68E-03
7.60E-01	-9.30E+01	-1.66E-01	-2.44E-02	2.10E-03
7.80E-01	-9.30E+01	-1.05E-01	-1.59E-02	-1.44E-02
8.00E-01	-9.30E+01	1.40E-01	-3.17E-02	8.46E-03
8.20E-01	-9.30E+01	4.15E-01	-2.08E-02	6.77E-03
8.40E-01	-9.30E+01	1.73E-02	-3.66E-02	-2.57E-03
8.60E-01	-9.30E+01	-4.39E-02	-2.44E-02	-3.41E-03
8.80E-01	-9.30E+01	-1.33E-02	4.88E-03	-3.41E-03
9.00E-01	-9.30E+01	-2.86E-02	-7.32E-03	6.77E-03
9.20E-01	-9.30E+01	3.84E-01	-9.77E-03	1.78E-02
9.40E-01	-9.30E+01	2.92E-01	-1.46E-02	1.10E-02
9.60E-01	-9.30E+01	-2.58E-01	-3.17E-02	-2.12E-05
9.80E-01	-9.30E+01	-4.39E-02	-1.46E-02	-3.41E-03
1.00E+00	-9.30E+01	-1.66E-01	2.44E-03	1.68E-03
1.02E+00	-9.30E+01	2.31E-01	-1.59E-02	1.53E-02
1.04E+00	-9.30E+01	5.07E-01	-2.93E-02	5.92E-03
1.06E+00	-9.30E+01	-1.66E-01	-3.42E-02	-3.41E-03
1.08E+00	-9.30E+01	-7.45E-02	-2.08E-02	-1.27E-02
1.10E+00	-9.30E+01	-7.45E-02	-7.32E-03	-4.26E-03
1.12E+00	-9.30E+01	1.09E-01	-1.22E-02	9.31E-03
1.14E+00	-9.30E+01	7.84E-02	-1.22E-02	5.49E-03
1.16E+00	-9.30E+01	2.31E-01	-2.69E-02	-1.70E-02
1.18E+00	-9.30E+01	1.09E-01	-2.08E-02	-5.96E-03
1.20E+00	-9.30E+01	-2.43E-01	0.00E+00	-4.69E-03
1.22E+00	-9.30E+01	1.70E-01	-1.22E-03	5.92E-03
1.24E+00	-9.30E+01	2.62E-01	-1.95E-02	8.46E-03
1.26E+00	-9.30E+01	1.99E-03	-1.95E-02	4.64E-03
1.28E+00	-9.30E+01	-1.05E-01	-3.66E-02	-3.84E-03
1.30E+00	-9.30E+01	-7.45E-02	-4.88E-03	1.02E-02
1.32E+00	-9.30E+01	-1.33E-02	2.20E-02	2.10E-03
1.34E+00	-9.30E+01	1.85E-01	-9.77E-03	1.10E-02
1.36E+00	-9.30E+01	2.92E-01	-1.71E-02	5.92E-03
1.38E+00	-9.30E+01	1.09E-01	-2.56E-02	-4.69E-03
1.40E+00	-9.30E+01	1.55E-01	8.54E-03	-1.72E-03
1.42E+00	-9.30E+01	3.84E-01	-1.34E-02	-5.11E-03
1.44E+00	-9.30E+01	-5.92E-02	-2.44E-03	-2.14E-03
1.46E+00	-9.30E+01	2.92E-01	-8.54E-03	8.04E-03
1.48E+00	-9.30E+01	2.92E-01	-1.83E-02	7.61E-03
1.50E+00	-9.30E+01	1.55E-01	-2.69E-02	-1.72E-03
1.52E+00	-9.30E+01	-4.41E-01	-1.59E-02	8.27E-04
1.54E+00	-9.30E+01	4.79E-02	7.32E-03	1.61E-02

1.56E+00	-9.30E+01	2.31E-01	-1.46E-02	1.36E-02
1.58E+00	-9.30E+01	5.37E-01	-1.22E-02	8.04E-03
1.60E+00	-9.30E+01	1.70E-01	-2.44E-02	-6.81E-03
1.62E+00	-9.30E+01	7.84E-02	-3.66E-02	-3.41E-03
1.64E+00	-9.30E+01	-2.27E-01	1.22E-03	4.03E-04
1.66E+00	-9.30E+01	1.40E-01	1.71E-02	3.37E-03
1.68E+00	-9.30E+01	2.31E-01	-1.46E-02	1.61E-02
1.70E+00	-9.30E+01	2.16E-01	-4.03E-02	1.68E-03
1.72E+00	-9.30E+01	1.09E-01	-2.69E-02	-2.57E-03
1.74E+00	-9.30E+01	1.73E-02	-8.54E-03	-3.41E-03
1.76E+00	-9.30E+01	1.40E-01	0.00E+00	7.61E-03
1.78E+00	-9.30E+01	3.08E-01	-3.91E-02	8.46E-03
1.80E+00	-9.30E+01	4.45E-01	-1.83E-02	5.07E-03
1.82E+00	-9.30E+01	-4.39E-02	-3.17E-02	-2.99E-03
1.84E+00	-9.30E+01	-1.33E-02	-2.69E-02	1.68E-03
1.86E+00	-9.30E+01	-4.39E-02	-2.20E-02	-1.36E-02
1.88E+00	-9.30E+01	-8.97E-02	7.32E-03	4.64E-03
1.90E+00	-9.30E+01	1.73E-02	-9.77E-03	8.04E-03
1.92E+00	-9.30E+01	2.31E-01	-2.44E-02	-6.38E-03
1.94E+00	-9.30E+01	1.09E-01	-3.66E-02	-4.26E-03
1.96E+00	-9.30E+01	1.09E-01	-2.32E-02	-3.41E-03
1.98E+00	-9.30E+01	3.54E-01	-4.88E-03	-2.12E-05
2.00E+00	-9.30E+01	6.31E-02	-1.95E-02	-1.19E-02
2.02E+00	-9.30E+01	3.23E-01	-2.69E-02	1.36E-02
2.04E+00	-9.30E+01	1.55E-01	-1.83E-02	2.52E-03
2.06E+00	-9.30E+01	7.84E-02	-3.42E-02	-4.26E-03
2.08E+00	-9.30E+01	1.99E-03	-9.77E-03	-4.26E-03
2.10E+00	-9.30E+01	-1.33E-02	2.44E-03	-1.72E-03
2.12E+00	-9.30E+01	4.79E-02	-6.10E-03	9.74E-03
2.14E+00	-9.30E+01	2.62E-01	-1.46E-02	1.19E-02
2.16E+00	-9.30E+01	7.84E-02	-3.91E-02	-2.99E-03
2.18E+00	-9.30E+01	1.55E-01	-2.93E-02	-1.36E-02
2.20E+00	-9.30E+01	-2.86E-02	1.10E-02	-8.70E-04
2.22E+00	-9.30E+01	1.40E-01	-2.44E-03	9.74E-03
2.24E+00	-9.30E+01	3.54E-01	-2.93E-02	2.52E-03
2.26E+00	-9.30E+01	-4.39E-02	-5.49E-02	6.77E-03
2.28E+00	-9.30E+01	2.92E-01	-3.54E-02	-4.26E-03
2.30E+00	-9.30E+01	-8.97E-02	-2.44E-03	-8.51E-03
2.32E+00	-9.30E+01	1.24E-01	-1.95E-02	1.02E-02
2.34E+00	-9.30E+01	3.54E-01	-2.93E-02	2.95E-03
2.36E+00	-9.30E+01	-4.41E-01	-1.95E-02	-9.35E-03
2.38E+00	-9.30E+01	-1.81E-01	-2.20E-02	-1.44E-02
2.40E+00	-9.30E+01	4.79E-02	-2.44E-03	8.27E-04
2.42E+00	-9.30E+01	6.31E-02	-2.69E-02	7.19E-03
2.44E+00	-9.30E+01	1.85E-01	-2.93E-02	-2.12E-05
2.46E+00	-9.30E+01	1.40E-01	-2.56E-02	-1.49E-02
2.48E+00	-9.30E+01	-1.36E-01	-2.44E-02	8.27E-04

2.50E+00	-9.30E+01	4.79E-02	2.44E-03	2.10E-03
2.52E+00	-9.30E+01	1.40E-01	-1.22E-02	6.34E-03
2.54E+00	-9.30E+01	4.76E-01	-2.81E-02	1.57E-02
2.56E+00	-9.30E+01	7.84E-02	-2.69E-02	-9.35E-03
2.58E+00	-9.30E+01	-1.66E-01	-1.59E-02	-9.35E-03
2.60E+00	-9.30E+01	1.70E-01	-2.44E-03	8.27E-04
2.62E+00	-9.30E+01	1.70E-01	-7.32E-03	-5.11E-03
2.64E+00	-9.30E+01	1.70E-01	-6.10E-03	2.95E-03
2.66E+00	-9.30E+01	6.31E-02	-1.95E-02	-6.81E-03
2.68E+00	-9.30E+01	-5.92E-02	-1.22E-02	-2.14E-03
2.70E+00	-9.30E+01	1.40E-01	-3.66E-03	2.46E-02
2.72E+00	-9.30E+01	1.55E-01	2.44E-03	1.68E-03
2.74E+00	-9.30E+01	2.92E-01	-2.69E-02	4.22E-03
2.76E+00	-9.30E+01	4.79E-02	-2.69E-02	-2.57E-03
2.78E+00	-9.30E+01	-1.66E-01	-1.95E-02	5.07E-03
2.80E+00	-9.30E+01	1.55E-01	2.44E-02	9.31E-03
2.82E+00	-9.30E+01	4.79E-02	-9.77E-03	8.89E-03
2.84E+00	-9.30E+01	6.31E-02	-3.66E-02	-2.12E-05
2.86E+00	-9.30E+01	-1.05E-01	-1.22E-02	1.36E-02
2.88E+00	-9.30E+01	-4.39E-02	-3.42E-02	-6.81E-03
2.90E+00	-9.30E+01	1.24E-01	-2.44E-03	8.46E-03
2.92E+00	-9.30E+01	1.55E-01	-1.22E-02	6.77E-03
2.94E+00	-9.30E+01	1.09E-01	-2.69E-02	-8.70E-04
2.96E+00	-9.30E+01	6.31E-02	-6.59E-02	-5.11E-03
2.98E+00	-9.30E+01	2.62E-01	-8.54E-03	-5.96E-03
3.00E+00	-9.30E+01	-1.33E-02	-7.32E-03	6.77E-03
3.02E+00	-9.30E+01	2.31E-01	-1.59E-02	1.10E-02
3.04E+00	-9.30E+01	1.09E-01	-4.88E-02	5.92E-03
3.06E+00	-9.30E+01	-1.51E-01	-2.32E-02	-4.26E-03
3.08E+00	-9.30E+01	1.99E-03	7.32E-03	-8.70E-04
3.10E+00	-9.30E+01	4.79E-02	-1.71E-02	1.10E-02
3.12E+00	-9.30E+01	3.08E-01	1.59E-02	2.95E-03
3.14E+00	-9.30E+01	7.84E-02	-2.32E-02	-2.12E-05
3.16E+00	-9.30E+01	-1.05E-01	-3.17E-02	-3.41E-03
3.18E+00	-9.30E+01	-5.92E-02	-1.59E-02	-1.95E-02
3.20E+00	-9.30E+01	-1.33E-02	0.00E+00	-2.12E-05
3.22E+00	-9.30E+01	3.38E-01	-4.88E-03	9.31E-03
3.24E+00	-9.30E+01	2.31E-01	-2.08E-02	3.37E-03
3.26E+00	-9.30E+01	-7.45E-02	-2.93E-02	-1.61E-02
3.28E+00	-9.30E+01	7.84E-02	-7.32E-03	-5.54E-03
3.30E+00	-9.30E+01	1.24E-01	2.44E-03	-2.12E-05
3.32E+00	-9.30E+01	1.55E-01	-1.71E-02	9.31E-03
3.34E+00	-9.30E+01	4.30E-01	-1.95E-02	1.40E-02
3.36E+00	-9.30E+01	-1.05E-01	-1.83E-02	-8.51E-03
3.38E+00	-9.30E+01	-5.92E-02	-7.32E-03	2.95E-03
3.40E+00	-9.30E+01	1.55E-01	-1.22E-03	5.92E-03
3.42E+00	-9.30E+01	-1.66E-01	-3.66E-02	-3.41E-03

3.44E+00	-9.30E+01	7.84E-02	-2.44E-02	-5.96E-03
3.46E+00	-9.30E+01	-1.97E-01	3.66E-03	2.52E-03
3.48E+00	-9.30E+01	2.62E-01	-2.44E-03	8.46E-03
3.50E+00	-9.30E+01	2.01E-01	-2.69E-02	1.48E-02
3.52E+00	-9.30E+01	7.84E-02	-3.66E-02	-1.72E-03
3.54E+00	-9.30E+01	4.79E-02	-4.88E-03	-6.81E-03
3.56E+00	-9.30E+01	1.99E-03	-1.22E-02	4.22E-03
3.58E+00	-9.30E+01	2.92E-01	-1.22E-02	8.89E-03
3.60E+00	-9.30E+01	1.09E-01	-3.17E-02	-2.12E-05
3.62E+00	-9.30E+01	1.73E-02	4.88E-03	4.64E-03
3.64E+00	-9.30E+01	4.79E-02	-2.44E-03	-2.57E-03
3.66E+00	-9.30E+01	1.99E-03	0.00E+00	-8.70E-04
3.68E+00	-9.30E+01	2.62E-01	-2.20E-02	3.37E-03
3.70E+00	-9.30E+01	-7.45E-02	-2.20E-02	-5.11E-03
3.72E+00	-9.30E+01	-1.33E-02	-2.08E-02	-5.96E-03
3.74E+00	-9.30E+01	5.37E-01	4.88E-03	-2.12E-05
3.76E+00	-9.30E+01	5.52E-01	-9.77E-03	-1.27E-02
3.78E+00	-9.30E+01	7.82E-01	-9.77E-03	8.46E-03
3.80E+00	-9.30E+01	8.43E-01	-2.44E-02	-4.69E-03
3.82E+00	-9.30E+01	4.15E-01	-2.93E-02	-1.32E-02
3.84E+00	-9.30E+01	4.61E-01	-1.22E-02	-4.45E-04
3.86E+00	-9.30E+01	7.82E-01	-2.44E-03	-4.26E-03
3.88E+00	-9.30E+01	1.06E+00	-4.88E-03	1.68E-03
3.90E+00	-9.30E+01	1.36E+00	-2.20E-02	-7.66E-03
3.92E+00	-9.30E+01	1.07E+00	-2.81E-02	-1.11E-02
3.94E+00	-9.30E+01	1.24E+00	-2.69E-02	-2.67E-02
3.96E+00	-9.30E+01	2.07E+00	1.22E-02	-1.61E-02
3.98E+00	-9.30E+01	2.16E+00	-1.22E-02	-1.27E-02
4.00E+00	-9.30E+01	2.69E+00	-1.95E-02	-2.29E-02
4.02E+00	-9.30E+01	2.69E+00	-3.66E-02	-3.35E-02
4.04E+00	-9.30E+01	2.46E+00	-3.05E-02	-4.16E-02
4.06E+00	-9.30E+01	2.49E+00	-4.88E-03	-3.95E-02
4.08E+00	-9.30E+01	2.62E+00	-3.66E-03	-3.86E-02
4.10E+00	-9.30E+01	2.95E+00	-4.88E-02	-3.31E-02
4.12E+00	-9.30E+01	2.62E+00	-2.44E-02	-4.58E-02
4.14E+00	-9.30E+01	2.40E+00	-2.20E-02	-5.09E-02
4.16E+00	-9.30E+01	3.09E+00	0.00E+00	-5.52E-02
4.18E+00	-9.30E+01	3.26E+00	-1.22E-03	-3.40E-02
4.20E+00	-9.30E+01	3.69E+00	-2.69E-02	-4.24E-02
4.22E+00	-9.30E+01	4.30E+00	-9.77E-03	-5.18E-02
4.24E+00	-9.30E+01	6.47E+00	-9.77E-03	-1.53E-02
4.26E+00	-9.30E+01	1.79E+01	-9.77E-03	-2.97E-02
4.28E+00	-9.30E+01	3.71E+01	-1.95E-02	-4.16E-02
4.30E+00	-9.30E+01	6.04E+01	-1.71E-02	-5.35E-02
4.32E+00	-9.30E+01	8.47E+01	-1.22E-02	-6.53E-02
4.34E+00	-9.30E+01	9.75E+01	-1.46E-02	-5.69E-02
4.36E+00	-9.30E+01	9.93E+01	-7.32E-03	-5.94E-02

4.38E+00	-9.30E+01	9.89E+01	-4.15E-02	-6.53E-02
4.40E+00	-9.30E+01	9.84E+01	-3.66E-02	-8.40E-02
4.42E+00	-9.30E+01	9.83E+01	-7.32E-03	-9.00E-02
4.44E+00	-9.30E+01	9.84E+01	-9.77E-03	-8.06E-02
4.46E+00	-9.30E+01	9.86E+01	1.22E-03	-8.95E-02
4.48E+00	-9.30E+01	9.83E+01	-2.93E-02	-1.12E-01
4.50E+00	-9.30E+01	9.82E+01	-3.66E-02	-1.09E-01
4.52E+00	-9.30E+01	9.86E+01	2.44E-02	-1.21E-01
4.54E+00	-9.30E+01	9.82E+01	-4.88E-03	-1.12E-01
4.56E+00	-9.30E+01	9.85E+01	-1.59E-02	-1.09E-01
4.58E+00	-9.30E+01	9.85E+01	-2.81E-02	-1.31E-01
4.60E+00	-9.30E+01	9.79E+01	-3.42E-02	-1.33E-01
4.62E+00	-9.30E+01	9.76E+01	-7.32E-03	-1.39E-01
4.64E+00	-9.30E+01	9.77E+01	-4.88E-03	-1.41E-01
4.66E+00	-9.30E+01	9.73E+01	-1.95E-02	-1.42E-01
4.68E+00	-9.30E+01	9.69E+01	-1.22E-02	-1.59E-01
4.70E+00	-9.30E+01	9.60E+01	-2.20E-02	-1.71E-01
4.72E+00	-9.30E+01	9.61E+01	-4.88E-03	-1.65E-01
4.74E+00	-9.30E+01	9.54E+01	-2.44E-03	-1.80E-01
4.76E+00	-9.30E+01	9.51E+01	-4.15E-02	-1.81E-01
4.78E+00	-9.30E+01	9.47E+01	-9.77E-03	-1.96E-01
4.80E+00	-9.30E+01	9.44E+01	-1.46E-02	-1.99E-01
4.82E+00	-9.30E+01	9.47E+01	-9.77E-03	-1.99E-01
4.84E+00	-9.30E+01	9.38E+01	4.27E-02	-2.16E-01
4.86E+00	-9.30E+01	9.38E+01	-3.66E-02	-2.09E-01
4.88E+00	-9.30E+01	9.36E+01	-3.05E-02	-2.21E-01
4.90E+00	-9.30E+01	9.32E+01	-2.93E-02	-2.46E-01
4.92E+00	-9.30E+01	9.29E+01	-1.95E-02	-2.34E-01
4.94E+00	-9.30E+01	9.30E+01	4.88E-03	-2.34E-01
4.96E+00	-9.30E+01	9.29E+01	-2.20E-02	-2.40E-01
4.98E+00	-9.30E+01	9.22E+01	-3.42E-02	-2.39E-01
5.00E+00	-9.30E+01	9.19E+01	-1.83E-02	-2.68E-01
5.02E+00	-9.30E+01	9.12E+01	-1.34E-02	-2.68E-01
5.04E+00	-9.30E+01	9.11E+01	1.46E-02	-2.63E-01
5.06E+00	-9.30E+01	9.10E+01	-2.44E-02	-2.79E-01
5.08E+00	-9.30E+01	9.04E+01	-2.44E-02	-2.84E-01
5.10E+00	-9.30E+01	9.01E+01	-4.88E-03	-3.08E-01
5.12E+00	-9.30E+01	8.96E+01	-2.44E-03	-2.95E-01
5.14E+00	-9.30E+01	8.95E+01	-1.10E-02	-2.91E-01
5.16E+00	-9.30E+01	8.88E+01	-1.95E-02	-3.21E-01
5.18E+00	-9.30E+01	8.86E+01	-1.71E-02	-3.21E-01
5.20E+00	-9.30E+01	8.81E+01	-2.69E-02	-3.28E-01
5.22E+00	-9.30E+01	8.76E+01	-9.77E-03	-3.35E-01
5.24E+00	-9.30E+01	8.77E+01	-2.44E-03	-3.23E-01
5.26E+00	-9.30E+01	8.79E+01	-6.10E-03	-3.34E-01
5.28E+00	-9.30E+01	8.75E+01	-9.77E-03	-3.47E-01
5.30E+00	-9.30E+01	8.72E+01	-3.05E-02	-3.61E-01

5.32E+00	-9.30E+01	8.69E+01	-8.54E-03	-3.66E-01
5.34E+00	-9.30E+01	8.67E+01	4.88E-03	-3.80E-01
5.36E+00	-9.30E+01	8.75E+01	-9.77E-03	-3.65E-01
5.38E+00	-9.30E+01	8.70E+01	-1.95E-02	-3.80E-01
5.40E+00	-9.30E+01	8.73E+01	-3.66E-02	-3.81E-01
5.42E+00	-9.30E+01	8.71E+01	-2.81E-02	-4.06E-01
5.44E+00	-9.30E+01	8.67E+01	-7.32E-03	-4.06E-01
5.46E+00	-9.30E+01	8.74E+01	-9.77E-03	-4.00E-01
5.48E+00	-9.30E+01	8.73E+01	-1.71E-02	-4.07E-01
5.50E+00	-9.30E+01	8.71E+01	-2.69E-02	-4.23E-01
5.52E+00	-9.30E+01	8.70E+01	-1.95E-02	-4.34E-01
5.54E+00	-9.30E+01	8.72E+01	-4.88E-03	-4.37E-01
5.56E+00	-9.30E+01	8.68E+01	-1.22E-02	-4.34E-01
5.58E+00	-9.30E+01	8.71E+01	-1.46E-02	-4.47E-01
5.60E+00	-9.30E+01	8.69E+01	-1.71E-02	-4.52E-01
5.62E+00	-9.30E+01	8.66E+01	-2.44E-02	-4.67E-01
5.64E+00	-9.30E+01	8.64E+01	2.44E-03	-4.65E-01
5.66E+00	-9.30E+01	8.70E+01	-1.22E-03	-4.66E-01
5.68E+00	-9.30E+01	8.68E+01	-2.69E-02	-4.72E-01
5.70E+00	-9.30E+01	8.70E+01	-2.20E-02	-4.95E-01
5.72E+00	-9.30E+01	8.66E+01	-2.08E-02	-5.02E-01
5.74E+00	-9.30E+01	8.67E+01	4.88E-03	-5.07E-01
5.76E+00	-9.30E+01	8.69E+01	-4.15E-02	-4.93E-01
5.78E+00	-9.30E+01	8.74E+01	-1.71E-02	-5.05E-01
5.80E+00	-9.30E+01	8.71E+01	-2.56E-02	-5.25E-01
5.82E+00	-9.30E+01	8.67E+01	-2.93E-02	-5.46E-01
5.84E+00	-9.30E+01	8.68E+01	-7.32E-03	-5.35E-01
5.86E+00	-9.30E+01	8.71E+01	-1.22E-02	-5.35E-01
5.88E+00	-9.30E+01	8.73E+01	-2.20E-02	-5.40E-01
5.90E+00	-9.30E+01	8.71E+01	-2.08E-02	-5.48E-01
5.92E+00	-9.30E+01	8.69E+01	-2.44E-02	-5.68E-01
5.94E+00	-9.30E+01	8.72E+01	-4.88E-03	-5.71E-01
5.96E+00	-9.30E+01	8.74E+01	1.46E-02	-5.68E-01
5.98E+00	-9.30E+01	8.73E+01	-2.93E-02	-5.68E-01
6.00E+00	-9.30E+01	8.72E+01	-1.71E-02	-5.71E-01
6.02E+00	-9.30E+01	8.71E+01	-2.32E-02	-6.01E-01
6.04E+00	-9.30E+01	8.70E+01	-2.81E-02	-6.05E-01
6.06E+00	-9.30E+01	8.70E+01	1.22E-03	-6.06E-01
6.08E+00	-9.30E+01	8.71E+01	-1.71E-02	-6.11E-01
6.10E+00	-9.30E+01	8.74E+01	-3.66E-02	-6.20E-01
6.12E+00	-9.30E+01	8.78E+01	-2.69E-02	-6.32E-01
6.14E+00	-9.30E+01	8.72E+01	-2.44E-02	-6.41E-01
6.16E+00	-9.30E+01	8.72E+01	-4.88E-03	-6.36E-01
6.18E+00	-9.30E+01	8.72E+01	3.17E-02	-6.44E-01
6.20E+00	-9.30E+01	8.76E+01	-3.66E-02	-6.47E-01
6.22E+00	-9.30E+01	8.73E+01	-2.69E-02	-6.64E-01
6.24E+00	-9.30E+01	8.72E+01	-2.20E-02	-6.84E-01

6.26E+00	-9.30E+01	8.70E+01	-4.88E-03	-6.68E-01
6.28E+00	-9.30E+01	8.72E+01	2.44E-03	-6.74E-01
6.30E+00	-9.30E+01	8.76E+01	-2.69E-02	-6.82E-01
6.32E+00	-9.30E+01	8.73E+01	-2.81E-02	-6.99E-01
6.34E+00	-9.30E+01	8.68E+01	-7.32E-03	-7.04E-01
6.36E+00	-9.30E+01	8.74E+01	9.77E-03	-7.01E-01
6.38E+00	-9.30E+01	8.72E+01	-2.20E-02	-7.07E-01
6.40E+00	-9.30E+01	8.73E+01	-3.17E-02	-7.20E-01
6.42E+00	-9.30E+01	8.73E+01	0.00E+00	-7.21E-01
6.44E+00	-9.30E+01	8.73E+01	-2.44E-03	-7.35E-01
6.46E+00	-9.30E+01	8.74E+01	-1.71E-02	-7.27E-01
6.48E+00	-9.30E+01	8.76E+01	-2.20E-02	-7.47E-01
6.50E+00	-9.30E+01	8.76E+01	-2.69E-02	-7.60E-01
6.52E+00	-9.30E+01	8.77E+01	1.46E-02	-7.67E-01
6.54E+00	-9.30E+01	8.78E+01	2.44E-03	-7.64E-01
6.56E+00	-9.30E+01	8.80E+01	-1.46E-02	-7.64E-01
6.58E+00	-9.30E+01	8.77E+01	-3.17E-02	-7.85E-01
6.60E+00	-9.30E+01	8.77E+01	-1.34E-02	-7.89E-01
6.62E+00	-9.30E+01	8.78E+01	6.10E-03	-7.91E-01
6.64E+00	-9.30E+01	8.78E+01	-8.54E-03	-7.92E-01
6.66E+00	-9.30E+01	8.79E+01	-3.17E-02	-8.03E-01
6.68E+00	-9.30E+01	8.84E+01	-2.44E-02	-8.14E-01
6.70E+00	-9.30E+01	8.77E+01	-3.30E-02	-8.22E-01
6.72E+00	-9.30E+01	8.80E+01	-6.10E-03	-8.23E-01
6.74E+00	-9.30E+01	8.81E+01	-4.88E-03	-8.24E-01
6.76E+00	-9.30E+01	8.84E+01	-3.42E-02	-8.33E-01
6.78E+00	-9.30E+01	8.87E+01	-1.95E-02	-8.60E-01
6.80E+00	-9.30E+01	8.84E+01	-1.95E-02	-8.59E-01
6.82E+00	-9.30E+01	8.85E+01	-4.88E-03	-8.54E-01
6.84E+00	-9.30E+01	8.87E+01	-4.88E-03	-8.60E-01
6.86E+00	-9.30E+01	8.88E+01	-5.62E-02	-8.65E-01
6.88E+00	-9.30E+01	8.85E+01	-2.44E-02	-8.79E-01
6.90E+00	-9.30E+01	8.83E+01	-7.32E-03	-8.96E-01
6.92E+00	-9.30E+01	8.89E+01	-8.54E-03	-8.81E-01
6.94E+00	-9.30E+01	8.89E+01	1.22E-02	-8.93E-01
6.96E+00	-9.30E+01	8.91E+01	-2.08E-02	-8.98E-01
6.98E+00	-9.30E+01	8.93E+01	-2.69E-02	-9.12E-01
7.00E+00	-9.30E+01	8.91E+01	-1.83E-02	-9.27E-01
7.02E+00	-9.30E+01	8.90E+01	-1.46E-02	-9.24E-01
7.04E+00	-9.30E+01	8.91E+01	4.88E-03	-9.21E-01
7.06E+00	-9.30E+01	8.92E+01	-2.93E-02	-9.34E-01
7.08E+00	-9.30E+01	8.89E+01	-3.30E-02	-9.46E-01
7.10E+00	-9.30E+01	8.90E+01	-4.88E-03	-9.53E-01
7.12E+00	-9.30E+01	8.92E+01	-4.52E-02	-9.39E-01
7.14E+00	-9.30E+01	8.93E+01	-1.34E-02	-9.54E-01
7.16E+00	-9.30E+01	8.89E+01	-2.69E-02	-9.74E-01
7.18E+00	-9.30E+01	8.92E+01	-2.93E-02	-9.91E-01

7.20E+00	-9.30E+01	8.91E+01	-9.77E-03	-9.84E-01
7.22E+00	-9.30E+01	8.92E+01	-7.32E-03	-9.84E-01
7.24E+00	-9.30E+01	8.89E+01	-9.77E-03	-9.94E-01
7.26E+00	-9.30E+01	8.89E+01	-2.44E-02	-1.01E+00
7.28E+00	-9.30E+01	8.91E+01	-1.71E-02	-1.01E+00
7.30E+00	-9.30E+01	8.92E+01	-1.95E-02	-1.01E+00
7.32E+00	-9.30E+01	8.93E+01	-1.71E-02	-1.02E+00
7.34E+00	-9.30E+01	8.88E+01	-2.44E-02	-1.03E+00
7.36E+00	-9.30E+01	8.88E+01	-1.95E-02	-1.04E+00
7.38E+00	-9.30E+01	8.87E+01	-2.20E-02	-1.05E+00
7.40E+00	-9.30E+01	8.93E+01	0.00E+00	-1.05E+00
7.42E+00	-9.30E+01	8.87E+01	-3.42E-02	-1.06E+00
7.44E+00	-9.30E+01	8.87E+01	-1.34E-02	-1.08E+00
7.46E+00	-9.30E+01	8.87E+01	-4.88E-03	-1.07E+00
7.48E+00	-9.30E+01	8.88E+01	-1.34E-02	-1.07E+00
7.50E+00	-9.30E+01	8.84E+01	-3.66E-03	-1.09E+00
7.52E+00	-9.30E+01	8.83E+01	-3.05E-02	-1.09E+00
7.54E+00	-9.30E+01	8.82E+01	8.54E-03	-1.11E+00
7.56E+00	-9.30E+01	8.82E+01	-1.71E-02	-1.10E+00
7.58E+00	-9.30E+01	8.86E+01	-2.32E-02	-1.10E+00
7.60E+00	-9.30E+01	8.80E+01	-2.69E-02	-1.13E+00
7.62E+00	-9.30E+01	8.79E+01	-2.69E-02	-1.12E+00
7.64E+00	-9.30E+01	8.82E+01	1.46E-02	-1.13E+00
7.66E+00	-9.30E+01	8.83E+01	-4.88E-03	-1.13E+00
7.68E+00	-9.30E+01	8.83E+01	-2.20E-02	-1.14E+00
7.70E+00	-9.30E+01	8.83E+01	-2.93E-02	-1.16E+00
7.72E+00	-9.30E+01	8.79E+01	-7.32E-03	-1.16E+00
7.74E+00	-9.30E+01	8.80E+01	1.22E-03	-1.16E+00
7.76E+00	-9.30E+01	8.81E+01	-3.54E-02	-1.17E+00
7.78E+00	-9.30E+01	8.81E+01	-3.54E-02	-1.18E+00
7.80E+00	-9.30E+01	8.80E+01	-3.42E-02	-1.19E+00
7.82E+00	-9.30E+01	8.85E+01	1.95E-02	-1.20E+00
7.84E+00	-9.30E+01	8.82E+01	-2.44E-03	-1.19E+00
7.86E+00	-9.30E+01	8.85E+01	-2.93E-02	-1.21E+00
7.88E+00	-9.30E+01	8.80E+01	-2.56E-02	-1.22E+00
7.90E+00	-9.30E+01	8.81E+01	-1.10E-02	-1.22E+00
7.92E+00	-9.30E+01	8.81E+01	1.83E-02	-1.22E+00
7.94E+00	-9.30E+01	8.81E+01	-2.44E-02	-1.23E+00
7.96E+00	-9.30E+01	8.81E+01	-2.93E-02	-1.24E+00
7.98E+00	-9.30E+01	8.81E+01	-1.71E-02	-1.25E+00
8.00E+00	-9.30E+01	8.82E+01	2.44E-03	-1.25E+00
8.02E+00	-9.30E+01	8.84E+01	-2.81E-02	-1.25E+00
8.04E+00	-9.30E+01	8.85E+01	-2.20E-02	-1.27E+00
8.06E+00	-9.30E+01	8.81E+01	-1.95E-02	-1.28E+00
8.08E+00	-9.30E+01	8.83E+01	-3.05E-02	-1.29E+00
8.10E+00	-9.30E+01	8.85E+01	-7.32E-03	-1.28E+00
8.12E+00	-9.30E+01	8.84E+01	-2.81E-02	-1.30E+00

8.14E+00	-9.30E+01	8.83E+01	-1.71E-02	-1.32E+00
8.16E+00	-9.30E+01	8.84E+01	7.32E-03	-1.30E+00
8.18E+00	-9.30E+01	8.86E+01	-6.10E-03	-1.30E+00
8.20E+00	-9.30E+01	8.84E+01	-3.66E-02	-1.32E+00
8.22E+00	-9.30E+01	8.85E+01	-1.71E-02	-1.33E+00
8.24E+00	-9.30E+01	8.84E+01	2.08E-02	-1.34E+00
8.26E+00	-9.30E+01	8.85E+01	-1.10E-02	-1.33E+00
8.28E+00	-9.30E+01	8.85E+01	-2.44E-02	-1.35E+00
8.30E+00	-9.30E+01	8.85E+01	-2.20E-02	-1.36E+00
8.32E+00	-9.30E+01	8.86E+01	2.44E-03	-1.36E+00
8.34E+00	-9.30E+01	8.86E+01	-2.93E-02	-1.37E+00
8.36E+00	-9.30E+01	8.86E+01	-2.93E-02	-1.38E+00
8.38E+00	-9.30E+01	8.83E+01	-1.95E-02	-1.38E+00
8.40E+00	-9.30E+01	8.90E+01	-1.46E-02	-1.38E+00
8.42E+00	-9.30E+01	8.89E+01	-6.10E-03	-1.39E+00
8.44E+00	-9.30E+01	8.92E+01	-9.77E-03	-1.40E+00
8.46E+00	-9.30E+01	8.90E+01	-1.95E-02	-1.41E+00
8.48E+00	-9.30E+01	8.85E+01	-1.95E-02	-1.42E+00
8.50E+00	-9.30E+01	8.88E+01	-6.10E-03	-1.42E+00
8.52E+00	-9.30E+01	8.90E+01	-4.88E-03	-1.42E+00
8.54E+00	-9.30E+01	8.92E+01	-2.69E-02	-1.43E+00
8.56E+00	-9.30E+01	8.88E+01	-3.05E-02	-1.44E+00
8.58E+00	-9.30E+01	8.89E+01	-2.44E-02	-1.45E+00
8.60E+00	-9.30E+01	8.89E+01	2.20E-02	-1.46E+00
8.62E+00	-9.30E+01	8.93E+01	0.00E+00	-1.45E+00
8.64E+00	-9.30E+01	8.92E+01	-2.20E-02	-1.46E+00
8.66E+00	-9.30E+01	8.91E+01	-3.78E-02	-1.48E+00
8.68E+00	-9.30E+01	8.88E+01	-2.20E-02	-1.49E+00
8.70E+00	-9.30E+01	8.95E+01	-7.32E-03	-1.48E+00
8.72E+00	-9.30E+01	8.94E+01	-7.32E-03	-1.49E+00
8.74E+00	-9.30E+01	8.93E+01	-2.32E-02	-1.49E+00
8.76E+00	-9.30E+01	8.92E+01	-1.22E-02	-1.51E+00
8.78E+00	-9.30E+01	8.94E+01	0.00E+00	-1.52E+00
8.80E+00	-9.30E+01	8.95E+01	-1.71E-02	-1.52E+00
8.82E+00	-9.30E+01	8.95E+01	-1.71E-02	-1.52E+00
8.84E+00	-9.30E+01	8.96E+01	-3.66E-02	-1.55E+00
8.86E+00	-9.30E+01	8.93E+01	-4.88E-03	-1.54E+00
8.88E+00	-9.30E+01	8.95E+01	7.32E-03	-1.55E+00
8.90E+00	-9.30E+01	8.95E+01	-1.71E-02	-1.55E+00
8.92E+00	-9.30E+01	8.96E+01	-2.69E-02	-1.56E+00
8.94E+00	-9.30E+01	8.90E+01	-8.54E-03	-1.58E+00
8.96E+00	-9.30E+01	8.92E+01	-2.44E-03	-1.57E+00
8.98E+00	-9.30E+01	8.97E+01	-8.54E-03	-1.58E+00
9.00E+00	-9.30E+01	8.97E+01	-3.66E-02	-1.60E+00
9.02E+00	-9.30E+01	8.94E+01	-3.91E-02	-1.60E+00
9.04E+00	-9.30E+01	8.93E+01	-9.77E-03	-1.61E+00
9.06E+00	-9.30E+01	8.97E+01	4.88E-03	-1.60E+00

9.08E+00	-9.30E+01	8.93E+01	-2.08E-02	-1.62E+00
9.10E+00	-9.30E+01	8.92E+01	-3.17E-02	-1.62E+00
9.12E+00	-9.30E+01	8.93E+01	1.22E-02	-1.63E+00
9.14E+00	-9.30E+01	8.94E+01	-7.32E-03	-1.63E+00
9.16E+00	-9.30E+01	8.98E+01	-1.71E-02	-1.64E+00
9.18E+00	-9.30E+01	8.94E+01	-2.93E-02	-1.67E+00
9.20E+00	-9.30E+01	8.94E+01	-9.77E-03	-1.67E+00
9.22E+00	-9.30E+01	8.93E+01	-2.44E-03	-1.66E+00
9.24E+00	-9.30E+01	8.95E+01	-1.95E-02	-1.66E+00
9.26E+00	-9.30E+01	8.96E+01	-2.93E-02	-1.69E+00
9.28E+00	-9.30E+01	8.90E+01	-3.66E-02	-1.69E+00
9.30E+00	-9.30E+01	8.92E+01	-9.77E-03	-1.68E+00
9.32E+00	-9.30E+01	8.96E+01	1.10E-02	-1.69E+00
9.34E+00	-9.30E+01	8.93E+01	-3.42E-02	-1.70E+00
9.36E+00	-9.30E+01	8.94E+01	-2.44E-02	-1.71E+00
9.38E+00	-9.30E+01	8.92E+01	-3.05E-02	-1.72E+00
9.40E+00	-9.30E+01	8.93E+01	-2.56E-02	-1.71E+00
9.42E+00	-9.30E+01	8.98E+01	-2.44E-03	-1.72E+00
9.44E+00	-9.30E+01	8.95E+01	-3.30E-02	-1.73E+00
9.46E+00	-9.30E+01	8.95E+01	2.44E-03	-1.75E+00
9.48E+00	-9.30E+01	8.92E+01	-6.10E-03	-1.76E+00
9.50E+00	-9.30E+01	8.96E+01	-7.32E-03	-1.75E+00
9.52E+00	-9.30E+01	8.95E+01	-1.22E-02	-1.76E+00
9.54E+00	-9.30E+01	8.94E+01	-4.39E-02	-1.77E+00
9.56E+00	-9.30E+01	8.94E+01	-2.20E-02	-1.78E+00
9.58E+00	-9.30E+01	8.92E+01	-2.44E-03	-1.78E+00
9.60E+00	-9.30E+01	8.91E+01	-1.71E-02	-1.78E+00
9.62E+00	-9.30E+01	8.96E+01	-1.71E-02	-1.79E+00
9.64E+00	-9.30E+01	8.92E+01	-2.20E-02	-1.81E+00
9.66E+00	-9.30E+01	8.97E+01	-1.22E-02	-1.82E+00
9.68E+00	-9.30E+01	8.93E+01	-2.44E-03	-1.82E+00
9.70E+00	-9.30E+01	8.93E+01	-1.46E-02	-1.81E+00
9.72E+00	-9.30E+01	8.95E+01	-3.17E-02	-1.84E+00
9.74E+00	-9.30E+01	8.90E+01	-2.08E-02	-1.85E+00
9.76E+00	-9.30E+01	8.94E+01	4.88E-03	-1.84E+00
9.78E+00	-9.30E+01	8.95E+01	-2.44E-03	-1.85E+00
9.80E+00	-9.30E+01	8.97E+01	-1.95E-02	-1.86E+00
9.82E+00	-9.30E+01	8.95E+01	-5.00E-02	-1.87E+00
9.84E+00	-9.30E+01	8.92E+01	-1.22E-02	-1.88E+00
9.86E+00	-9.30E+01	8.92E+01	-9.77E-03	-1.88E+00
9.88E+00	-9.30E+01	8.93E+01	-1.34E-02	-1.89E+00
9.90E+00	-9.30E+01	8.96E+01	-2.69E-02	-1.89E+00
9.92E+00	-9.30E+01	8.92E+01	-1.34E-02	-1.91E+00
9.94E+00	-9.30E+01	8.92E+01	-1.10E-02	-1.91E+00
9.96E+00	-9.30E+01	8.97E+01	-1.22E-02	-1.91E+00
9.98E+00	-9.30E+01	8.94E+01	3.66E-03	-1.92E+00
1.00E+01	-9.30E+01	8.94E+01	-2.44E-02	-1.93E+00

1.00E+01	-9.30E+01	8.93E+01	-1.46E-02	-1.93E+00
1.00E+01	-9.30E+01	8.96E+01	-1.71E-02	-1.93E+00
1.01E+01	-9.30E+01	8.94E+01	-2.93E-02	-1.94E+00
1.01E+01	-9.30E+01	8.92E+01	-1.46E-02	-1.97E+00
1.01E+01	-9.30E+01	8.97E+01	2.44E-03	-1.96E+00
1.01E+01	-9.30E+01	8.95E+01	-9.77E-03	-1.96E+00
1.01E+01	-9.30E+01	8.93E+01	-3.42E-02	-1.97E+00
1.02E+01	-9.30E+01	8.90E+01	0.00E+00	-2.00E+00
1.02E+01	-9.30E+01	8.94E+01	-9.77E-03	-1.98E+00
1.02E+01	-9.30E+01	8.94E+01	-2.08E-02	-1.99E+00
1.02E+01	-9.30E+01	8.98E+01	-3.42E-02	-2.01E+00
1.02E+01	-9.30E+01	8.97E+01	1.22E-03	-2.01E+00
1.03E+01	-9.30E+01	8.96E+01	-4.88E-03	-2.01E+00
1.03E+01	-9.30E+01	8.98E+01	-9.77E-03	-2.01E+00
1.03E+01	-9.30E+01	8.96E+01	-2.44E-02	-2.04E+00
1.03E+01	-9.30E+01	8.96E+01	-1.95E-02	-2.04E+00
1.03E+01	-9.30E+01	8.95E+01	-1.22E-03	-2.04E+00
1.04E+01	-9.30E+01	8.99E+01	-1.71E-02	-2.04E+00
1.04E+01	-9.30E+01	8.98E+01	-2.93E-02	-2.05E+00
1.04E+01	-9.30E+01	8.94E+01	-2.20E-02	-2.07E+00
1.04E+01	-9.30E+01	8.94E+01	2.44E-03	-2.07E+00
1.04E+01	-9.30E+01	8.96E+01	1.22E-03	-2.07E+00
1.05E+01	-9.30E+01	8.96E+01	-1.95E-02	-2.08E+00
1.05E+01	-9.30E+01	8.94E+01	-3.17E-02	-2.09E+00
1.05E+01	-9.30E+01	8.92E+01	-1.71E-02	-2.10E+00
1.05E+01	-9.30E+01	8.96E+01	-2.20E-02	-2.09E+00
1.05E+01	-9.30E+01	8.97E+01	-2.81E-02	-2.10E+00
1.06E+01	-9.30E+01	8.95E+01	-2.93E-02	-2.11E+00
1.06E+01	-9.30E+01	8.97E+01	-2.81E-02	-2.12E+00
1.06E+01	-9.30E+01	8.93E+01	1.34E-02	-2.13E+00
1.06E+01	-9.30E+01	8.97E+01	-2.44E-03	-2.13E+00
1.06E+01	-9.30E+01	8.96E+01	-2.44E-02	-2.14E+00
1.07E+01	-9.30E+01	8.96E+01	-2.20E-02	-2.15E+00
1.07E+01	-9.30E+01	8.95E+01	-1.22E-02	-2.16E+00
1.07E+01	-9.30E+01	8.96E+01	4.88E-03	-2.17E+00
1.07E+01	-9.30E+01	8.94E+01	-2.93E-02	-2.16E+00
1.07E+01	-9.30E+01	8.95E+01	-2.20E-02	-2.19E+00
1.08E+01	-9.30E+01	8.96E+01	-1.46E-02	-2.19E+00
1.08E+01	-9.30E+01	8.96E+01	0.00E+00	-2.17E+00
1.08E+01	-9.30E+01	8.96E+01	-2.44E-02	-2.19E+00
1.08E+01	-9.30E+01	8.99E+01	-3.42E-02	-2.21E+00
1.08E+01	-9.30E+01	8.98E+01	-1.71E-02	-2.22E+00
1.09E+01	-9.30E+01	8.96E+01	-1.71E-02	-2.21E+00
1.09E+01	-9.30E+01	8.99E+01	-9.77E-03	-2.22E+00
1.09E+01	-9.30E+01	8.99E+01	-2.20E-02	-2.22E+00
1.09E+01	-9.30E+01	8.96E+01	-3.05E-02	-2.24E+00
1.09E+01	-9.30E+01	8.97E+01	3.66E-03	-2.25E+00

1.10E+01	-9.30E+01	8.99E+01	-1.22E-02	-2.24E+00
1.10E+01	-9.30E+01	8.99E+01	-7.32E-03	-2.25E+00
1.10E+01	-9.30E+01	9.00E+01	-2.20E-02	-2.26E+00
1.10E+01	-9.30E+01	9.01E+01	-4.03E-02	-2.28E+00
1.10E+01	-9.30E+01	9.00E+01	-2.20E-02	-2.28E+00
1.11E+01	-9.30E+01	8.99E+01	1.22E-03	-2.28E+00
1.11E+01	-9.30E+01	9.00E+01	-8.54E-03	-2.28E+00
1.11E+01	-9.30E+01	9.00E+01	-1.95E-02	-2.29E+00
1.11E+01	-9.30E+01	9.01E+01	-4.64E-02	-2.31E+00
1.11E+01	-9.30E+01	9.01E+01	-4.88E-03	-2.31E+00
1.12E+01	-9.30E+01	8.99E+01	4.88E-03	-2.32E+00
1.12E+01	-9.30E+01	9.01E+01	-1.22E-02	-2.32E+00
1.12E+01	-9.30E+01	9.03E+01	-1.71E-02	-2.33E+00
1.12E+01	-9.30E+01	8.98E+01	-9.77E-03	-2.33E+00
1.12E+01	-9.30E+01	9.01E+01	-1.22E-02	-2.34E+00
1.13E+01	-9.30E+01	9.02E+01	2.44E-03	-2.35E+00
1.13E+01	-9.30E+01	9.02E+01	-7.32E-03	-2.35E+00
1.13E+01	-9.30E+01	9.03E+01	-3.17E-02	-2.36E+00
1.13E+01	-9.30E+01	9.01E+01	-3.66E-02	-2.37E+00
1.13E+01	-9.30E+01	9.00E+01	-3.42E-02	-2.38E+00
1.14E+01	-9.30E+01	9.02E+01	-3.66E-03	-2.39E+00
1.14E+01	-9.30E+01	9.03E+01	-2.44E-03	-2.38E+00
1.14E+01	-9.30E+01	9.03E+01	-4.64E-02	-2.38E+00
1.14E+01	-9.30E+01	9.06E+01	-1.59E-02	-2.40E+00
1.14E+01	-9.30E+01	9.02E+01	-2.93E-02	-2.42E+00
1.15E+01	-9.30E+01	8.96E+01	-1.22E-02	-2.42E+00
1.15E+01	-9.30E+01	9.02E+01	9.77E-03	-2.42E+00
1.15E+01	-9.30E+01	9.05E+01	-3.42E-02	-2.42E+00
1.15E+01	-9.30E+01	9.02E+01	-2.44E-02	-2.44E+00
1.15E+01	-9.30E+01	9.00E+01	-1.71E-02	-2.45E+00
1.16E+01	-9.30E+01	9.05E+01	0.00E+00	-2.46E+00
1.16E+01	-9.30E+01	9.04E+01	-1.10E-02	-2.45E+00
1.16E+01	-9.30E+01	9.06E+01	-2.20E-02	-2.46E+00
1.16E+01	-9.30E+01	9.05E+01	-2.93E-02	-2.47E+00
1.16E+01	-9.30E+01	8.98E+01	-2.32E-02	-2.50E+00
1.17E+01	-9.30E+01	9.01E+01	-4.88E-03	-2.48E+00
1.17E+01	-9.30E+01	9.03E+01	-4.88E-03	-2.49E+00
1.17E+01	-9.30E+01	9.01E+01	-1.22E-02	-2.50E+00
1.17E+01	-9.30E+01	9.03E+01	-2.20E-02	-2.52E+00
1.17E+01	-9.30E+01	9.00E+01	-1.95E-02	-2.51E+00
1.18E+01	-9.30E+01	8.99E+01	4.88E-03	-2.51E+00
1.18E+01	-9.30E+01	9.05E+01	-9.77E-03	-2.52E+00
1.18E+01	-9.30E+01	9.04E+01	-3.54E-02	-2.54E+00
1.18E+01	-9.30E+01	9.04E+01	-1.71E-02	-2.55E+00
1.18E+01	-9.30E+01	9.01E+01	-2.69E-02	-2.55E+00
1.19E+01	-9.30E+01	9.03E+01	-1.22E-02	-2.55E+00
1.19E+01	-9.30E+01	9.03E+01	-8.54E-03	-2.55E+00

1.19E+01	-9.30E+01	9.02E+01	-1.22E-02	-2.56E+00
1.19E+01	-9.30E+01	9.01E+01	-3.17E-02	-2.57E+00
1.19E+01	-9.30E+01	8.99E+01	-2.69E-02	-2.59E+00
1.20E+01	-9.30E+01	9.01E+01	-9.77E-03	-2.60E+00
1.20E+01	-9.30E+01	9.05E+01	-9.77E-03	-2.59E+00
1.20E+01	-9.30E+01	9.02E+01	-7.32E-03	-2.60E+00
1.20E+01	-9.30E+01	9.05E+01	-1.95E-02	-2.62E+00
1.20E+01	-9.30E+01	9.03E+01	-2.44E-02	-2.62E+00
1.21E+01	-9.30E+01	9.02E+01	-1.10E-02	-2.63E+00
1.21E+01	-9.30E+01	9.05E+01	-9.77E-03	-2.61E+00
1.21E+01	-9.30E+01	9.05E+01	-2.20E-02	-2.63E+00
1.21E+01	-9.30E+01	9.03E+01	-2.81E-02	-2.64E+00
1.21E+01	-9.30E+01	9.05E+01	-1.10E-02	-2.65E+00
1.22E+01	-9.30E+01	9.01E+01	0.00E+00	-2.66E+00
1.22E+01	-9.30E+01	9.06E+01	-4.88E-03	-2.67E+00
1.22E+01	-9.30E+01	9.07E+01	-2.81E-02	-2.66E+00
1.22E+01	-9.30E+01	9.05E+01	-2.44E-02	-2.68E+00
1.22E+01	-9.30E+01	9.04E+01	-2.08E-02	-2.69E+00
1.23E+01	-9.30E+01	9.04E+01	2.44E-03	-2.71E+00
1.23E+01	-9.30E+01	9.07E+01	-3.91E-02	-2.69E+00
1.23E+01	-9.30E+01	9.06E+01	-2.08E-02	-2.70E+00
1.23E+01	-9.30E+01	9.07E+01	-1.83E-02	-2.72E+00
1.23E+01	-9.30E+01	9.04E+01	-2.20E-02	-2.72E+00
1.24E+01	-9.30E+01	9.07E+01	1.22E-03	-2.72E+00
1.24E+01	-9.30E+01	9.08E+01	-4.15E-02	-2.72E+00
1.24E+01	-9.30E+01	9.11E+01	-2.08E-02	-2.73E+00
1.24E+01	-9.30E+01	9.04E+01	-2.93E-02	-2.75E+00
1.24E+01	-9.30E+01	9.04E+01	-2.69E-02	-2.76E+00
1.25E+01	-9.30E+01	9.07E+01	-1.22E-02	-2.76E+00
1.25E+01	-9.30E+01	9.06E+01	3.66E-03	-2.76E+00
1.25E+01	-9.30E+01	9.09E+01	-2.20E-02	-2.76E+00
1.25E+01	-9.30E+01	9.10E+01	-2.20E-02	-2.77E+00
1.25E+01	-9.30E+01	9.06E+01	-1.95E-02	-2.79E+00
1.26E+01	-9.30E+01	9.09E+01	-8.54E-03	-2.80E+00
1.26E+01	-9.30E+01	9.07E+01	-8.54E-03	-2.79E+00
1.26E+01	-9.30E+01	9.12E+01	-3.66E-02	-2.80E+00
1.26E+01	-9.30E+01	9.07E+01	-2.32E-02	-2.82E+00
1.26E+01	-9.30E+01	9.07E+01	-2.93E-02	-2.82E+00
1.27E+01	-9.30E+01	9.07E+01	-7.32E-03	-2.82E+00
1.27E+01	-9.30E+01	9.09E+01	-9.77E-03	-2.83E+00
1.27E+01	-9.30E+01	9.11E+01	-3.91E-02	-2.83E+00
1.27E+01	-9.30E+01	9.06E+01	-1.83E-02	-2.85E+00
1.27E+01	-9.30E+01	9.07E+01	-1.10E-02	-2.86E+00
1.28E+01	-9.30E+01	9.08E+01	-9.77E-03	-2.85E+00
1.28E+01	-9.30E+01	9.09E+01	-1.46E-02	-2.86E+00
1.28E+01	-9.30E+01	9.09E+01	-3.91E-02	-2.88E+00
1.28E+01	-9.30E+01	9.08E+01	-1.83E-02	-2.88E+00

1.28E+01	-9.30E+01	9.08E+01	-6.10E-03	-2.89E+00
1.29E+01	-9.30E+01	9.10E+01	-1.22E-02	-2.89E+00
1.29E+01	-9.30E+01	9.09E+01	-2.20E-02	-2.90E+00
1.29E+01	-9.30E+01	9.07E+01	-2.93E-02	-2.91E+00
1.29E+01	-9.30E+01	9.07E+01	-1.22E-02	-2.92E+00
1.29E+01	-9.30E+01	9.03E+01	-7.32E-03	-2.92E+00
1.30E+01	-9.30E+01	9.08E+01	-8.54E-03	-2.93E+00
1.30E+01	-9.30E+01	9.09E+01	-2.08E-02	-2.94E+00
1.30E+01	-9.30E+01	9.11E+01	-2.93E-02	-2.94E+00
1.30E+01	-9.30E+01	9.09E+01	-5.00E-02	-2.95E+00
1.30E+01	-9.30E+01	9.06E+01	-7.32E-03	-2.96E+00
1.31E+01	-9.30E+01	9.08E+01	-3.66E-03	-2.97E+00
1.31E+01	-9.30E+01	9.11E+01	-7.32E-03	-2.95E+00
1.31E+01	-9.30E+01	9.07E+01	-1.71E-02	-2.97E+00
1.31E+01	-9.30E+01	9.07E+01	-3.42E-02	-2.98E+00
1.31E+01	-9.30E+01	9.10E+01	-7.32E-03	-2.98E+00
1.32E+01	-9.30E+01	9.07E+01	-1.46E-02	-2.99E+00
1.32E+01	-9.30E+01	9.09E+01	-2.20E-02	-2.99E+00
1.32E+01	-9.30E+01	9.12E+01	-3.42E-02	-3.02E+00
1.32E+01	-9.30E+01	9.06E+01	-2.20E-02	-3.01E+00
1.32E+01	-9.30E+01	9.10E+01	-6.10E-03	-3.02E+00
1.33E+01	-9.30E+01	9.08E+01	-1.22E-02	-3.03E+00
1.33E+01	-9.30E+01	9.10E+01	-2.20E-02	-3.03E+00
1.33E+01	-9.30E+01	9.08E+01	-2.69E-02	-3.05E+00
1.33E+01	-9.30E+01	9.06E+01	-2.44E-02	-3.06E+00
1.33E+01	-9.30E+01	9.08E+01	-6.10E-03	-3.06E+00
1.34E+01	-9.30E+01	9.13E+01	-9.77E-03	-3.06E+00
1.34E+01	-9.30E+01	9.12E+01	-1.71E-02	-3.06E+00
1.34E+01	-9.30E+01	9.07E+01	-3.05E-02	-3.08E+00
1.34E+01	-9.30E+01	9.08E+01	-2.93E-02	-3.08E+00
1.34E+01	-9.30E+01	9.09E+01	-2.56E-02	-3.09E+00
1.35E+01	-9.30E+01	9.10E+01	-6.10E-03	-3.10E+00
1.35E+01	-9.30E+01	9.14E+01	-1.83E-02	-3.10E+00
1.35E+01	-9.30E+01	9.11E+01	-3.66E-02	-3.10E+00
1.35E+01	-9.30E+01	9.10E+01	-3.91E-02	-3.13E+00
1.35E+01	-9.30E+01	9.08E+01	-4.88E-03	-3.13E+00
1.36E+01	-9.30E+01	9.09E+01	-2.32E-02	-3.13E+00
1.36E+01	-9.30E+01	9.11E+01	-2.69E-02	-3.13E+00
1.36E+01	-9.30E+01	9.07E+01	-3.91E-02	-3.15E+00
1.36E+01	-9.30E+01	9.08E+01	7.32E-03	-3.16E+00
1.36E+01	-9.30E+01	9.09E+01	-1.71E-02	-3.16E+00
1.37E+01	-9.30E+01	9.09E+01	-7.32E-03	-3.16E+00
1.37E+01	-9.30E+01	9.11E+01	-2.08E-02	-3.17E+00
1.37E+01	-9.30E+01	9.09E+01	-2.20E-02	-3.18E+00
1.37E+01	-9.30E+01	9.06E+01	-1.71E-02	-3.19E+00
1.37E+01	-9.30E+01	9.04E+01	-2.44E-03	-3.20E+00
1.38E+01	-9.30E+01	9.09E+01	-4.88E-03	-3.20E+00

1.38E+01	-9.30E+01	9.07E+01	-2.20E-02	-3.20E+00
1.38E+01	-9.30E+01	9.05E+01	-3.17E-02	-3.21E+00
1.38E+01	-9.30E+01	9.05E+01	-1.46E-02	-3.23E+00
1.38E+01	-9.30E+01	9.04E+01	-2.44E-03	-3.23E+00
1.39E+01	-9.30E+01	9.04E+01	-7.32E-03	-3.22E+00
1.39E+01	-9.30E+01	9.07E+01	1.22E-02	-3.24E+00
1.39E+01	-9.30E+01	9.06E+01	-2.93E-02	-3.25E+00
1.39E+01	-9.30E+01	9.04E+01	-2.20E-02	-3.26E+00
1.39E+01	-9.30E+01	9.02E+01	-1.22E-03	-3.27E+00
1.40E+01	-9.30E+01	9.07E+01	4.88E-03	-3.26E+00
1.40E+01	-9.30E+01	9.05E+01	-4.64E-02	-3.27E+00
1.40E+01	-9.30E+01	9.07E+01	-2.69E-02	-3.28E+00
1.40E+01	-9.30E+01	9.04E+01	-3.91E-02	-3.29E+00
1.40E+01	-9.30E+01	9.05E+01	-1.46E-02	-3.30E+00
1.41E+01	-9.30E+01	9.02E+01	7.32E-03	-3.30E+00
1.41E+01	-9.30E+01	9.07E+01	-9.77E-03	-3.30E+00
1.41E+01	-9.30E+01	9.05E+01	-2.20E-02	-3.31E+00
1.41E+01	-9.30E+01	9.03E+01	-3.17E-02	-3.32E+00
1.41E+01	-9.30E+01	9.03E+01	1.22E-03	-3.33E+00
1.42E+01	-9.30E+01	9.03E+01	-2.93E-02	-3.32E+00
1.42E+01	-9.30E+01	9.06E+01	-1.83E-02	-3.34E+00
1.42E+01	-9.30E+01	9.01E+01	-2.44E-02	-3.35E+00
1.42E+01	-9.30E+01	9.05E+01	-1.83E-02	-3.37E+00
1.42E+01	-9.30E+01	9.06E+01	2.44E-03	-3.36E+00
1.43E+01	-9.30E+01	9.02E+01	-1.34E-02	-3.36E+00
1.43E+01	-9.30E+01	9.03E+01	-3.17E-02	-3.37E+00
1.43E+01	-9.30E+01	9.03E+01	-2.32E-02	-3.40E+00
1.43E+01	-9.30E+01	9.04E+01	-1.22E-02	-3.38E+00
1.43E+01	-9.30E+01	9.07E+01	-1.22E-02	-3.40E+00
1.44E+01	-9.30E+01	9.03E+01	-3.78E-02	-3.41E+00
1.44E+01	-9.30E+01	9.04E+01	-9.77E-03	-3.42E+00
1.44E+01	-9.30E+01	9.04E+01	-1.22E-03	-3.41E+00
1.44E+01	-9.30E+01	9.05E+01	1.46E-02	-3.43E+00
1.44E+01	-9.30E+01	9.04E+01	-2.69E-02	-3.43E+00
1.45E+01	-9.30E+01	9.06E+01	-2.56E-02	-3.44E+00
1.45E+01	-9.30E+01	9.02E+01	4.88E-03	-3.45E+00
1.45E+01	-9.30E+01	9.06E+01	-1.83E-02	-3.45E+00
1.45E+01	-9.30E+01	9.08E+01	-9.77E-03	-3.45E+00
1.45E+01	-9.30E+01	9.07E+01	-2.32E-02	-3.48E+00
1.46E+01	-9.30E+01	9.03E+01	-1.71E-02	-3.47E+00
1.46E+01	-9.30E+01	9.05E+01	-2.44E-03	-3.47E+00
1.46E+01	-9.30E+01	9.07E+01	-2.44E-02	-3.48E+00
1.46E+01	-9.30E+01	9.09E+01	-2.69E-02	-3.49E+00
1.46E+01	-9.30E+01	9.03E+01	-2.20E-02	-3.51E+00
1.47E+01	-9.30E+01	9.02E+01	-1.46E-02	-3.51E+00
1.47E+01	-9.30E+01	9.04E+01	9.77E-03	-3.51E+00
1.47E+01	-9.30E+01	9.09E+01	-4.88E-02	-3.51E+00

1.47E+01	-9.30E+01	9.08E+01	-2.20E-02	-3.53E+00
1.47E+01	-9.30E+01	9.06E+01	-4.88E-03	-3.54E+00
1.48E+01	-9.30E+01	9.06E+01	-1.10E-02	-3.53E+00
1.48E+01	-9.30E+01	9.07E+01	-4.64E-02	-3.55E+00
1.48E+01	-9.30E+01	9.04E+01	-3.17E-02	-3.56E+00
1.48E+01	-9.30E+01	9.05E+01	0.00E+00	-3.56E+00
1.48E+01	-9.30E+01	9.08E+01	-1.71E-02	-3.56E+00
1.49E+01	-9.30E+01	9.05E+01	-1.46E-02	-3.57E+00
1.49E+01	-9.30E+01	9.02E+01	-5.86E-02	-3.59E+00
1.49E+01	-9.30E+01	9.06E+01	0.00E+00	-3.59E+00
1.49E+01	-9.30E+01	9.07E+01	-2.44E-03	-3.59E+00
1.49E+01	-9.30E+01	9.08E+01	-2.69E-02	-3.60E+00
1.50E+01	-9.30E+01	9.07E+01	-2.69E-02	-3.61E+00
1.50E+01	-9.30E+01	9.04E+01	-1.22E-02	-3.63E+00
1.50E+01	-9.30E+01	9.03E+01	-9.77E-03	-3.62E+00
1.50E+01	-9.30E+01	9.07E+01	-9.77E-03	-3.62E+00
1.50E+01	-9.30E+01	9.11E+01	-1.71E-02	-3.64E+00
1.51E+01	-9.30E+01	9.06E+01	-3.91E-02	-3.65E+00
1.51E+01	-9.30E+01	9.03E+01	-3.66E-02	-3.66E+00
1.51E+01	-9.30E+01	9.07E+01	-4.88E-03	-3.65E+00
1.51E+01	-9.30E+01	9.09E+01	-9.77E-03	-3.67E+00
1.51E+01	-9.30E+01	9.06E+01	-3.30E-02	-3.67E+00
1.52E+01	-9.30E+01	9.04E+01	-3.17E-02	-3.68E+00
1.52E+01	-9.30E+01	9.09E+01	1.22E-02	-3.69E+00
1.52E+01	-9.30E+01	9.04E+01	-9.77E-03	-3.69E+00
1.52E+01	-9.30E+01	9.08E+01	-2.44E-03	-3.70E+00
1.52E+01	-9.30E+01	9.08E+01	-4.15E-02	-3.71E+00
1.53E+01	-9.30E+01	9.07E+01	-3.66E-02	-3.71E+00
1.53E+01	-9.30E+01	9.04E+01	-1.10E-02	-3.73E+00
1.53E+01	-9.30E+01	9.07E+01	-4.88E-03	-3.72E+00
1.53E+01	-9.30E+01	9.09E+01	-1.71E-02	-3.72E+00
1.53E+01	-9.30E+01	9.11E+01	-2.08E-02	-3.74E+00
1.54E+01	-9.30E+01	9.03E+01	-1.10E-02	-3.75E+00
1.54E+01	-9.30E+01	9.01E+01	2.44E-03	-3.76E+00
1.54E+01	-9.30E+01	9.05E+01	4.88E-03	-3.77E+00
1.54E+01	-9.30E+01	9.06E+01	-2.93E-02	-3.75E+00
1.54E+01	-9.30E+01	9.09E+01	-3.91E-02	-3.77E+00
1.55E+01	-9.30E+01	9.06E+01	-2.69E-02	-3.78E+00
1.55E+01	-9.30E+01	9.03E+01	-7.32E-03	-3.79E+00
1.55E+01	-9.30E+01	9.05E+01	-1.10E-02	-3.79E+00
1.55E+01	-9.30E+01	9.07E+01	-2.20E-02	-3.79E+00
1.55E+01	-9.30E+01	9.06E+01	-4.15E-02	-3.81E+00
1.56E+01	-9.30E+01	9.03E+01	-2.69E-02	-3.82E+00
1.56E+01	-9.30E+01	9.03E+01	-1.95E-02	-3.82E+00
1.56E+01	-9.30E+01	9.05E+01	1.22E-02	-3.82E+00
1.56E+01	-9.30E+01	9.04E+01	-9.77E-03	-3.83E+00
1.56E+01	-9.30E+01	9.07E+01	-2.32E-02	-3.83E+00

1.57E+01	-9.30E+01	9.05E+01	-2.20E-02	-3.87E+00
1.57E+01	-9.30E+01	9.02E+01	-4.88E-03	-3.86E+00
1.57E+01	-9.30E+01	9.06E+01	4.88E-03	-3.86E+00
1.57E+01	-9.30E+01	9.07E+01	-2.56E-02	-3.86E+00
1.57E+01	-9.30E+01	9.08E+01	-3.54E-02	-3.87E+00
1.58E+01	-9.30E+01	9.06E+01	-3.54E-02	-3.89E+00
1.58E+01	-9.30E+01	9.07E+01	-4.88E-02	-3.89E+00
1.58E+01	-9.30E+01	9.08E+01	7.32E-03	-3.89E+00
1.58E+01	-9.30E+01	9.05E+01	-2.93E-02	-3.90E+00
1.58E+01	-9.30E+01	9.07E+01	-2.69E-02	-3.92E+00
1.59E+01	-9.30E+01	9.06E+01	-1.71E-02	-3.93E+00
1.59E+01	-9.30E+01	9.07E+01	-7.32E-03	-3.92E+00
1.59E+01	-9.30E+01	9.06E+01	-7.32E-03	-3.92E+00
1.59E+01	-9.30E+01	9.06E+01	-2.69E-02	-3.94E+00
1.59E+01	-9.30E+01	9.07E+01	-3.54E-02	-3.94E+00
1.60E+01	-9.30E+01	9.08E+01	-7.32E-03	-3.95E+00
1.60E+01	-9.30E+01	9.03E+01	-1.71E-02	-3.95E+00
1.60E+01	-9.30E+01	9.07E+01	-1.71E-02	-3.95E+00
1.60E+01	-9.30E+01	9.04E+01	-2.93E-02	-3.96E+00
1.60E+01	-9.30E+01	9.04E+01	-2.20E-02	-3.98E+00
1.61E+01	-9.30E+01	9.05E+01	2.44E-03	-3.98E+00
1.61E+01	-9.30E+01	9.05E+01	-1.71E-02	-3.98E+00
1.61E+01	-9.30E+01	9.06E+01	-1.95E-02	-4.00E+00
1.61E+01	-9.30E+01	9.05E+01	-2.20E-02	-4.01E+00
1.61E+01	-9.30E+01	9.03E+01	-2.32E-02	-4.02E+00
1.62E+01	-9.30E+01	9.01E+01	-9.77E-03	-4.02E+00
1.62E+01	-9.30E+01	9.04E+01	-9.77E-03	-4.02E+00
1.62E+01	-9.30E+01	9.08E+01	-1.71E-02	-4.03E+00
1.62E+01	-9.30E+01	9.01E+01	-2.20E-02	-4.05E+00
1.62E+01	-9.30E+01	9.03E+01	-2.69E-02	-4.05E+00
1.63E+01	-9.30E+01	9.04E+01	-2.44E-03	-4.05E+00
1.63E+01	-9.30E+01	9.04E+01	-9.77E-03	-4.06E+00
1.63E+01	-9.30E+01	9.06E+01	-3.66E-02	-4.05E+00
1.63E+01	-9.30E+01	9.04E+01	-2.69E-02	-4.08E+00
1.63E+01	-9.30E+01	9.03E+01	-3.54E-02	-4.09E+00
1.64E+01	-9.30E+01	9.00E+01	-1.46E-02	-4.09E+00
1.64E+01	-9.30E+01	9.05E+01	3.66E-03	-4.09E+00
1.64E+01	-9.30E+01	9.07E+01	-1.71E-02	-4.09E+00
1.64E+01	-9.30E+01	9.05E+01	-4.03E-02	-4.10E+00
1.64E+01	-9.30E+01	9.03E+01	-2.08E-02	-4.12E+00
1.65E+01	-9.30E+01	9.03E+01	-1.71E-02	-4.13E+00
1.65E+01	-9.30E+01	9.02E+01	-9.77E-03	-4.12E+00
1.65E+01	-9.30E+01	9.05E+01	-1.95E-02	-4.13E+00
1.65E+01	-9.30E+01	9.03E+01	-3.42E-02	-4.14E+00
1.65E+01	-9.30E+01	9.03E+01	-2.69E-02	-4.16E+00
1.66E+01	-9.30E+01	9.03E+01	-2.93E-02	-4.16E+00
1.66E+01	-9.30E+01	9.01E+01	2.20E-02	-4.16E+00

1.66E+01	-9.30E+01	9.03E+01	-1.46E-02	-4.16E+00
1.66E+01	-9.30E+01	9.04E+01	-3.42E-02	-4.17E+00
1.66E+01	-9.30E+01	9.03E+01	-1.71E-02	-4.18E+00
1.67E+01	-9.30E+01	9.02E+01	-1.71E-02	-4.18E+00
1.67E+01	-9.30E+01	9.04E+01	-7.32E-03	-4.19E+00
1.67E+01	-9.30E+01	9.03E+01	-3.17E-02	-4.20E+00
1.67E+01	-9.30E+01	9.03E+01	-2.81E-02	-4.22E+00
1.67E+01	-9.30E+01	9.03E+01	-1.22E-03	-4.23E+00
1.68E+01	-9.30E+01	9.03E+01	1.22E-02	-4.22E+00
1.68E+01	-9.30E+01	9.05E+01	-1.46E-02	-4.22E+00
1.68E+01	-9.30E+01	9.06E+01	-2.69E-02	-4.24E+00
1.68E+01	-9.30E+01	9.02E+01	-2.56E-02	-4.24E+00
1.68E+01	-9.30E+01	9.01E+01	-9.77E-03	-4.25E+00
1.69E+01	-9.30E+01	9.05E+01	-1.22E-03	-4.26E+00
1.69E+01	-9.30E+01	9.04E+01	-9.77E-03	-4.26E+00
1.69E+01	-9.30E+01	9.03E+01	-1.71E-02	-4.27E+00
1.69E+01	-9.30E+01	9.00E+01	-5.13E-02	-4.28E+00
1.69E+01	-9.30E+01	9.02E+01	4.88E-03	-4.29E+00
1.70E+01	-9.30E+01	8.97E+01	-2.44E-03	-4.30E+00
1.70E+01	-9.30E+01	9.02E+01	-9.77E-03	-4.30E+00
1.70E+01	-9.30E+01	9.02E+01	-9.77E-03	-4.29E+00
1.70E+01	-9.30E+01	9.02E+01	-1.22E-02	-4.30E+00
1.70E+01	-9.30E+01	9.03E+01	-3.42E-02	-4.32E+00
1.71E+01	-9.30E+01	9.00E+01	-1.46E-02	-4.33E+00
1.71E+01	-9.30E+01	8.97E+01	-1.22E-03	-4.33E+00
1.71E+01	-9.30E+01	9.01E+01	-1.71E-02	-4.33E+00
1.71E+01	-9.30E+01	9.01E+01	7.32E-03	-4.35E+00
1.71E+01	-9.30E+01	8.99E+01	-3.17E-02	-4.36E+00
1.72E+01	-9.30E+01	8.95E+01	-2.44E-03	-4.37E+00
1.72E+01	-9.30E+01	8.97E+01	-4.88E-03	-4.37E+00
1.72E+01	-9.30E+01	9.02E+01	-1.46E-02	-4.37E+00
1.72E+01	-9.30E+01	9.01E+01	-2.44E-02	-4.38E+00
1.72E+01	-9.30E+01	8.98E+01	-3.30E-02	-4.39E+00
1.73E+01	-9.30E+01	9.00E+01	-1.59E-02	-4.40E+00
1.73E+01	-9.30E+01	8.99E+01	9.77E-03	-4.40E+00
1.73E+01	-9.30E+01	9.01E+01	-1.22E-02	-4.40E+00
1.73E+01	-9.30E+01	9.02E+01	-2.44E-02	-4.41E+00
1.73E+01	-9.30E+01	8.99E+01	-2.81E-02	-4.42E+00
1.74E+01	-9.30E+01	8.97E+01	-2.44E-02	-4.43E+00
1.74E+01	-9.30E+01	8.99E+01	1.22E-02	-4.43E+00
1.74E+01	-9.30E+01	8.97E+01	-2.44E-02	-4.44E+00
1.74E+01	-9.30E+01	8.99E+01	-2.69E-02	-4.44E+00
1.74E+01	-9.30E+01	9.01E+01	-2.93E-02	-4.48E+00
1.75E+01	-9.30E+01	8.97E+01	-2.44E-02	-4.46E+00
1.75E+01	-9.30E+01	8.96E+01	2.44E-03	-4.48E+00
1.75E+01	-9.30E+01	8.99E+01	-1.22E-02	-4.47E+00
1.75E+01	-9.30E+01	8.96E+01	-2.56E-02	-4.47E+00

1.75E+01	-9.30E+01	9.00E+01	-2.93E-02	-4.49E+00
1.76E+01	-9.30E+01	8.99E+01	-2.56E-02	-4.51E+00
1.76E+01	-9.30E+01	8.94E+01	-1.22E-02	-4.51E+00
1.76E+01	-9.30E+01	9.00E+01	9.77E-03	-4.51E+00
1.76E+01	-9.30E+01	8.99E+01	-1.95E-02	-4.51E+00
1.76E+01	-9.30E+01	9.01E+01	-2.69E-02	-4.52E+00
1.77E+01	-9.30E+01	8.97E+01	-1.10E-02	-4.55E+00
1.77E+01	-9.30E+01	8.96E+01	-1.59E-02	-4.54E+00
1.77E+01	-9.30E+01	8.94E+01	-1.22E-03	-4.54E+00
1.77E+01	-9.30E+01	9.00E+01	-1.34E-02	-4.54E+00
1.77E+01	-9.30E+01	8.97E+01	-4.88E-02	-4.55E+00
1.78E+01	-9.30E+01	8.98E+01	-2.32E-02	-4.57E+00
1.78E+01	-9.30E+01	8.94E+01	-1.59E-02	-4.58E+00
1.78E+01	-9.30E+01	8.97E+01	0.00E+00	-4.57E+00
1.78E+01	-9.30E+01	8.96E+01	-1.95E-02	-4.58E+00
1.78E+01	-9.30E+01	8.98E+01	-4.27E-02	-4.59E+00
1.79E+01	-9.30E+01	9.00E+01	-1.59E-02	-4.61E+00
1.79E+01	-9.30E+01	8.95E+01	-1.59E-02	-4.61E+00
1.79E+01	-9.30E+01	8.95E+01	-4.88E-03	-4.62E+00
1.79E+01	-9.30E+01	8.99E+01	-2.44E-02	-4.61E+00
1.79E+01	-9.30E+01	8.96E+01	-3.42E-02	-4.64E+00
1.80E+01	-9.30E+01	8.95E+01	3.66E-03	-4.64E+00
1.80E+01	-9.30E+01	8.99E+01	-9.77E-03	-4.64E+00
1.80E+01	-9.30E+01	8.94E+01	-2.69E-02	-4.64E+00
1.80E+01	-9.30E+01	8.94E+01	-1.95E-02	-4.66E+00
1.80E+01	-9.30E+01	8.96E+01	0.00E+00	-4.66E+00
1.81E+01	-9.30E+01	8.98E+01	-2.69E-02	-4.67E+00
1.81E+01	-9.30E+01	9.00E+01	-2.81E-02	-4.68E+00
1.81E+01	-9.30E+01	8.92E+01	-2.93E-02	-4.69E+00
1.81E+01	-9.30E+01	8.95E+01	1.46E-02	-4.68E+00
1.81E+01	-9.30E+01	8.92E+01	-1.22E-02	-4.69E+00
1.82E+01	-9.30E+01	8.94E+01	-3.54E-02	-4.70E+00
1.82E+01	-9.30E+01	8.95E+01	-2.44E-02	-4.71E+00
1.82E+01	-9.30E+01	8.94E+01	-1.22E-02	-4.73E+00
1.82E+01	-9.30E+01	8.94E+01	-9.77E-03	-4.72E+00
1.82E+01	-9.30E+01	8.95E+01	-1.59E-02	-4.73E+00
1.83E+01	-9.30E+01	8.94E+01	-2.93E-02	-4.74E+00
1.83E+01	-9.30E+01	8.93E+01	-2.44E-03	-4.73E+00
1.83E+01	-9.30E+01	8.96E+01	-4.88E-03	-4.75E+00
1.83E+01	-9.30E+01	8.92E+01	-1.95E-02	-4.75E+00
1.83E+01	-9.30E+01	8.92E+01	-2.44E-02	-4.77E+00
1.84E+01	-9.30E+01	8.89E+01	-1.34E-02	-4.78E+00
1.84E+01	-9.30E+01	8.94E+01	4.88E-03	-4.77E+00
1.84E+01	-9.30E+01	8.92E+01	-2.44E-02	-4.78E+00
1.84E+01	-9.30E+01	8.92E+01	-3.42E-02	-4.79E+00
1.84E+01	-9.30E+01	8.89E+01	-2.08E-02	-4.81E+00
1.85E+01	-9.30E+01	8.96E+01	-3.66E-03	-4.79E+00

1.85E+01	-9.30E+01	8.94E+01	-1.34E-02	-4.80E+00
1.85E+01	-9.30E+01	8.91E+01	-4.39E-02	-4.82E+00
1.85E+01	-9.30E+01	8.92E+01	-1.95E-02	-4.83E+00
1.85E+01	-9.30E+01	8.90E+01	-9.77E-03	-4.84E+00
1.86E+01	-9.30E+01	8.96E+01	-2.44E-03	-4.83E+00
1.86E+01	-9.30E+01	8.96E+01	-7.32E-03	-4.85E+00
1.86E+01	-9.30E+01	8.88E+01	-2.44E-02	-4.86E+00
1.86E+01	-9.30E+01	8.92E+01	-1.22E-03	-4.86E+00
1.86E+01	-9.30E+01	8.93E+01	-1.10E-02	-4.86E+00
1.87E+01	-9.30E+01	8.95E+01	-1.83E-02	-4.87E+00
1.87E+01	-9.30E+01	8.94E+01	-2.93E-02	-4.89E+00
1.87E+01	-9.30E+01	8.90E+01	-3.78E-02	-4.89E+00
1.87E+01	-9.30E+01	8.93E+01	2.44E-03	-4.89E+00
1.87E+01	-9.30E+01	8.94E+01	-3.42E-02	-4.91E+00
1.88E+01	-9.30E+01	8.92E+01	-4.39E-02	-4.91E+00
1.88E+01	-9.30E+01	8.92E+01	-8.54E-03	-4.92E+00
1.88E+01	-9.30E+01	8.89E+01	-9.77E-03	-4.92E+00
1.88E+01	-9.30E+01	8.93E+01	-4.88E-03	-4.94E+00
1.88E+01	-9.30E+01	8.92E+01	-4.39E-02	-4.93E+00
1.89E+01	-9.30E+01	8.91E+01	-2.44E-02	-4.94E+00
1.89E+01	-9.30E+01	8.91E+01	-8.54E-03	-4.95E+00
1.89E+01	-9.30E+01	8.93E+01	-1.22E-02	-4.95E+00
1.89E+01	-9.30E+01	8.92E+01	-2.44E-02	-4.97E+00
1.89E+01	-9.30E+01	8.90E+01	-3.17E-02	-4.98E+00
1.90E+01	-9.30E+01	8.90E+01	-3.66E-03	-4.98E+00
1.90E+01	-9.30E+01	8.90E+01	-1.34E-02	-4.98E+00
1.90E+01	-9.30E+01	8.92E+01	-2.69E-02	-4.99E+00
1.90E+01	-9.30E+01	8.88E+01	-1.95E-02	-5.01E+00
1.90E+01	-9.30E+01	8.90E+01	9.77E-03	-5.00E+00
1.91E+01	-9.30E+01	8.92E+01	-1.10E-02	-5.01E+00
1.91E+01	-9.30E+01	8.90E+01	-3.66E-02	-5.02E+00
1.91E+01	-9.30E+01	8.91E+01	-2.20E-02	-5.03E+00
1.91E+01	-9.30E+01	8.88E+01	-1.71E-02	-5.04E+00
1.91E+01	-9.30E+01	8.94E+01	-2.44E-03	-5.03E+00
1.92E+01	-9.30E+01	8.92E+01	-2.44E-02	-5.04E+00
1.92E+01	-9.30E+01	8.94E+01	-3.42E-02	-5.06E+00
1.92E+01	-9.30E+01	8.90E+01	-9.77E-03	-5.07E+00
1.92E+01	-9.30E+01	8.90E+01	-1.10E-02	-5.06E+00
1.92E+01	-9.30E+01	8.92E+01	-1.46E-02	-5.06E+00
1.93E+01	-9.30E+01	8.90E+01	-2.69E-02	-5.09E+00
1.93E+01	-9.30E+01	8.86E+01	-2.08E-02	-5.09E+00
1.93E+01	-9.30E+01	8.86E+01	7.32E-03	-5.10E+00
1.93E+01	-9.30E+01	8.93E+01	-1.59E-02	-5.10E+00
1.93E+01	-9.30E+01	8.91E+01	-4.76E-02	-5.10E+00
1.94E+01	-9.30E+01	8.88E+01	-2.69E-02	-5.12E+00
1.94E+01	-9.30E+01	8.88E+01	-1.34E-02	-5.12E+00
1.94E+01	-9.30E+01	8.87E+01	2.44E-03	-5.12E+00

1.94E+01	-9.30E+01	8.91E+01	-3.66E-02	-5.13E+00
1.94E+01	-9.30E+01	8.91E+01	-3.66E-03	-5.15E+00
1.95E+01	-9.30E+01	8.83E+01	-1.10E-02	-5.16E+00
1.95E+01	-9.30E+01	8.91E+01	-2.44E-03	-5.14E+00
1.95E+01	-9.30E+01	8.91E+01	-1.46E-02	-5.16E+00
1.95E+01	-9.30E+01	8.91E+01	-4.27E-02	-5.17E+00
1.95E+01	-9.30E+01	8.88E+01	-1.10E-02	-5.18E+00
1.96E+01	-9.30E+01	8.90E+01	-4.88E-03	-5.20E+00
1.96E+01	-9.30E+01	8.92E+01	-1.83E-02	-5.18E+00
1.96E+01	-9.30E+01	8.92E+01	-2.32E-02	-5.20E+00
1.96E+01	-9.30E+01	8.86E+01	-3.78E-02	-5.21E+00
1.96E+01	-9.30E+01	8.86E+01	-4.88E-03	-5.22E+00
1.97E+01	-9.30E+01	8.85E+01	-4.88E-03	-5.22E+00
1.97E+01	-9.30E+01	8.89E+01	-1.34E-02	-5.22E+00
1.97E+01	-9.30E+01	8.90E+01	-2.44E-02	-5.23E+00
1.97E+01	-9.30E+01	8.88E+01	-2.69E-02	-5.24E+00
1.97E+01	-9.30E+01	8.88E+01	1.22E-03	-5.25E+00
1.98E+01	-9.30E+01	8.89E+01	-9.77E-03	-5.25E+00
1.98E+01	-9.30E+01	8.89E+01	-5.86E-02	-5.25E+00
1.98E+01	-9.30E+01	8.89E+01	-1.46E-02	-5.27E+00
1.98E+01	-9.30E+01	8.87E+01	-8.54E-03	-5.27E+00
1.98E+01	-9.30E+01	8.91E+01	-9.77E-03	-5.26E+00
1.99E+01	-9.30E+01	8.92E+01	-5.00E-02	-5.29E+00
1.99E+01	-9.30E+01	8.89E+01	-1.71E-02	-5.30E+00
1.99E+01	-9.30E+01	8.86E+01	-1.71E-02	-5.30E+00
1.99E+01	-9.30E+01	8.92E+01	-9.77E-03	-5.30E+00
1.99E+01	-9.30E+01	8.92E+01	-2.44E-02	-5.33E+00
2.00E+01	-9.30E+01	8.89E+01	-4.15E-02	-5.33E+00
2.00E+01	-9.30E+01	8.91E+01	-4.88E-03	-5.33E+00
2.00E+01	-9.30E+01	8.92E+01	-4.88E-03	-5.33E+00
2.00E+01	-9.30E+01	8.94E+01	-2.08E-02	-5.33E+00
2.00E+01	-9.30E+01	8.91E+01	-1.95E-02	-5.36E+00
2.01E+01	-9.30E+01	8.88E+01	-2.69E-02	-5.36E+00
2.01E+01	-9.30E+01	8.92E+01	7.32E-03	-5.36E+00
2.01E+01	-9.30E+01	8.96E+01	-2.93E-02	-5.37E+00
2.01E+01	-9.30E+01	8.91E+01	-2.08E-02	-5.39E+00
2.01E+01	-9.30E+01	8.94E+01	4.88E-03	-5.39E+00
2.02E+01	-9.30E+01	8.95E+01	-4.88E-03	-5.38E+00
2.02E+01	-9.30E+01	8.96E+01	-2.44E-02	-5.40E+00
2.02E+01	-9.30E+01	8.97E+01	-3.54E-02	-5.40E+00
2.02E+01	-9.30E+01	8.93E+01	-1.46E-02	-5.41E+00
2.02E+01	-9.30E+01	8.92E+01	1.71E-02	-5.41E+00
2.03E+01	-9.30E+01	8.98E+01	-2.44E-02	-5.42E+00
2.03E+01	-9.30E+01	8.87E+01	-2.69E-02	-5.44E+00
2.03E+01	-9.30E+01	8.95E+01	-9.77E-03	-5.43E+00
2.03E+01	-9.30E+01	8.95E+01	3.66E-03	-5.44E+00
2.03E+01	-9.30E+01	8.97E+01	-2.69E-02	-5.45E+00

2.04E+01	-9.30E+01	9.00E+01	-1.71E-02	-5.46E+00
2.04E+01	-9.30E+01	8.94E+01	-1.34E-02	-5.46E+00
2.04E+01	-9.30E+01	8.98E+01	0.00E+00	-5.47E+00
2.04E+01	-9.30E+01	8.98E+01	-5.00E-02	-5.47E+00
2.04E+01	-9.30E+01	8.94E+01	-3.17E-02	-5.49E+00
2.05E+01	-9.30E+01	8.96E+01	-2.44E-03	-5.50E+00
2.05E+01	-9.30E+01	8.98E+01	-9.77E-03	-5.49E+00
2.05E+01	-9.30E+01	8.99E+01	-3.78E-02	-5.50E+00
2.05E+01	-9.30E+01	8.96E+01	-2.20E-02	-5.52E+00
2.05E+01	-9.30E+01	9.00E+01	-7.32E-03	-5.53E+00
2.06E+01	-9.30E+01	8.98E+01	0.00E+00	-5.53E+00
2.06E+01	-9.30E+01	9.00E+01	-3.05E-02	-5.53E+00
2.06E+01	-9.30E+01	8.96E+01	-1.22E-02	-5.56E+00
2.06E+01	-9.30E+01	8.96E+01	-1.46E-02	-5.55E+00
2.06E+01	-9.30E+01	8.97E+01	8.54E-03	-5.55E+00
2.07E+01	-9.30E+01	8.97E+01	-2.20E-02	-5.57E+00
2.07E+01	-9.30E+01	9.01E+01	-1.95E-02	-5.59E+00
2.07E+01	-9.30E+01	8.98E+01	-7.32E-03	-5.59E+00
2.07E+01	-9.30E+01	9.00E+01	-3.17E-02	-5.58E+00
2.07E+01	-9.30E+01	8.96E+01	-2.44E-02	-5.60E+00
2.08E+01	-9.30E+01	8.96E+01	-2.93E-02	-5.61E+00
2.08E+01	-9.30E+01	8.97E+01	2.44E-03	-5.61E+00
2.08E+01	-9.30E+01	9.00E+01	-1.46E-02	-5.61E+00
2.08E+01	-9.30E+01	8.96E+01	-2.44E-02	-5.62E+00
2.08E+01	-9.30E+01	8.99E+01	-1.71E-02	-5.63E+00
2.09E+01	-9.30E+01	9.00E+01	-8.54E-03	-5.62E+00
2.09E+01	-9.30E+01	9.03E+01	-2.93E-02	-5.63E+00
2.09E+01	-9.30E+01	9.02E+01	-3.66E-02	-5.65E+00
2.09E+01	-9.30E+01	8.98E+01	-1.22E-02	-5.66E+00
2.09E+01	-9.30E+01	8.97E+01	-4.88E-03	-5.66E+00
2.10E+01	-9.30E+01	9.01E+01	-2.32E-02	-5.66E+00
2.10E+01	-9.30E+01	8.99E+01	-6.35E-02	-5.67E+00
2.10E+01	-9.30E+01	9.02E+01	-3.42E-02	-5.69E+00
2.10E+01	-9.30E+01	8.99E+01	0.00E+00	-5.69E+00
2.10E+01	-9.30E+01	9.01E+01	-2.20E-02	-5.70E+00
2.11E+01	-9.30E+01	9.01E+01	-3.42E-02	-5.71E+00
2.11E+01	-9.30E+01	9.01E+01	-1.83E-02	-5.72E+00
2.11E+01	-9.30E+01	8.99E+01	-2.69E-02	-5.72E+00
2.11E+01	-9.30E+01	9.04E+01	-1.22E-02	-5.73E+00
2.11E+01	-9.30E+01	9.01E+01	-3.91E-02	-5.74E+00
2.12E+01	-9.30E+01	8.99E+01	-2.81E-02	-5.74E+00
2.12E+01	-9.30E+01	9.03E+01	-9.77E-03	-5.75E+00
2.12E+01	-9.30E+01	9.02E+01	-6.10E-03	-5.75E+00
2.12E+01	-9.30E+01	9.02E+01	-2.69E-02	-5.76E+00
2.12E+01	-9.30E+01	9.02E+01	-3.66E-02	-5.77E+00
2.13E+01	-9.30E+01	9.00E+01	-7.32E-03	-5.79E+00
2.13E+01	-9.30E+01	9.04E+01	-3.66E-03	-5.78E+00

2.13E+01	-9.30E+01	9.02E+01	-1.95E-02	-5.78E+00
2.13E+01	-9.30E+01	9.01E+01	-3.17E-02	-5.79E+00
2.13E+01	-9.30E+01	9.02E+01	-2.44E-02	-5.80E+00
2.14E+01	-9.30E+01	8.97E+01	-4.88E-03	-5.81E+00
2.14E+01	-9.30E+01	9.04E+01	-9.77E-03	-5.81E+00
2.14E+01	-9.30E+01	9.03E+01	-2.44E-02	-5.82E+00
2.14E+01	-9.30E+01	8.98E+01	-2.81E-02	-5.84E+00
2.14E+01	-9.30E+01	8.99E+01	-4.03E-02	-5.84E+00
2.15E+01	-9.30E+01	9.03E+01	1.95E-02	-5.84E+00
2.15E+01	-9.30E+01	9.02E+01	-7.32E-03	-5.85E+00
2.15E+01	-9.30E+01	9.01E+01	-2.20E-02	-5.86E+00
2.15E+01	-9.30E+01	9.01E+01	-3.66E-02	-5.87E+00
2.15E+01	-9.30E+01	8.99E+01	-1.95E-02	-5.88E+00
2.16E+01	-9.30E+01	8.97E+01	-9.77E-03	-5.88E+00
2.16E+01	-9.30E+01	8.99E+01	-2.20E-02	-5.88E+00
2.16E+01	-9.30E+01	8.98E+01	-3.42E-02	-5.90E+00
2.16E+01	-9.30E+01	8.98E+01	-1.22E-02	-5.91E+00
2.16E+01	-9.30E+01	8.98E+01	-1.22E-02	-5.91E+00
2.17E+01	-9.30E+01	9.00E+01	-7.32E-03	-5.91E+00
2.17E+01	-9.30E+01	9.02E+01	-2.93E-02	-5.92E+00
2.17E+01	-9.30E+01	8.99E+01	-3.17E-02	-5.93E+00
2.17E+01	-9.30E+01	8.99E+01	1.10E-02	-5.94E+00
2.17E+01	-9.30E+01	9.00E+01	-2.69E-02	-5.93E+00
2.18E+01	-9.30E+01	9.02E+01	-2.20E-02	-5.95E+00
2.18E+01	-9.30E+01	9.01E+01	-3.54E-02	-5.97E+00
2.18E+01	-9.30E+01	8.99E+01	-2.69E-02	-5.97E+00
2.18E+01	-9.30E+01	9.02E+01	-9.77E-03	-5.97E+00
2.18E+01	-9.30E+01	9.00E+01	-1.95E-02	-5.97E+00
2.19E+01	-9.30E+01	9.04E+01	-2.44E-02	-5.98E+00
2.19E+01	-9.30E+01	8.99E+01	-2.08E-02	-5.99E+00
2.19E+01	-9.30E+01	8.97E+01	-9.77E-03	-5.99E+00
2.19E+01	-9.30E+01	8.99E+01	-1.34E-02	-6.00E+00
2.19E+01	-9.30E+01	9.01E+01	-3.42E-02	-6.01E+00
2.20E+01	-9.30E+01	8.98E+01	-1.46E-02	-6.02E+00
2.20E+01	-9.30E+01	8.98E+01	2.44E-03	-6.02E+00
2.20E+01	-9.30E+01	9.00E+01	-2.69E-02	-6.02E+00
2.20E+01	-9.30E+01	9.04E+01	-1.71E-02	-6.04E+00
2.20E+01	-9.30E+01	8.97E+01	-2.44E-02	-6.05E+00
2.21E+01	-9.30E+01	8.99E+01	-1.22E-02	-6.05E+00
2.21E+01	-9.30E+01	9.01E+01	-1.22E-03	-6.05E+00
2.21E+01	-9.30E+01	8.99E+01	-2.44E-02	-6.08E+00
2.21E+01	-9.30E+01	9.00E+01	-3.17E-02	-6.08E+00
2.21E+01	-9.30E+01	8.96E+01	2.44E-03	-6.08E+00
2.22E+01	-9.30E+01	8.98E+01	-1.10E-02	-6.08E+00
2.22E+01	-9.30E+01	9.01E+01	-2.93E-02	-6.08E+00
2.22E+01	-9.30E+01	8.96E+01	-3.05E-02	-6.11E+00
2.22E+01	-9.30E+01	8.98E+01	-1.95E-02	-6.11E+00

2.22E+01	-9.30E+01	9.05E+01	2.44E-03	-6.12E+00
2.23E+01	-9.30E+01	9.03E+01	-4.03E-02	-6.12E+00
2.23E+01	-9.30E+01	9.02E+01	-6.10E-02	-6.13E+00
2.23E+01	-9.30E+01	9.00E+01	-4.88E-03	-6.14E+00
2.23E+01	-9.30E+01	9.02E+01	-8.54E-03	-6.14E+00
2.23E+01	-9.30E+01	9.03E+01	-1.22E-02	-6.14E+00
2.24E+01	-9.30E+01	9.01E+01	-5.74E-02	-6.15E+00
2.24E+01	-9.30E+01	8.99E+01	-2.08E-02	-6.17E+00
2.24E+01	-9.30E+01	8.99E+01	1.22E-03	-6.18E+00
2.24E+01	-9.30E+01	9.05E+01	-9.77E-03	-6.17E+00
2.24E+01	-9.30E+01	9.06E+01	-2.20E-02	-6.17E+00
2.25E+01	-9.30E+01	9.05E+01	-7.32E-03	-6.20E+00
2.25E+01	-9.30E+01	9.01E+01	-1.22E-02	-6.20E+00
2.25E+01	-9.30E+01	9.00E+01	0.00E+00	-6.20E+00
2.25E+01	-9.30E+01	9.04E+01	-1.83E-02	-6.20E+00
2.25E+01	-9.30E+01	9.03E+01	-1.71E-02	-6.22E+00
2.26E+01	-9.30E+01	9.05E+01	-5.86E-02	-6.23E+00
2.26E+01	-9.30E+01	9.02E+01	-1.46E-02	-6.24E+00
2.26E+01	-9.30E+01	9.05E+01	4.88E-03	-6.24E+00
2.26E+01	-9.30E+01	9.07E+01	-1.95E-02	-6.25E+00
2.26E+01	-9.30E+01	9.05E+01	-1.34E-02	-6.25E+00
2.27E+01	-9.30E+01	9.04E+01	-2.69E-02	-6.27E+00
2.27E+01	-9.30E+01	9.02E+01	-2.69E-02	-6.27E+00
2.27E+01	-9.30E+01	9.03E+01	4.88E-03	-6.28E+00
2.27E+01	-9.30E+01	9.07E+01	-1.83E-02	-6.28E+00
2.27E+01	-9.30E+01	9.05E+01	-4.52E-02	-6.29E+00
2.28E+01	-9.30E+01	9.01E+01	-3.91E-02	-6.31E+00
2.28E+01	-9.30E+01	9.02E+01	-1.22E-02	-6.31E+00
2.28E+01	-9.30E+01	9.02E+01	-3.66E-03	-6.31E+00
2.28E+01	-9.30E+01	9.04E+01	-1.95E-02	-6.32E+00
2.28E+01	-9.30E+01	9.00E+01	-2.69E-02	-6.33E+00
2.29E+01	-9.30E+01	9.07E+01	-1.46E-02	-6.34E+00
2.29E+01	-9.30E+01	9.02E+01	-7.32E-03	-6.33E+00
2.29E+01	-9.30E+01	9.06E+01	-1.95E-02	-6.34E+00
2.29E+01	-9.30E+01	9.02E+01	-4.15E-02	-6.35E+00
2.29E+01	-9.30E+01	9.04E+01	-2.44E-03	-6.37E+00
2.30E+01	-9.30E+01	9.03E+01	-2.44E-03	-6.37E+00
2.30E+01	-9.30E+01	9.02E+01	-1.46E-02	-6.36E+00
2.30E+01	-9.30E+01	9.04E+01	-3.91E-02	-6.38E+00
2.30E+01	-9.30E+01	9.04E+01	-2.44E-03	-6.39E+00
2.30E+01	-9.30E+01	9.05E+01	4.88E-03	-6.40E+00
2.31E+01	-9.30E+01	9.05E+01	-1.95E-02	-6.40E+00
2.31E+01	-9.30E+01	9.06E+01	-2.56E-02	-6.41E+00
2.31E+01	-9.30E+01	9.03E+01	-4.88E-02	-6.42E+00
2.31E+01	-9.30E+01	9.03E+01	-1.22E-02	-6.42E+00
2.31E+01	-9.30E+01	9.03E+01	1.34E-02	-6.43E+00
2.32E+01	-9.30E+01	9.05E+01	-2.44E-02	-6.43E+00

2.32E+01	-9.30E+01	9.03E+01	-2.08E-02	-6.45E+00
2.32E+01	-9.30E+01	9.04E+01	-1.22E-03	-6.46E+00
2.32E+01	-9.30E+01	9.07E+01	-2.93E-02	-6.45E+00
2.32E+01	-9.30E+01	9.04E+01	-1.95E-02	-6.46E+00
2.33E+01	-9.30E+01	9.05E+01	-3.66E-02	-6.46E+00
2.33E+01	-9.30E+01	9.06E+01	-2.08E-02	-6.49E+00
2.33E+01	-9.30E+01	9.07E+01	0.00E+00	-6.49E+00
2.33E+01	-9.30E+01	9.04E+01	-1.34E-02	-6.49E+00
2.33E+01	-9.30E+01	9.03E+01	-2.69E-02	-6.51E+00
2.34E+01	-9.30E+01	9.07E+01	-2.44E-02	-6.51E+00
2.34E+01	-9.30E+01	9.04E+01	-6.10E-03	-6.52E+00
2.34E+01	-9.30E+01	9.06E+01	-1.46E-02	-6.52E+00
2.34E+01	-9.30E+01	9.09E+01	-2.56E-02	-6.53E+00
2.34E+01	-9.30E+01	9.05E+01	-2.20E-02	-6.55E+00
2.35E+01	-9.30E+01	9.08E+01	-1.71E-02	-6.54E+00
2.35E+01	-9.30E+01	9.09E+01	-2.44E-03	-6.54E+00
2.35E+01	-9.30E+01	9.09E+01	-3.42E-02	-6.55E+00
2.35E+01	-9.30E+01	9.03E+01	-2.81E-02	-6.57E+00
2.35E+01	-9.30E+01	9.09E+01	-1.59E-02	-6.57E+00
2.36E+01	-9.30E+01	9.11E+01	-2.93E-02	-6.57E+00
2.36E+01	-9.30E+01	9.11E+01	-6.10E-03	-6.58E+00
2.36E+01	-9.30E+01	9.09E+01	-2.44E-02	-6.59E+00
2.36E+01	-9.30E+01	9.07E+01	-3.66E-02	-6.60E+00
2.36E+01	-9.30E+01	9.06E+01	-1.46E-02	-6.61E+00
2.37E+01	-9.30E+01	9.07E+01	-2.32E-02	-6.61E+00
2.37E+01	-9.30E+01	9.08E+01	-1.46E-02	-6.61E+00
2.37E+01	-9.30E+01	9.13E+01	-1.83E-02	-6.62E+00
2.37E+01	-9.30E+01	9.10E+01	-3.17E-02	-6.64E+00
2.37E+01	-9.30E+01	9.10E+01	-4.88E-03	-6.65E+00
2.38E+01	-9.30E+01	9.08E+01	-7.32E-03	-6.65E+00
2.38E+01	-9.30E+01	9.11E+01	0.00E+00	-6.65E+00
2.38E+01	-9.30E+01	9.12E+01	-1.83E-02	-6.67E+00
2.38E+01	-9.30E+01	9.09E+01	-2.93E-02	-6.68E+00
2.38E+01	-9.30E+01	9.08E+01	-4.88E-03	-6.68E+00
2.39E+01	-9.30E+01	9.10E+01	0.00E+00	-6.68E+00
2.39E+01	-9.30E+01	9.13E+01	-1.71E-02	-6.68E+00
2.39E+01	-9.30E+01	9.10E+01	-2.93E-02	-6.71E+00
2.39E+01	-9.30E+01	9.10E+01	-2.93E-02	-6.71E+00
2.39E+01	-9.30E+01	9.08E+01	-1.71E-02	-6.71E+00
2.40E+01	-9.30E+01	9.12E+01	-1.22E-02	-6.71E+00
2.40E+01	-9.30E+01	9.11E+01	-2.20E-02	-6.73E+00
2.40E+01	-9.30E+01	9.11E+01	-2.20E-02	-6.75E+00
2.40E+01	-9.30E+01	9.09E+01	-1.95E-02	-6.74E+00
2.40E+01	-9.30E+01	9.09E+01	-9.77E-03	-6.74E+00
2.41E+01	-9.30E+01	9.10E+01	-3.78E-02	-6.75E+00
2.41E+01	-9.30E+01	9.13E+01	-2.69E-02	-6.76E+00
2.41E+01	-9.30E+01	9.07E+01	-1.95E-02	-6.76E+00

2.41E+01	-9.30E+01	9.13E+01	7.32E-03	-6.77E+00
2.41E+01	-9.30E+01	9.14E+01	-9.77E-03	-6.77E+00
2.42E+01	-9.30E+01	9.12E+01	-4.15E-02	-6.79E+00
2.42E+01	-9.30E+01	9.11E+01	-1.22E-02	-6.81E+00
2.42E+01	-9.30E+01	9.09E+01	0.00E+00	-6.81E+00
2.42E+01	-9.30E+01	9.11E+01	-2.44E-03	-6.80E+00
2.42E+01	-9.30E+01	9.11E+01	-2.20E-02	-6.82E+00
2.43E+01	-9.30E+01	9.09E+01	-2.69E-02	-6.83E+00
2.43E+01	-9.30E+01	9.15E+01	0.00E+00	-6.84E+00
2.43E+01	-9.30E+01	9.13E+01	-7.32E-03	-6.83E+00
2.43E+01	-9.30E+01	9.11E+01	-1.95E-02	-6.84E+00
2.43E+01	-9.30E+01	9.12E+01	-2.20E-02	-6.86E+00
2.44E+01	-9.30E+01	9.09E+01	-1.95E-02	-6.86E+00
2.44E+01	-9.30E+01	9.13E+01	-3.66E-03	-6.86E+00
2.44E+01	-9.30E+01	9.13E+01	-1.71E-02	-6.87E+00
2.44E+01	-9.30E+01	9.15E+01	-1.95E-02	-6.87E+00
2.44E+01	-9.30E+01	9.14E+01	-2.44E-02	-6.90E+00
2.45E+01	-9.30E+01	9.12E+01	-1.46E-02	-6.88E+00
2.45E+01	-9.30E+01	9.16E+01	-1.22E-02	-6.89E+00
2.45E+01	-9.30E+01	9.12E+01	-2.32E-02	-6.91E+00
2.45E+01	-9.30E+01	9.15E+01	-3.17E-02	-6.92E+00
2.45E+01	-9.30E+01	9.09E+01	-1.95E-02	-6.93E+00
2.46E+01	-9.30E+01	9.11E+01	-4.88E-03	-6.94E+00
2.46E+01	-9.30E+01	9.15E+01	-3.78E-02	-6.92E+00
2.46E+01	-9.30E+01	9.15E+01	-2.44E-02	-6.94E+00
2.46E+01	-9.30E+01	9.09E+01	-2.44E-02	-6.95E+00
2.46E+01	-9.30E+01	9.12E+01	-2.44E-03	-6.96E+00
2.47E+01	-9.30E+01	9.12E+01	-1.95E-02	-6.96E+00
2.47E+01	-9.30E+01	9.17E+01	-2.69E-02	-6.96E+00
2.47E+01	-9.30E+01	9.12E+01	-9.77E-03	-6.98E+00
2.47E+01	-9.30E+01	9.13E+01	-2.69E-02	-6.99E+00
2.47E+01	-9.30E+01	9.14E+01	-4.88E-03	-6.99E+00
2.48E+01	-9.30E+01	9.15E+01	0.00E+00	-6.99E+00
2.48E+01	-9.30E+01	9.17E+01	9.77E-03	-7.01E+00
2.48E+01	-9.30E+01	9.10E+01	-2.44E-02	-7.02E+00
2.48E+01	-9.30E+01	9.07E+01	-2.20E-02	-7.03E+00
2.48E+01	-9.30E+01	9.15E+01	0.00E+00	-7.03E+00
2.49E+01	-9.30E+01	9.17E+01	-1.95E-02	-7.03E+00
2.49E+01	-9.30E+01	9.11E+01	-2.81E-02	-7.05E+00
2.49E+01	-9.30E+01	9.16E+01	-4.88E-03	-7.05E+00
2.49E+01	-9.30E+01	9.18E+01	-7.32E-03	-7.04E+00
2.49E+01	-9.30E+01	9.14E+01	-1.95E-02	-7.05E+00
2.50E+01	-9.30E+01	9.08E+01	-2.69E-02	-7.07E+00
2.50E+01	-9.30E+01	9.04E+01	0.00E+00	-7.07E+00
2.50E+01	-9.30E+01	8.98E+01	-2.44E-03	-7.07E+00
2.50E+01	-9.30E+01	8.98E+01	-1.22E-02	-7.05E+00
2.50E+01	-9.30E+01	8.79E+01	-2.20E-02	-7.07E+00

2.51E+01	-9.30E+01	8.44E+01	-3.30E-02	-7.08E+00
2.51E+01	-9.30E+01	7.99E+01	9.77E-03	-7.07E+00
2.51E+01	-9.30E+01	7.97E+01	-1.46E-02	-7.06E+00
2.51E+01	-9.30E+01	8.00E+01	-2.69E-02	-7.07E+00
2.51E+01	-9.30E+01	8.07E+01	-6.59E-02	-7.07E+00
2.52E+01	-9.30E+01	8.22E+01	-1.83E-02	-7.07E+00
2.52E+01	-9.30E+01	8.49E+01	4.88E-03	-7.06E+00
2.52E+01	-9.30E+01	8.76E+01	-1.22E-02	-7.07E+00
2.52E+01	-9.30E+01	8.79E+01	-2.32E-02	-7.06E+00
2.52E+01	-9.30E+01	8.67E+01	-3.66E-03	-7.07E+00
2.53E+01	-9.30E+01	8.49E+01	-2.20E-02	-7.07E+00
2.53E+01	-9.30E+01	8.30E+01	2.44E-03	-7.06E+00
2.53E+01	-9.30E+01	8.21E+01	-3.17E-02	-7.05E+00
2.53E+01	-9.30E+01	8.17E+01	-2.93E-02	-7.06E+00
2.53E+01	-9.30E+01	8.11E+01	-1.71E-02	-7.07E+00
2.54E+01	-9.30E+01	8.11E+01	-1.83E-02	-7.06E+00
2.54E+01	-9.30E+01	8.12E+01	-2.44E-03	-7.05E+00
2.54E+01	-9.30E+01	8.10E+01	-3.42E-02	-7.06E+00
2.54E+01	-9.30E+01	8.06E+01	-3.17E-02	-7.05E+00
2.54E+01	-9.30E+01	8.08E+01	1.22E-03	-7.06E+00
2.55E+01	-9.30E+01	8.08E+01	-1.22E-02	-7.05E+00
2.55E+01	-9.30E+01	8.03E+01	-2.44E-02	-7.06E+00
2.55E+01	-9.30E+01	8.04E+01	-2.69E-02	-7.06E+00
2.55E+01	-9.30E+01	8.04E+01	-2.69E-02	-7.05E+00
2.55E+01	-9.30E+01	8.07E+01	1.59E-02	-7.05E+00
2.56E+01	-9.30E+01	8.06E+01	-1.95E-02	-7.04E+00
2.56E+01	-9.30E+01	8.07E+01	-2.32E-02	-7.05E+00
2.56E+01	-9.30E+01	8.03E+01	-1.46E-02	-7.05E+00
2.56E+01	-9.30E+01	8.04E+01	-7.32E-03	-7.04E+00
2.56E+01	-9.30E+01	8.04E+01	1.46E-02	-7.04E+00
2.57E+01	-9.30E+01	8.05E+01	-2.69E-02	-7.03E+00
2.57E+01	-9.30E+01	8.05E+01	-2.08E-02	-7.05E+00
2.57E+01	-9.30E+01	8.04E+01	-1.22E-02	-7.04E+00
2.57E+01	-9.30E+01	8.06E+01	0.00E+00	-7.03E+00
2.57E+01	-9.30E+01	8.05E+01	-8.54E-03	-7.02E+00
2.58E+01	-9.30E+01	8.06E+01	-3.42E-02	-7.04E+00
2.58E+01	-9.30E+01	8.05E+01	-2.44E-02	-7.03E+00
2.58E+01	-9.30E+01	8.02E+01	-1.46E-02	-7.03E+00
2.58E+01	-9.30E+01	8.06E+01	-1.22E-03	-7.02E+00
2.58E+01	-9.30E+01	8.06E+01	-1.22E-02	-7.02E+00
2.59E+01	-9.30E+01	8.05E+01	-3.42E-02	-7.03E+00
2.59E+01	-9.30E+01	8.04E+01	4.88E-03	-7.03E+00
2.59E+01	-9.30E+01	8.00E+01	-1.46E-02	-7.03E+00
2.59E+01	-9.30E+01	8.05E+01	-4.88E-03	-7.01E+00
2.59E+01	-9.30E+01	8.08E+01	-1.34E-02	-7.01E+00
2.60E+01	-9.30E+01	8.04E+01	-2.93E-02	-7.01E+00
2.60E+01	-9.30E+01	8.04E+01	-4.88E-02	-7.01E+00

2.60E+01	-9.30E+01	8.01E+01	-1.10E-02	-7.02E+00
2.60E+01	-9.30E+01	8.04E+01	-9.77E-03	-7.01E+00
2.60E+01	-9.30E+01	8.06E+01	-1.71E-02	-7.00E+00
2.61E+01	-9.30E+01	8.04E+01	-3.05E-02	-7.01E+00
2.61E+01	-9.30E+01	8.03E+01	-2.20E-02	-7.01E+00
2.61E+01	-9.30E+01	8.04E+01	1.22E-02	-7.00E+00
2.61E+01	-9.30E+01	8.04E+01	-7.32E-03	-6.99E+00
2.61E+01	-9.30E+01	8.05E+01	-1.46E-02	-7.00E+00
2.62E+01	-9.30E+01	8.03E+01	-3.05E-02	-7.00E+00
2.62E+01	-9.30E+01	8.04E+01	-3.05E-02	-7.00E+00
2.62E+01	-9.30E+01	8.03E+01	3.66E-03	-6.99E+00
2.62E+01	-9.30E+01	8.03E+01	-1.59E-02	-6.98E+00
2.62E+01	-9.30E+01	8.05E+01	-2.56E-02	-6.99E+00
2.63E+01	-9.30E+01	8.03E+01	-2.20E-02	-6.99E+00
2.63E+01	-9.30E+01	7.99E+01	-1.95E-02	-6.99E+00
2.63E+01	-9.30E+01	8.04E+01	4.88E-03	-6.98E+00
2.63E+01	-9.30E+01	8.04E+01	-9.77E-03	-6.97E+00
2.63E+01	-9.30E+01	8.05E+01	-1.95E-02	-6.98E+00
2.64E+01	-9.30E+01	8.01E+01	-2.56E-02	-6.99E+00
2.64E+01	-9.30E+01	8.01E+01	-7.32E-03	-6.98E+00
2.64E+01	-9.30E+01	8.04E+01	0.00E+00	-6.97E+00
2.64E+01	-9.30E+01	8.05E+01	-1.71E-02	-6.97E+00
2.64E+01	-9.30E+01	8.03E+01	-5.13E-02	-6.97E+00
2.65E+01	-9.30E+01	8.03E+01	-1.46E-02	-6.98E+00
2.65E+01	-9.30E+01	7.99E+01	-8.54E-03	-6.97E+00
2.65E+01	-9.30E+01	8.03E+01	-2.44E-03	-6.97E+00
2.65E+01	-9.30E+01	8.05E+01	-5.13E-02	-6.96E+00
2.65E+01	-9.30E+01	8.03E+01	-3.78E-02	-6.97E+00
2.66E+01	-9.30E+01	8.00E+01	-1.95E-02	-6.97E+00
2.66E+01	-9.30E+01	8.02E+01	-7.32E-03	-6.95E+00
2.66E+01	-9.30E+01	8.04E+01	-2.44E-03	-6.97E+00
2.66E+01	-9.30E+01	8.02E+01	-4.39E-02	-6.95E+00
2.66E+01	-9.30E+01	8.02E+01	-7.32E-03	-6.96E+00
2.67E+01	-9.30E+01	8.00E+01	0.00E+00	-6.95E+00
2.67E+01	-9.30E+01	8.02E+01	-9.77E-03	-6.94E+00
2.67E+01	-9.30E+01	8.03E+01	-2.93E-02	-6.95E+00
2.67E+01	-9.30E+01	8.01E+01	-2.69E-02	-6.95E+00
2.67E+01	-9.30E+01	8.01E+01	-6.10E-03	-6.95E+00
2.68E+01	-9.30E+01	8.00E+01	0.00E+00	-6.94E+00
2.68E+01	-9.30E+01	8.02E+01	-2.69E-02	-6.93E+00
2.68E+01	-9.30E+01	8.03E+01	-5.25E-02	-6.94E+00
2.68E+01	-9.30E+01	7.98E+01	-2.32E-02	-6.95E+00
2.68E+01	-9.30E+01	7.97E+01	-1.10E-02	-6.94E+00
2.69E+01	-9.30E+01	8.02E+01	2.44E-03	-6.94E+00
2.69E+01	-9.30E+01	8.02E+01	-3.66E-02	-6.92E+00
2.69E+01	-9.30E+01	8.01E+01	-3.17E-02	-6.94E+00
2.69E+01	-9.30E+01	7.95E+01	-1.46E-02	-6.94E+00

2.69E+01	-9.30E+01	7.98E+01	-1.10E-02	-6.93E+00
2.70E+01	-9.30E+01	8.00E+01	-4.88E-03	-6.94E+00
2.70E+01	-9.30E+01	8.01E+01	-2.93E-02	-6.93E+00
2.70E+01	-9.30E+01	7.99E+01	-3.05E-02	-6.93E+00
2.70E+01	-9.30E+01	7.98E+01	-8.54E-03	-6.93E+00
2.70E+01	-9.30E+01	8.01E+01	-4.88E-03	-6.92E+00
2.71E+01	-9.30E+01	8.01E+01	-1.71E-02	-6.90E+00
2.71E+01	-9.30E+01	8.00E+01	-4.39E-02	-6.91E+00
2.71E+01	-9.30E+01	7.99E+01	-2.56E-02	-6.92E+00
2.71E+01	-9.30E+01	7.99E+01	-7.32E-03	-6.92E+00
2.71E+01	-9.30E+01	7.98E+01	-7.32E-03	-6.89E+00
2.72E+01	-9.30E+01	8.01E+01	-1.83E-02	-6.91E+00
2.72E+01	-9.30E+01	8.00E+01	-1.95E-02	-6.91E+00
2.72E+01	-9.30E+01	7.99E+01	-9.77E-03	-6.91E+00
2.72E+01	-9.30E+01	8.02E+01	-4.88E-03	-6.90E+00
2.72E+01	-9.30E+01	8.01E+01	-1.46E-02	-6.90E+00
2.73E+01	-9.30E+01	8.00E+01	-3.17E-02	-6.91E+00
2.73E+01	-9.30E+01	7.98E+01	-3.17E-02	-6.91E+00
2.73E+01	-9.30E+01	8.00E+01	-2.44E-03	-6.90E+00
2.73E+01	-9.30E+01	7.99E+01	4.88E-03	-6.89E+00
2.73E+01	-9.30E+01	8.00E+01	-2.20E-02	-6.89E+00
2.74E+01	-9.30E+01	8.01E+01	-4.15E-02	-6.90E+00
2.74E+01	-9.30E+01	8.00E+01	-7.32E-03	-6.90E+00
2.74E+01	-9.30E+01	7.99E+01	-3.66E-03	-6.89E+00
2.74E+01	-9.30E+01	8.00E+01	-1.22E-02	-6.87E+00
2.74E+01	-9.30E+01	7.99E+01	-4.15E-02	-6.89E+00
2.75E+01	-9.30E+01	7.97E+01	-1.46E-02	-6.89E+00
2.75E+01	-9.30E+01	8.00E+01	-7.32E-03	-6.88E+00
2.75E+01	-9.30E+01	7.98E+01	-4.88E-03	-6.87E+00
2.75E+01	-9.30E+01	8.00E+01	-2.56E-02	-6.88E+00
2.75E+01	-9.30E+01	7.99E+01	-3.66E-02	-6.88E+00
2.76E+01	-9.30E+01	7.97E+01	-3.66E-03	-6.88E+00
2.76E+01	-9.30E+01	7.98E+01	-4.88E-03	-6.88E+00
2.76E+01	-9.30E+01	8.00E+01	-7.32E-03	-6.86E+00
2.76E+01	-9.30E+01	8.01E+01	-3.17E-02	-6.88E+00
2.76E+01	-9.30E+01	7.98E+01	-4.52E-02	-6.87E+00
2.77E+01	-9.30E+01	7.95E+01	-4.88E-03	-6.87E+00
2.77E+01	-9.30E+01	7.99E+01	-2.44E-03	-6.86E+00
2.77E+01	-9.30E+01	8.00E+01	-2.20E-02	-6.86E+00
2.77E+01	-9.30E+01	7.98E+01	-4.52E-02	-6.87E+00
2.77E+01	-9.30E+01	7.98E+01	-1.46E-02	-6.86E+00
2.78E+01	-9.30E+01	7.96E+01	-1.22E-03	-6.86E+00
2.78E+01	-9.30E+01	7.99E+01	-3.05E-02	-6.85E+00
2.78E+01	-9.30E+01	7.99E+01	-2.44E-02	-6.87E+00
2.78E+01	-9.30E+01	7.97E+01	-4.15E-02	-6.86E+00
2.78E+01	-9.30E+01	7.94E+01	-1.71E-02	-6.85E+00
2.79E+01	-9.30E+01	7.99E+01	2.44E-03	-6.85E+00

2.79E+01	-9.30E+01	8.00E+01	-3.05E-02	-6.85E+00
2.79E+01	-9.30E+01	7.98E+01	-3.05E-02	-6.85E+00
2.79E+01	-9.30E+01	7.98E+01	-1.95E-02	-6.86E+00
2.79E+01	-9.30E+01	7.99E+01	0.00E+00	-6.84E+00
2.80E+01	-9.30E+01	7.98E+01	-1.46E-02	-6.84E+00
2.80E+01	-9.30E+01	7.97E+01	-3.91E-02	-6.84E+00
2.80E+01	-9.30E+01	7.96E+01	-9.77E-03	-6.85E+00
2.80E+01	-9.30E+01	7.97E+01	0.00E+00	-6.84E+00
2.80E+01	-9.30E+01	7.99E+01	-1.71E-02	-6.83E+00
2.81E+01	-9.30E+01	7.97E+01	-2.44E-02	-6.85E+00
2.81E+01	-9.30E+01	7.96E+01	-2.20E-02	-6.83E+00
2.81E+01	-9.30E+01	7.96E+01	0.00E+00	-6.83E+00
2.81E+01	-9.30E+01	7.97E+01	-1.95E-02	-6.82E+00
2.81E+01	-9.30E+01	7.99E+01	-2.20E-02	-6.83E+00
2.82E+01	-9.30E+01	7.95E+01	-2.20E-02	-6.83E+00
2.82E+01	-9.30E+01	7.98E+01	2.44E-03	-6.83E+00
2.82E+01	-9.30E+01	7.96E+01	2.44E-02	-6.83E+00
2.82E+01	-9.30E+01	7.95E+01	-4.15E-02	-6.82E+00
2.82E+01	-9.30E+01	7.97E+01	-1.59E-02	-6.82E+00
2.83E+01	-9.30E+01	7.96E+01	-1.46E-02	-6.83E+00
2.83E+01	-9.30E+01	7.96E+01	-1.22E-02	-6.81E+00
2.83E+01	-9.30E+01	7.96E+01	-2.44E-03	-6.81E+00
2.83E+01	-9.30E+01	7.97E+01	-3.17E-02	-6.81E+00
2.83E+01	-9.30E+01	7.98E+01	-2.69E-02	-6.81E+00
2.84E+01	-9.30E+01	7.94E+01	-9.77E-03	-6.81E+00
2.84E+01	-9.30E+01	7.94E+01	-1.22E-02	-6.80E+00
2.84E+01	-9.30E+01	7.98E+01	-9.77E-03	-6.80E+00
2.84E+01	-9.30E+01	7.96E+01	-3.42E-02	-6.80E+00
2.84E+01	-9.30E+01	7.95E+01	-1.71E-02	-6.81E+00
2.85E+01	-9.30E+01	7.94E+01	1.22E-03	-6.80E+00
2.85E+01	-9.30E+01	7.97E+01	4.88E-03	-6.79E+00
2.85E+01	-9.30E+01	7.93E+01	-3.91E-02	-6.80E+00
2.85E+01	-9.30E+01	7.94E+01	-3.17E-02	-6.80E+00
2.85E+01	-9.30E+01	7.94E+01	-8.54E-03	-6.80E+00
2.86E+01	-9.30E+01	7.96E+01	-9.77E-03	-6.79E+00
2.86E+01	-9.30E+01	7.96E+01	-1.71E-02	-6.79E+00
2.86E+01	-9.30E+01	7.93E+01	-3.05E-02	-6.79E+00
2.86E+01	-9.30E+01	7.92E+01	-2.32E-02	-6.79E+00
2.86E+01	-9.30E+01	7.94E+01	-7.32E-03	-6.79E+00
2.87E+01	-9.30E+01	7.94E+01	-1.95E-02	-6.78E+00
2.87E+01	-9.30E+01	7.96E+01	-2.56E-02	-6.78E+00
2.87E+01	-9.30E+01	7.93E+01	-2.08E-02	-6.78E+00
2.87E+01	-9.30E+01	7.93E+01	-1.95E-02	-6.79E+00
2.87E+01	-9.30E+01	7.93E+01	-1.22E-02	-6.77E+00
2.88E+01	-9.30E+01	7.93E+01	0.00E+00	-6.77E+00
2.88E+01	-9.30E+01	7.92E+01	-5.86E-02	-6.77E+00
2.88E+01	-9.30E+01	7.93E+01	-2.44E-02	-6.78E+00

2.88E+01	-9.30E+01	7.90E+01	-1.22E-02	-6.79E+00
2.88E+01	-9.30E+01	7.93E+01	0.00E+00	-6.76E+00
2.89E+01	-9.30E+01	7.94E+01	-1.95E-02	-6.76E+00
2.89E+01	-9.30E+01	7.91E+01	-4.15E-02	-6.77E+00
2.89E+01	-9.30E+01	7.94E+01	-7.32E-03	-6.77E+00
2.89E+01	-9.30E+01	7.89E+01	-8.54E-03	-6.76E+00
2.89E+01	-9.30E+01	7.92E+01	-1.46E-02	-6.75E+00
2.90E+01	-9.30E+01	7.94E+01	-1.95E-02	-6.76E+00
2.90E+01	-9.30E+01	7.92E+01	-3.05E-02	-6.76E+00
2.90E+01	-9.30E+01	7.91E+01	-2.44E-02	-6.75E+00
2.90E+01	-9.30E+01	7.89E+01	-2.44E-03	-6.77E+00
2.90E+01	-9.30E+01	7.92E+01	-1.22E-02	-6.75E+00
2.91E+01	-9.30E+01	7.94E+01	-1.22E-02	-6.74E+00
2.91E+01	-9.30E+01	7.91E+01	-2.81E-02	-6.75E+00
2.91E+01	-9.30E+01	7.89E+01	-2.81E-02	-6.76E+00
2.91E+01	-9.30E+01	7.90E+01	-1.46E-02	-6.75E+00
2.91E+01	-9.30E+01	7.91E+01	-4.88E-03	-6.74E+00
2.92E+01	-9.30E+01	7.90E+01	-2.20E-02	-6.73E+00
2.92E+01	-9.30E+01	7.88E+01	-2.44E-02	-6.75E+00
2.92E+01	-9.30E+01	7.88E+01	-2.20E-02	-6.73E+00
2.92E+01	-9.30E+01	7.90E+01	-1.22E-03	-6.74E+00
2.92E+01	-9.30E+01	7.92E+01	-1.46E-02	-6.73E+00
2.93E+01	-9.30E+01	7.89E+01	-2.81E-02	-6.73E+00
2.93E+01	-9.30E+01	7.89E+01	-2.20E-02	-6.74E+00
2.93E+01	-9.30E+01	7.88E+01	-7.32E-03	-6.73E+00
2.93E+01	-9.30E+01	7.90E+01	2.44E-03	-6.72E+00
2.93E+01	-9.30E+01	7.88E+01	-3.91E-02	-6.72E+00
2.94E+01	-9.30E+01	7.86E+01	-2.44E-02	-6.72E+00
2.94E+01	-9.30E+01	7.87E+01	-2.20E-02	-6.72E+00
2.94E+01	-9.30E+01	7.87E+01	-2.20E-02	-6.73E+00
2.94E+01	-9.30E+01	7.90E+01	0.00E+00	-6.72E+00
2.94E+01	-9.30E+01	7.87E+01	-2.44E-02	-6.72E+00
2.95E+01	-9.30E+01	7.85E+01	-2.93E-02	-6.73E+00
2.95E+01	-9.30E+01	7.85E+01	-1.22E-03	-6.72E+00
2.95E+01	-9.30E+01	7.88E+01	1.34E-02	-6.71E+00
2.95E+01	-9.30E+01	7.88E+01	-2.69E-02	-6.70E+00
2.95E+01	-9.30E+01	7.88E+01	-3.66E-02	-6.71E+00
2.96E+01	-9.30E+01	7.85E+01	-2.08E-02	-6.71E+00
2.96E+01	-9.30E+01	7.85E+01	1.46E-02	-6.71E+00
2.96E+01	-9.30E+01	7.87E+01	-6.10E-03	-6.69E+00
2.96E+01	-9.30E+01	7.85E+01	-9.77E-03	-6.70E+00
2.96E+01	-9.30E+01	7.83E+01	-2.44E-02	-6.71E+00
2.97E+01	-9.30E+01	7.84E+01	2.44E-03	-6.69E+00
2.97E+01	-9.30E+01	7.87E+01	-2.93E-02	-6.69E+00
2.97E+01	-9.30E+01	7.88E+01	-2.20E-02	-6.70E+00
2.97E+01	-9.30E+01	7.82E+01	-2.20E-02	-6.70E+00
2.97E+01	-9.30E+01	7.84E+01	-1.10E-02	-6.70E+00

2.98E+01	-9.30E+01	7.85E+01	-1.71E-02	-6.68E+00
2.98E+01	-9.30E+01	7.85E+01	-3.91E-02	-6.69E+00
2.98E+01	-9.30E+01	7.84E+01	-2.69E-02	-6.69E+00
2.98E+01	-9.30E+01	7.82E+01	-6.10E-03	-6.69E+00
2.98E+01	-9.30E+01	7.85E+01	-1.46E-02	-6.67E+00
2.99E+01	-9.30E+01	7.84E+01	-3.17E-02	-6.68E+00
2.99E+01	-9.30E+01	7.81E+01	-2.93E-02	-6.68E+00
2.99E+01	-9.30E+01	7.82E+01	-2.44E-03	-6.68E+00
2.99E+01	-9.30E+01	7.83E+01	-1.10E-02	-6.67E+00
2.99E+01	-9.30E+01	7.83E+01	-2.08E-02	-6.67E+00
3.00E+01	-9.30E+01	7.80E+01	-1.22E-02	-6.69E+00
3.00E+01	-9.30E+01	7.80E+01	-1.71E-02	-6.68E+00
3.00E+01	-9.30E+01	7.80E+01	0.00E+00	-6.67E+00
3.00E+01	-9.30E+01	7.82E+01	-1.71E-02	-6.67E+00
3.00E+01	-9.30E+01	7.82E+01	-6.10E-02	-6.67E+00
3.01E+01	-9.30E+01	7.79E+01	-1.83E-02	-6.68E+00
3.01E+01	-9.30E+01	7.81E+01	-1.10E-02	-6.66E+00
3.01E+01	-9.30E+01	7.80E+01	-3.66E-03	-6.65E+00
3.01E+01	-9.30E+01	7.81E+01	-2.93E-02	-6.66E+00
3.01E+01	-9.30E+01	7.82E+01	-3.05E-02	-6.66E+00
3.02E+01	-9.30E+01	7.79E+01	-1.46E-02	-6.66E+00
3.02E+01	-9.30E+01	7.79E+01	-7.32E-03	-6.66E+00
3.02E+01	-9.30E+01	7.80E+01	-4.88E-03	-6.65E+00
3.02E+01	-9.30E+01	7.81E+01	-4.03E-02	-6.64E+00
3.02E+01	-9.30E+01	7.82E+01	-2.93E-02	-6.65E+00
3.03E+01	-9.30E+01	7.77E+01	7.32E-03	-6.66E+00
3.03E+01	-9.30E+01	7.78E+01	-7.32E-03	-6.64E+00
3.03E+01	-9.30E+01	7.81E+01	-9.77E-03	-6.65E+00
3.03E+01	-9.30E+01	7.80E+01	-2.08E-02	-6.65E+00
3.03E+01	-9.30E+01	7.80E+01	-1.83E-02	-6.64E+00
3.04E+01	-9.30E+01	7.76E+01	-4.88E-03	-6.64E+00
3.04E+01	-9.30E+01	7.82E+01	-2.44E-03	-6.63E+00
3.04E+01	-9.30E+01	7.81E+01	-7.32E-03	-6.63E+00
3.04E+01	-9.30E+01	7.76E+01	-5.86E-02	-6.64E+00
3.04E+01	-9.30E+01	7.76E+01	-1.10E-02	-6.64E+00
3.05E+01	-9.30E+01	7.76E+01	8.54E-03	-6.63E+00
3.05E+01	-9.30E+01	7.79E+01	-1.95E-02	-6.61E+00
3.05E+01	-9.30E+01	7.79E+01	-2.93E-02	-6.63E+00
3.05E+01	-9.30E+01	7.76E+01	-2.56E-02	-6.64E+00
3.05E+01	-9.30E+01	7.78E+01	1.10E-02	-6.62E+00
3.06E+01	-9.30E+01	7.77E+01	2.44E-03	-6.61E+00
3.06E+01	-9.30E+01	7.78E+01	-2.93E-02	-6.63E+00
3.06E+01	-9.30E+01	7.76E+01	-1.71E-02	-6.63E+00
3.06E+01	-9.30E+01	7.77E+01	4.88E-03	-6.62E+00
3.06E+01	-9.30E+01	7.79E+01	-9.77E-03	-6.61E+00
3.07E+01	-9.30E+01	7.77E+01	-1.95E-02	-6.61E+00
3.07E+01	-9.30E+01	7.77E+01	-3.78E-02	-6.61E+00

3.07E+01	-9.30E+01	7.74E+01	-1.10E-02	-6.61E+00
3.07E+01	-9.30E+01	7.78E+01	-9.77E-03	-6.61E+00
3.07E+01	-9.30E+01	7.79E+01	-7.32E-03	-6.60E+00
3.08E+01	-9.30E+01	7.77E+01	-2.20E-02	-6.60E+00
3.08E+01	-9.30E+01	7.75E+01	-2.32E-02	-6.61E+00
3.08E+01	-9.30E+01	7.76E+01	-1.22E-02	-6.61E+00
3.08E+01	-9.30E+01	7.77E+01	2.44E-03	-6.60E+00
3.08E+01	-9.30E+01	7.78E+01	-3.66E-03	-6.59E+00
3.09E+01	-9.30E+01	7.77E+01	-1.95E-02	-6.59E+00
3.09E+01	-9.30E+01	7.75E+01	-4.64E-02	-6.60E+00
3.09E+01	-9.30E+01	7.77E+01	-2.69E-02	-6.60E+00
3.09E+01	-9.30E+01	7.76E+01	3.66E-03	-6.59E+00
3.09E+01	-9.30E+01	7.75E+01	-1.71E-02	-6.60E+00
3.10E+01	-9.30E+01	7.77E+01	-1.95E-02	-6.58E+00
3.10E+01	-9.30E+01	7.77E+01	-2.20E-02	-6.59E+00
3.10E+01	-9.30E+01	7.72E+01	-2.44E-02	-6.59E+00
3.10E+01	-9.30E+01	7.73E+01	1.22E-03	-6.58E+00
3.10E+01	-9.30E+01	7.76E+01	-1.71E-02	-6.59E+00
3.11E+01	-9.30E+01	7.78E+01	4.88E-03	-6.58E+00
3.11E+01	-9.30E+01	7.76E+01	-2.93E-02	-6.59E+00
3.11E+01	-9.30E+01	7.74E+01	-4.88E-03	-6.58E+00
3.11E+01	-9.30E+01	7.76E+01	-1.22E-02	-6.57E+00
3.11E+01	-9.30E+01	7.76E+01	-3.54E-02	-6.57E+00
3.12E+01	-9.30E+01	7.75E+01	-5.13E-02	-6.58E+00
3.12E+01	-9.30E+01	7.74E+01	-2.44E-03	-6.57E+00
3.12E+01	-9.30E+01	7.77E+01	-8.54E-03	-6.56E+00
3.12E+01	-9.30E+01	7.77E+01	-1.46E-02	-6.57E+00
3.12E+01	-9.30E+01	7.79E+01	-2.44E-02	-6.56E+00
3.13E+01	-9.30E+01	7.73E+01	-3.42E-02	-6.57E+00
3.13E+01	-9.30E+01	7.73E+01	-1.95E-02	-6.57E+00
3.13E+01	-9.30E+01	7.76E+01	-6.10E-03	-6.55E+00
3.13E+01	-9.30E+01	7.78E+01	-2.20E-02	-6.55E+00
3.13E+01	-9.30E+01	7.75E+01	-4.27E-02	-6.56E+00
3.14E+01	-9.30E+01	7.76E+01	-1.46E-02	-6.56E+00
3.14E+01	-9.30E+01	7.75E+01	1.22E-03	-6.56E+00
3.14E+01	-9.30E+01	7.77E+01	-1.22E-02	-6.55E+00
3.14E+01	-9.30E+01	7.76E+01	-1.46E-02	-6.56E+00
3.14E+01	-9.30E+01	7.73E+01	-2.93E-02	-6.55E+00
3.15E+01	-9.30E+01	7.73E+01	-9.77E-03	-6.55E+00
3.15E+01	-9.30E+01	7.76E+01	0.00E+00	-6.54E+00
3.15E+01	-9.30E+01	7.78E+01	-1.59E-02	-6.54E+00
3.15E+01	-9.30E+01	7.75E+01	-3.30E-02	-6.53E+00
3.15E+01	-9.30E+01	7.72E+01	-2.44E-02	-6.55E+00
3.16E+01	-9.30E+01	7.75E+01	-9.77E-03	-6.54E+00
3.16E+01	-9.30E+01	7.75E+01	-2.44E-03	-6.54E+00
3.16E+01	-9.30E+01	7.77E+01	-2.20E-02	-6.53E+00
3.16E+01	-9.30E+01	7.77E+01	-2.69E-02	-6.52E+00

3.16E+01	-9.30E+01	7.75E+01	-2.20E-02	-6.54E+00
3.17E+01	-9.30E+01	7.76E+01	-1.71E-02	-6.53E+00
3.17E+01	-9.30E+01	7.77E+01	3.66E-03	-6.53E+00
3.17E+01	-9.30E+01	7.77E+01	-5.37E-02	-6.52E+00
3.17E+01	-9.30E+01	7.77E+01	-2.56E-02	-6.53E+00
3.17E+01	-9.30E+01	7.72E+01	-2.44E-02	-6.53E+00
3.18E+01	-9.30E+01	7.76E+01	-9.77E-03	-6.52E+00
3.18E+01	-9.30E+01	7.79E+01	6.10E-03	-6.52E+00
3.18E+01	-9.30E+01	7.76E+01	-1.22E-03	-6.52E+00
3.18E+01	-9.30E+01	7.76E+01	-1.95E-02	-6.52E+00
3.18E+01	-9.30E+01	7.77E+01	-7.32E-03	-6.52E+00
3.19E+01	-9.30E+01	7.77E+01	-7.32E-03	-6.51E+00
3.19E+01	-9.30E+01	7.77E+01	-1.22E-02	-6.51E+00
3.19E+01	-9.30E+01	7.75E+01	-3.17E-02	-6.51E+00
3.19E+01	-9.30E+01	7.77E+01	1.22E-03	-6.51E+00
3.19E+01	-9.30E+01	7.74E+01	0.00E+00	-6.51E+00
3.20E+01	-9.30E+01	7.76E+01	-8.54E-03	-6.49E+00
3.20E+01	-9.30E+01	7.78E+01	-1.46E-02	-6.50E+00
3.20E+01	-9.30E+01	7.74E+01	-5.00E-02	-6.50E+00
3.20E+01	-9.30E+01	7.75E+01	-1.22E-02	-6.50E+00
3.20E+01	-9.30E+01	7.74E+01	6.10E-03	-6.50E+00
3.21E+01	-9.30E+01	7.76E+01	-2.69E-02	-6.49E+00
3.21E+01	-9.30E+01	7.78E+01	-2.08E-02	-6.49E+00
3.21E+01	-9.30E+01	7.79E+01	-3.54E-02	-6.50E+00
3.21E+01	-9.30E+01	7.76E+01	-3.42E-02	-6.49E+00
3.21E+01	-9.30E+01	7.76E+01	-1.46E-02	-6.49E+00
3.22E+01	-9.30E+01	7.77E+01	-7.32E-03	-6.49E+00
3.22E+01	-9.30E+01	7.77E+01	-1.59E-02	-6.48E+00
3.22E+01	-9.30E+01	7.77E+01	-2.32E-02	-6.48E+00
3.22E+01	-9.30E+01	7.73E+01	-3.17E-02	-6.49E+00
3.22E+01	-9.30E+01	7.77E+01	2.44E-03	-6.48E+00
3.23E+01	-9.30E+01	7.75E+01	-2.44E-03	-6.48E+00
3.23E+01	-9.30E+01	7.81E+01	-1.34E-02	-6.47E+00
3.23E+01	-9.30E+01	7.77E+01	-1.83E-02	-6.48E+00
3.23E+01	-9.30E+01	7.76E+01	-3.05E-02	-6.48E+00
3.23E+01	-9.30E+01	7.75E+01	-1.83E-02	-6.49E+00
3.24E+01	-9.30E+01	7.73E+01	-2.44E-03	-6.47E+00
3.24E+01	-9.30E+01	7.79E+01	-1.95E-02	-6.46E+00
3.24E+01	-9.30E+01	7.79E+01	-2.44E-02	-6.46E+00
3.24E+01	-9.30E+01	7.75E+01	-3.54E-02	-6.47E+00
3.24E+01	-9.30E+01	7.75E+01	8.54E-03	-6.46E+00
3.25E+01	-9.30E+01	7.77E+01	2.44E-03	-6.46E+00
3.25E+01	-9.30E+01	7.80E+01	-3.17E-02	-6.46E+00
3.25E+01	-9.30E+01	7.78E+01	-2.81E-02	-6.44E+00
3.25E+01	-9.30E+01	7.75E+01	-3.42E-02	-6.47E+00
3.25E+01	-9.30E+01	7.74E+01	-1.71E-02	-6.46E+00
3.26E+01	-9.30E+01	7.81E+01	-1.46E-02	-6.45E+00

3.26E+01	-9.30E+01	7.79E+01	-1.83E-02	-6.44E+00
3.26E+01	-9.30E+01	7.77E+01	-3.30E-02	-6.46E+00
3.26E+01	-9.30E+01	7.74E+01	-2.44E-03	-6.46E+00
3.26E+01	-9.30E+01	7.75E+01	-9.77E-03	-6.45E+00
3.27E+01	-9.30E+01	7.81E+01	-6.10E-03	-6.44E+00
3.27E+01	-9.30E+01	7.78E+01	-2.20E-02	-6.43E+00
3.27E+01	-9.30E+01	7.77E+01	-2.93E-02	-6.44E+00
3.27E+01	-9.30E+01	7.77E+01	-9.77E-03	-6.45E+00
3.27E+01	-9.30E+01	7.74E+01	-2.32E-02	-6.44E+00
3.28E+01	-9.30E+01	7.79E+01	-2.44E-03	-6.43E+00
3.28E+01	-9.30E+01	7.77E+01	-1.59E-02	-6.42E+00
3.28E+01	-9.30E+01	7.77E+01	-3.91E-02	-6.42E+00
3.28E+01	-9.30E+01	7.78E+01	-2.44E-02	-6.44E+00
3.28E+01	-9.30E+01	7.75E+01	-1.22E-02	-6.44E+00
3.29E+01	-9.30E+01	7.75E+01	-7.32E-03	-6.43E+00
3.29E+01	-9.30E+01	7.78E+01	-1.59E-02	-6.42E+00
3.29E+01	-9.30E+01	7.77E+01	-2.44E-03	-6.43E+00
3.29E+01	-9.30E+01	7.75E+01	-2.32E-02	-6.43E+00
3.29E+01	-9.30E+01	7.75E+01	0.00E+00	-6.42E+00
3.30E+01	-9.30E+01	7.76E+01	-9.77E-03	-6.42E+00
3.30E+01	-9.30E+01	7.78E+01	-3.66E-02	-6.42E+00
3.30E+01	-9.30E+01	7.75E+01	-3.17E-02	-6.42E+00
3.30E+01	-9.30E+01	7.77E+01	-1.71E-02	-6.42E+00
3.30E+01	-9.30E+01	7.75E+01	2.44E-03	-6.42E+00
3.31E+01	-9.30E+01	7.77E+01	-1.71E-02	-6.40E+00
3.31E+01	-9.30E+01	7.79E+01	-4.88E-03	-6.41E+00
3.31E+01	-9.30E+01	7.75E+01	-2.20E-02	-6.42E+00
3.31E+01	-9.30E+01	7.76E+01	-2.20E-02	-6.41E+00
3.31E+01	-9.30E+01	7.76E+01	4.88E-03	-6.40E+00
3.32E+01	-9.30E+01	7.78E+01	-7.32E-03	-6.40E+00
3.32E+01	-9.30E+01	7.79E+01	-2.44E-02	-6.40E+00
3.32E+01	-9.30E+01	7.76E+01	-2.93E-02	-6.41E+00
3.32E+01	-9.30E+01	7.74E+01	-2.32E-02	-6.41E+00
3.32E+01	-9.30E+01	7.75E+01	0.00E+00	-6.39E+00
3.33E+01	-9.30E+01	7.78E+01	4.88E-03	-6.39E+00
3.33E+01	-9.30E+01	7.79E+01	-2.93E-02	-6.39E+00
3.33E+01	-9.30E+01	7.77E+01	-2.08E-02	-6.40E+00
3.33E+01	-9.30E+01	7.74E+01	-1.71E-02	-6.41E+00
3.33E+01	-9.30E+01	7.80E+01	-8.54E-03	-6.38E+00
3.34E+01	-9.30E+01	7.79E+01	-1.95E-02	-6.38E+00
3.34E+01	-9.30E+01	7.78E+01	-3.17E-02	-6.38E+00
3.34E+01	-9.30E+01	7.77E+01	-2.44E-02	-6.38E+00
3.34E+01	-9.30E+01	7.76E+01	-2.08E-02	-6.38E+00
3.34E+01	-9.30E+01	7.77E+01	-1.10E-02	-6.37E+00
3.35E+01	-9.30E+01	7.77E+01	-7.32E-03	-6.37E+00
3.35E+01	-9.30E+01	7.77E+01	-3.42E-02	-6.38E+00
3.35E+01	-9.30E+01	7.75E+01	-8.54E-03	-6.38E+00

3.35E+01	-9.30E+01	7.77E+01	-3.66E-03	-6.37E+00
3.35E+01	-9.30E+01	7.79E+01	-1.59E-02	-6.36E+00
3.36E+01	-9.30E+01	7.76E+01	-3.66E-02	-6.37E+00
3.36E+01	-9.30E+01	7.76E+01	-2.93E-02	-6.37E+00
3.36E+01	-9.30E+01	7.76E+01	0.00E+00	-6.38E+00
3.36E+01	-9.30E+01	7.77E+01	-2.44E-02	-6.35E+00
3.36E+01	-9.30E+01	7.79E+01	-3.66E-03	-6.35E+00
3.37E+01	-9.30E+01	7.74E+01	-2.93E-02	-6.37E+00
3.37E+01	-9.30E+01	7.74E+01	-1.71E-02	-6.35E+00
3.37E+01	-9.30E+01	7.75E+01	-1.46E-02	-6.36E+00
3.37E+01	-9.30E+01	7.76E+01	-2.20E-02	-6.35E+00
3.37E+01	-9.30E+01	7.79E+01	-3.66E-02	-6.35E+00
3.38E+01	-9.30E+01	7.74E+01	-2.20E-02	-6.36E+00
3.38E+01	-9.30E+01	7.75E+01	-1.46E-02	-6.34E+00
3.38E+01	-9.30E+01	7.77E+01	-9.77E-03	-6.34E+00
3.38E+01	-9.30E+01	7.78E+01	-2.44E-02	-6.34E+00
3.38E+01	-9.30E+01	7.76E+01	-1.71E-02	-6.35E+00
3.39E+01	-9.30E+01	7.74E+01	-1.22E-02	-6.35E+00
3.39E+01	-9.30E+01	7.75E+01	-7.32E-03	-6.33E+00
3.39E+01	-9.30E+01	7.77E+01	-3.42E-02	-6.32E+00
3.39E+01	-9.30E+01	7.74E+01	-3.42E-02	-6.33E+00
3.39E+01	-9.30E+01	7.74E+01	-2.81E-02	-6.34E+00
3.40E+01	-9.30E+01	7.74E+01	-1.10E-02	-6.34E+00
3.40E+01	-9.30E+01	7.75E+01	-1.22E-02	-6.32E+00
3.40E+01	-9.30E+01	7.78E+01	-1.22E-02	-6.32E+00
3.40E+01	-9.30E+01	7.76E+01	-3.54E-02	-6.33E+00
3.40E+01	-9.30E+01	7.73E+01	-2.44E-02	-6.33E+00
3.41E+01	-9.30E+01	7.73E+01	0.00E+00	-6.33E+00
3.41E+01	-9.30E+01	7.76E+01	-2.93E-02	-6.31E+00
3.41E+01	-9.30E+01	7.78E+01	-1.71E-02	-6.32E+00
3.41E+01	-9.30E+01	7.73E+01	-2.69E-02	-6.33E+00
3.41E+01	-9.30E+01	7.76E+01	-1.71E-02	-6.33E+00
3.42E+01	-9.30E+01	7.74E+01	2.08E-02	-6.32E+00
3.42E+01	-9.30E+01	7.75E+01	-9.77E-03	-6.31E+00
3.42E+01	-9.30E+01	7.77E+01	-2.08E-02	-6.31E+00
3.42E+01	-9.30E+01	7.75E+01	-2.69E-02	-6.32E+00
3.42E+01	-9.30E+01	7.76E+01	-2.44E-03	-6.32E+00
3.43E+01	-9.30E+01	7.75E+01	-2.08E-02	-6.31E+00
3.43E+01	-9.30E+01	7.75E+01	-2.20E-02	-6.30E+00
3.43E+01	-9.30E+01	7.75E+01	-2.32E-02	-6.31E+00
3.43E+01	-9.30E+01	7.74E+01	-2.20E-02	-6.31E+00
3.43E+01	-9.30E+01	7.76E+01	2.20E-02	-6.30E+00
3.44E+01	-9.30E+01	7.74E+01	-7.32E-03	-6.30E+00
3.44E+01	-9.30E+01	7.75E+01	-4.76E-02	-6.30E+00
3.44E+01	-9.30E+01	7.76E+01	-3.05E-02	-6.30E+00
3.44E+01	-9.30E+01	7.73E+01	-6.10E-03	-6.30E+00
3.44E+01	-9.30E+01	7.74E+01	-1.71E-02	-6.29E+00

3.45E+01	-9.30E+01	7.76E+01	-1.10E-02	-6.29E+00
3.45E+01	-9.30E+01	7.75E+01	-1.95E-02	-6.28E+00
3.45E+01	-9.30E+01	7.77E+01	-3.42E-02	-6.28E+00
3.45E+01	-9.30E+01	7.75E+01	-7.32E-03	-6.29E+00
3.45E+01	-9.30E+01	7.71E+01	-1.22E-02	-6.30E+00
3.46E+01	-9.30E+01	7.75E+01	1.22E-03	-6.28E+00
3.46E+01	-9.30E+01	7.77E+01	-2.44E-03	-6.28E+00
3.46E+01	-9.30E+01	7.77E+01	-2.93E-02	-6.28E+00
3.46E+01	-9.30E+01	7.75E+01	-1.46E-02	-6.28E+00
3.46E+01	-9.30E+01	7.71E+01	-1.22E-02	-6.28E+00
3.47E+01	-9.30E+01	7.76E+01	-1.46E-02	-6.27E+00
3.47E+01	-9.30E+01	7.74E+01	-2.93E-02	-6.29E+00
3.47E+01	-9.30E+01	7.75E+01	-2.56E-02	-6.28E+00
3.47E+01	-9.30E+01	7.75E+01	9.77E-03	-6.27E+00
3.47E+01	-9.30E+01	7.72E+01	-1.71E-02	-6.26E+00
3.48E+01	-9.30E+01	7.78E+01	-1.95E-02	-6.25E+00
3.48E+01	-9.30E+01	7.74E+01	-2.69E-02	-6.28E+00
3.48E+01	-9.30E+01	7.74E+01	-1.34E-02	-6.27E+00
3.48E+01	-9.30E+01	7.78E+01	7.32E-03	-6.26E+00
3.48E+01	-9.30E+01	7.76E+01	-1.95E-02	-6.26E+00
3.49E+01	-9.30E+01	7.76E+01	-2.69E-02	-6.26E+00
3.49E+01	-9.30E+01	7.73E+01	-3.42E-02	-6.26E+00
3.49E+01	-9.30E+01	7.74E+01	-1.59E-02	-6.26E+00
3.49E+01	-9.30E+01	7.73E+01	-6.10E-03	-6.25E+00
3.49E+01	-9.30E+01	7.74E+01	-1.95E-02	-6.25E+00
3.50E+01	-9.30E+01	7.77E+01	-2.93E-02	-6.26E+00
3.50E+01	-9.30E+01	7.74E+01	-2.44E-02	-6.26E+00
3.50E+01	-9.30E+01	7.78E+01	-1.46E-02	-6.25E+00
3.50E+01	-9.30E+01	7.77E+01	-1.22E-03	-6.24E+00
3.50E+01	-9.30E+01	7.75E+01	-2.44E-02	-6.23E+00
3.51E+01	-9.30E+01	7.75E+01	-3.91E-02	-6.24E+00
3.51E+01	-9.30E+01	7.72E+01	-1.46E-02	-6.25E+00
3.51E+01	-9.30E+01	7.78E+01	-6.10E-03	-6.23E+00
3.51E+01	-9.30E+01	7.75E+01	-1.46E-02	-6.22E+00
3.51E+01	-9.30E+01	7.74E+01	-3.66E-02	-6.22E+00
3.52E+01	-9.30E+01	7.74E+01	-3.66E-02	-6.24E+00
3.52E+01	-9.30E+01	7.77E+01	-7.32E-03	-6.24E+00
3.52E+01	-9.30E+01	7.76E+01	-1.22E-02	-6.22E+00
3.52E+01	-9.30E+01	7.75E+01	-1.46E-02	-6.21E+00
3.52E+01	-9.30E+01	7.72E+01	-3.17E-02	-6.22E+00
3.53E+01	-9.30E+01	7.74E+01	-3.05E-02	-6.23E+00
3.53E+01	-9.30E+01	7.73E+01	2.44E-03	-6.23E+00
3.53E+01	-9.30E+01	7.73E+01	-4.88E-03	-6.21E+00
3.53E+01	-9.30E+01	7.76E+01	-2.20E-02	-6.21E+00
3.53E+01	-9.30E+01	7.74E+01	-4.39E-02	-6.22E+00
3.54E+01	-9.30E+01	7.76E+01	-1.83E-02	-6.22E+00
3.54E+01	-9.30E+01	7.75E+01	2.44E-03	-6.22E+00

3.54E+01	-9.30E+01	7.74E+01	-4.88E-03	-6.21E+00
3.54E+01	-9.30E+01	7.76E+01	-3.17E-02	-6.20E+00
3.54E+01	-9.30E+01	7.77E+01	-1.10E-02	-6.22E+00
3.55E+01	-9.30E+01	7.74E+01	-2.32E-02	-6.21E+00
3.55E+01	-9.30E+01	7.71E+01	-7.32E-03	-6.21E+00
3.55E+01	-9.30E+01	7.75E+01	0.00E+00	-6.19E+00
3.55E+01	-9.30E+01	7.77E+01	-2.56E-02	-6.19E+00
3.55E+01	-9.30E+01	7.78E+01	-2.69E-02	-6.20E+00
3.56E+01	-9.30E+01	7.71E+01	-2.69E-02	-6.21E+00
3.56E+01	-9.30E+01	7.72E+01	-1.22E-02	-6.19E+00
3.56E+01	-9.30E+01	7.76E+01	-7.32E-03	-6.19E+00
3.56E+01	-9.30E+01	7.77E+01	-1.71E-02	-6.19E+00
3.56E+01	-9.30E+01	7.75E+01	-2.20E-02	-6.19E+00
3.57E+01	-9.30E+01	7.75E+01	-1.71E-02	-6.20E+00
3.57E+01	-9.30E+01	7.74E+01	-1.22E-02	-6.18E+00
3.57E+01	-9.30E+01	7.75E+01	-1.71E-02	-6.18E+00
3.57E+01	-9.30E+01	7.74E+01	-2.69E-02	-6.18E+00
3.57E+01	-9.30E+01	7.74E+01	-1.95E-02	-6.19E+00
3.58E+01	-9.30E+01	7.74E+01	-1.22E-02	-6.18E+00
3.58E+01	-9.30E+01	7.77E+01	-1.34E-02	-6.17E+00
3.58E+01	-9.30E+01	7.76E+01	-1.71E-02	-6.18E+00
3.58E+01	-9.30E+01	7.72E+01	-4.15E-02	-6.18E+00
3.58E+01	-9.30E+01	7.76E+01	3.66E-03	-6.18E+00
3.59E+01	-9.30E+01	7.76E+01	-1.95E-02	-6.18E+00
3.59E+01	-9.30E+01	7.76E+01	-1.22E-03	-6.16E+00
3.59E+01	-9.30E+01	7.74E+01	-2.44E-02	-6.18E+00
3.59E+01	-9.30E+01	7.73E+01	-1.95E-02	-6.17E+00
3.59E+01	-9.30E+01	7.76E+01	2.44E-03	-6.17E+00
3.60E+01	-9.30E+01	7.75E+01	-2.93E-02	-6.16E+00
3.60E+01	-9.30E+01	7.77E+01	-2.44E-03	-6.16E+00
3.60E+01	-9.30E+01	7.74E+01	-2.44E-02	-6.17E+00
3.60E+01	-9.30E+01	7.72E+01	-8.54E-03	-6.16E+00
3.60E+01	-9.30E+01	7.75E+01	2.44E-03	-6.15E+00
3.61E+01	-9.30E+01	7.75E+01	-2.69E-02	-6.14E+00
3.61E+01	-9.30E+01	7.77E+01	-2.93E-02	-6.15E+00
3.61E+01	-9.30E+01	7.74E+01	-2.20E-02	-6.16E+00
3.61E+01	-9.30E+01	7.75E+01	-1.22E-02	-6.16E+00
3.61E+01	-9.30E+01	7.76E+01	7.32E-03	-6.14E+00
3.62E+01	-9.30E+01	7.75E+01	1.22E-03	-6.14E+00
3.62E+01	-9.30E+01	7.75E+01	-2.93E-02	-6.15E+00
3.62E+01	-9.30E+01	7.73E+01	-1.59E-02	-6.15E+00
3.62E+01	-9.30E+01	7.76E+01	-6.10E-03	-6.13E+00
3.62E+01	-9.30E+01	7.77E+01	-3.42E-02	-6.13E+00
3.63E+01	-9.30E+01	7.75E+01	-3.30E-02	-6.14E+00
3.63E+01	-9.30E+01	7.73E+01	-1.22E-02	-6.14E+00
3.63E+01	-9.30E+01	7.74E+01	2.44E-03	-6.14E+00
3.63E+01	-9.30E+01	7.75E+01	-2.20E-02	-6.12E+00

3.63E+01	-9.30E+01	7.77E+01	-2.44E-03	-6.14E+00
3.64E+01	-9.30E+01	7.73E+01	-3.42E-02	-6.14E+00
3.64E+01	-9.30E+01	7.72E+01	-9.77E-03	-6.14E+00
3.64E+01	-9.30E+01	7.74E+01	0.00E+00	-6.12E+00
3.64E+01	-9.30E+01	7.76E+01	-3.17E-02	-6.11E+00
3.64E+01	-9.30E+01	7.75E+01	-2.81E-02	-6.13E+00
3.65E+01	-9.30E+01	7.72E+01	-2.44E-02	-6.13E+00
3.65E+01	-9.30E+01	7.75E+01	-2.44E-03	-6.12E+00
3.65E+01	-9.30E+01	7.75E+01	-9.77E-03	-6.12E+00
3.65E+01	-9.30E+01	7.76E+01	-3.30E-02	-6.12E+00
3.65E+01	-9.30E+01	7.75E+01	-2.20E-02	-6.12E+00
3.66E+01	-9.30E+01	7.71E+01	-2.20E-02	-6.13E+00
3.66E+01	-9.30E+01	7.75E+01	-1.46E-02	-6.10E+00
3.66E+01	-9.30E+01	7.76E+01	-6.10E-03	-6.11E+00
3.66E+01	-9.30E+01	7.78E+01	-2.08E-02	-6.10E+00
3.66E+01	-9.30E+01	7.74E+01	-3.05E-02	-6.11E+00
3.67E+01	-9.30E+01	7.74E+01	-1.95E-02	-6.12E+00
3.67E+01	-9.30E+01	7.74E+01	-1.95E-02	-6.11E+00
3.67E+01	-9.30E+01	7.77E+01	4.88E-03	-6.10E+00
3.67E+01	-9.30E+01	7.75E+01	-9.77E-03	-6.10E+00
3.67E+01	-9.30E+01	7.75E+01	-3.66E-02	-6.10E+00
3.68E+01	-9.30E+01	7.75E+01	-2.20E-02	-6.11E+00
3.68E+01	-9.30E+01	7.73E+01	1.22E-02	-6.10E+00
3.68E+01	-9.30E+01	7.75E+01	-4.88E-03	-6.08E+00
3.68E+01	-9.30E+01	7.76E+01	-2.69E-02	-6.09E+00
3.68E+01	-9.30E+01	7.76E+01	-2.93E-02	-6.10E+00
3.69E+01	-9.30E+01	7.75E+01	-1.22E-02	-6.09E+00
3.69E+01	-9.30E+01	7.74E+01	9.77E-03	-6.08E+00
3.69E+01	-9.30E+01	7.76E+01	-1.46E-02	-6.08E+00
3.69E+01	-9.30E+01	7.74E+01	-3.17E-02	-6.09E+00
3.69E+01	-9.30E+01	7.74E+01	-9.77E-03	-6.08E+00
3.70E+01	-9.30E+01	7.76E+01	-2.93E-02	-6.07E+00
3.70E+01	-9.30E+01	7.77E+01	-2.44E-02	-6.07E+00
3.70E+01	-9.30E+01	7.74E+01	-1.95E-02	-6.09E+00
3.70E+01	-9.30E+01	7.71E+01	-1.71E-02	-6.09E+00
3.70E+01	-9.30E+01	7.75E+01	-3.66E-03	-6.07E+00
3.71E+01	-9.30E+01	7.76E+01	2.69E-02	-6.07E+00
3.71E+01	-9.30E+01	7.76E+01	-2.44E-02	-6.07E+00
3.71E+01	-9.30E+01	7.75E+01	-2.93E-02	-6.07E+00
3.71E+01	-9.30E+01	7.73E+01	-1.95E-02	-6.08E+00
3.71E+01	-9.30E+01	7.74E+01	2.69E-02	-6.07E+00
3.72E+01	-9.30E+01	7.75E+01	-7.32E-03	-6.06E+00
3.72E+01	-9.30E+01	7.76E+01	-3.42E-02	-6.06E+00
3.72E+01	-9.30E+01	7.75E+01	-2.20E-02	-6.07E+00
3.72E+01	-9.30E+01	7.73E+01	-1.22E-02	-6.06E+00
3.72E+01	-9.30E+01	7.77E+01	-1.95E-02	-6.04E+00
3.73E+01	-9.30E+01	7.76E+01	-1.22E-02	-6.05E+00

3.73E+01	-9.30E+01	7.75E+01	-2.93E-02	-6.05E+00
3.73E+01	-9.30E+01	7.74E+01	-2.44E-03	-6.06E+00
3.73E+01	-9.30E+01	7.74E+01	4.88E-03	-6.06E+00
3.73E+01	-9.30E+01	7.77E+01	-1.46E-02	-6.04E+00
3.74E+01	-9.30E+01	7.78E+01	-1.59E-02	-6.05E+00
3.74E+01	-9.30E+01	7.74E+01	-3.05E-02	-6.05E+00
3.74E+01	-9.30E+01	7.74E+01	1.22E-02	-6.04E+00
3.74E+01	-9.30E+01	7.76E+01	-2.20E-02	-6.04E+00
3.74E+01	-9.30E+01	7.77E+01	-2.08E-02	-6.03E+00
3.75E+01	-9.30E+01	7.75E+01	-2.20E-02	-6.04E+00
3.75E+01	-9.30E+01	7.74E+01	-3.05E-02	-6.04E+00
3.75E+01	-9.30E+01	7.75E+01	-4.39E-02	-6.03E+00
3.75E+01	-9.30E+01	7.78E+01	-3.66E-03	-6.03E+00
3.75E+01	-9.30E+01	7.77E+01	-7.32E-03	-6.02E+00
3.76E+01	-9.30E+01	7.76E+01	-2.20E-02	-6.04E+00
3.76E+01	-9.30E+01	7.73E+01	-2.32E-02	-6.03E+00
3.76E+01	-9.30E+01	7.75E+01	9.77E-03	-6.03E+00
3.76E+01	-9.30E+01	7.77E+01	-1.22E-02	-6.02E+00
3.76E+01	-9.30E+01	7.76E+01	-3.17E-02	-6.02E+00
3.77E+01	-9.30E+01	7.75E+01	-2.20E-02	-6.03E+00
3.77E+01	-9.30E+01	7.74E+01	9.77E-03	-6.02E+00
3.77E+01	-9.30E+01	7.78E+01	3.66E-03	-6.01E+00
3.77E+01	-9.30E+01	7.77E+01	-1.10E-02	-6.01E+00
3.77E+01	-9.30E+01	7.77E+01	-3.66E-02	-6.01E+00
3.78E+01	-9.30E+01	7.75E+01	-2.08E-02	-6.02E+00
3.78E+01	-9.30E+01	7.72E+01	-3.66E-02	-6.01E+00
3.78E+01	-9.30E+01	7.75E+01	-7.32E-03	-6.01E+00
3.78E+01	-9.30E+01	7.74E+01	-7.32E-03	-6.00E+00
3.78E+01	-9.30E+01	7.77E+01	-3.66E-02	-6.00E+00
3.79E+01	-9.30E+01	7.76E+01	-1.22E-02	-6.00E+00
3.79E+01	-9.30E+01	7.75E+01	-9.77E-03	-6.01E+00
3.79E+01	-9.30E+01	7.75E+01	-6.10E-03	-5.99E+00
3.79E+01	-9.30E+01	7.77E+01	-9.77E-03	-5.99E+00
3.79E+01	-9.30E+01	7.77E+01	-2.44E-02	-5.99E+00
3.80E+01	-9.30E+01	7.75E+01	-2.81E-02	-6.00E+00
3.80E+01	-9.30E+01	7.74E+01	8.54E-03	-6.00E+00
3.80E+01	-9.30E+01	7.76E+01	-4.88E-03	-5.99E+00
3.80E+01	-9.30E+01	7.78E+01	-1.22E-02	-5.99E+00
3.80E+01	-9.30E+01	7.76E+01	-4.15E-02	-5.98E+00
3.81E+01	-9.30E+01	7.74E+01	-3.91E-02	-5.99E+00
3.81E+01	-9.30E+01	7.74E+01	-2.44E-03	-5.99E+00
3.81E+01	-9.30E+01	7.76E+01	-4.88E-03	-5.98E+00
3.81E+01	-9.30E+01	7.77E+01	-2.32E-02	-5.97E+00
3.81E+01	-9.30E+01	7.77E+01	-1.22E-03	-5.98E+00
3.82E+01	-9.30E+01	7.73E+01	-3.30E-02	-5.98E+00
3.82E+01	-9.30E+01	7.74E+01	-1.10E-02	-5.98E+00
3.82E+01	-9.30E+01	7.76E+01	2.44E-03	-5.98E+00

3.82E+01	-9.30E+01	7.77E+01	-4.39E-02	-5.95E+00
3.82E+01	-9.30E+01	7.73E+01	-3.05E-02	-5.98E+00
3.83E+01	-9.30E+01	7.72E+01	-1.95E-02	-5.98E+00
3.83E+01	-9.30E+01	7.76E+01	4.88E-03	-5.96E+00
3.83E+01	-9.30E+01	7.75E+01	-1.95E-02	-5.96E+00
3.83E+01	-9.30E+01	7.75E+01	-3.66E-02	-5.96E+00
3.83E+01	-9.30E+01	7.75E+01	-1.22E-02	-5.97E+00
3.84E+01	-9.30E+01	7.73E+01	-1.59E-02	-5.96E+00
3.84E+01	-9.30E+01	7.74E+01	0.00E+00	-5.97E+00
3.84E+01	-9.30E+01	7.76E+01	-1.71E-02	-5.95E+00
3.84E+01	-9.30E+01	7.75E+01	-2.81E-02	-5.95E+00
3.84E+01	-9.30E+01	7.74E+01	-2.44E-02	-5.96E+00
3.85E+01	-9.30E+01	7.74E+01	-1.22E-02	-5.94E+00
3.85E+01	-9.30E+01	7.76E+01	-2.32E-02	-5.95E+00
3.85E+01	-9.30E+01	7.74E+01	-7.32E-03	-5.95E+00
3.85E+01	-9.30E+01	7.73E+01	-5.62E-02	-5.95E+00
3.85E+01	-9.30E+01	7.75E+01	-2.32E-02	-5.95E+00
3.86E+01	-9.30E+01	7.73E+01	-1.46E-02	-5.95E+00
3.86E+01	-9.30E+01	7.74E+01	-1.46E-02	-5.94E+00
3.86E+01	-9.30E+01	7.79E+01	-7.32E-03	-5.94E+00
3.86E+01	-9.30E+01	7.74E+01	-3.54E-02	-5.94E+00
3.86E+01	-9.30E+01	7.71E+01	-2.69E-02	-5.94E+00
3.87E+01	-9.30E+01	7.72E+01	-1.95E-02	-5.94E+00
3.87E+01	-9.30E+01	7.75E+01	-9.77E-03	-5.93E+00
3.87E+01	-9.30E+01	7.81E+01	-4.88E-03	-5.93E+00
3.87E+01	-9.30E+01	7.74E+01	-2.69E-02	-5.93E+00
3.87E+01	-9.30E+01	7.70E+01	-2.69E-02	-5.95E+00
3.88E+01	-9.30E+01	7.70E+01	9.77E-03	-5.93E+00
3.88E+01	-9.30E+01	7.74E+01	-4.88E-03	-5.92E+00
3.88E+01	-9.30E+01	7.78E+01	-1.95E-02	-5.92E+00
3.88E+01	-9.30E+01	7.71E+01	-3.17E-02	-5.93E+00
3.88E+01	-9.30E+01	7.72E+01	-2.69E-02	-5.92E+00
3.89E+01	-9.30E+01	7.75E+01	7.32E-03	-5.92E+00
3.89E+01	-9.30E+01	7.79E+01	-2.44E-03	-5.91E+00
3.89E+01	-9.30E+01	7.75E+01	-1.95E-02	-5.90E+00
3.89E+01	-9.30E+01	7.71E+01	-2.81E-02	-5.92E+00
3.89E+01	-9.30E+01	7.72E+01	-1.71E-02	-5.93E+00
3.90E+01	-9.30E+01	7.72E+01	-1.22E-03	-5.91E+00
3.90E+01	-9.30E+01	7.74E+01	-2.93E-02	-5.90E+00
3.90E+01	-9.30E+01	7.74E+01	-2.69E-02	-5.91E+00
3.90E+01	-9.30E+01	7.73E+01	-2.44E-02	-5.92E+00
3.90E+01	-9.30E+01	7.74E+01	-4.88E-03	-5.90E+00
3.91E+01	-9.30E+01	7.71E+01	-1.22E-02	-5.90E+00
3.91E+01	-9.30E+01	7.75E+01	-2.44E-02	-5.90E+00
3.91E+01	-9.30E+01	7.75E+01	-2.81E-02	-5.90E+00
3.91E+01	-9.30E+01	7.73E+01	-3.17E-02	-5.91E+00
3.91E+01	-9.30E+01	7.76E+01	4.88E-03	-5.89E+00

3.92E+01	-9.30E+01	7.76E+01	-3.66E-03	-5.89E+00
3.92E+01	-9.30E+01	7.76E+01	-3.42E-02	-5.89E+00
3.92E+01	-9.30E+01	7.75E+01	-3.17E-02	-5.89E+00
3.92E+01	-9.30E+01	7.74E+01	-2.44E-03	-5.89E+00
3.92E+01	-9.30E+01	7.72E+01	-4.88E-03	-5.88E+00
3.93E+01	-9.30E+01	7.76E+01	-1.95E-02	-5.88E+00
3.93E+01	-9.30E+01	7.74E+01	-4.03E-02	-5.88E+00
3.93E+01	-9.30E+01	7.74E+01	1.46E-02	-5.88E+00
3.93E+01	-9.30E+01	7.77E+01	-1.22E-03	-5.88E+00
3.93E+01	-9.30E+01	7.75E+01	-2.32E-02	-5.87E+00
3.94E+01	-9.30E+01	7.72E+01	-2.20E-02	-5.88E+00
3.94E+01	-9.30E+01	7.74E+01	-4.88E-03	-5.88E+00
3.94E+01	-9.30E+01	7.73E+01	0.00E+00	-5.87E+00
3.94E+01	-9.30E+01	7.74E+01	-1.95E-02	-5.86E+00
3.94E+01	-9.30E+01	7.75E+01	-3.17E-02	-5.87E+00
3.95E+01	-9.30E+01	7.72E+01	-9.77E-03	-5.88E+00
3.95E+01	-9.30E+01	7.73E+01	-1.34E-02	-5.86E+00
3.95E+01	-9.30E+01	7.76E+01	-4.88E-03	-5.86E+00
3.95E+01	-9.30E+01	7.73E+01	-2.93E-02	-5.86E+00
3.95E+01	-9.30E+01	7.72E+01	-1.95E-02	-5.86E+00
3.96E+01	-9.30E+01	7.73E+01	2.69E-02	-5.87E+00
3.96E+01	-9.30E+01	7.76E+01	-1.22E-02	-5.85E+00
3.96E+01	-9.30E+01	7.76E+01	-1.71E-02	-5.85E+00
3.96E+01	-9.30E+01	7.76E+01	-3.91E-02	-5.86E+00
3.96E+01	-9.30E+01	7.73E+01	-1.46E-02	-5.86E+00
3.97E+01	-9.30E+01	7.74E+01	2.69E-02	-5.86E+00
3.97E+01	-9.30E+01	7.76E+01	-1.22E-02	-5.84E+00
3.97E+01	-9.30E+01	7.74E+01	-2.32E-02	-5.85E+00
3.97E+01	-9.30E+01	7.72E+01	-2.69E-02	-5.85E+00
3.97E+01	-9.30E+01	7.74E+01	3.54E-02	-5.86E+00
3.98E+01	-9.30E+01	7.75E+01	-7.32E-03	-5.84E+00
3.98E+01	-9.30E+01	7.75E+01	-2.08E-02	-5.83E+00
3.98E+01	-9.30E+01	7.75E+01	-2.44E-02	-5.84E+00
3.98E+01	-9.30E+01	7.72E+01	-2.44E-02	-5.85E+00
3.98E+01	-9.30E+01	7.74E+01	-3.30E-02	-5.84E+00
3.99E+01	-9.30E+01	7.74E+01	7.32E-03	-5.83E+00
3.99E+01	-9.30E+01	7.75E+01	-2.93E-02	-5.82E+00
3.99E+01	-9.30E+01	7.74E+01	-2.69E-02	-5.82E+00
3.99E+01	-9.30E+01	7.72E+01	-1.34E-02	-5.84E+00
3.99E+01	-9.30E+01	7.71E+01	-1.46E-02	-5.82E+00
4.00E+01	-9.30E+01	7.75E+01	-4.88E-03	-5.82E+00
4.00E+01	-9.30E+01	7.75E+01	-3.17E-02	-5.81E+00
4.00E+01	-9.30E+01	7.73E+01	-2.44E-02	-5.83E+00
4.00E+01	-9.30E+01	7.72E+01	-1.46E-02	-5.82E+00
4.00E+01	-9.30E+01	7.77E+01	4.88E-03	-5.81E+00
4.01E+01	-9.30E+01	7.76E+01	-1.46E-02	-5.81E+00
4.01E+01	-9.30E+01	7.73E+01	-3.42E-02	-5.80E+00

4.01E+01	-9.30E+01	7.71E+01	-1.22E-02	-5.82E+00
4.01E+01	-9.30E+01	7.72E+01	-1.22E-03	-5.81E+00
4.01E+01	-9.30E+01	7.75E+01	-9.77E-03	-5.80E+00
4.02E+01	-9.30E+01	7.76E+01	-1.95E-02	-5.81E+00
4.02E+01	-9.30E+01	7.73E+01	-4.39E-02	-5.81E+00
4.02E+01	-9.30E+01	7.72E+01	-2.93E-02	-5.81E+00
4.02E+01	-9.30E+01	7.73E+01	2.44E-03	-5.81E+00
4.02E+01	-9.30E+01	7.74E+01	-7.32E-03	-5.80E+00
4.03E+01	-9.30E+01	7.77E+01	-2.44E-02	-5.79E+00
4.03E+01	-9.30E+01	7.74E+01	-4.88E-02	-5.80E+00
4.03E+01	-9.30E+01	7.74E+01	-2.56E-02	-5.80E+00
4.03E+01	-9.30E+01	7.72E+01	-4.88E-03	-5.80E+00
4.03E+01	-9.30E+01	7.71E+01	-9.77E-03	-5.80E+00
4.04E+01	-9.30E+01	7.74E+01	1.22E-02	-5.79E+00
4.04E+01	-9.30E+01	7.76E+01	-8.54E-03	-5.79E+00
4.04E+01	-9.30E+01	7.73E+01	-2.93E-02	-5.79E+00
4.04E+01	-9.30E+01	7.71E+01	-3.42E-02	-5.79E+00
4.04E+01	-9.30E+01	7.72E+01	-9.77E-03	-5.79E+00
4.05E+01	-9.30E+01	7.74E+01	-4.64E-02	-5.78E+00
4.05E+01	-9.30E+01	7.74E+01	6.10E-03	-5.77E+00
4.05E+01	-9.30E+01	7.72E+01	-1.95E-02	-5.78E+00
4.05E+01	-9.30E+01	7.74E+01	-3.66E-02	-5.78E+00
4.05E+01	-9.30E+01	7.73E+01	0.00E+00	-5.78E+00
4.06E+01	-9.30E+01	7.72E+01	-1.22E-02	-5.78E+00
4.06E+01	-9.30E+01	7.73E+01	-8.54E-03	-5.76E+00
4.06E+01	-9.30E+01	7.72E+01	-1.71E-02	-5.77E+00
4.06E+01	-9.30E+01	7.74E+01	-4.15E-02	-5.77E+00
4.06E+01	-9.30E+01	7.73E+01	-3.17E-02	-5.77E+00
4.07E+01	-9.30E+01	7.71E+01	2.44E-03	-5.77E+00
4.07E+01	-9.30E+01	7.74E+01	-7.32E-03	-5.75E+00
4.07E+01	-9.30E+01	7.74E+01	-1.71E-02	-5.76E+00
4.07E+01	-9.30E+01	7.73E+01	-2.20E-02	-5.77E+00
4.07E+01	-9.30E+01	7.70E+01	-3.42E-02	-5.77E+00
4.08E+01	-9.30E+01	7.71E+01	1.22E-03	-5.76E+00
4.08E+01	-9.30E+01	7.75E+01	-1.71E-02	-5.75E+00
4.08E+01	-9.30E+01	7.74E+01	-3.05E-02	-5.75E+00
4.08E+01	-9.30E+01	7.70E+01	-2.20E-02	-5.76E+00
4.08E+01	-9.30E+01	7.68E+01	-1.46E-02	-5.75E+00
4.09E+01	-9.30E+01	7.71E+01	-2.44E-03	-5.74E+00
4.09E+01	-9.30E+01	7.73E+01	-1.95E-02	-5.74E+00
4.09E+01	-9.30E+01	7.72E+01	-3.66E-02	-5.75E+00
4.09E+01	-9.30E+01	7.71E+01	-3.42E-02	-5.75E+00
4.09E+01	-9.30E+01	7.72E+01	-7.32E-03	-5.74E+00
4.10E+01	-9.30E+01	7.74E+01	-6.10E-03	-5.74E+00
4.10E+01	-9.30E+01	7.73E+01	-4.88E-02	-5.74E+00
4.10E+01	-9.30E+01	7.72E+01	-9.77E-03	-5.75E+00
4.10E+01	-9.30E+01	7.71E+01	-2.44E-03	-5.73E+00

4.10E+01	-9.30E+01	7.74E+01	-1.22E-02	-5.73E+00
4.11E+01	-9.30E+01	7.72E+01	-2.69E-02	-5.72E+00
4.11E+01	-9.30E+01	7.70E+01	-3.42E-02	-5.73E+00
4.11E+01	-9.30E+01	7.72E+01	1.46E-02	-5.73E+00
4.11E+01	-9.30E+01	7.72E+01	-1.22E-02	-5.72E+00
4.11E+01	-9.30E+01	7.71E+01	-2.44E-02	-5.74E+00
4.12E+01	-9.30E+01	7.70E+01	-3.42E-02	-5.73E+00
4.12E+01	-9.30E+01	7.71E+01	-9.77E-03	-5.72E+00
4.12E+01	-9.30E+01	7.72E+01	1.95E-02	-5.72E+00
4.12E+01	-9.30E+01	7.72E+01	-3.42E-02	-5.72E+00
4.12E+01	-9.30E+01	7.71E+01	-9.77E-03	-5.73E+00
4.13E+01	-9.30E+01	7.70E+01	9.77E-03	-5.72E+00
4.13E+01	-9.30E+01	7.71E+01	0.00E+00	-5.71E+00
4.13E+01	-9.30E+01	7.70E+01	-2.20E-02	-5.71E+00
4.13E+01	-9.30E+01	7.71E+01	-3.54E-02	-5.71E+00
4.13E+01	-9.30E+01	7.70E+01	-4.88E-02	-5.72E+00
4.14E+01	-9.30E+01	7.71E+01	-9.77E-03	-5.71E+00
4.14E+01	-9.30E+01	7.72E+01	-8.54E-03	-5.70E+00
4.14E+01	-9.30E+01	7.71E+01	-2.20E-02	-5.71E+00
4.14E+01	-9.30E+01	7.70E+01	-3.42E-02	-5.71E+00
4.14E+01	-9.30E+01	7.70E+01	-4.88E-03	-5.70E+00
4.15E+01	-9.30E+01	7.71E+01	1.22E-03	-5.70E+00
4.15E+01	-9.30E+01	7.70E+01	-1.22E-02	-5.69E+00
4.15E+01	-9.30E+01	7.70E+01	-3.17E-02	-5.70E+00
4.15E+01	-9.30E+01	7.70E+01	-4.76E-02	-5.69E+00
4.15E+01	-9.30E+01	7.68E+01	-2.44E-03	-5.69E+00
4.16E+01	-9.30E+01	7.69E+01	-1.22E-02	-5.69E+00
4.16E+01	-9.30E+01	7.73E+01	-2.44E-02	-5.69E+00
4.16E+01	-9.30E+01	7.69E+01	-2.93E-02	-5.69E+00
4.16E+01	-9.30E+01	7.71E+01	1.10E-02	-5.70E+00
4.16E+01	-9.30E+01	7.70E+01	6.10E-03	-5.69E+00
4.17E+01	-9.30E+01	7.72E+01	-1.59E-02	-5.67E+00
4.17E+01	-9.30E+01	7.72E+01	-2.93E-02	-5.68E+00
4.17E+01	-9.30E+01	7.69E+01	-2.44E-02	-5.68E+00
4.17E+01	-9.30E+01	7.73E+01	0.00E+00	-5.67E+00
4.17E+01	-9.30E+01	7.69E+01	-1.22E-02	-5.67E+00
4.18E+01	-9.30E+01	7.70E+01	-3.17E-02	-5.68E+00
4.18E+01	-9.30E+01	7.70E+01	-3.91E-02	-5.67E+00
4.18E+01	-9.30E+01	7.67E+01	-9.77E-03	-5.67E+00
4.18E+01	-9.30E+01	7.70E+01	0.00E+00	-5.67E+00
4.18E+01	-9.30E+01	7.70E+01	-7.32E-03	-5.66E+00
4.19E+01	-9.30E+01	7.72E+01	-1.22E-02	-5.65E+00
4.19E+01	-9.30E+01	7.70E+01	-3.66E-02	-5.66E+00
4.19E+01	-9.30E+01	7.74E+01	-2.93E-02	-5.67E+00
4.19E+01	-9.30E+01	7.68E+01	-1.46E-02	-5.67E+00
4.19E+01	-9.30E+01	7.70E+01	-9.77E-03	-5.67E+00
4.20E+01	-9.30E+01	7.72E+01	-1.95E-02	-5.65E+00

4.20E+01	-9.30E+01	7.72E+01	-2.44E-02	-5.65E+00
4.20E+01	-9.30E+01	7.71E+01	-2.93E-02	-5.66E+00
4.20E+01	-9.30E+01	7.69E+01	-9.77E-03	-5.66E+00
4.20E+01	-9.30E+01	7.70E+01	-9.77E-03	-5.66E+00
4.21E+01	-9.30E+01	7.70E+01	1.22E-02	-5.64E+00
4.21E+01	-9.30E+01	7.71E+01	-2.32E-02	-5.65E+00
4.21E+01	-9.30E+01	7.70E+01	-2.20E-02	-5.65E+00
4.21E+01	-9.30E+01	7.69E+01	0.00E+00	-5.65E+00
4.21E+01	-9.30E+01	7.71E+01	-4.88E-03	-5.63E+00
4.22E+01	-9.30E+01	7.73E+01	-1.71E-02	-5.64E+00
4.22E+01	-9.30E+01	7.66E+01	-4.64E-02	-5.64E+00
4.22E+01	-9.30E+01	7.70E+01	-2.69E-02	-5.64E+00
4.22E+01	-9.30E+01	7.70E+01	7.32E-03	-5.64E+00
4.22E+01	-9.30E+01	7.71E+01	-2.44E-03	-5.62E+00
4.23E+01	-9.30E+01	7.69E+01	-2.20E-02	-5.63E+00
4.23E+01	-9.30E+01	7.66E+01	-2.20E-02	-5.64E+00
4.23E+01	-9.30E+01	7.72E+01	-9.77E-03	-5.63E+00
4.23E+01	-9.30E+01	7.73E+01	9.77E-03	-5.63E+00
4.23E+01	-9.30E+01	7.70E+01	-3.42E-02	-5.62E+00
4.24E+01	-9.30E+01	7.71E+01	-2.44E-02	-5.62E+00
4.24E+01	-9.30E+01	7.70E+01	-1.95E-02	-5.63E+00
4.24E+01	-9.30E+01	7.72E+01	1.22E-03	-5.62E+00
4.24E+01	-9.30E+01	7.72E+01	-1.71E-02	-5.61E+00
4.24E+01	-9.30E+01	7.69E+01	-3.66E-02	-5.61E+00
4.25E+01	-9.30E+01	7.70E+01	-2.81E-02	-5.61E+00
4.25E+01	-9.30E+01	7.70E+01	-1.46E-02	-5.61E+00
4.25E+01	-9.30E+01	7.72E+01	-1.46E-02	-5.61E+00
4.25E+01	-9.30E+01	7.72E+01	-2.93E-02	-5.60E+00
4.25E+01	-9.30E+01	7.71E+01	-3.42E-02	-5.61E+00
4.26E+01	-9.30E+01	7.71E+01	-1.34E-02	-5.60E+00
4.26E+01	-9.30E+01	7.70E+01	2.44E-03	-5.61E+00
4.26E+01	-9.30E+01	7.71E+01	-1.22E-02	-5.59E+00
4.26E+01	-9.30E+01	7.74E+01	-7.32E-03	-5.60E+00
4.26E+01	-9.30E+01	7.69E+01	-2.44E-02	-5.60E+00
4.27E+01	-9.30E+01	7.72E+01	-1.59E-02	-5.60E+00
4.27E+01	-9.30E+01	7.73E+01	-3.91E-02	-5.59E+00
4.27E+01	-9.30E+01	7.72E+01	-2.69E-02	-5.59E+00
4.27E+01	-9.30E+01	7.67E+01	-2.44E-02	-5.60E+00
4.27E+01	-9.30E+01	7.71E+01	-1.95E-02	-5.59E+00
4.28E+01	-9.30E+01	7.72E+01	1.46E-02	-5.59E+00
4.28E+01	-9.30E+01	7.72E+01	-1.22E-02	-5.58E+00
4.28E+01	-9.30E+01	7.72E+01	-2.69E-02	-5.58E+00
4.28E+01	-9.30E+01	7.72E+01	-2.20E-02	-5.59E+00
4.28E+01	-9.30E+01	7.70E+01	-2.08E-02	-5.58E+00
4.29E+01	-9.30E+01	7.71E+01	-2.69E-02	-5.57E+00
4.29E+01	-9.30E+01	7.69E+01	-3.42E-02	-5.58E+00
4.29E+01	-9.30E+01	7.71E+01	-3.17E-02	-5.59E+00

4.29E+01	-9.30E+01	7.69E+01	-9.77E-03	-5.57E+00
4.29E+01	-9.30E+01	7.72E+01	-9.77E-03	-5.56E+00
4.30E+01	-9.30E+01	7.70E+01	-1.46E-02	-5.57E+00
4.30E+01	-9.30E+01	7.72E+01	-3.66E-02	-5.57E+00
4.30E+01	-9.30E+01	7.72E+01	-2.32E-02	-5.58E+00
4.30E+01	-9.30E+01	7.72E+01	-3.66E-03	-5.57E+00
4.30E+01	-9.30E+01	7.72E+01	2.20E-02	-5.57E+00
4.31E+01	-9.30E+01	7.73E+01	-2.20E-02	-5.56E+00
4.31E+01	-9.30E+01	7.73E+01	-3.17E-02	-5.57E+00
4.31E+01	-9.30E+01	7.72E+01	-2.93E-02	-5.56E+00
4.31E+01	-9.30E+01	7.70E+01	-1.83E-02	-5.56E+00
4.31E+01	-9.30E+01	7.72E+01	-1.22E-02	-5.55E+00
4.32E+01	-9.30E+01	7.75E+01	-2.20E-02	-5.55E+00
4.32E+01	-9.30E+01	7.70E+01	-2.69E-02	-5.57E+00
4.32E+01	-9.30E+01	7.71E+01	-8.54E-03	-5.56E+00
4.32E+01	-9.30E+01	7.71E+01	3.66E-02	-5.55E+00
4.32E+01	-9.30E+01	7.73E+01	-1.22E-02	-5.54E+00
4.33E+01	-9.30E+01	7.76E+01	-2.08E-02	-5.54E+00
4.33E+01	-9.30E+01	7.70E+01	-2.69E-02	-5.55E+00
4.33E+01	-9.30E+01	7.71E+01	-3.66E-02	-5.55E+00
4.33E+01	-9.30E+01	7.75E+01	-1.22E-03	-5.54E+00
4.33E+01	-9.30E+01	7.75E+01	-1.22E-02	-5.54E+00
4.34E+01	-9.30E+01	7.74E+01	-2.08E-02	-5.52E+00
4.34E+01	-9.30E+01	7.72E+01	-2.08E-02	-5.54E+00
4.34E+01	-9.30E+01	7.70E+01	-2.44E-02	-5.54E+00
4.34E+01	-9.30E+01	7.75E+01	4.88E-03	-5.53E+00
4.34E+01	-9.30E+01	7.73E+01	-4.88E-03	-5.52E+00
4.35E+01	-9.30E+01	7.74E+01	-3.66E-02	-5.54E+00
4.35E+01	-9.30E+01	7.73E+01	-3.54E-02	-5.53E+00
4.35E+01	-9.30E+01	7.70E+01	-2.93E-02	-5.54E+00
4.35E+01	-9.30E+01	7.71E+01	-9.77E-03	-5.52E+00
4.35E+01	-9.30E+01	7.73E+01	-2.44E-03	-5.53E+00
4.36E+01	-9.30E+01	7.74E+01	-2.20E-02	-5.52E+00
4.36E+01	-9.30E+01	7.72E+01	-3.91E-02	-5.52E+00
4.36E+01	-9.30E+01	7.72E+01	-1.22E-03	-5.52E+00
4.36E+01	-9.30E+01	7.72E+01	-8.54E-03	-5.52E+00
4.36E+01	-9.30E+01	7.75E+01	-4.88E-03	-5.50E+00
4.37E+01	-9.30E+01	7.73E+01	-1.95E-02	-5.51E+00
4.37E+01	-9.30E+01	7.76E+01	-7.32E-03	-5.51E+00
4.37E+01	-9.30E+01	7.70E+01	-1.46E-02	-5.52E+00
4.37E+01	-9.30E+01	7.71E+01	-9.77E-03	-5.51E+00
4.37E+01	-9.30E+01	7.75E+01	2.44E-03	-5.50E+00
4.38E+01	-9.30E+01	7.75E+01	-1.46E-02	-5.50E+00
4.38E+01	-9.30E+01	7.73E+01	-3.42E-02	-5.50E+00
4.38E+01	-9.30E+01	7.71E+01	-2.44E-02	-5.50E+00
4.38E+01	-9.30E+01	7.71E+01	-3.17E-02	-5.51E+00
4.38E+01	-9.30E+01	7.72E+01	-2.69E-02	-5.48E+00

4.39E+01	-9.30E+01	7.74E+01	4.88E-03	-5.49E+00
4.39E+01	-9.30E+01	7.72E+01	-2.44E-02	-5.49E+00
4.39E+01	-9.30E+01	7.73E+01	-3.30E-02	-5.48E+00
4.39E+01	-9.30E+01	7.73E+01	-1.95E-02	-5.50E+00
4.39E+01	-9.30E+01	7.71E+01	-2.08E-02	-5.49E+00
4.40E+01	-9.30E+01	7.73E+01	-7.32E-03	-5.48E+00
4.40E+01	-9.30E+01	7.74E+01	-9.77E-03	-5.47E+00
4.40E+01	-9.30E+01	7.75E+01	-4.15E-02	-5.49E+00
4.40E+01	-9.30E+01	7.73E+01	-2.08E-02	-5.49E+00
4.40E+01	-9.30E+01	7.70E+01	0.00E+00	-5.49E+00
4.41E+01	-9.30E+01	7.75E+01	-2.44E-03	-5.48E+00
4.41E+01	-9.30E+01	7.76E+01	2.44E-03	-5.47E+00
4.41E+01	-9.30E+01	7.74E+01	-1.59E-02	-5.47E+00
4.41E+01	-9.30E+01	7.74E+01	-2.20E-02	-5.48E+00
4.41E+01	-9.30E+01	7.75E+01	-1.22E-02	-5.48E+00
4.42E+01	-9.30E+01	7.72E+01	-1.10E-02	-5.48E+00
4.42E+01	-9.30E+01	7.72E+01	-2.08E-02	-5.47E+00
4.42E+01	-9.30E+01	7.72E+01	4.88E-03	-5.46E+00
4.42E+01	-9.30E+01	7.75E+01	-2.69E-02	-5.46E+00
4.42E+01	-9.30E+01	7.74E+01	-3.30E-02	-5.48E+00
4.43E+01	-9.30E+01	7.72E+01	-2.69E-02	-5.47E+00
4.43E+01	-9.30E+01	7.72E+01	-1.22E-02	-5.47E+00
4.43E+01	-9.30E+01	7.72E+01	1.71E-02	-5.46E+00
4.43E+01	-9.30E+01	7.74E+01	-1.22E-02	-5.45E+00
4.43E+01	-9.30E+01	7.75E+01	-3.66E-02	-5.46E+00
4.44E+01	-9.30E+01	7.74E+01	-4.15E-02	-5.46E+00
4.44E+01	-9.30E+01	7.72E+01	-2.20E-02	-5.46E+00
4.44E+01	-9.30E+01	7.75E+01	-8.54E-03	-5.45E+00
4.44E+01	-9.30E+01	7.74E+01	1.22E-03	-5.45E+00
4.44E+01	-9.30E+01	7.75E+01	-1.83E-02	-5.44E+00
4.45E+01	-9.30E+01	7.74E+01	-3.54E-02	-5.44E+00
4.45E+01	-9.30E+01	7.74E+01	-2.44E-02	-5.45E+00
4.45E+01	-9.30E+01	7.71E+01	-1.10E-02	-5.44E+00
4.45E+01	-9.30E+01	7.75E+01	0.00E+00	-5.44E+00
4.45E+01	-9.30E+01	7.74E+01	-3.91E-02	-5.43E+00
4.46E+01	-9.30E+01	7.74E+01	-2.69E-02	-5.43E+00
4.46E+01	-9.30E+01	7.76E+01	-2.44E-02	-5.44E+00
4.46E+01	-9.30E+01	7.72E+01	-1.95E-02	-5.43E+00
4.46E+01	-9.30E+01	7.73E+01	-1.59E-02	-5.42E+00
4.46E+01	-9.30E+01	7.71E+01	-2.44E-03	-5.43E+00
4.47E+01	-9.30E+01	7.75E+01	-3.66E-02	-5.42E+00
4.47E+01	-9.30E+01	7.74E+01	-2.93E-02	-5.44E+00
4.47E+01	-9.30E+01	7.72E+01	-4.15E-02	-5.43E+00
4.47E+01	-9.30E+01	7.71E+01	-1.46E-02	-5.42E+00
4.47E+01	-9.30E+01	7.76E+01	-2.20E-02	-5.42E+00
4.48E+01	-9.30E+01	7.76E+01	-2.93E-02	-5.41E+00
4.48E+01	-9.30E+01	7.74E+01	-3.42E-02	-5.42E+00

4.48E+01	-9.30E+01	7.72E+01	-3.42E-02	-5.42E+00
4.48E+01	-9.30E+01	7.72E+01	-1.22E-02	-5.42E+00
4.48E+01	-9.30E+01	7.75E+01	-4.88E-03	-5.40E+00
4.49E+01	-9.30E+01	7.75E+01	-1.71E-02	-5.41E+00
4.49E+01	-9.30E+01	7.75E+01	-4.15E-02	-5.40E+00
4.49E+01	-9.30E+01	7.73E+01	-9.77E-03	-5.41E+00
4.49E+01	-9.30E+01	7.72E+01	-1.22E-02	-5.41E+00
4.49E+01	-9.30E+01	7.74E+01	-9.77E-03	-5.40E+00
4.50E+01	-9.30E+01	7.76E+01	-1.34E-02	-5.39E+00
4.50E+01	-9.30E+01	7.74E+01	-3.54E-02	-5.40E+00
4.50E+01	-9.30E+01	7.76E+01	-3.66E-02	-5.40E+00
4.50E+01	-9.30E+01	7.73E+01	-1.71E-02	-5.41E+00
4.50E+01	-9.30E+01	7.72E+01	-2.20E-02	-5.40E+00
4.51E+01	-9.30E+01	7.75E+01	-3.17E-02	-5.38E+00
4.51E+01	-9.30E+01	7.75E+01	-4.88E-03	-5.39E+00
4.51E+01	-9.30E+01	7.79E+01	-3.42E-02	-5.39E+00
4.51E+01	-9.30E+01	7.73E+01	-3.78E-02	-5.39E+00
4.51E+01	-9.30E+01	7.71E+01	-3.66E-03	-5.41E+00
4.52E+01	-9.30E+01	7.72E+01	-1.71E-02	-5.38E+00
4.52E+01	-9.30E+01	7.75E+01	-7.32E-03	-5.38E+00
4.52E+01	-9.30E+01	7.74E+01	-3.54E-02	-5.39E+00
4.52E+01	-9.30E+01	7.73E+01	-3.05E-02	-5.39E+00
4.52E+01	-9.30E+01	7.72E+01	-4.88E-03	-5.39E+00
4.53E+01	-9.30E+01	7.74E+01	-4.88E-03	-5.37E+00
4.53E+01	-9.30E+01	7.75E+01	-1.46E-02	-5.38E+00
4.53E+01	-9.30E+01	7.73E+01	-2.44E-02	-5.38E+00
4.53E+01	-9.30E+01	7.74E+01	-1.46E-02	-5.38E+00
4.53E+01	-9.30E+01	7.75E+01	6.10E-03	-5.38E+00
4.54E+01	-9.30E+01	7.72E+01	-9.77E-03	-5.37E+00
4.54E+01	-9.30E+01	7.75E+01	-1.22E-02	-5.36E+00
4.54E+01	-9.30E+01	7.74E+01	-2.32E-02	-5.38E+00
4.54E+01	-9.30E+01	7.73E+01	-3.42E-02	-5.37E+00
4.54E+01	-9.30E+01	7.73E+01	4.88E-03	-5.37E+00
4.55E+01	-9.30E+01	7.75E+01	-1.22E-02	-5.36E+00
4.55E+01	-9.30E+01	7.75E+01	-2.69E-02	-5.35E+00
4.55E+01	-9.30E+01	7.73E+01	-2.44E-03	-5.36E+00
4.55E+01	-9.30E+01	7.73E+01	-9.77E-03	-5.36E+00
4.55E+01	-9.30E+01	7.73E+01	-2.44E-03	-5.35E+00
4.56E+01	-9.30E+01	7.74E+01	-2.93E-02	-5.36E+00
4.56E+01	-9.30E+01	7.75E+01	-2.20E-02	-5.35E+00
4.56E+01	-9.30E+01	7.74E+01	-9.77E-03	-5.36E+00
4.56E+01	-9.30E+01	7.73E+01	-9.77E-03	-5.35E+00
4.56E+01	-9.30E+01	7.74E+01	0.00E+00	-5.33E+00
4.57E+01	-9.30E+01	7.76E+01	-3.66E-03	-5.34E+00
4.57E+01	-9.30E+01	7.75E+01	-2.69E-02	-5.35E+00
4.57E+01	-9.30E+01	7.73E+01	-2.32E-02	-5.35E+00
4.57E+01	-9.30E+01	7.74E+01	-4.88E-03	-5.33E+00

4.57E+01	-9.30E+01	7.76E+01	0.00E+00	-5.34E+00
4.58E+01	-9.30E+01	7.70E+01	-4.64E-02	-5.33E+00
4.58E+01	-9.30E+01	7.70E+01	-3.91E-02	-5.34E+00
4.58E+01	-9.30E+01	7.71E+01	-7.32E-03	-5.34E+00
4.58E+01	-9.30E+01	7.75E+01	-2.44E-03	-5.33E+00
4.58E+01	-9.30E+01	7.77E+01	-2.56E-02	-5.32E+00
4.59E+01	-9.30E+01	7.73E+01	-3.66E-02	-5.33E+00
4.59E+01	-9.30E+01	7.74E+01	-2.44E-02	-5.33E+00
4.59E+01	-9.30E+01	7.74E+01	2.44E-03	-5.32E+00
4.59E+01	-9.30E+01	7.74E+01	-9.77E-03	-5.32E+00
4.59E+01	-9.30E+01	7.74E+01	2.20E-02	-5.32E+00
4.60E+01	-9.30E+01	7.72E+01	-2.08E-02	-5.32E+00
4.60E+01	-9.30E+01	7.73E+01	-3.42E-02	-5.32E+00
4.60E+01	-9.30E+01	7.74E+01	-9.77E-03	-5.31E+00
4.60E+01	-9.30E+01	7.73E+01	-2.44E-03	-5.31E+00
4.60E+01	-9.30E+01	7.74E+01	-1.22E-02	-5.30E+00
4.61E+01	-9.30E+01	7.74E+01	-2.44E-02	-5.31E+00
4.61E+01	-9.30E+01	7.72E+01	-3.54E-02	-5.30E+00
4.61E+01	-9.30E+01	7.74E+01	-1.46E-02	-5.31E+00
4.61E+01	-9.30E+01	7.73E+01	-7.32E-03	-5.30E+00
4.61E+01	-9.30E+01	7.78E+01	-4.88E-03	-5.30E+00
4.62E+01	-9.30E+01	7.74E+01	-2.08E-02	-5.30E+00
4.62E+01	-9.30E+01	7.73E+01	-3.91E-02	-5.32E+00
4.62E+01	-9.30E+01	7.74E+01	1.95E-02	-5.30E+00
4.62E+01	-9.30E+01	7.73E+01	-2.44E-02	-5.29E+00
4.62E+01	-9.30E+01	7.77E+01	-1.95E-02	-5.29E+00
4.63E+01	-9.30E+01	7.75E+01	-2.69E-02	-5.30E+00
4.63E+01	-9.30E+01	7.72E+01	-1.71E-02	-5.31E+00
4.63E+01	-9.30E+01	7.73E+01	-2.32E-02	-5.30E+00
4.63E+01	-9.30E+01	7.72E+01	7.32E-03	-5.29E+00
4.63E+01	-9.30E+01	7.73E+01	-1.83E-02	-5.29E+00
4.64E+01	-9.30E+01	7.75E+01	-2.20E-02	-5.28E+00
4.64E+01	-9.30E+01	7.75E+01	-2.32E-02	-5.29E+00
4.64E+01	-9.30E+01	7.74E+01	-1.95E-02	-5.29E+00
4.64E+01	-9.30E+01	7.72E+01	-1.34E-02	-5.28E+00
4.64E+01	-9.30E+01	7.74E+01	-2.44E-03	-5.29E+00
4.65E+01	-9.30E+01	7.73E+01	-2.44E-02	-5.27E+00
4.65E+01	-9.30E+01	7.78E+01	0.00E+00	-5.27E+00
4.65E+01	-9.30E+01	7.73E+01	-3.05E-02	-5.28E+00
4.65E+01	-9.30E+01	7.72E+01	-2.20E-02	-5.28E+00
4.65E+01	-9.30E+01	7.73E+01	2.08E-02	-5.27E+00
4.66E+01	-9.30E+01	7.74E+01	-2.20E-02	-5.26E+00
4.66E+01	-9.30E+01	7.76E+01	-2.20E-02	-5.26E+00
4.66E+01	-9.30E+01	7.75E+01	-2.69E-02	-5.27E+00
4.66E+01	-9.30E+01	7.72E+01	-1.83E-02	-5.27E+00
4.66E+01	-9.30E+01	7.73E+01	-2.56E-02	-5.26E+00
4.67E+01	-9.30E+01	7.74E+01	-6.10E-03	-5.26E+00

4.67E+01	-9.30E+01	7.74E+01	-2.69E-02	-5.25E+00
4.67E+01	-9.30E+01	7.73E+01	-3.17E-02	-5.27E+00
4.67E+01	-9.30E+01	7.70E+01	-1.34E-02	-5.26E+00
4.67E+01	-9.30E+01	7.77E+01	8.54E-03	-5.25E+00
4.68E+01	-9.30E+01	7.74E+01	-1.46E-02	-5.25E+00
4.68E+01	-9.30E+01	7.75E+01	-3.91E-02	-5.25E+00
4.68E+01	-9.30E+01	7.73E+01	-1.22E-02	-5.25E+00
4.68E+01	-9.30E+01	7.70E+01	-1.95E-02	-5.25E+00
4.68E+01	-9.30E+01	7.73E+01	-2.56E-02	-5.24E+00
4.69E+01	-9.30E+01	7.75E+01	-1.22E-02	-5.23E+00
4.69E+01	-9.30E+01	7.74E+01	-2.93E-02	-5.23E+00
4.69E+01	-9.30E+01	7.73E+01	-2.81E-02	-5.24E+00
4.69E+01	-9.30E+01	7.72E+01	0.00E+00	-5.24E+00
4.69E+01	-9.30E+01	7.75E+01	-9.77E-03	-5.23E+00
4.70E+01	-9.30E+01	7.74E+01	-2.08E-02	-5.23E+00
4.70E+01	-9.30E+01	7.74E+01	-2.20E-02	-5.24E+00
4.70E+01	-9.30E+01	7.74E+01	-9.77E-03	-5.24E+00
4.70E+01	-9.30E+01	7.72E+01	-9.77E-03	-5.24E+00
4.70E+01	-9.30E+01	7.74E+01	-8.54E-03	-5.21E+00
4.71E+01	-9.30E+01	7.74E+01	-4.88E-03	-5.23E+00
4.71E+01	-9.30E+01	7.73E+01	-3.17E-02	-5.22E+00
4.71E+01	-9.30E+01	7.71E+01	-3.91E-02	-5.23E+00
4.71E+01	-9.30E+01	7.70E+01	-4.88E-03	-5.23E+00
4.71E+01	-9.30E+01	7.73E+01	0.00E+00	-5.20E+00
4.72E+01	-9.30E+01	7.76E+01	0.00E+00	-5.21E+00
4.72E+01	-9.30E+01	7.73E+01	-1.34E-02	-5.22E+00
4.72E+01	-9.30E+01	7.71E+01	-3.42E-02	-5.22E+00
4.72E+01	-9.30E+01	7.71E+01	3.66E-03	-5.22E+00
4.72E+01	-9.30E+01	7.73E+01	-5.37E-02	-5.20E+00
4.73E+01	-9.30E+01	7.75E+01	-2.32E-02	-5.20E+00
4.73E+01	-9.30E+01	7.73E+01	-2.69E-02	-5.21E+00
4.73E+01	-9.30E+01	7.69E+01	-2.32E-02	-5.22E+00
4.73E+01	-9.30E+01	7.71E+01	-2.44E-03	-5.21E+00
4.73E+01	-9.30E+01	7.75E+01	-6.10E-03	-5.20E+00
4.74E+01	-9.30E+01	7.71E+01	-3.17E-02	-5.19E+00
4.74E+01	-9.30E+01	7.71E+01	-2.56E-02	-5.21E+00
4.74E+01	-9.30E+01	7.71E+01	-9.77E-03	-5.19E+00
4.74E+01	-9.30E+01	7.71E+01	2.93E-02	-5.20E+00
4.74E+01	-9.30E+01	7.73E+01	1.22E-02	-5.19E+00
4.75E+01	-9.30E+01	7.73E+01	-2.81E-02	-5.18E+00
4.75E+01	-9.30E+01	7.72E+01	-2.20E-02	-5.20E+00
4.75E+01	-9.30E+01	7.70E+01	-4.15E-02	-5.20E+00
4.75E+01	-9.30E+01	7.73E+01	-1.46E-02	-5.19E+00
4.75E+01	-9.30E+01	7.71E+01	0.00E+00	-5.19E+00
4.76E+01	-9.30E+01	7.71E+01	-2.44E-02	-5.18E+00
4.76E+01	-9.30E+01	7.72E+01	-2.20E-02	-5.19E+00
4.76E+01	-9.30E+01	7.70E+01	-8.54E-03	-5.19E+00

4.76E+01	-9.30E+01	7.72E+01	-1.22E-02	-5.18E+00
4.76E+01	-9.30E+01	7.72E+01	-2.44E-03	-5.18E+00
4.77E+01	-9.30E+01	7.73E+01	-3.17E-02	-5.18E+00
4.77E+01	-9.30E+01	7.73E+01	-3.42E-02	-5.18E+00
4.77E+01	-9.30E+01	7.69E+01	-3.91E-02	-5.18E+00
4.77E+01	-9.30E+01	7.71E+01	-4.88E-03	-5.17E+00
4.77E+01	-9.30E+01	7.73E+01	-3.66E-03	-5.15E+00
4.78E+01	-9.30E+01	7.73E+01	-1.59E-02	-5.16E+00
4.78E+01	-9.30E+01	7.71E+01	-2.44E-02	-5.17E+00
4.78E+01	-9.30E+01	7.69E+01	-1.34E-02	-5.17E+00
4.78E+01	-9.30E+01	7.70E+01	-9.77E-03	-5.16E+00
4.78E+01	-9.30E+01	7.73E+01	3.66E-03	-5.16E+00
4.79E+01	-9.30E+01	7.73E+01	-3.54E-02	-5.15E+00
4.79E+01	-9.30E+01	7.70E+01	-3.17E-02	-5.16E+00
4.79E+01	-9.30E+01	7.74E+01	-2.56E-02	-5.15E+00
4.79E+01	-9.30E+01	7.70E+01	-1.83E-02	-5.16E+00
4.79E+01	-9.30E+01	7.70E+01	-1.95E-02	-5.15E+00
4.80E+01	-9.30E+01	7.67E+01	1.22E-03	-5.15E+00
4.80E+01	-9.30E+01	7.72E+01	-1.22E-02	-5.14E+00
4.80E+01	-9.30E+01	7.72E+01	-3.17E-02	-5.14E+00
4.80E+01	-9.30E+01	7.70E+01	-5.13E-02	-5.15E+00
4.80E+01	-9.30E+01	7.68E+01	-1.46E-02	-5.15E+00
4.81E+01	-9.30E+01	7.71E+01	1.22E-03	-5.14E+00
4.81E+01	-9.30E+01	7.71E+01	-7.32E-03	-5.14E+00
4.81E+01	-9.30E+01	7.72E+01	-3.42E-02	-5.13E+00
4.81E+01	-9.30E+01	7.72E+01	-5.37E-02	-5.15E+00
4.81E+01	-9.30E+01	7.69E+01	-1.46E-02	-5.15E+00
4.82E+01	-9.30E+01	7.70E+01	-6.10E-03	-5.12E+00
4.82E+01	-9.30E+01	7.74E+01	-1.71E-02	-5.12E+00
4.82E+01	-9.30E+01	7.73E+01	-4.15E-02	-5.13E+00
4.82E+01	-9.30E+01	7.65E+01	-3.78E-02	-5.13E+00
4.82E+01	-9.30E+01	7.68E+01	-2.44E-03	-5.13E+00
4.83E+01	-9.30E+01	7.71E+01	-7.32E-03	-5.12E+00
4.83E+01	-9.30E+01	7.73E+01	-4.64E-02	-5.11E+00
4.83E+01	-9.30E+01	7.70E+01	-4.03E-02	-5.12E+00
4.83E+01	-9.30E+01	7.67E+01	-1.22E-02	-5.13E+00
4.83E+01	-9.30E+01	7.68E+01	-2.44E-03	-5.12E+00
4.84E+01	-9.30E+01	7.71E+01	-2.20E-02	-5.11E+00
4.84E+01	-9.30E+01	7.73E+01	-4.15E-02	-5.11E+00
4.84E+01	-9.30E+01	7.71E+01	-3.17E-02	-5.12E+00
4.84E+01	-9.30E+01	7.69E+01	-1.95E-02	-5.11E+00
4.84E+01	-9.30E+01	7.70E+01	-4.88E-03	-5.12E+00
4.85E+01	-9.30E+01	7.70E+01	-2.44E-03	-5.10E+00
4.85E+01	-9.30E+01	7.72E+01	-2.32E-02	-5.10E+00
4.85E+01	-9.30E+01	7.66E+01	-2.93E-02	-5.11E+00
4.85E+01	-9.30E+01	7.69E+01	-1.46E-02	-5.10E+00
4.85E+01	-9.30E+01	7.71E+01	4.88E-03	-5.10E+00

4.86E+01	-9.30E+01	7.69E+01	-3.42E-02	-5.09E+00
4.86E+01	-9.30E+01	7.71E+01	-2.56E-02	-5.10E+00
4.86E+01	-9.30E+01	7.69E+01	-2.20E-02	-5.11E+00
4.86E+01	-9.30E+01	7.68E+01	-1.22E-02	-5.10E+00
4.86E+01	-9.30E+01	7.69E+01	-2.44E-03	-5.09E+00
4.87E+01	-9.30E+01	7.70E+01	-7.32E-03	-5.09E+00
4.87E+01	-9.30E+01	7.72E+01	-3.17E-02	-5.09E+00
4.87E+01	-9.30E+01	7.70E+01	-1.71E-02	-5.09E+00
4.87E+01	-9.30E+01	7.67E+01	-1.46E-02	-5.10E+00
4.87E+01	-9.30E+01	7.71E+01	2.44E-03	-5.08E+00
4.88E+01	-9.30E+01	7.70E+01	-8.54E-03	-5.08E+00
4.88E+01	-9.30E+01	7.70E+01	-3.42E-02	-5.09E+00
4.88E+01	-9.30E+01	7.70E+01	-2.93E-02	-5.08E+00
4.88E+01	-9.30E+01	7.67E+01	-1.71E-02	-5.09E+00
4.88E+01	-9.30E+01	7.69E+01	-9.77E-03	-5.08E+00
4.89E+01	-9.30E+01	7.70E+01	2.44E-03	-5.07E+00
4.89E+01	-9.30E+01	7.71E+01	-7.32E-03	-5.08E+00
4.89E+01	-9.30E+01	7.74E+01	-2.69E-02	-5.07E+00
4.89E+01	-9.30E+01	7.69E+01	-2.44E-02	-5.07E+00
4.89E+01	-9.30E+01	7.67E+01	-1.71E-02	-5.07E+00
4.90E+01	-9.30E+01	7.70E+01	-7.32E-03	-5.07E+00
4.90E+01	-9.30E+01	7.69E+01	-1.34E-02	-5.06E+00
4.90E+01	-9.30E+01	7.70E+01	-4.88E-02	-5.06E+00
4.90E+01	-9.30E+01	7.70E+01	-3.05E-02	-5.07E+00
4.90E+01	-9.30E+01	7.67E+01	-4.88E-03	-5.07E+00
4.91E+01	-9.30E+01	7.69E+01	1.59E-02	-5.06E+00
4.91E+01	-9.30E+01	7.69E+01	-1.59E-02	-5.05E+00
4.91E+01	-9.30E+01	7.71E+01	-3.42E-02	-5.06E+00
4.91E+01	-9.30E+01	7.68E+01	-7.32E-03	-5.06E+00
4.91E+01	-9.30E+01	7.68E+01	-4.88E-03	-5.06E+00
4.92E+01	-9.30E+01	7.71E+01	-2.81E-02	-5.05E+00
4.92E+01	-9.30E+01	7.72E+01	-4.88E-03	-5.04E+00
4.92E+01	-9.30E+01	7.70E+01	-3.42E-02	-5.04E+00
4.92E+01	-9.30E+01	7.70E+01	-4.88E-03	-5.05E+00
4.92E+01	-9.30E+01	7.69E+01	-1.59E-02	-5.05E+00
4.93E+01	-9.30E+01	7.67E+01	-9.77E-03	-5.04E+00
4.93E+01	-9.30E+01	7.67E+01	-7.32E-03	-5.04E+00
4.93E+01	-9.30E+01	7.68E+01	-2.20E-02	-5.04E+00
4.93E+01	-9.30E+01	7.70E+01	-2.93E-02	-5.05E+00
4.93E+01	-9.30E+01	7.69E+01	-7.32E-03	-5.04E+00
4.94E+01	-9.30E+01	7.66E+01	-9.77E-03	-5.03E+00
4.94E+01	-9.30E+01	7.69E+01	-8.54E-03	-5.01E+00
4.94E+01	-9.30E+01	7.72E+01	-2.20E-02	-5.03E+00
4.94E+01	-9.30E+01	7.71E+01	-5.49E-02	-5.03E+00
4.94E+01	-9.30E+01	7.67E+01	-8.54E-03	-5.04E+00
4.95E+01	-9.30E+01	7.66E+01	-1.22E-02	-5.03E+00
4.95E+01	-9.30E+01	7.69E+01	-5.00E-02	-5.02E+00

4.95E+01	-9.30E+01	7.72E+01	-1.22E-02	-5.02E+00
4.95E+01	-9.30E+01	7.70E+01	-2.56E-02	-5.02E+00
4.95E+01	-9.30E+01	7.71E+01	-3.42E-02	-5.01E+00
4.96E+01	-9.30E+01	7.68E+01	-1.46E-02	-5.02E+00
4.96E+01	-9.30E+01	7.69E+01	-1.46E-02	-5.02E+00
4.96E+01	-9.30E+01	7.69E+01	0.00E+00	-5.01E+00
4.96E+01	-9.30E+01	7.69E+01	-6.10E-03	-5.01E+00
4.96E+01	-9.30E+01	7.68E+01	-2.93E-02	-5.01E+00
4.97E+01	-9.30E+01	7.70E+01	-2.93E-02	-5.01E+00
4.97E+01	-9.30E+01	7.68E+01	-1.71E-02	-5.02E+00
4.97E+01	-9.30E+01	7.68E+01	-9.77E-03	-5.00E+00
4.97E+01	-9.30E+01	7.68E+01	-1.71E-02	-4.99E+00
4.97E+01	-9.30E+01	7.69E+01	-6.10E-03	-5.00E+00
4.98E+01	-9.30E+01	7.67E+01	-2.93E-02	-5.01E+00
4.98E+01	-9.30E+01	7.66E+01	2.44E-03	-5.00E+00
4.98E+01	-9.30E+01	7.69E+01	-4.88E-03	-5.00E+00
4.98E+01	-9.30E+01	7.69E+01	-1.95E-02	-4.99E+00
4.98E+01	-9.30E+01	7.70E+01	-3.17E-02	-5.00E+00
4.99E+01	-9.30E+01	7.68E+01	-2.20E-02	-5.00E+00
4.99E+01	-9.30E+01	7.68E+01	2.44E-03	-4.99E+00
4.99E+01	-9.30E+01	7.67E+01	-1.95E-02	-4.98E+00
4.99E+01	-9.30E+01	7.69E+01	-2.44E-02	-4.99E+00
4.99E+01	-9.30E+01	7.68E+01	-2.56E-02	-5.00E+00
5.00E+01	-9.30E+01	7.68E+01	-7.32E-03	-4.97E+00
5.00E+01	-9.30E+01	7.68E+01	-2.44E-03	-4.98E+00
5.00E+01	-9.30E+01	7.70E+01	-1.34E-02	-4.98E+00
5.00E+01	-9.30E+01	7.72E+01	-4.88E-03	-4.97E+00
5.00E+01	-9.30E+01	7.68E+01	-2.81E-02	-4.99E+00
5.01E+01	-9.30E+01	7.66E+01	-9.77E-03	-4.98E+00
5.01E+01	-9.30E+01	7.66E+01	1.71E-02	-4.98E+00
5.01E+01	-9.30E+01	7.66E+01	-1.46E-02	-4.97E+00
5.01E+01	-9.30E+01	7.66E+01	-3.17E-02	-4.97E+00
5.01E+01	-9.30E+01	7.67E+01	-2.69E-02	-4.97E+00
5.02E+01	-9.30E+01	7.66E+01	-2.44E-02	-4.97E+00
5.02E+01	-9.30E+01	7.70E+01	1.22E-02	-4.96E+00
5.02E+01	-9.30E+01	7.68E+01	-9.77E-03	-4.96E+00
5.02E+01	-9.30E+01	7.68E+01	-3.42E-02	-4.95E+00
5.02E+01	-9.30E+01	7.66E+01	-3.66E-03	-4.97E+00
5.03E+01	-9.30E+01	7.65E+01	-1.34E-02	-4.96E+00
5.03E+01	-9.30E+01	7.69E+01	-1.22E-03	-4.95E+00
5.03E+01	-9.30E+01	7.67E+01	-2.32E-02	-4.95E+00
5.03E+01	-9.30E+01	7.67E+01	-3.17E-02	-4.96E+00
5.03E+01	-9.30E+01	7.66E+01	-2.32E-02	-4.95E+00
5.04E+01	-9.30E+01	7.66E+01	-9.77E-03	-4.95E+00
5.04E+01	-9.30E+01	7.65E+01	-8.54E-03	-4.94E+00
5.04E+01	-9.30E+01	7.68E+01	-2.32E-02	-4.95E+00
5.04E+01	-9.30E+01	7.67E+01	-4.15E-02	-4.95E+00

5.04E+01	-9.30E+01	7.67E+01	-2.44E-03	-4.95E+00
5.05E+01	-9.30E+01	7.66E+01	-2.44E-03	-4.94E+00
5.05E+01	-9.30E+01	7.68E+01	-1.71E-02	-4.94E+00
5.05E+01	-9.30E+01	7.66E+01	-5.13E-02	-4.94E+00
5.05E+01	-9.30E+01	7.64E+01	-2.93E-02	-4.94E+00
5.05E+01	-9.30E+01	7.64E+01	3.66E-03	-4.94E+00
5.06E+01	-9.30E+01	7.64E+01	-7.32E-03	-4.92E+00
5.06E+01	-9.30E+01	7.68E+01	-1.46E-02	-4.92E+00
5.06E+01	-9.30E+01	7.67E+01	-2.69E-02	-4.94E+00
5.06E+01	-9.30E+01	7.62E+01	-2.93E-02	-4.94E+00
5.06E+01	-9.30E+01	7.64E+01	-2.44E-03	-4.93E+00
5.07E+01	-9.30E+01	7.68E+01	-2.56E-02	-4.92E+00
5.07E+01	-9.30E+01	7.69E+01	-6.10E-02	-4.91E+00
5.07E+01	-9.30E+01	7.65E+01	-2.44E-02	-4.93E+00
5.07E+01	-9.30E+01	7.65E+01	-1.46E-02	-4.92E+00
5.07E+01	-9.30E+01	7.66E+01	0.00E+00	-4.90E+00
5.08E+01	-9.30E+01	7.66E+01	-1.22E-02	-4.91E+00
5.08E+01	-9.30E+01	7.66E+01	-5.98E-02	-4.91E+00
5.08E+01	-9.30E+01	7.67E+01	-2.44E-02	-4.92E+00
5.08E+01	-9.30E+01	7.64E+01	-7.32E-03	-4.91E+00
5.08E+01	-9.30E+01	7.66E+01	-1.22E-02	-4.90E+00
5.09E+01	-9.30E+01	7.68E+01	-7.32E-03	-4.91E+00
5.09E+01	-9.30E+01	7.65E+01	-3.42E-02	-4.90E+00
5.09E+01	-9.30E+01	7.66E+01	-2.93E-02	-4.90E+00
5.09E+01	-9.30E+01	7.63E+01	-4.88E-03	-4.91E+00
5.09E+01	-9.30E+01	7.66E+01	-4.88E-03	-4.89E+00
5.10E+01	-9.30E+01	7.69E+01	4.88E-03	-4.89E+00
5.10E+01	-9.30E+01	7.67E+01	-3.66E-02	-4.90E+00
5.10E+01	-9.30E+01	7.63E+01	-3.66E-03	-4.90E+00
5.10E+01	-9.30E+01	7.64E+01	-2.44E-02	-4.91E+00
5.10E+01	-9.30E+01	7.62E+01	-1.95E-02	-4.88E+00
5.11E+01	-9.30E+01	7.66E+01	-2.69E-02	-4.89E+00
5.11E+01	-9.30E+01	7.63E+01	-2.69E-02	-4.91E+00
5.11E+01	-9.30E+01	7.63E+01	-1.71E-02	-4.89E+00
5.11E+01	-9.30E+01	7.63E+01	1.22E-03	-4.88E+00
5.11E+01	-9.30E+01	7.67E+01	-1.95E-02	-4.88E+00
5.12E+01	-9.30E+01	7.64E+01	-2.56E-02	-4.89E+00
5.12E+01	-9.30E+01	7.62E+01	-1.22E-02	-4.88E+00
5.12E+01	-9.30E+01	7.64E+01	-4.88E-03	-4.88E+00
5.12E+01	-9.30E+01	7.64E+01	-7.32E-03	-4.87E+00
5.12E+01	-9.30E+01	7.65E+01	-2.93E-02	-4.86E+00
5.13E+01	-9.30E+01	7.64E+01	-2.69E-02	-4.88E+00
5.13E+01	-9.30E+01	7.63E+01	-2.56E-02	-4.88E+00
5.13E+01	-9.30E+01	7.62E+01	-1.46E-02	-4.87E+00
5.13E+01	-9.30E+01	7.64E+01	2.44E-03	-4.88E+00
5.13E+01	-9.30E+01	7.64E+01	-2.44E-02	-4.86E+00
5.14E+01	-9.30E+01	7.66E+01	-2.44E-02	-4.86E+00

5.14E+01	-9.30E+01	7.63E+01	-4.03E-02	-4.87E+00
5.14E+01	-9.30E+01	7.62E+01	-1.95E-02	-4.87E+00
5.14E+01	-9.30E+01	7.64E+01	-9.77E-03	-4.86E+00
5.14E+01	-9.30E+01	7.65E+01	-2.44E-03	-4.86E+00
5.15E+01	-9.30E+01	7.64E+01	-2.81E-02	-4.86E+00
5.15E+01	-9.30E+01	7.64E+01	-2.20E-02	-4.87E+00
5.15E+01	-9.30E+01	7.61E+01	-1.34E-02	-4.86E+00
5.15E+01	-9.30E+01	7.63E+01	-1.22E-03	-4.85E+00
5.15E+01	-9.30E+01	7.60E+01	-2.44E-02	-4.85E+00
5.16E+01	-9.30E+01	7.64E+01	-3.54E-02	-4.85E+00
5.16E+01	-9.30E+01	7.62E+01	-1.71E-02	-4.86E+00
5.16E+01	-9.30E+01	7.61E+01	-4.88E-02	-4.85E+00
5.16E+01	-9.30E+01	7.64E+01	-2.44E-03	-4.84E+00
5.16E+01	-9.30E+01	7.62E+01	-3.17E-02	-4.84E+00
5.17E+01	-9.30E+01	7.63E+01	-2.32E-02	-4.86E+00
5.17E+01	-9.30E+01	7.63E+01	3.66E-03	-4.84E+00
5.17E+01	-9.30E+01	7.63E+01	-1.22E-02	-4.83E+00
5.17E+01	-9.30E+01	7.64E+01	-3.91E-02	-4.83E+00
5.17E+01	-9.30E+01	7.60E+01	-3.17E-02	-4.85E+00
5.18E+01	-9.30E+01	7.60E+01	-2.08E-02	-4.84E+00
5.18E+01	-9.30E+01	7.63E+01	-2.44E-02	-4.83E+00
5.18E+01	-9.30E+01	7.63E+01	-2.20E-02	-4.82E+00
5.18E+01	-9.30E+01	7.63E+01	-2.44E-02	-4.82E+00
5.18E+01	-9.30E+01	7.58E+01	-2.32E-02	-4.83E+00
5.19E+01	-9.30E+01	7.60E+01	-1.83E-02	-4.83E+00
5.19E+01	-9.30E+01	7.62E+01	2.44E-03	-4.82E+00
5.19E+01	-9.30E+01	7.63E+01	-1.71E-02	-4.81E+00
5.19E+01	-9.30E+01	7.62E+01	-2.56E-02	-4.81E+00
5.19E+01	-9.30E+01	7.60E+01	1.46E-02	-4.83E+00
5.20E+01	-9.30E+01	7.60E+01	-1.83E-02	-4.82E+00
5.20E+01	-9.30E+01	7.62E+01	1.22E-03	-4.81E+00
5.20E+01	-9.30E+01	7.61E+01	-2.56E-02	-4.81E+00
5.20E+01	-9.30E+01	7.61E+01	-4.88E-03	-4.81E+00
5.20E+01	-9.30E+01	7.59E+01	-2.32E-02	-4.82E+00
5.21E+01	-9.30E+01	7.62E+01	-6.10E-03	-4.81E+00
5.21E+01	-9.30E+01	7.60E+01	-3.66E-03	-4.81E+00
5.21E+01	-9.30E+01	7.60E+01	-4.15E-02	-4.80E+00
5.21E+01	-9.30E+01	7.62E+01	-2.20E-02	-4.81E+00
5.21E+01	-9.30E+01	7.62E+01	-2.44E-02	-4.81E+00
5.22E+01	-9.30E+01	7.60E+01	-7.32E-03	-4.80E+00
5.22E+01	-9.30E+01	7.61E+01	-2.44E-03	-4.79E+00
5.22E+01	-9.30E+01	7.61E+01	-4.15E-02	-4.79E+00
5.22E+01	-9.30E+01	7.63E+01	-3.66E-02	-4.80E+00
5.22E+01	-9.30E+01	7.59E+01	-1.22E-02	-4.80E+00
5.23E+01	-9.30E+01	7.58E+01	-8.54E-03	-4.80E+00
5.23E+01	-9.30E+01	7.62E+01	-2.44E-03	-4.78E+00
5.23E+01	-9.30E+01	7.61E+01	-2.93E-02	-4.79E+00

5.23E+01	-9.30E+01	7.61E+01	-3.66E-02	-4.80E+00
5.23E+01	-9.30E+01	7.58E+01	-2.44E-03	-4.80E+00
5.24E+01	-9.30E+01	7.59E+01	-9.77E-03	-4.78E+00
5.24E+01	-9.30E+01	7.59E+01	-2.44E-02	-4.77E+00
5.24E+01	-9.30E+01	7.61E+01	-2.44E-02	-4.78E+00
5.24E+01	-9.30E+01	7.59E+01	-2.81E-02	-4.78E+00
5.24E+01	-9.30E+01	7.59E+01	-7.32E-03	-4.79E+00
5.25E+01	-9.30E+01	7.60E+01	2.44E-03	-4.78E+00
5.25E+01	-9.30E+01	7.60E+01	-3.66E-03	-4.77E+00
5.25E+01	-9.30E+01	7.62E+01	-1.34E-02	-4.77E+00
5.25E+01	-9.30E+01	7.59E+01	-2.44E-02	-4.77E+00
5.25E+01	-9.30E+01	7.61E+01	-4.15E-02	-4.77E+00
5.26E+01	-9.30E+01	7.62E+01	1.71E-02	-4.77E+00
5.26E+01	-9.30E+01	7.59E+01	-4.88E-03	-4.77E+00
5.26E+01	-9.30E+01	7.60E+01	-1.46E-02	-4.76E+00
5.26E+01	-9.30E+01	7.62E+01	1.59E-02	-4.75E+00
5.26E+01	-9.30E+01	7.62E+01	-3.66E-02	-4.76E+00
5.27E+01	-9.30E+01	7.59E+01	-1.10E-02	-4.76E+00
5.27E+01	-9.30E+01	7.57E+01	-9.77E-03	-4.77E+00
5.27E+01	-9.30E+01	7.61E+01	-2.32E-02	-4.75E+00
5.27E+01	-9.30E+01	7.60E+01	-3.05E-02	-4.75E+00
5.27E+01	-9.30E+01	7.56E+01	-3.42E-02	-4.76E+00
5.28E+01	-9.30E+01	7.59E+01	-2.93E-02	-4.76E+00
5.28E+01	-9.30E+01	7.57E+01	4.88E-03	-4.76E+00
5.28E+01	-9.30E+01	7.55E+01	-2.44E-03	-4.75E+00
5.28E+01	-9.30E+01	7.60E+01	-8.54E-03	-4.73E+00
5.28E+01	-9.30E+01	7.61E+01	-2.20E-02	-4.73E+00
5.29E+01	-9.30E+01	7.59E+01	-3.78E-02	-4.74E+00
5.29E+01	-9.30E+01	7.57E+01	-3.42E-02	-4.74E+00
5.29E+01	-9.30E+01	7.61E+01	2.44E-03	-4.74E+00
5.29E+01	-9.30E+01	7.61E+01	-4.88E-03	-4.73E+00
5.29E+01	-9.30E+01	7.61E+01	-5.25E-02	-4.73E+00
5.30E+01	-9.30E+01	7.59E+01	-2.93E-02	-4.74E+00
5.30E+01	-9.30E+01	7.58E+01	-2.93E-02	-4.74E+00
5.30E+01	-9.30E+01	7.58E+01	0.00E+00	-4.74E+00
5.30E+01	-9.30E+01	7.60E+01	-1.34E-02	-4.73E+00
5.30E+01	-9.30E+01	7.63E+01	-1.22E-02	-4.72E+00
5.31E+01	-9.30E+01	7.61E+01	-1.22E-02	-4.73E+00
5.31E+01	-9.30E+01	7.60E+01	-2.81E-02	-4.72E+00
5.31E+01	-9.30E+01	7.59E+01	-1.22E-02	-4.73E+00
5.31E+01	-9.30E+01	7.59E+01	-1.10E-02	-4.72E+00
5.31E+01	-9.30E+01	7.58E+01	-1.34E-02	-4.71E+00
5.32E+01	-9.30E+01	7.59E+01	-2.93E-02	-4.72E+00
5.32E+01	-9.30E+01	7.57E+01	-2.20E-02	-4.72E+00
5.32E+01	-9.30E+01	7.59E+01	4.88E-03	-4.72E+00
5.32E+01	-9.30E+01	7.61E+01	3.66E-03	-4.71E+00
5.32E+01	-9.30E+01	7.59E+01	-2.20E-02	-4.71E+00

5.33E+01	-9.30E+01	7.60E+01	-2.44E-02	-4.71E+00
5.33E+01	-9.30E+01	7.59E+01	-1.71E-02	-4.72E+00
5.33E+01	-9.30E+01	7.59E+01	1.22E-03	-4.71E+00
5.33E+01	-9.30E+01	7.60E+01	2.44E-03	-4.70E+00
5.33E+01	-9.30E+01	7.60E+01	-2.08E-02	-4.69E+00
5.34E+01	-9.30E+01	7.62E+01	9.77E-03	-4.70E+00
5.34E+01	-9.30E+01	7.58E+01	-2.44E-02	-4.71E+00
5.34E+01	-9.30E+01	7.58E+01	-1.10E-02	-4.70E+00
5.34E+01	-9.30E+01	7.59E+01	4.88E-03	-4.70E+00
5.34E+01	-9.30E+01	7.61E+01	2.44E-03	-4.69E+00
5.35E+01	-9.30E+01	7.61E+01	-2.20E-02	-4.69E+00
5.35E+01	-9.30E+01	7.61E+01	-2.44E-02	-4.69E+00
5.35E+01	-9.30E+01	7.55E+01	-2.69E-02	-4.69E+00
5.35E+01	-9.30E+01	7.59E+01	-4.88E-03	-4.69E+00
5.35E+01	-9.30E+01	7.60E+01	-7.32E-03	-4.68E+00
5.36E+01	-9.30E+01	7.58E+01	-3.42E-02	-4.68E+00
5.36E+01	-9.30E+01	7.61E+01	-2.20E-02	-4.67E+00
5.36E+01	-9.30E+01	7.59E+01	-2.32E-02	-4.69E+00
5.36E+01	-9.30E+01	7.56E+01	-2.56E-02	-4.70E+00
5.36E+01	-9.30E+01	7.60E+01	-7.32E-03	-4.68E+00
5.37E+01	-9.30E+01	7.59E+01	-3.66E-03	-4.67E+00
5.37E+01	-9.30E+01	7.61E+01	-2.44E-02	-4.68E+00
5.37E+01	-9.30E+01	7.61E+01	-3.66E-02	-4.67E+00
5.37E+01	-9.30E+01	7.59E+01	-1.71E-02	-4.68E+00
5.37E+01	-9.30E+01	7.57E+01	-1.22E-02	-4.67E+00
5.38E+01	-9.30E+01	7.60E+01	-2.44E-03	-4.67E+00
5.38E+01	-9.30E+01	7.61E+01	-1.59E-02	-4.66E+00
5.38E+01	-9.30E+01	7.59E+01	-4.03E-02	-4.66E+00
5.38E+01	-9.30E+01	7.58E+01	-2.44E-02	-4.67E+00
5.38E+01	-9.30E+01	7.57E+01	-7.32E-03	-4.66E+00
5.39E+01	-9.30E+01	7.60E+01	2.20E-02	-4.66E+00
5.39E+01	-9.30E+01	7.62E+01	-3.17E-02	-4.65E+00
5.39E+01	-9.30E+01	7.61E+01	-1.95E-02	-4.66E+00
5.39E+01	-9.30E+01	7.55E+01	-1.71E-02	-4.67E+00
5.39E+01	-9.30E+01	7.59E+01	-1.95E-02	-4.64E+00
5.40E+01	-9.30E+01	7.62E+01	-1.10E-02	-4.65E+00
5.40E+01	-9.30E+01	7.62E+01	-1.95E-02	-4.65E+00
5.40E+01	-9.30E+01	7.60E+01	-1.46E-02	-4.64E+00
5.40E+01	-9.30E+01	7.58E+01	-1.10E-02	-4.64E+00
5.40E+01	-9.30E+01	7.59E+01	-2.44E-03	-4.64E+00
5.41E+01	-9.30E+01	7.66E+01	0.00E+00	-4.63E+00
5.41E+01	-9.30E+01	7.59E+01	-3.42E-02	-4.63E+00
5.41E+01	-9.30E+01	7.59E+01	-2.32E-02	-4.64E+00
5.41E+01	-9.30E+01	7.58E+01	-1.71E-02	-4.64E+00
5.41E+01	-9.30E+01	7.57E+01	-9.77E-03	-4.64E+00
5.42E+01	-9.30E+01	7.60E+01	-6.10E-03	-4.63E+00
5.42E+01	-9.30E+01	7.62E+01	-1.46E-02	-4.64E+00

5.42E+01	-9.30E+01	7.61E+01	-4.76E-02	-4.63E+00
5.42E+01	-9.30E+01	7.57E+01	-3.17E-02	-4.63E+00
5.42E+01	-9.30E+01	7.57E+01	-1.10E-02	-4.63E+00
5.43E+01	-9.30E+01	7.60E+01	-4.88E-03	-4.62E+00
5.43E+01	-9.30E+01	7.60E+01	0.00E+00	-4.61E+00
5.43E+01	-9.30E+01	7.63E+01	-1.46E-02	-4.62E+00
5.43E+01	-9.30E+01	7.58E+01	-2.93E-02	-4.62E+00
5.43E+01	-9.30E+01	7.57E+01	-7.32E-03	-4.62E+00
5.44E+01	-9.30E+01	7.58E+01	-7.32E-03	-4.62E+00
5.44E+01	-9.30E+01	7.62E+01	-1.22E-02	-4.61E+00
5.44E+01	-9.30E+01	7.59E+01	-2.44E-02	-4.62E+00
5.44E+01	-9.30E+01	7.61E+01	-2.93E-02	-4.62E+00
5.44E+01	-9.30E+01	7.56E+01	-9.77E-03	-4.61E+00
5.45E+01	-9.30E+01	7.60E+01	4.88E-03	-4.61E+00
5.45E+01	-9.30E+01	7.63E+01	-2.44E-02	-4.60E+00
5.45E+01	-9.30E+01	7.59E+01	-2.44E-02	-4.61E+00
5.45E+01	-9.30E+01	7.58E+01	-4.15E-02	-4.61E+00
5.45E+01	-9.30E+01	7.58E+01	3.66E-03	-4.60E+00
5.46E+01	-9.30E+01	7.60E+01	-9.77E-03	-4.59E+00
5.46E+01	-9.30E+01	7.59E+01	-1.95E-02	-4.59E+00
5.46E+01	-9.30E+01	7.58E+01	-2.08E-02	-4.60E+00
5.46E+01	-9.30E+01	7.56E+01	-1.46E-02	-4.61E+00
5.46E+01	-9.30E+01	7.59E+01	-7.32E-03	-4.60E+00
5.47E+01	-9.30E+01	7.59E+01	-2.44E-03	-4.59E+00
5.47E+01	-9.30E+01	7.57E+01	-2.44E-03	-4.59E+00
5.47E+01	-9.30E+01	7.60E+01	-1.83E-02	-4.58E+00
5.47E+01	-9.30E+01	7.59E+01	-1.46E-02	-4.60E+00
5.47E+01	-9.30E+01	7.56E+01	-1.22E-02	-4.59E+00
5.48E+01	-9.30E+01	7.58E+01	-4.88E-03	-4.57E+00
5.48E+01	-9.30E+01	7.59E+01	-3.54E-02	-4.57E+00
5.48E+01	-9.30E+01	7.62E+01	-1.95E-02	-4.58E+00
5.48E+01	-9.30E+01	7.56E+01	-1.95E-02	-4.59E+00
5.48E+01	-9.30E+01	7.55E+01	-1.22E-02	-4.57E+00
5.49E+01	-9.30E+01	7.58E+01	-1.22E-02	-4.57E+00
5.49E+01	-9.30E+01	7.60E+01	-2.56E-02	-4.57E+00
5.49E+01	-9.30E+01	7.60E+01	-3.17E-02	-4.57E+00
5.49E+01	-9.30E+01	7.56E+01	-2.69E-02	-4.58E+00
5.49E+01	-9.30E+01	7.55E+01	-2.44E-03	-4.58E+00
5.50E+01	-9.30E+01	7.59E+01	1.22E-03	-4.56E+00
5.50E+01	-9.30E+01	7.57E+01	-7.32E-03	-4.56E+00
5.50E+01	-9.30E+01	7.58E+01	-3.42E-02	-4.55E+00
5.50E+01	-9.30E+01	7.58E+01	-3.66E-02	-4.56E+00
5.50E+01	-9.30E+01	7.54E+01	-2.69E-02	-4.57E+00
5.51E+01	-9.30E+01	7.56E+01	-3.42E-02	-4.56E+00
5.51E+01	-9.30E+01	7.54E+01	2.44E-03	-4.56E+00
5.51E+01	-9.30E+01	7.57E+01	-2.44E-03	-4.55E+00
5.51E+01	-9.30E+01	7.59E+01	-2.44E-02	-4.55E+00

5.51E+01	-9.30E+01	7.60E+01	-2.20E-02	-4.55E+00
5.52E+01	-9.30E+01	7.54E+01	-2.44E-02	-4.56E+00
5.52E+01	-9.30E+01	7.55E+01	-2.44E-02	-4.55E+00
5.52E+01	-9.30E+01	7.58E+01	1.71E-02	-4.54E+00
5.52E+01	-9.30E+01	7.57E+01	-1.59E-02	-4.54E+00
5.52E+01	-9.30E+01	7.56E+01	-2.20E-02	-4.53E+00
5.53E+01	-9.30E+01	7.55E+01	-1.83E-02	-4.54E+00
5.53E+01	-9.30E+01	7.56E+01	-3.66E-02	-4.54E+00
5.53E+01	-9.30E+01	7.57E+01	-2.93E-02	-4.54E+00
5.53E+01	-9.30E+01	7.55E+01	1.22E-03	-4.54E+00
5.53E+01	-9.30E+01	7.54E+01	0.00E+00	-4.53E+00
5.54E+01	-9.30E+01	7.58E+01	-4.88E-03	-4.53E+00
5.54E+01	-9.30E+01	7.57E+01	-4.88E-03	-4.53E+00
5.54E+01	-9.30E+01	7.54E+01	-3.66E-02	-4.53E+00
5.54E+01	-9.30E+01	7.55E+01	-2.08E-02	-4.54E+00
5.54E+01	-9.30E+01	7.53E+01	1.95E-02	-4.53E+00
5.55E+01	-9.30E+01	7.53E+01	-1.46E-02	-4.52E+00
5.55E+01	-9.30E+01	7.58E+01	-1.10E-02	-4.51E+00
5.55E+01	-9.30E+01	7.56E+01	-2.69E-02	-4.54E+00
5.55E+01	-9.30E+01	7.55E+01	-4.52E-02	-4.52E+00
5.55E+01	-9.30E+01	7.54E+01	-1.22E-02	-4.52E+00
5.56E+01	-9.30E+01	7.55E+01	-8.54E-03	-4.52E+00
5.56E+01	-9.30E+01	7.56E+01	-6.10E-03	-4.50E+00
5.56E+01	-9.30E+01	7.56E+01	-4.88E-03	-4.51E+00
5.56E+01	-9.30E+01	7.55E+01	-2.69E-02	-4.51E+00
5.56E+01	-9.30E+01	7.54E+01	-1.71E-02	-4.51E+00
5.57E+01	-9.30E+01	7.52E+01	-2.44E-03	-4.52E+00
5.57E+01	-9.30E+01	7.54E+01	-7.32E-03	-4.51E+00
5.57E+01	-9.30E+01	7.56E+01	-1.34E-02	-4.49E+00
5.57E+01	-9.30E+01	7.56E+01	4.88E-03	-4.50E+00
5.57E+01	-9.30E+01	7.56E+01	-3.42E-02	-4.50E+00
5.58E+01	-9.30E+01	7.53E+01	-3.91E-02	-4.50E+00
5.58E+01	-9.30E+01	7.54E+01	-7.32E-03	-4.50E+00
5.58E+01	-9.30E+01	7.53E+01	-1.59E-02	-4.50E+00
5.58E+01	-9.30E+01	7.55E+01	-4.88E-03	-4.49E+00
5.58E+01	-9.30E+01	7.53E+01	-1.83E-02	-4.49E+00
5.59E+01	-9.30E+01	7.56E+01	-4.88E-03	-4.49E+00
5.59E+01	-9.30E+01	7.55E+01	-1.95E-02	-4.50E+00
5.59E+01	-9.30E+01	7.51E+01	-1.22E-02	-4.50E+00
5.59E+01	-9.30E+01	7.54E+01	-4.88E-03	-4.48E+00
5.59E+01	-9.30E+01	7.56E+01	-2.44E-03	-4.48E+00
5.60E+01	-9.30E+01	7.54E+01	-3.42E-02	-4.48E+00
5.60E+01	-9.30E+01	7.54E+01	-2.20E-02	-4.49E+00
5.60E+01	-9.30E+01	7.51E+01	-6.10E-03	-4.50E+00
5.60E+01	-9.30E+01	7.55E+01	-1.46E-02	-4.47E+00
5.60E+01	-9.30E+01	7.54E+01	-7.32E-03	-4.47E+00
5.61E+01	-9.30E+01	7.56E+01	-3.30E-02	-4.47E+00

5.61E+01	-9.30E+01	7.53E+01	-3.54E-02	-4.47E+00
5.61E+01	-9.30E+01	7.52E+01	-1.95E-02	-4.48E+00
5.61E+01	-9.30E+01	7.47E+01	-9.77E-03	-4.47E+00
5.61E+01	-9.30E+01	7.53E+01	-6.10E-03	-4.46E+00
5.62E+01	-9.30E+01	7.54E+01	-1.71E-02	-4.47E+00
5.62E+01	-9.30E+01	7.53E+01	-4.39E-02	-4.46E+00
5.62E+01	-9.30E+01	7.52E+01	-3.05E-02	-4.47E+00
5.62E+01	-9.30E+01	7.50E+01	-7.32E-03	-4.47E+00
5.62E+01	-9.30E+01	7.52E+01	-7.32E-03	-4.44E+00
5.63E+01	-9.30E+01	7.55E+01	-2.69E-02	-4.45E+00
5.63E+01	-9.30E+01	7.52E+01	-3.42E-02	-4.46E+00
5.63E+01	-9.30E+01	7.48E+01	-6.10E-03	-4.46E+00
5.63E+01	-9.30E+01	7.46E+01	-1.22E-03	-4.44E+00
5.63E+01	-9.30E+01	7.52E+01	-2.81E-02	-4.44E+00
5.64E+01	-9.30E+01	7.55E+01	-2.20E-02	-4.45E+00
5.64E+01	-9.30E+01	7.49E+01	-3.91E-02	-4.45E+00
5.64E+01	-9.30E+01	7.49E+01	-1.46E-02	-4.45E+00
5.64E+01	-9.30E+01	7.53E+01	9.77E-03	-4.44E+00
5.64E+01	-9.30E+01	7.55E+01	-4.39E-02	-4.43E+00
5.65E+01	-9.30E+01	7.54E+01	-1.95E-02	-4.44E+00
5.65E+01	-9.30E+01	7.49E+01	-2.56E-02	-4.44E+00
5.65E+01	-9.30E+01	7.49E+01	-9.77E-03	-4.45E+00
5.65E+01	-9.30E+01	7.51E+01	-2.44E-03	-4.43E+00
5.65E+01	-9.30E+01	7.53E+01	-9.77E-03	-4.43E+00
5.66E+01	-9.30E+01	7.52E+01	-2.69E-02	-4.43E+00
5.66E+01	-9.30E+01	7.49E+01	-2.20E-02	-4.44E+00
5.66E+01	-9.30E+01	7.49E+01	-1.46E-02	-4.42E+00
5.66E+01	-9.30E+01	7.54E+01	-4.88E-03	-4.42E+00
5.66E+01	-9.30E+01	7.52E+01	-3.17E-02	-4.42E+00
5.67E+01	-9.30E+01	7.51E+01	-3.54E-02	-4.43E+00
5.67E+01	-9.30E+01	7.49E+01	-4.27E-02	-4.42E+00
5.67E+01	-9.30E+01	7.46E+01	-1.46E-02	-4.42E+00
5.67E+01	-9.30E+01	7.52E+01	-4.88E-03	-4.42E+00
5.67E+01	-9.30E+01	7.51E+01	-4.88E-03	-4.40E+00
5.68E+01	-9.30E+01	7.51E+01	-5.62E-02	-4.41E+00
5.68E+01	-9.30E+01	7.51E+01	-2.93E-02	-4.42E+00
5.68E+01	-9.30E+01	7.49E+01	-1.95E-02	-4.42E+00
5.68E+01	-9.30E+01	7.51E+01	-9.77E-03	-4.40E+00
5.68E+01	-9.30E+01	7.51E+01	-8.54E-03	-4.40E+00
5.69E+01	-9.30E+01	7.51E+01	-3.42E-02	-4.40E+00
5.69E+01	-9.30E+01	7.50E+01	-4.64E-02	-4.41E+00
5.69E+01	-9.30E+01	7.47E+01	-1.95E-02	-4.42E+00
5.69E+01	-9.30E+01	7.50E+01	-1.83E-02	-4.40E+00
5.69E+01	-9.30E+01	7.51E+01	1.22E-03	-4.39E+00
5.70E+01	-9.30E+01	7.51E+01	-2.20E-02	-4.39E+00
5.70E+01	-9.30E+01	7.51E+01	-3.66E-02	-4.40E+00
5.70E+01	-9.30E+01	7.49E+01	-1.34E-02	-4.41E+00

5.70E+01	-9.30E+01	7.47E+01	-2.44E-03	-4.39E+00
5.70E+01	-9.30E+01	7.51E+01	-1.10E-02	-4.39E+00
5.71E+01	-9.30E+01	7.51E+01	-1.22E-02	-4.39E+00
5.71E+01	-9.30E+01	7.50E+01	-3.42E-02	-4.39E+00
5.71E+01	-9.30E+01	7.48E+01	1.22E-02	-4.39E+00
5.71E+01	-9.30E+01	7.46E+01	-2.44E-02	-4.39E+00
5.71E+01	-9.30E+01	7.49E+01	-1.71E-02	-4.39E+00
5.72E+01	-9.30E+01	7.53E+01	2.44E-03	-4.39E+00
5.72E+01	-9.30E+01	7.50E+01	6.10E-03	-4.38E+00
5.72E+01	-9.30E+01	7.50E+01	-2.69E-02	-4.37E+00
5.72E+01	-9.30E+01	7.50E+01	-2.32E-02	-4.38E+00
5.72E+01	-9.30E+01	7.46E+01	-1.71E-02	-4.38E+00
5.73E+01	-9.30E+01	7.48E+01	-1.59E-02	-4.37E+00
5.73E+01	-9.30E+01	7.47E+01	-7.32E-03	-4.37E+00
5.73E+01	-9.30E+01	7.49E+01	-4.39E-02	-4.37E+00
5.73E+01	-9.30E+01	7.51E+01	-3.54E-02	-4.37E+00
5.73E+01	-9.30E+01	7.48E+01	-1.46E-02	-4.37E+00
5.74E+01	-9.30E+01	7.46E+01	-1.22E-02	-4.37E+00
5.74E+01	-9.30E+01	7.50E+01	-1.71E-02	-4.37E+00
5.74E+01	-9.30E+01	7.48E+01	2.44E-03	-4.36E+00
5.74E+01	-9.30E+01	7.50E+01	-7.32E-03	-4.36E+00
5.74E+01	-9.30E+01	7.49E+01	-4.88E-03	-4.35E+00
5.75E+01	-9.30E+01	7.47E+01	-2.20E-02	-4.36E+00
5.75E+01	-9.30E+01	7.47E+01	-2.93E-02	-4.36E+00
5.75E+01	-9.30E+01	7.47E+01	-2.69E-02	-4.35E+00
5.75E+01	-9.30E+01	7.47E+01	4.88E-03	-4.35E+00
5.75E+01	-9.30E+01	7.47E+01	-6.10E-03	-4.35E+00
5.76E+01	-9.30E+01	7.48E+01	-1.95E-02	-4.34E+00
5.76E+01	-9.30E+01	7.48E+01	-2.44E-02	-4.36E+00
5.76E+01	-9.30E+01	7.47E+01	-3.30E-02	-4.35E+00
5.76E+01	-9.30E+01	7.46E+01	-7.32E-03	-4.35E+00
5.76E+01	-9.30E+01	7.47E+01	-1.22E-02	-4.35E+00
5.77E+01	-9.30E+01	7.45E+01	-1.71E-02	-4.35E+00
5.77E+01	-9.30E+01	7.48E+01	3.66E-03	-4.33E+00
5.77E+01	-9.30E+01	7.52E+01	4.88E-03	-4.33E+00
5.77E+01	-9.30E+01	7.47E+01	-3.17E-02	-4.33E+00
5.77E+01	-9.30E+01	7.46E+01	-3.17E-02	-4.34E+00
5.78E+01	-9.30E+01	7.45E+01	-7.32E-03	-4.34E+00
5.78E+01	-9.30E+01	7.46E+01	-1.10E-02	-4.34E+00
5.78E+01	-9.30E+01	7.49E+01	-2.44E-03	-4.33E+00
5.78E+01	-9.30E+01	7.48E+01	-7.32E-03	-4.33E+00
5.78E+01	-9.30E+01	7.46E+01	-2.69E-02	-4.33E+00
5.79E+01	-9.30E+01	7.45E+01	-2.69E-02	-4.33E+00
5.79E+01	-9.30E+01	7.45E+01	-2.20E-02	-4.33E+00
5.79E+01	-9.30E+01	7.45E+01	-1.22E-02	-4.31E+00
5.79E+01	-9.30E+01	7.48E+01	0.00E+00	-4.32E+00
5.79E+01	-9.30E+01	7.49E+01	-1.71E-02	-4.31E+00

5.80E+01	-9.30E+01	7.47E+01	-5.62E-02	-4.32E+00
5.80E+01	-9.30E+01	7.46E+01	-2.44E-02	-4.32E+00
5.80E+01	-9.30E+01	7.44E+01	-1.22E-02	-4.32E+00
5.80E+01	-9.30E+01	7.47E+01	-2.44E-03	-4.32E+00
5.80E+01	-9.30E+01	7.46E+01	-3.66E-03	-4.31E+00
5.81E+01	-9.30E+01	7.45E+01	-3.17E-02	-4.30E+00
5.81E+01	-9.30E+01	7.45E+01	-3.42E-02	-4.31E+00
5.81E+01	-9.30E+01	7.44E+01	-3.42E-02	-4.32E+00
5.81E+01	-9.30E+01	7.47E+01	-1.71E-02	-4.30E+00
5.81E+01	-9.30E+01	7.44E+01	-9.77E-03	-4.30E+00
5.82E+01	-9.30E+01	7.45E+01	-1.59E-02	-4.30E+00
5.82E+01	-9.30E+01	7.47E+01	-3.05E-02	-4.30E+00
5.82E+01	-9.30E+01	7.42E+01	-2.32E-02	-4.30E+00
5.82E+01	-9.30E+01	7.43E+01	-1.22E-02	-4.30E+00
5.82E+01	-9.30E+01	7.47E+01	2.44E-03	-4.30E+00
5.83E+01	-9.30E+01	7.46E+01	1.10E-02	-4.29E+00
5.83E+01	-9.30E+01	7.48E+01	-3.66E-02	-4.29E+00
5.83E+01	-9.30E+01	7.41E+01	-2.08E-02	-4.30E+00
5.83E+01	-9.30E+01	7.42E+01	-9.77E-03	-4.30E+00
5.83E+01	-9.30E+01	7.46E+01	-9.77E-03	-4.28E+00
5.84E+01	-9.30E+01	7.44E+01	1.10E-02	-4.28E+00
5.84E+01	-9.30E+01	7.46E+01	-2.44E-02	-4.28E+00
5.84E+01	-9.30E+01	7.45E+01	-3.66E-02	-4.28E+00
5.84E+01	-9.30E+01	7.45E+01	-3.17E-02	-4.28E+00
5.84E+01	-9.30E+01	7.44E+01	7.32E-03	-4.28E+00
5.85E+01	-9.30E+01	7.43E+01	-7.32E-03	-4.27E+00
5.85E+01	-9.30E+01	7.44E+01	3.66E-03	-4.27E+00
5.85E+01	-9.30E+01	7.45E+01	1.95E-02	-4.26E+00
5.85E+01	-9.30E+01	7.45E+01	-2.69E-02	-4.26E+00
5.85E+01	-9.30E+01	7.44E+01	-2.93E-02	-4.27E+00
5.86E+01	-9.30E+01	7.42E+01	-3.05E-02	-4.26E+00
5.86E+01	-9.30E+01	7.43E+01	1.10E-02	-4.26E+00
5.86E+01	-9.30E+01	7.45E+01	2.44E-03	-4.26E+00
5.86E+01	-9.30E+01	7.44E+01	-2.69E-02	-4.26E+00
5.86E+01	-9.30E+01	7.42E+01	-2.93E-02	-4.27E+00
5.87E+01	-9.30E+01	7.41E+01	-2.08E-02	-4.27E+00
5.87E+01	-9.30E+01	7.42E+01	-2.44E-03	-4.25E+00
5.87E+01	-9.30E+01	7.44E+01	-2.32E-02	-4.25E+00
5.87E+01	-9.30E+01	7.44E+01	-1.95E-02	-4.25E+00
5.87E+01	-9.30E+01	7.44E+01	-4.39E-02	-4.25E+00
5.88E+01	-9.30E+01	7.43E+01	-1.95E-02	-4.26E+00
5.88E+01	-9.30E+01	7.45E+01	0.00E+00	-4.25E+00
5.88E+01	-9.30E+01	7.43E+01	-3.66E-03	-4.25E+00
5.88E+01	-9.30E+01	7.45E+01	-2.44E-03	-4.24E+00
5.88E+01	-9.30E+01	7.45E+01	-5.62E-02	-4.23E+00
5.89E+01	-9.30E+01	7.41E+01	-3.05E-02	-4.24E+00
5.89E+01	-9.30E+01	7.40E+01	-2.20E-02	-4.25E+00

5.89E+01	-9.30E+01	7.42E+01	-1.22E-02	-4.25E+00
5.89E+01	-9.30E+01	7.45E+01	1.71E-02	-4.23E+00
5.89E+01	-9.30E+01	7.44E+01	-1.95E-02	-4.23E+00
5.90E+01	-9.30E+01	7.43E+01	-3.42E-02	-4.23E+00
5.90E+01	-9.30E+01	7.45E+01	-3.05E-02	-4.25E+00
5.90E+01	-9.30E+01	7.42E+01	-3.91E-02	-4.24E+00
5.90E+01	-9.30E+01	7.43E+01	0.00E+00	-4.23E+00
5.90E+01	-9.30E+01	7.43E+01	-2.44E-03	-4.22E+00
5.91E+01	-9.30E+01	7.45E+01	-2.56E-02	-4.23E+00
5.91E+01	-9.30E+01	7.45E+01	-1.95E-02	-4.22E+00
5.91E+01	-9.30E+01	7.45E+01	-2.69E-02	-4.23E+00
5.91E+01	-9.30E+01	7.42E+01	-2.56E-02	-4.23E+00
5.91E+01	-9.30E+01	7.41E+01	-7.32E-03	-4.22E+00
5.92E+01	-9.30E+01	7.43E+01	2.56E-02	-4.22E+00
5.92E+01	-9.30E+01	7.45E+01	-2.44E-02	-4.21E+00
5.92E+01	-9.30E+01	7.43E+01	-2.08E-02	-4.21E+00
5.92E+01	-9.30E+01	7.42E+01	-2.93E-02	-4.21E+00
5.92E+01	-9.30E+01	7.42E+01	-5.25E-02	-4.21E+00
5.93E+01	-9.30E+01	7.42E+01	-1.46E-02	-4.21E+00
5.93E+01	-9.30E+01	7.42E+01	-2.44E-03	-4.21E+00
5.93E+01	-9.30E+01	7.44E+01	-7.32E-03	-4.21E+00
5.93E+01	-9.30E+01	7.45E+01	7.32E-03	-4.19E+00
5.93E+01	-9.30E+01	7.44E+01	-9.77E-03	-4.19E+00
5.94E+01	-9.30E+01	7.44E+01	-3.66E-02	-4.20E+00
5.94E+01	-9.30E+01	7.42E+01	-2.44E-02	-4.21E+00
5.94E+01	-9.30E+01	7.41E+01	-1.71E-02	-4.21E+00
5.94E+01	-9.30E+01	7.43E+01	-7.32E-03	-4.19E+00
5.94E+01	-9.30E+01	7.40E+01	-9.77E-03	-4.18E+00
5.95E+01	-9.30E+01	7.45E+01	-1.71E-02	-4.18E+00
5.95E+01	-9.30E+01	7.43E+01	-4.15E-02	-4.18E+00
5.95E+01	-9.30E+01	7.41E+01	-1.71E-02	-4.19E+00
5.95E+01	-9.30E+01	7.43E+01	-1.46E-02	-4.19E+00
5.95E+01	-9.30E+01	7.44E+01	-6.10E-03	-4.18E+00
5.96E+01	-9.30E+01	7.43E+01	-2.69E-02	-4.17E+00
5.96E+01	-9.30E+01	7.42E+01	-1.34E-02	-4.18E+00
5.96E+01	-9.30E+01	7.44E+01	-3.42E-02	-4.18E+00
5.96E+01	-9.30E+01	7.40E+01	-1.95E-02	-4.19E+00
5.96E+01	-9.30E+01	7.40E+01	-9.77E-03	-4.20E+00
5.97E+01	-9.30E+01	7.43E+01	-1.46E-02	-4.17E+00
5.97E+01	-9.30E+01	7.44E+01	-1.71E-02	-4.17E+00
5.97E+01	-9.30E+01	7.42E+01	-3.17E-02	-4.17E+00
5.97E+01	-9.30E+01	7.41E+01	-4.27E-02	-4.17E+00
5.97E+01	-9.30E+01	7.40E+01	-3.42E-02	-4.17E+00
5.98E+01	-9.30E+01	7.40E+01	-9.77E-03	-4.17E+00
5.98E+01	-9.30E+01	7.44E+01	0.00E+00	-4.16E+00
5.98E+01	-9.30E+01	7.40E+01	2.44E-03	-4.15E+00
5.98E+01	-9.30E+01	7.39E+01	-3.05E-02	-4.14E+00

5.98E+01	-9.30E+01	7.41E+01	-2.08E-02	-4.15E+00
5.99E+01	-9.30E+01	7.43E+01	-2.69E-02	-4.16E+00
5.99E+01	-9.30E+01	7.41E+01	-2.93E-02	-4.16E+00
5.99E+01	-9.30E+01	7.40E+01	-1.22E-03	-4.15E+00
5.99E+01	-9.30E+01	7.44E+01	1.22E-03	-4.15E+00
5.99E+01	-9.30E+01	7.45E+01	-2.44E-03	-4.15E+00
6.00E+01	-9.30E+01	7.44E+01	-1.95E-02	-4.15E+00
6.00E+01	-9.30E+01	7.42E+01	-4.64E-02	-4.15E+00
6.00E+01	-9.30E+01	7.39E+01	-3.42E-02	-4.15E+00
6.00E+01	-9.30E+01	7.40E+01	-7.32E-03	-4.15E+00
6.00E+01	-9.30E+01	7.42E+01	0.00E+00	-4.14E+00
6.01E+01	-9.30E+01	7.41E+01	1.10E-02	-4.14E+00
6.01E+01	-9.30E+01	7.45E+01	-9.77E-03	-4.13E+00
6.01E+01	-9.30E+01	7.42E+01	-2.20E-02	-4.14E+00
6.01E+01	-9.30E+01	7.42E+01	-3.91E-02	-4.14E+00
6.01E+01	-9.30E+01	7.40E+01	-2.44E-03	-4.14E+00
6.02E+01	-9.30E+01	7.40E+01	-4.88E-03	-4.14E+00
6.02E+01	-9.30E+01	7.41E+01	-6.10E-03	-4.13E+00
6.02E+01	-9.30E+01	7.42E+01	-2.44E-03	-4.12E+00
6.02E+01	-9.30E+01	7.44E+01	-2.81E-02	-4.12E+00
6.02E+01	-9.30E+01	7.44E+01	-3.42E-02	-4.13E+00
6.03E+01	-9.30E+01	7.39E+01	3.66E-03	-4.13E+00
6.03E+01	-9.30E+01	7.44E+01	-9.77E-03	-4.10E+00
6.03E+01	-9.30E+01	7.44E+01	-2.44E-03	-4.11E+00
6.03E+01	-9.30E+01	7.44E+01	-2.69E-02	-4.12E+00
6.03E+01	-9.30E+01	7.42E+01	-3.17E-02	-4.12E+00
6.04E+01	-9.30E+01	7.40E+01	-2.69E-02	-4.13E+00
6.04E+01	-9.30E+01	7.40E+01	-1.71E-02	-4.12E+00
6.04E+01	-9.30E+01	7.42E+01	-2.44E-03	-4.11E+00
6.04E+01	-9.30E+01	7.45E+01	-1.22E-03	-4.10E+00
6.04E+01	-9.30E+01	7.44E+01	-2.44E-02	-4.11E+00
6.05E+01	-9.30E+01	7.41E+01	-3.42E-02	-4.12E+00
6.05E+01	-9.30E+01	7.42E+01	-3.30E-02	-4.11E+00
6.05E+01	-9.30E+01	7.39E+01	-1.59E-02	-4.11E+00
6.05E+01	-9.30E+01	7.41E+01	-9.77E-03	-4.09E+00
6.05E+01	-9.30E+01	7.41E+01	-2.93E-02	-4.11E+00
6.06E+01	-9.30E+01	7.42E+01	-2.20E-02	-4.10E+00
6.06E+01	-9.30E+01	7.42E+01	-1.71E-02	-4.10E+00
6.06E+01	-9.30E+01	7.39E+01	-4.88E-03	-4.10E+00
6.06E+01	-9.30E+01	7.43E+01	-1.83E-02	-4.07E+00
6.06E+01	-9.30E+01	7.41E+01	-1.22E-02	-4.09E+00
6.07E+01	-9.30E+01	7.40E+01	-2.44E-02	-4.09E+00
6.07E+01	-9.30E+01	7.40E+01	-4.88E-03	-4.09E+00
6.07E+01	-9.30E+01	7.40E+01	-2.44E-03	-4.09E+00
6.07E+01	-9.30E+01	7.42E+01	-8.54E-03	-4.08E+00
6.07E+01	-9.30E+01	7.43E+01	-1.46E-02	-4.08E+00
6.08E+01	-9.30E+01	7.42E+01	-2.93E-02	-4.08E+00

6.08E+01	-9.30E+01	7.40E+01	-2.93E-02	-4.09E+00
6.08E+01	-9.30E+01	7.40E+01	3.30E-02	-4.08E+00
6.08E+01	-9.30E+01	7.42E+01	0.00E+00	-4.07E+00
6.08E+01	-9.30E+01	7.44E+01	-1.71E-02	-4.07E+00
6.09E+01	-9.30E+01	7.41E+01	-2.20E-02	-4.08E+00
6.09E+01	-9.30E+01	7.41E+01	-1.46E-02	-4.07E+00
6.09E+01	-9.30E+01	7.38E+01	1.22E-03	-4.07E+00
6.09E+01	-9.30E+01	7.41E+01	-8.54E-03	-4.06E+00
6.09E+01	-9.30E+01	7.44E+01	-1.95E-02	-4.07E+00
6.10E+01	-9.30E+01	7.42E+01	4.88E-03	-4.07E+00
6.10E+01	-9.30E+01	7.40E+01	-2.93E-02	-4.07E+00
6.10E+01	-9.30E+01	7.40E+01	-1.83E-02	-4.06E+00
6.10E+01	-9.30E+01	7.43E+01	-1.22E-03	-4.06E+00
6.10E+01	-9.30E+01	7.42E+01	9.77E-03	-4.05E+00
6.11E+01	-9.30E+01	7.44E+01	-1.10E-02	-4.05E+00
6.11E+01	-9.30E+01	7.42E+01	-1.95E-02	-4.05E+00
6.11E+01	-9.30E+01	7.43E+01	-3.42E-02	-4.04E+00
6.11E+01	-9.30E+01	7.41E+01	-3.17E-02	-4.06E+00
6.11E+01	-9.30E+01	7.42E+01	0.00E+00	-4.05E+00
6.12E+01	-9.30E+01	7.39E+01	-9.77E-03	-4.04E+00
6.12E+01	-9.30E+01	7.42E+01	-8.54E-03	-4.03E+00
6.12E+01	-9.30E+01	7.43E+01	-2.08E-02	-4.05E+00
6.12E+01	-9.30E+01	7.40E+01	-2.69E-02	-4.05E+00
6.12E+01	-9.30E+01	7.41E+01	-1.71E-02	-4.05E+00
6.13E+01	-9.30E+01	7.39E+01	-6.10E-03	-4.03E+00
6.13E+01	-9.30E+01	7.42E+01	-1.95E-02	-4.03E+00
6.13E+01	-9.30E+01	7.43E+01	-1.22E-02	-4.03E+00
6.13E+01	-9.30E+01	7.41E+01	-1.22E-02	-4.03E+00
6.13E+01	-9.30E+01	7.47E+01	-3.17E-02	-4.03E+00
6.14E+01	-9.30E+01	7.41E+01	-1.22E-02	-4.04E+00
6.14E+01	-9.30E+01	7.40E+01	-1.71E-02	-4.04E+00
6.14E+01	-9.30E+01	7.37E+01	7.32E-03	-4.02E+00
6.14E+01	-9.30E+01	7.43E+01	-7.32E-03	-4.02E+00
6.14E+01	-9.30E+01	7.44E+01	-1.46E-02	-4.02E+00
6.15E+01	-9.30E+01	7.43E+01	-2.93E-02	-4.02E+00
6.15E+01	-9.30E+01	7.41E+01	-2.44E-02	-4.02E+00
6.15E+01	-9.30E+01	7.39E+01	-2.93E-02	-4.03E+00
6.15E+01	-9.30E+01	7.39E+01	-2.20E-02	-4.03E+00
6.15E+01	-9.30E+01	7.40E+01	3.17E-02	-4.02E+00
6.16E+01	-9.30E+01	7.40E+01	1.22E-02	-4.01E+00
6.16E+01	-9.30E+01	7.42E+01	-2.08E-02	-4.00E+00
6.16E+01	-9.30E+01	7.44E+01	-8.54E-03	-4.00E+00
6.16E+01	-9.30E+01	7.40E+01	-3.42E-02	-4.03E+00
6.16E+01	-9.30E+01	7.41E+01	-4.03E-02	-4.01E+00
6.17E+01	-9.30E+01	7.41E+01	-1.34E-02	-4.01E+00
6.17E+01	-9.30E+01	7.41E+01	-7.32E-03	-4.01E+00
6.17E+01	-9.30E+01	7.42E+01	-9.77E-03	-4.00E+00

6.17E+01	-9.30E+01	7.43E+01	-1.71E-02	-3.99E+00
6.17E+01	-9.30E+01	7.41E+01	-1.95E-02	-4.00E+00
6.18E+01	-9.30E+01	7.41E+01	-4.64E-02	-3.99E+00
6.18E+01	-9.30E+01	7.40E+01	-3.42E-02	-4.00E+00
6.18E+01	-9.30E+01	7.37E+01	-1.22E-02	-4.00E+00
6.18E+01	-9.30E+01	7.37E+01	-1.46E-02	-4.00E+00
6.18E+01	-9.30E+01	7.40E+01	-7.32E-03	-3.97E+00
6.19E+01	-9.30E+01	7.41E+01	4.88E-03	-3.99E+00
6.19E+01	-9.30E+01	7.42E+01	-4.88E-03	-3.98E+00
6.19E+01	-9.30E+01	7.39E+01	-1.95E-02	-3.98E+00
6.19E+01	-9.30E+01	7.42E+01	-3.30E-02	-3.98E+00
6.19E+01	-9.30E+01	7.40E+01	-4.15E-02	-3.99E+00
6.20E+01	-9.30E+01	7.38E+01	-5.13E-02	-3.98E+00
6.20E+01	-9.30E+01	7.39E+01	-6.10E-03	-3.98E+00
6.20E+01	-9.30E+01	7.38E+01	1.22E-03	-3.98E+00
6.20E+01	-9.30E+01	7.42E+01	-1.10E-02	-3.97E+00
6.20E+01	-9.30E+01	7.40E+01	-2.20E-02	-3.97E+00
6.21E+01	-9.30E+01	7.38E+01	-2.93E-02	-3.98E+00
6.21E+01	-9.30E+01	7.39E+01	-2.08E-02	-3.97E+00
6.21E+01	-9.30E+01	7.39E+01	-1.22E-02	-3.97E+00
6.21E+01	-9.30E+01	7.43E+01	-7.32E-03	-3.97E+00
6.21E+01	-9.30E+01	7.40E+01	-1.22E-02	-3.96E+00
6.22E+01	-9.30E+01	7.40E+01	-7.32E-03	-3.95E+00
6.22E+01	-9.30E+01	7.40E+01	-3.30E-02	-3.96E+00
6.22E+01	-9.30E+01	7.39E+01	-1.95E-02	-3.96E+00
6.22E+01	-9.30E+01	7.38E+01	-1.46E-02	-3.97E+00
6.22E+01	-9.30E+01	7.37E+01	-9.77E-03	-3.96E+00
6.23E+01	-9.30E+01	7.39E+01	-9.77E-03	-3.96E+00
6.23E+01	-9.30E+01	7.42E+01	4.88E-03	-3.95E+00
6.23E+01	-9.30E+01	7.41E+01	-1.83E-02	-3.95E+00
6.23E+01	-9.30E+01	7.40E+01	-3.42E-02	-3.95E+00
6.23E+01	-9.30E+01	7.40E+01	-7.32E-03	-3.95E+00
6.24E+01	-9.30E+01	7.38E+01	-1.71E-02	-3.96E+00
6.24E+01	-9.30E+01	7.38E+01	-2.44E-02	-3.95E+00
6.24E+01	-9.30E+01	7.38E+01	-1.10E-02	-3.95E+00
6.24E+01	-9.30E+01	7.38E+01	-2.93E-02	-3.94E+00
6.24E+01	-9.30E+01	7.41E+01	-9.77E-03	-3.93E+00
6.25E+01	-9.30E+01	7.39E+01	-1.71E-02	-3.93E+00
6.25E+01	-9.30E+01	7.38E+01	-2.56E-02	-3.93E+00
6.25E+01	-9.30E+01	7.40E+01	-1.22E-02	-3.94E+00
6.25E+01	-9.30E+01	7.37E+01	-1.71E-02	-3.94E+00
6.25E+01	-9.30E+01	7.38E+01	0.00E+00	-3.94E+00
6.26E+01	-9.30E+01	7.37E+01	-6.10E-03	-3.93E+00
6.26E+01	-9.30E+01	7.41E+01	-1.71E-02	-3.92E+00
6.26E+01	-9.30E+01	7.41E+01	-2.32E-02	-3.92E+00
6.26E+01	-9.30E+01	7.40E+01	-4.15E-02	-3.92E+00
6.26E+01	-9.30E+01	7.38E+01	-2.93E-02	-3.95E+00

6.27E+01	-9.30E+01	7.37E+01	-2.93E-02	-3.93E+00
6.27E+01	-9.30E+01	7.38E+01	-1.22E-02	-3.93E+00
6.27E+01	-9.30E+01	7.39E+01	-6.10E-03	-3.92E+00
6.27E+01	-9.30E+01	7.38E+01	-2.44E-03	-3.92E+00
6.27E+01	-9.30E+01	7.39E+01	-2.20E-02	-3.91E+00
6.28E+01	-9.30E+01	7.40E+01	-3.42E-02	-3.91E+00
6.28E+01	-9.30E+01	7.40E+01	-4.64E-02	-3.91E+00
6.28E+01	-9.30E+01	7.37E+01	-2.69E-02	-3.92E+00
6.28E+01	-9.30E+01	7.37E+01	-2.44E-02	-3.91E+00
6.28E+01	-9.30E+01	7.37E+01	1.22E-02	-3.90E+00
6.29E+01	-9.30E+01	7.40E+01	-2.69E-02	-3.90E+00
6.29E+01	-9.30E+01	7.40E+01	-2.20E-02	-3.90E+00
6.29E+01	-9.30E+01	7.40E+01	-3.42E-02	-3.90E+00
6.29E+01	-9.30E+01	7.38E+01	-2.93E-02	-3.91E+00
6.29E+01	-9.30E+01	7.41E+01	-3.30E-02	-3.90E+00
6.30E+01	-9.30E+01	7.38E+01	0.00E+00	-3.90E+00
6.30E+01	-9.30E+01	7.38E+01	2.44E-03	-3.90E+00
6.30E+01	-9.30E+01	7.41E+01	-2.32E-02	-3.88E+00
6.30E+01	-9.30E+01	7.40E+01	-2.20E-02	-3.89E+00
6.30E+01	-9.30E+01	7.38E+01	-3.66E-02	-3.89E+00
6.31E+01	-9.30E+01	7.37E+01	-9.77E-03	-3.89E+00
6.31E+01	-9.30E+01	7.36E+01	-1.22E-03	-3.89E+00
6.31E+01	-9.30E+01	7.39E+01	1.46E-02	-3.88E+00
6.31E+01	-9.30E+01	7.40E+01	-7.32E-03	-3.87E+00
6.31E+01	-9.30E+01	7.40E+01	-1.22E-02	-3.88E+00
6.32E+01	-9.30E+01	7.40E+01	-2.44E-02	-3.88E+00
6.32E+01	-9.30E+01	7.39E+01	-3.42E-02	-3.88E+00
6.32E+01	-9.30E+01	7.39E+01	-2.32E-02	-3.89E+00
6.32E+01	-9.30E+01	7.36E+01	-1.46E-02	-3.88E+00
6.32E+01	-9.30E+01	7.36E+01	-3.66E-03	-3.87E+00
6.33E+01	-9.30E+01	7.39E+01	-8.54E-03	-3.87E+00
6.33E+01	-9.30E+01	7.41E+01	-1.10E-02	-3.86E+00
6.33E+01	-9.30E+01	7.42E+01	-1.95E-02	-3.86E+00
6.33E+01	-9.30E+01	7.37E+01	-4.15E-02	-3.87E+00
6.33E+01	-9.30E+01	7.38E+01	-1.71E-02	-3.87E+00
6.34E+01	-9.30E+01	7.39E+01	-3.17E-02	-3.87E+00
6.34E+01	-9.30E+01	7.41E+01	-1.83E-02	-3.87E+00
6.34E+01	-9.30E+01	7.37E+01	-1.22E-02	-3.86E+00
6.34E+01	-9.30E+01	7.38E+01	-1.71E-02	-3.86E+00
6.34E+01	-9.30E+01	7.41E+01	-1.34E-02	-3.85E+00
6.35E+01	-9.30E+01	7.42E+01	-9.77E-03	-3.85E+00
6.35E+01	-9.30E+01	7.41E+01	-3.17E-02	-3.85E+00
6.35E+01	-9.30E+01	7.41E+01	-4.27E-02	-3.85E+00
6.35E+01	-9.30E+01	7.36E+01	-1.95E-02	-3.87E+00
6.35E+01	-9.30E+01	7.37E+01	-2.32E-02	-3.86E+00
6.36E+01	-9.30E+01	7.39E+01	1.95E-02	-3.83E+00
6.36E+01	-9.30E+01	7.40E+01	-6.10E-03	-3.84E+00

6.36E+01	-9.30E+01	7.41E+01	-2.44E-02	-3.84E+00
6.36E+01	-9.30E+01	7.40E+01	-4.52E-02	-3.84E+00
6.36E+01	-9.30E+01	7.41E+01	-2.44E-03	-3.85E+00
6.37E+01	-9.30E+01	7.35E+01	-2.93E-02	-3.85E+00
6.37E+01	-9.30E+01	7.38E+01	-1.22E-02	-3.85E+00
6.37E+01	-9.30E+01	7.39E+01	4.88E-03	-3.84E+00
6.37E+01	-9.30E+01	7.40E+01	2.32E-02	-3.83E+00
6.37E+01	-9.30E+01	7.39E+01	-9.77E-03	-3.82E+00
6.38E+01	-9.30E+01	7.43E+01	-1.71E-02	-3.82E+00
6.38E+01	-9.30E+01	7.39E+01	-3.05E-02	-3.82E+00
6.38E+01	-9.30E+01	7.38E+01	-2.20E-02	-3.83E+00
6.38E+01	-9.30E+01	7.38E+01	-2.44E-02	-3.83E+00
6.38E+01	-9.30E+01	7.39E+01	-1.22E-02	-3.83E+00
6.39E+01	-9.30E+01	7.39E+01	-7.32E-03	-3.81E+00
6.39E+01	-9.30E+01	7.40E+01	-1.71E-02	-3.81E+00
6.39E+01	-9.30E+01	7.42E+01	-8.54E-03	-3.81E+00
6.39E+01	-9.30E+01	7.43E+01	-3.54E-02	-3.81E+00
6.39E+01	-9.30E+01	7.41E+01	-3.66E-02	-3.81E+00
6.40E+01	-9.30E+01	7.39E+01	-2.20E-02	-3.82E+00
6.40E+01	-9.30E+01	7.38E+01	-2.20E-02	-3.82E+00
6.40E+01	-9.30E+01	7.38E+01	-1.10E-02	-3.81E+00
6.40E+01	-9.30E+01	7.39E+01	7.32E-03	-3.80E+00
6.40E+01	-9.30E+01	7.40E+01	-1.10E-02	-3.80E+00
6.41E+01	-9.30E+01	7.37E+01	-2.44E-03	-3.80E+00
6.41E+01	-9.30E+01	7.40E+01	-1.95E-02	-3.80E+00
6.41E+01	-9.30E+01	7.40E+01	-2.93E-02	-3.81E+00
6.41E+01	-9.30E+01	7.38E+01	-2.69E-02	-3.80E+00
6.41E+01	-9.30E+01	7.35E+01	1.71E-02	-3.81E+00
6.42E+01	-9.30E+01	7.40E+01	-4.88E-03	-3.80E+00
6.42E+01	-9.30E+01	7.38E+01	-4.88E-03	-3.79E+00
6.42E+01	-9.30E+01	7.42E+01	-1.22E-03	-3.79E+00
6.42E+01	-9.30E+01	7.38E+01	-3.54E-02	-3.79E+00
6.42E+01	-9.30E+01	7.39E+01	-2.93E-02	-3.79E+00
6.43E+01	-9.30E+01	7.39E+01	-3.42E-02	-3.79E+00
6.43E+01	-9.30E+01	7.38E+01	-1.22E-02	-3.80E+00
6.43E+01	-9.30E+01	7.40E+01	-2.20E-02	-3.79E+00
6.43E+01	-9.30E+01	7.38E+01	-1.10E-02	-3.79E+00
6.43E+01	-9.30E+01	7.38E+01	6.10E-03	-3.78E+00
6.44E+01	-9.30E+01	7.40E+01	-1.22E-02	-3.78E+00
6.44E+01	-9.30E+01	7.37E+01	-6.10E-03	-3.77E+00
6.44E+01	-9.30E+01	7.41E+01	-1.59E-02	-3.77E+00
6.44E+01	-9.30E+01	7.40E+01	-2.44E-02	-3.78E+00
6.44E+01	-9.30E+01	7.39E+01	-2.08E-02	-3.77E+00
6.45E+01	-9.30E+01	7.41E+01	-1.22E-02	-3.78E+00
6.45E+01	-9.30E+01	7.37E+01	-1.59E-02	-3.78E+00
6.45E+01	-9.30E+01	7.37E+01	-2.44E-03	-3.77E+00
6.45E+01	-9.30E+01	7.40E+01	-2.44E-02	-3.75E+00

6.45E+01	-9.30E+01	7.39E+01	-7.32E-03	-3.76E+00
6.46E+01	-9.30E+01	7.39E+01	-3.42E-02	-3.76E+00
6.46E+01	-9.30E+01	7.39E+01	-2.93E-02	-3.76E+00
6.46E+01	-9.30E+01	7.38E+01	-1.46E-02	-3.77E+00
6.46E+01	-9.30E+01	7.35E+01	-7.32E-03	-3.76E+00
6.46E+01	-9.30E+01	7.38E+01	-4.88E-03	-3.75E+00
6.47E+01	-9.30E+01	7.38E+01	0.00E+00	-3.76E+00
6.47E+01	-9.30E+01	7.38E+01	0.00E+00	-3.75E+00
6.47E+01	-9.30E+01	7.42E+01	-3.54E-02	-3.74E+00
6.47E+01	-9.30E+01	7.38E+01	-2.93E-02	-3.75E+00
6.47E+01	-9.30E+01	7.35E+01	-2.69E-02	-3.76E+00
6.48E+01	-9.30E+01	7.37E+01	-1.95E-02	-3.75E+00
6.48E+01	-9.30E+01	7.35E+01	-7.32E-03	-3.75E+00
6.48E+01	-9.30E+01	7.38E+01	-1.46E-02	-3.74E+00
6.48E+01	-9.30E+01	7.39E+01	-2.20E-02	-3.73E+00
6.48E+01	-9.30E+01	7.38E+01	-1.46E-02	-3.74E+00
6.49E+01	-9.30E+01	7.36E+01	-1.34E-02	-3.74E+00
6.49E+01	-9.30E+01	7.36E+01	-1.95E-02	-3.74E+00
6.49E+01	-9.30E+01	7.36E+01	-7.32E-03	-3.74E+00
6.49E+01	-9.30E+01	7.36E+01	0.00E+00	-3.73E+00
6.49E+01	-9.30E+01	7.39E+01	-2.32E-02	-3.72E+00
6.50E+01	-9.30E+01	7.38E+01	-1.46E-02	-3.72E+00
6.50E+01	-9.30E+01	7.37E+01	-3.78E-02	-3.74E+00
6.50E+01	-9.30E+01	7.35E+01	-2.32E-02	-3.73E+00
6.50E+01	-9.30E+01	7.38E+01	-2.20E-02	-3.74E+00
6.50E+01	-9.30E+01	7.34E+01	-1.10E-02	-3.73E+00
6.51E+01	-9.30E+01	7.38E+01	-4.88E-03	-3.71E+00
6.51E+01	-9.30E+01	7.39E+01	0.00E+00	-3.72E+00
6.51E+01	-9.30E+01	7.37E+01	-3.30E-02	-3.72E+00
6.51E+01	-9.30E+01	7.36E+01	-3.42E-02	-3.72E+00
6.51E+01	-9.30E+01	7.36E+01	-2.20E-02	-3.72E+00
6.52E+01	-9.30E+01	7.33E+01	-2.20E-02	-3.72E+00
6.52E+01	-9.30E+01	7.33E+01	1.71E-02	-3.72E+00
6.52E+01	-9.30E+01	7.37E+01	7.32E-03	-3.71E+00
6.52E+01	-9.30E+01	7.36E+01	-2.08E-02	-3.71E+00
6.52E+01	-9.30E+01	7.38E+01	-2.93E-02	-3.71E+00
6.53E+01	-9.30E+01	7.34E+01	-4.88E-02	-3.71E+00
6.53E+01	-9.30E+01	7.35E+01	-2.93E-02	-3.71E+00
6.53E+01	-9.30E+01	7.35E+01	-2.69E-02	-3.71E+00
6.53E+01	-9.30E+01	7.36E+01	-4.88E-03	-3.71E+00
6.53E+01	-9.30E+01	7.35E+01	-1.46E-02	-3.70E+00
6.54E+01	-9.30E+01	7.36E+01	-8.54E-03	-3.69E+00
6.54E+01	-9.30E+01	7.36E+01	-1.22E-02	-3.68E+00
6.54E+01	-9.30E+01	7.35E+01	-3.42E-02	-3.69E+00
6.54E+01	-9.30E+01	7.33E+01	-2.93E-02	-3.70E+00
6.54E+01	-9.30E+01	7.32E+01	-1.46E-02	-3.70E+00
6.55E+01	-9.30E+01	7.34E+01	-1.46E-02	-3.71E+00

6.55E+01	-9.30E+01	7.35E+01	-1.22E-02	-3.68E+00
6.55E+01	-9.30E+01	7.37E+01	-2.44E-03	-3.68E+00
6.55E+01	-9.30E+01	7.33E+01	-2.20E-02	-3.69E+00
6.55E+01	-9.30E+01	7.35E+01	-3.91E-02	-3.67E+00
6.56E+01	-9.30E+01	7.35E+01	-8.54E-03	-3.68E+00
6.56E+01	-9.30E+01	7.30E+01	-2.20E-02	-3.69E+00
6.56E+01	-9.30E+01	7.33E+01	-9.77E-03	-3.68E+00
6.56E+01	-9.30E+01	7.34E+01	1.34E-02	-3.68E+00
6.56E+01	-9.30E+01	7.35E+01	-8.54E-03	-3.67E+00
6.57E+01	-9.30E+01	7.37E+01	-2.69E-02	-3.67E+00
6.57E+01	-9.30E+01	7.33E+01	-2.44E-02	-3.67E+00
6.57E+01	-9.30E+01	7.31E+01	-3.78E-02	-3.66E+00
6.57E+01	-9.30E+01	7.31E+01	7.32E-03	-3.68E+00
6.57E+01	-9.30E+01	7.32E+01	0.00E+00	-3.66E+00
6.58E+01	-9.30E+01	7.34E+01	-1.22E-02	-3.66E+00
6.58E+01	-9.30E+01	7.33E+01	-1.71E-02	-3.66E+00
6.58E+01	-9.30E+01	7.33E+01	-2.44E-03	-3.65E+00
6.58E+01	-9.30E+01	7.31E+01	-3.30E-02	-3.66E+00
6.58E+01	-9.30E+01	7.33E+01	-1.83E-02	-3.66E+00
6.59E+01	-9.30E+01	7.31E+01	1.22E-02	-3.66E+00
6.59E+01	-9.30E+01	7.29E+01	-3.78E-02	-3.66E+00
6.59E+01	-9.30E+01	7.32E+01	-9.77E-03	-3.64E+00
6.59E+01	-9.30E+01	7.31E+01	-2.69E-02	-3.65E+00
6.59E+01	-9.30E+01	7.31E+01	-1.95E-02	-3.65E+00
6.60E+01	-9.30E+01	7.32E+01	9.77E-03	-3.65E+00
6.60E+01	-9.30E+01	7.31E+01	-1.22E-03	-3.64E+00
6.60E+01	-9.30E+01	7.35E+01	-1.71E-02	-3.63E+00
6.60E+01	-9.30E+01	7.32E+01	-2.69E-02	-3.64E+00
6.60E+01	-9.30E+01	7.29E+01	-2.69E-02	-3.65E+00
6.61E+01	-9.30E+01	7.32E+01	-1.95E-02	-3.64E+00
6.61E+01	-9.30E+01	7.29E+01	4.88E-03	-3.64E+00
6.61E+01	-9.30E+01	7.32E+01	-4.88E-03	-3.62E+00
6.61E+01	-9.30E+01	7.30E+01	-9.77E-03	-3.63E+00
6.61E+01	-9.30E+01	7.31E+01	-1.22E-02	-3.63E+00
6.62E+01	-9.30E+01	7.31E+01	-2.69E-02	-3.63E+00
6.62E+01	-9.30E+01	7.31E+01	-4.64E-02	-3.62E+00
6.62E+01	-9.30E+01	7.30E+01	-7.32E-03	-3.63E+00
6.62E+01	-9.30E+01	7.25E+01	-2.08E-02	-3.64E+00
6.62E+01	-9.30E+01	7.28E+01	-9.77E-03	-3.63E+00
6.63E+01	-9.30E+01	7.32E+01	-1.22E-03	-3.62E+00
6.63E+01	-9.30E+01	7.31E+01	-2.20E-02	-3.61E+00
6.63E+01	-9.30E+01	7.31E+01	-3.42E-02	-3.61E+00
6.63E+01	-9.30E+01	7.28E+01	-2.56E-02	-3.61E+00
6.63E+01	-9.30E+01	7.29E+01	-3.17E-02	-3.61E+00
6.64E+01	-9.30E+01	7.28E+01	0.00E+00	-3.62E+00
6.64E+01	-9.30E+01	7.26E+01	0.00E+00	-3.61E+00
6.64E+01	-9.30E+01	7.29E+01	0.00E+00	-3.61E+00

6.64E+01	-9.30E+01	7.30E+01	-2.69E-02	-3.60E+00
6.64E+01	-9.30E+01	7.30E+01	-4.03E-02	-3.60E+00
6.65E+01	-9.30E+01	7.26E+01	-2.44E-02	-3.61E+00
6.65E+01	-9.30E+01	7.25E+01	-3.17E-02	-3.60E+00
6.65E+01	-9.30E+01	7.28E+01	-1.34E-02	-3.61E+00
6.65E+01	-9.30E+01	7.24E+01	-3.66E-02	-3.61E+00
6.65E+01	-9.30E+01	7.23E+01	-1.46E-02	-3.60E+00
6.66E+01	-9.30E+01	7.27E+01	-7.32E-03	-3.58E+00
6.66E+01	-9.30E+01	7.29E+01	-1.71E-02	-3.59E+00
6.66E+01	-9.30E+01	7.28E+01	-1.22E-02	-3.59E+00
6.66E+01	-9.30E+01	7.27E+01	-4.15E-02	-3.59E+00
6.66E+01	-9.30E+01	7.25E+01	-3.17E-02	-3.59E+00
6.67E+01	-9.30E+01	7.25E+01	-2.44E-02	-3.60E+00
6.67E+01	-9.30E+01	7.26E+01	-1.22E-03	-3.59E+00
6.67E+01	-9.30E+01	7.25E+01	-7.32E-03	-3.58E+00
6.67E+01	-9.30E+01	7.27E+01	-1.83E-02	-3.57E+00
6.67E+01	-9.30E+01	7.27E+01	-2.32E-02	-3.58E+00
6.68E+01	-9.30E+01	7.25E+01	-4.39E-02	-3.60E+00
6.68E+01	-9.30E+01	7.24E+01	-2.44E-02	-3.59E+00
6.68E+01	-9.30E+01	7.26E+01	-1.71E-02	-3.58E+00
6.68E+01	-9.30E+01	7.26E+01	2.44E-03	-3.57E+00
6.68E+01	-9.30E+01	7.21E+01	-7.32E-03	-3.57E+00
6.69E+01	-9.30E+01	7.24E+01	-2.93E-02	-3.56E+00
6.69E+01	-9.30E+01	7.25E+01	-2.93E-02	-3.58E+00
6.69E+01	-9.30E+01	7.25E+01	-1.46E-02	-3.58E+00
6.69E+01	-9.30E+01	7.21E+01	-3.66E-03	-3.58E+00
6.69E+01	-9.30E+01	7.21E+01	-1.22E-03	-3.56E+00
6.70E+01	-9.30E+01	7.27E+01	-1.83E-02	-3.55E+00
6.70E+01	-9.30E+01	7.29E+01	-2.93E-02	-3.56E+00
6.70E+01	-9.30E+01	7.23E+01	4.88E-03	-3.58E+00
6.70E+01	-9.30E+01	7.20E+01	-3.54E-02	-3.56E+00
6.70E+01	-9.30E+01	7.21E+01	-1.22E-03	-3.56E+00
6.71E+01	-9.30E+01	7.26E+01	-2.44E-03	-3.55E+00
6.71E+01	-9.30E+01	7.25E+01	-2.44E-02	-3.55E+00
6.71E+01	-9.30E+01	7.27E+01	-1.59E-02	-3.54E+00
6.71E+01	-9.30E+01	7.24E+01	-2.93E-02	-3.55E+00
6.71E+01	-9.30E+01	7.24E+01	-2.20E-02	-3.55E+00
6.72E+01	-9.30E+01	7.22E+01	1.83E-02	-3.55E+00
6.72E+01	-9.30E+01	7.19E+01	-2.44E-03	-3.55E+00
6.72E+01	-9.30E+01	7.23E+01	-9.77E-03	-3.53E+00
6.72E+01	-9.30E+01	7.27E+01	-1.95E-02	-3.54E+00
6.72E+01	-9.30E+01	7.22E+01	-2.44E-02	-3.55E+00
6.73E+01	-9.30E+01	7.21E+01	-2.81E-02	-3.54E+00
6.73E+01	-9.30E+01	7.20E+01	-1.34E-02	-3.54E+00
6.73E+01	-9.30E+01	7.21E+01	0.00E+00	-3.53E+00
6.73E+01	-9.30E+01	7.26E+01	3.30E-02	-3.52E+00
6.73E+01	-9.30E+01	7.24E+01	-1.83E-02	-3.52E+00

6.74E+01	-9.30E+01	7.21E+01	-3.91E-02	-3.53E+00
6.74E+01	-9.30E+01	7.21E+01	-2.93E-02	-3.53E+00
6.74E+01	-9.30E+01	7.23E+01	-2.44E-02	-3.54E+00
6.74E+01	-9.30E+01	7.19E+01	-3.30E-02	-3.53E+00
6.74E+01	-9.30E+01	7.22E+01	-7.32E-03	-3.52E+00
6.75E+01	-9.30E+01	7.23E+01	-1.22E-02	-3.51E+00
6.75E+01	-9.30E+01	7.23E+01	-2.69E-02	-3.52E+00
6.75E+01	-9.30E+01	7.20E+01	-2.08E-02	-3.52E+00
6.75E+01	-9.30E+01	7.18E+01	-2.08E-02	-3.52E+00
6.75E+01	-9.30E+01	7.18E+01	-7.32E-03	-3.52E+00
6.76E+01	-9.30E+01	7.21E+01	-1.22E-03	-3.51E+00
6.76E+01	-9.30E+01	7.22E+01	1.46E-02	-3.51E+00
6.76E+01	-9.30E+01	7.22E+01	-2.69E-02	-3.50E+00
6.76E+01	-9.30E+01	7.22E+01	-1.22E-02	-3.50E+00
6.76E+01	-9.30E+01	7.22E+01	-1.95E-02	-3.51E+00
6.77E+01	-9.30E+01	7.20E+01	-2.93E-02	-3.51E+00
6.77E+01	-9.30E+01	7.19E+01	-7.32E-03	-3.50E+00
6.77E+01	-9.30E+01	7.20E+01	-2.93E-02	-3.50E+00
6.77E+01	-9.30E+01	7.22E+01	-1.46E-02	-3.49E+00
6.77E+01	-9.30E+01	7.22E+01	-2.32E-02	-3.49E+00
6.78E+01	-9.30E+01	7.21E+01	-2.69E-02	-3.51E+00
6.78E+01	-9.30E+01	7.21E+01	-9.77E-03	-3.50E+00
6.78E+01	-9.30E+01	7.20E+01	-1.22E-03	-3.50E+00
6.78E+01	-9.30E+01	7.23E+01	0.00E+00	-3.49E+00
6.78E+01	-9.30E+01	7.22E+01	-1.22E-02	-3.48E+00
6.79E+01	-9.30E+01	7.25E+01	-3.42E-02	-3.48E+00
6.79E+01	-9.30E+01	7.24E+01	-2.32E-02	-3.49E+00
6.79E+01	-9.30E+01	7.23E+01	-3.54E-02	-3.48E+00
6.79E+01	-9.30E+01	7.22E+01	-2.56E-02	-3.47E+00
6.79E+01	-9.30E+01	7.20E+01	-3.66E-02	-3.49E+00
6.80E+01	-9.30E+01	7.24E+01	-1.46E-02	-3.48E+00
6.80E+01	-9.30E+01	7.25E+01	-9.77E-03	-3.47E+00
6.80E+01	-9.30E+01	7.23E+01	-3.17E-02	-3.47E+00
6.80E+01	-9.30E+01	7.23E+01	-3.05E-02	-3.49E+00
6.80E+01	-9.30E+01	7.24E+01	-7.32E-03	-3.48E+00
6.81E+01	-9.30E+01	7.22E+01	-1.71E-02	-3.48E+00
6.81E+01	-9.30E+01	7.24E+01	-9.77E-03	-3.47E+00
6.81E+01	-9.30E+01	7.25E+01	-2.20E-02	-3.47E+00
6.81E+01	-9.30E+01	7.22E+01	-1.46E-02	-3.46E+00
6.81E+01	-9.30E+01	7.25E+01	-3.30E-02	-3.46E+00
6.82E+01	-9.30E+01	7.26E+01	-3.42E-02	-3.46E+00
6.82E+01	-9.30E+01	7.21E+01	-2.44E-02	-3.48E+00
6.82E+01	-9.30E+01	7.19E+01	7.32E-03	-3.46E+00
6.82E+01	-9.30E+01	7.25E+01	2.44E-03	-3.46E+00
6.82E+01	-9.30E+01	7.26E+01	-4.88E-03	-3.46E+00
6.83E+01	-9.30E+01	7.26E+01	-3.17E-02	-3.44E+00
6.83E+01	-9.30E+01	7.23E+01	-2.20E-02	-3.46E+00

6.83E+01	-9.30E+01	7.23E+01	-2.44E-02	-3.46E+00
6.83E+01	-9.30E+01	7.23E+01	-1.46E-02	-3.45E+00
6.83E+01	-9.30E+01	7.26E+01	6.10E-03	-3.46E+00
6.84E+01	-9.30E+01	7.23E+01	4.88E-03	-3.44E+00
6.84E+01	-9.30E+01	7.26E+01	-1.46E-02	-3.44E+00
6.84E+01	-9.30E+01	7.27E+01	-2.56E-02	-3.44E+00
6.84E+01	-9.30E+01	7.24E+01	-3.54E-02	-3.45E+00
6.84E+01	-9.30E+01	7.26E+01	-1.59E-02	-3.44E+00
6.85E+01	-9.30E+01	7.24E+01	4.88E-03	-3.44E+00
6.85E+01	-9.30E+01	7.26E+01	-7.32E-03	-3.43E+00
6.85E+01	-9.30E+01	7.28E+01	-1.83E-02	-3.43E+00
6.85E+01	-9.30E+01	7.23E+01	-1.59E-02	-3.44E+00
6.85E+01	-9.30E+01	7.23E+01	-3.05E-02	-3.44E+00
6.86E+01	-9.30E+01	7.25E+01	-1.71E-02	-3.44E+00
6.86E+01	-9.30E+01	7.25E+01	-1.34E-02	-3.43E+00
6.86E+01	-9.30E+01	7.26E+01	-1.22E-02	-3.43E+00
6.86E+01	-9.30E+01	7.29E+01	-7.32E-03	-3.41E+00
6.86E+01	-9.30E+01	7.27E+01	-1.22E-02	-3.41E+00
6.87E+01	-9.30E+01	7.26E+01	-4.64E-02	-3.42E+00
6.87E+01	-9.30E+01	7.26E+01	-3.17E-02	-3.42E+00
6.87E+01	-9.30E+01	7.25E+01	-1.95E-02	-3.43E+00
6.87E+01	-9.30E+01	7.25E+01	-2.08E-02	-3.41E+00
6.87E+01	-9.30E+01	7.28E+01	1.46E-02	-3.41E+00
6.88E+01	-9.30E+01	7.28E+01	2.44E-03	-3.41E+00
6.88E+01	-9.30E+01	7.26E+01	-2.32E-02	-3.41E+00
6.88E+01	-9.30E+01	7.28E+01	-2.44E-02	-3.40E+00
6.88E+01	-9.30E+01	7.28E+01	-3.54E-02	-3.41E+00
6.88E+01	-9.30E+01	7.26E+01	-2.44E-02	-3.42E+00
6.89E+01	-9.30E+01	7.26E+01	-1.34E-02	-3.41E+00
6.89E+01	-9.30E+01	7.26E+01	-4.88E-03	-3.40E+00
6.89E+01	-9.30E+01	7.29E+01	-1.46E-02	-3.39E+00
6.89E+01	-9.30E+01	7.27E+01	-2.08E-02	-3.39E+00
6.89E+01	-9.30E+01	7.26E+01	-2.20E-02	-3.40E+00
6.90E+01	-9.30E+01	7.26E+01	-3.54E-02	-3.39E+00
6.90E+01	-9.30E+01	7.29E+01	-4.39E-02	-3.40E+00
6.90E+01	-9.30E+01	7.27E+01	-1.22E-02	-3.40E+00
6.90E+01	-9.30E+01	7.24E+01	0.00E+00	-3.40E+00
6.90E+01	-9.30E+01	7.27E+01	-7.32E-03	-3.39E+00
6.91E+01	-9.30E+01	7.29E+01	7.32E-03	-3.38E+00
6.91E+01	-9.30E+01	7.29E+01	-3.91E-02	-3.39E+00
6.91E+01	-9.30E+01	7.28E+01	-1.59E-02	-3.39E+00
6.91E+01	-9.30E+01	7.27E+01	-9.77E-03	-3.39E+00
6.91E+01	-9.30E+01	7.28E+01	-3.66E-02	-3.38E+00
6.92E+01	-9.30E+01	7.32E+01	-1.10E-02	-3.37E+00
6.92E+01	-9.30E+01	7.30E+01	-2.08E-02	-3.38E+00
6.92E+01	-9.30E+01	7.29E+01	-2.93E-02	-3.38E+00
6.92E+01	-9.30E+01	7.27E+01	-3.91E-02	-3.37E+00

6.92E+01	-9.30E+01	7.29E+01	-3.54E-02	-3.38E+00
6.93E+01	-9.30E+01	7.29E+01	-1.46E-02	-3.38E+00
6.93E+01	-9.30E+01	7.28E+01	-1.22E-02	-3.37E+00
6.93E+01	-9.30E+01	7.28E+01	-4.88E-03	-3.36E+00
6.93E+01	-9.30E+01	7.31E+01	-3.78E-02	-3.36E+00
6.93E+01	-9.30E+01	7.30E+01	-3.42E-02	-3.35E+00
6.94E+01	-9.30E+01	7.29E+01	-1.59E-02	-3.37E+00
6.94E+01	-9.30E+01	7.25E+01	-1.71E-02	-3.37E+00
6.94E+01	-9.30E+01	7.29E+01	-2.93E-02	-3.36E+00
6.94E+01	-9.30E+01	7.28E+01	1.22E-03	-3.36E+00
6.94E+01	-9.30E+01	7.30E+01	-4.88E-03	-3.35E+00
6.95E+01	-9.30E+01	7.30E+01	-2.44E-02	-3.35E+00
6.95E+01	-9.30E+01	7.28E+01	-2.93E-02	-3.36E+00
6.95E+01	-9.30E+01	7.28E+01	-3.17E-02	-3.37E+00
6.95E+01	-9.30E+01	7.29E+01	1.22E-03	-3.36E+00
6.95E+01	-9.30E+01	7.28E+01	6.10E-03	-3.35E+00
6.96E+01	-9.30E+01	7.27E+01	-3.66E-03	-3.35E+00
6.96E+01	-9.30E+01	7.30E+01	-1.10E-02	-3.34E+00
6.96E+01	-9.30E+01	7.32E+01	-3.78E-02	-3.34E+00
6.96E+01	-9.30E+01	7.27E+01	-3.17E-02	-3.34E+00
6.96E+01	-9.30E+01	7.27E+01	-3.05E-02	-3.34E+00
6.97E+01	-9.30E+01	7.27E+01	-1.46E-02	-3.34E+00
6.97E+01	-9.30E+01	7.29E+01	-1.22E-03	-3.34E+00
6.97E+01	-9.30E+01	7.32E+01	-3.05E-02	-3.33E+00
6.97E+01	-9.30E+01	7.27E+01	-8.54E-03	-3.33E+00
6.97E+01	-9.30E+01	7.28E+01	-3.66E-02	-3.32E+00
6.98E+01	-9.30E+01	7.29E+01	-4.39E-02	-3.33E+00
6.98E+01	-9.30E+01	7.27E+01	-2.08E-02	-3.33E+00
6.98E+01	-9.30E+01	7.28E+01	-2.44E-02	-3.34E+00
6.98E+01	-9.30E+01	7.27E+01	-2.56E-02	-3.33E+00
6.98E+01	-9.30E+01	7.27E+01	-1.95E-02	-3.32E+00
6.99E+01	-9.30E+01	7.29E+01	9.77E-03	-3.32E+00
6.99E+01	-9.30E+01	7.29E+01	-1.22E-03	-3.32E+00
6.99E+01	-9.30E+01	7.31E+01	-1.46E-02	-3.29E+00
6.99E+01	-9.30E+01	7.30E+01	-2.44E-02	-3.31E+00
6.99E+01	-9.30E+01	7.26E+01	-3.54E-02	-3.31E+00
7.00E+01	-9.30E+01	7.27E+01	-2.44E-02	-3.32E+00
7.00E+01	-9.30E+01	7.27E+01	-1.95E-02	-3.33E+00
7.00E+01	-9.30E+01	7.28E+01	7.32E-03	-3.30E+00
7.00E+01	-9.30E+01	7.29E+01	-3.66E-03	-3.30E+00
7.00E+01	-9.30E+01	7.29E+01	-9.77E-03	-3.30E+00
7.01E+01	-9.30E+01	7.30E+01	-4.15E-02	-3.31E+00
7.01E+01	-9.30E+01	7.29E+01	-2.69E-02	-3.30E+00
7.01E+01	-9.30E+01	7.27E+01	-2.20E-02	-3.31E+00
7.01E+01	-9.30E+01	7.25E+01	-1.71E-02	-3.31E+00
7.01E+01	-9.30E+01	7.28E+01	4.88E-03	-3.29E+00
7.02E+01	-9.30E+01	7.28E+01	-1.83E-02	-3.29E+00

7.02E+01	-9.30E+01	7.32E+01	-2.44E-02	-3.29E+00
7.02E+01	-9.30E+01	7.29E+01	-3.17E-02	-3.29E+00
7.02E+01	-9.30E+01	7.29E+01	-2.93E-02	-3.30E+00
7.02E+01	-9.30E+01	7.25E+01	-2.20E-02	-3.30E+00
7.03E+01	-9.30E+01	7.26E+01	-9.77E-03	-3.29E+00
7.03E+01	-9.30E+01	7.29E+01	0.00E+00	-3.27E+00
7.03E+01	-9.30E+01	7.29E+01	-3.42E-02	-3.29E+00
7.03E+01	-9.30E+01	7.31E+01	-1.95E-02	-3.27E+00
7.03E+01	-9.30E+01	7.27E+01	-2.69E-02	-3.28E+00
7.04E+01	-9.30E+01	7.22E+01	-2.69E-02	-3.28E+00
7.04E+01	-9.30E+01	7.25E+01	-4.39E-02	-3.28E+00
7.04E+01	-9.30E+01	7.25E+01	-4.88E-03	-3.28E+00
7.04E+01	-9.30E+01	7.28E+01	-6.10E-03	-3.28E+00
7.04E+01	-9.30E+01	7.26E+01	-8.54E-03	-3.26E+00
7.05E+01	-9.30E+01	7.29E+01	7.32E-03	-3.26E+00
7.05E+01	-9.30E+01	7.31E+01	-4.88E-03	-3.27E+00
7.05E+01	-9.30E+01	7.31E+01	-2.44E-02	-3.26E+00
7.05E+01	-9.30E+01	7.28E+01	-3.66E-02	-3.26E+00
7.05E+01	-9.30E+01	7.26E+01	-3.66E-02	-3.27E+00
7.06E+01	-9.30E+01	7.26E+01	-4.15E-02	-3.27E+00
7.06E+01	-9.30E+01	7.28E+01	-1.95E-02	-3.26E+00
7.06E+01	-9.30E+01	7.27E+01	-2.44E-03	-3.27E+00
7.06E+01	-9.30E+01	7.26E+01	-1.22E-03	-3.26E+00
7.06E+01	-9.30E+01	7.26E+01	-4.88E-03	-3.25E+00
7.07E+01	-9.30E+01	7.32E+01	-1.10E-02	-3.24E+00
7.07E+01	-9.30E+01	7.29E+01	-1.46E-02	-3.25E+00
7.07E+01	-9.30E+01	7.26E+01	-2.08E-02	-3.25E+00
7.07E+01	-9.30E+01	7.28E+01	-3.66E-02	-3.25E+00
7.07E+01	-9.30E+01	7.29E+01	-2.69E-02	-3.25E+00
7.08E+01	-9.30E+01	7.27E+01	-1.22E-02	-3.24E+00
7.08E+01	-9.30E+01	7.26E+01	-4.39E-02	-3.25E+00
7.08E+01	-9.30E+01	7.25E+01	-8.54E-03	-3.24E+00
7.08E+01	-9.30E+01	7.28E+01	0.00E+00	-3.24E+00
7.08E+01	-9.30E+01	7.30E+01	-8.54E-03	-3.23E+00
7.09E+01	-9.30E+01	7.29E+01	-2.20E-02	-3.24E+00
7.09E+01	-9.30E+01	7.23E+01	-3.30E-02	-3.24E+00
7.09E+01	-9.30E+01	7.25E+01	-2.81E-02	-3.24E+00
7.09E+01	-9.30E+01	7.28E+01	-9.77E-03	-3.24E+00
7.09E+01	-9.30E+01	7.27E+01	0.00E+00	-3.24E+00
7.10E+01	-9.30E+01	7.27E+01	-2.44E-03	-3.23E+00
7.10E+01	-9.30E+01	7.31E+01	-1.22E-02	-3.22E+00
7.10E+01	-9.30E+01	7.29E+01	-2.69E-02	-3.22E+00
7.10E+01	-9.30E+01	7.26E+01	-3.42E-02	-3.23E+00
7.10E+01	-9.30E+01	7.26E+01	-1.46E-02	-3.23E+00
7.11E+01	-9.30E+01	7.26E+01	-9.77E-03	-3.24E+00
7.11E+01	-9.30E+01	7.26E+01	1.59E-02	-3.21E+00
7.11E+01	-9.30E+01	7.29E+01	-7.32E-03	-3.21E+00

7.11E+01	-9.30E+01	7.29E+01	-1.46E-02	-3.21E+00
7.11E+01	-9.30E+01	7.29E+01	-3.17E-02	-3.21E+00
7.12E+01	-9.30E+01	7.28E+01	-4.39E-02	-3.22E+00
7.12E+01	-9.30E+01	7.29E+01	-3.66E-02	-3.22E+00
7.12E+01	-9.30E+01	7.26E+01	-2.08E-02	-3.22E+00
7.12E+01	-9.30E+01	7.29E+01	-7.32E-03	-3.21E+00
7.12E+01	-9.30E+01	7.28E+01	1.34E-02	-3.21E+00
7.13E+01	-9.30E+01	7.27E+01	-1.46E-02	-3.20E+00
7.13E+01	-9.30E+01	7.31E+01	-1.95E-02	-3.20E+00
7.13E+01	-9.30E+01	7.28E+01	-2.44E-02	-3.19E+00
7.13E+01	-9.30E+01	7.26E+01	-3.66E-02	-3.21E+00
7.13E+01	-9.30E+01	7.28E+01	-2.44E-02	-3.20E+00
7.14E+01	-9.30E+01	7.27E+01	0.00E+00	-3.20E+00
7.14E+01	-9.30E+01	7.26E+01	-3.66E-03	-3.20E+00
7.14E+01	-9.30E+01	7.31E+01	-2.20E-02	-3.19E+00
7.14E+01	-9.30E+01	7.28E+01	-2.69E-02	-3.19E+00
7.14E+01	-9.30E+01	7.26E+01	-3.30E-02	-3.18E+00
7.15E+01	-9.30E+01	7.28E+01	-3.17E-02	-3.19E+00
7.15E+01	-9.30E+01	7.28E+01	-9.77E-03	-3.19E+00
7.15E+01	-9.30E+01	7.27E+01	-1.22E-02	-3.19E+00
7.15E+01	-9.30E+01	7.25E+01	-1.34E-02	-3.19E+00
7.15E+01	-9.30E+01	7.28E+01	-9.77E-03	-3.17E+00
7.16E+01	-9.30E+01	7.28E+01	-2.44E-03	-3.18E+00
7.16E+01	-9.30E+01	7.29E+01	-1.95E-02	-3.17E+00
7.16E+01	-9.30E+01	7.29E+01	-2.44E-02	-3.17E+00
7.16E+01	-9.30E+01	7.26E+01	-1.95E-02	-3.18E+00
7.16E+01	-9.30E+01	7.28E+01	4.88E-03	-3.18E+00
7.17E+01	-9.30E+01	7.28E+01	-4.88E-03	-3.18E+00
7.17E+01	-9.30E+01	7.27E+01	9.77E-03	-3.17E+00
7.17E+01	-9.30E+01	7.27E+01	-1.71E-02	-3.16E+00
7.17E+01	-9.30E+01	7.28E+01	-1.95E-02	-3.16E+00
7.17E+01	-9.30E+01	7.30E+01	-2.93E-02	-3.17E+00
7.18E+01	-9.30E+01	7.27E+01	-3.05E-02	-3.17E+00
7.18E+01	-9.30E+01	7.27E+01	-4.03E-02	-3.17E+00
7.18E+01	-9.30E+01	7.27E+01	2.44E-03	-3.16E+00
7.18E+01	-9.30E+01	7.31E+01	-4.88E-03	-3.15E+00
7.18E+01	-9.30E+01	7.30E+01	-2.20E-02	-3.15E+00
7.19E+01	-9.30E+01	7.29E+01	-2.20E-02	-3.15E+00
7.19E+01	-9.30E+01	7.32E+01	-4.39E-02	-3.16E+00
7.19E+01	-9.30E+01	7.27E+01	0.00E+00	-3.16E+00
7.19E+01	-9.30E+01	7.29E+01	-8.54E-03	-3.15E+00
7.19E+01	-9.30E+01	7.30E+01	-1.71E-02	-3.14E+00
7.20E+01	-9.30E+01	7.30E+01	-3.66E-02	-3.14E+00
7.20E+01	-9.30E+01	7.29E+01	-3.30E-02	-3.16E+00
7.20E+01	-9.30E+01	7.27E+01	-9.77E-03	-3.15E+00
7.20E+01	-9.30E+01	7.27E+01	-4.88E-03	-3.15E+00
7.20E+01	-9.30E+01	7.26E+01	-1.22E-02	-3.14E+00

7.21E+01	-9.30E+01	7.30E+01	-1.22E-02	-3.14E+00
7.21E+01	-9.30E+01	7.29E+01	-2.93E-02	-3.12E+00
7.21E+01	-9.30E+01	7.29E+01	-3.66E-02	-3.13E+00
7.21E+01	-9.30E+01	7.28E+01	-2.44E-02	-3.14E+00
7.21E+01	-9.30E+01	7.27E+01	-1.34E-02	-3.14E+00
7.22E+01	-9.30E+01	7.28E+01	-1.71E-02	-3.13E+00
7.22E+01	-9.30E+01	7.27E+01	-2.44E-02	-3.12E+00
7.22E+01	-9.30E+01	7.30E+01	-9.77E-03	-3.13E+00
7.22E+01	-9.30E+01	7.29E+01	-3.66E-02	-3.12E+00
7.22E+01	-9.30E+01	7.28E+01	-1.59E-02	-3.13E+00
7.23E+01	-9.30E+01	7.27E+01	-1.71E-02	-3.13E+00
7.23E+01	-9.30E+01	7.24E+01	-1.22E-02	-3.12E+00
7.23E+01	-9.30E+01	7.28E+01	-8.54E-03	-3.12E+00
7.23E+01	-9.30E+01	7.28E+01	-1.22E-03	-3.11E+00
7.23E+01	-9.30E+01	7.30E+01	-2.69E-02	-3.11E+00
7.24E+01	-9.30E+01	7.28E+01	-2.81E-02	-3.12E+00
7.24E+01	-9.30E+01	7.27E+01	-1.71E-02	-3.12E+00
7.24E+01	-9.30E+01	7.27E+01	-2.32E-02	-3.12E+00
7.24E+01	-9.30E+01	7.27E+01	-2.93E-02	-3.11E+00
7.24E+01	-9.30E+01	7.26E+01	3.66E-03	-3.09E+00
7.25E+01	-9.30E+01	7.29E+01	-1.71E-02	-3.10E+00
7.25E+01	-9.30E+01	7.31E+01	-2.44E-02	-3.10E+00
7.25E+01	-9.30E+01	7.26E+01	-2.93E-02	-3.10E+00
7.25E+01	-9.30E+01	7.24E+01	-3.42E-02	-3.09E+00
7.25E+01	-9.30E+01	7.27E+01	-1.10E-02	-3.10E+00
7.26E+01	-9.30E+01	7.27E+01	0.00E+00	-3.09E+00
7.26E+01	-9.30E+01	7.27E+01	-9.77E-03	-3.08E+00
7.26E+01	-9.30E+01	7.28E+01	-1.83E-02	-3.09E+00
7.26E+01	-9.30E+01	7.28E+01	-4.27E-02	-3.09E+00
7.26E+01	-9.30E+01	7.29E+01	-7.32E-03	-3.09E+00
7.27E+01	-9.30E+01	7.26E+01	-1.95E-02	-3.09E+00
7.27E+01	-9.30E+01	7.24E+01	-4.88E-03	-3.09E+00
7.27E+01	-9.30E+01	7.29E+01	-1.95E-02	-3.07E+00
7.27E+01	-9.30E+01	7.28E+01	-2.56E-02	-3.08E+00
7.27E+01	-9.30E+01	7.25E+01	-3.17E-02	-3.08E+00
7.28E+01	-9.30E+01	7.26E+01	2.44E-03	-3.08E+00
7.28E+01	-9.30E+01	7.28E+01	-4.88E-03	-3.08E+00
7.28E+01	-9.30E+01	7.25E+01	-1.10E-02	-3.07E+00
7.28E+01	-9.30E+01	7.29E+01	-9.77E-03	-3.06E+00
7.28E+01	-9.30E+01	7.27E+01	-3.05E-02	-3.07E+00
7.29E+01	-9.30E+01	7.27E+01	-9.77E-03	-3.06E+00
7.29E+01	-9.30E+01	7.23E+01	2.44E-03	-3.07E+00
7.29E+01	-9.30E+01	7.23E+01	-1.10E-02	-3.08E+00
7.29E+01	-9.30E+01	7.24E+01	-1.71E-02	-3.06E+00
7.29E+01	-9.30E+01	7.29E+01	2.44E-03	-3.05E+00
7.30E+01	-9.30E+01	7.29E+01	-1.95E-02	-3.06E+00
7.30E+01	-9.30E+01	7.27E+01	-3.91E-02	-3.08E+00

7.30E+01	-9.30E+01	7.23E+01	-1.46E-02	-3.07E+00
7.30E+01	-9.30E+01	7.23E+01	-1.71E-02	-3.07E+00
7.30E+01	-9.30E+01	7.24E+01	-1.71E-02	-3.06E+00
7.31E+01	-9.30E+01	7.24E+01	-7.32E-03	-3.05E+00
7.31E+01	-9.30E+01	7.25E+01	4.39E-02	-3.06E+00
7.31E+01	-9.30E+01	7.28E+01	-1.46E-02	-3.04E+00
7.31E+01	-9.30E+01	7.29E+01	-1.95E-02	-3.04E+00
7.31E+01	-9.30E+01	7.27E+01	-3.17E-02	-3.04E+00
7.32E+01	-9.30E+01	7.24E+01	-3.17E-02	-3.05E+00
7.32E+01	-9.30E+01	7.23E+01	-9.77E-03	-3.05E+00
7.32E+01	-9.30E+01	7.27E+01	4.88E-03	-3.04E+00
7.32E+01	-9.30E+01	7.26E+01	-9.77E-03	-3.03E+00
7.32E+01	-9.30E+01	7.26E+01	-2.20E-02	-3.03E+00
7.33E+01	-9.30E+01	7.24E+01	-2.69E-02	-3.04E+00
7.33E+01	-9.30E+01	7.23E+01	-2.69E-02	-3.03E+00
7.33E+01	-9.30E+01	7.24E+01	4.88E-03	-3.04E+00
7.33E+01	-9.30E+01	7.24E+01	3.66E-02	-3.02E+00
7.33E+01	-9.30E+01	7.25E+01	8.54E-03	-3.02E+00
7.34E+01	-9.30E+01	7.26E+01	-1.95E-02	-3.03E+00
7.34E+01	-9.30E+01	7.25E+01	-4.15E-02	-3.03E+00
7.34E+01	-9.30E+01	7.24E+01	-3.30E-02	-3.03E+00
7.34E+01	-9.30E+01	7.20E+01	4.88E-03	-3.03E+00
7.34E+01	-9.30E+01	7.24E+01	-4.88E-03	-3.01E+00
7.35E+01	-9.30E+01	7.25E+01	-2.44E-02	-3.01E+00
7.35E+01	-9.30E+01	7.27E+01	-2.93E-02	-3.02E+00
7.35E+01	-9.30E+01	7.23E+01	-3.30E-02	-3.02E+00
7.35E+01	-9.30E+01	7.23E+01	-2.93E-02	-3.01E+00
7.35E+01	-9.30E+01	7.23E+01	-2.56E-02	-3.02E+00
7.36E+01	-9.30E+01	7.26E+01	-1.71E-02	-3.01E+00
7.36E+01	-9.30E+01	7.25E+01	-7.32E-03	-3.00E+00
7.36E+01	-9.30E+01	7.26E+01	-1.22E-02	-3.00E+00
7.36E+01	-9.30E+01	7.25E+01	-4.03E-02	-3.00E+00
7.36E+01	-9.30E+01	7.24E+01	-3.05E-02	-3.01E+00
7.37E+01	-9.30E+01	7.22E+01	-1.46E-02	-3.02E+00
7.37E+01	-9.30E+01	7.22E+01	4.88E-03	-2.99E+00
7.37E+01	-9.30E+01	7.24E+01	-4.88E-03	-2.99E+00
7.37E+01	-9.30E+01	7.23E+01	-7.32E-03	-2.99E+00
7.37E+01	-9.30E+01	7.23E+01	-3.66E-02	-3.00E+00
7.38E+01	-9.30E+01	7.22E+01	-2.20E-02	-3.00E+00
7.38E+01	-9.30E+01	7.21E+01	-1.34E-02	-3.01E+00
7.38E+01	-9.30E+01	7.23E+01	-3.66E-03	-3.00E+00
7.38E+01	-9.30E+01	7.23E+01	2.44E-03	-3.00E+00
7.38E+01	-9.30E+01	7.23E+01	0.00E+00	-2.99E+00
7.39E+01	-9.30E+01	7.21E+01	-2.20E-02	-2.98E+00
7.39E+01	-9.30E+01	7.20E+01	-2.44E-02	-2.98E+00
7.39E+01	-9.30E+01	7.19E+01	-2.69E-02	-3.00E+00
7.39E+01	-9.30E+01	7.22E+01	-4.88E-02	-2.99E+00

7.39E+01	-9.30E+01	7.21E+01	6.10E-03	-2.98E+00
7.40E+01	-9.30E+01	7.22E+01	-1.22E-02	-2.97E+00
7.40E+01	-9.30E+01	7.25E+01	-2.56E-02	-2.97E+00
7.40E+01	-9.30E+01	7.24E+01	-1.22E-02	-2.97E+00
7.40E+01	-9.30E+01	7.22E+01	-5.37E-02	-2.98E+00
7.40E+01	-9.30E+01	7.18E+01	-2.44E-02	-2.97E+00
7.41E+01	-9.30E+01	7.19E+01	4.88E-03	-2.98E+00
7.41E+01	-9.30E+01	7.21E+01	2.44E-03	-2.96E+00
7.41E+01	-9.30E+01	7.22E+01	-1.71E-02	-2.95E+00
7.41E+01	-9.30E+01	7.23E+01	-2.44E-02	-2.96E+00
7.41E+01	-9.30E+01	7.20E+01	-3.66E-02	-2.98E+00
7.42E+01	-9.30E+01	7.20E+01	-5.37E-02	-2.97E+00
7.42E+01	-9.30E+01	7.22E+01	0.00E+00	-2.96E+00
7.42E+01	-9.30E+01	7.21E+01	-2.44E-03	-2.95E+00
7.42E+01	-9.30E+01	7.22E+01	-1.71E-02	-2.94E+00
7.42E+01	-9.30E+01	7.19E+01	-2.44E-02	-2.95E+00
7.43E+01	-9.30E+01	7.19E+01	-3.17E-02	-2.95E+00
7.43E+01	-9.30E+01	7.22E+01	-2.81E-02	-2.97E+00
7.43E+01	-9.30E+01	7.20E+01	-1.83E-02	-2.95E+00
7.43E+01	-9.30E+01	7.16E+01	-2.44E-03	-2.95E+00
7.43E+01	-9.30E+01	7.21E+01	-4.88E-03	-2.93E+00
7.44E+01	-9.30E+01	7.23E+01	-9.77E-03	-2.93E+00
7.44E+01	-9.30E+01	7.22E+01	-1.95E-02	-2.94E+00
7.44E+01	-9.30E+01	7.22E+01	-4.76E-02	-2.94E+00
7.44E+01	-9.30E+01	7.18E+01	-1.71E-02	-2.95E+00
7.44E+01	-9.30E+01	7.21E+01	0.00E+00	-2.94E+00
7.45E+01	-9.30E+01	7.22E+01	-1.22E-02	-2.93E+00
7.45E+01	-9.30E+01	7.21E+01	-1.46E-02	-2.93E+00
7.45E+01	-9.30E+01	7.19E+01	-3.54E-02	-2.93E+00
7.45E+01	-9.30E+01	7.20E+01	-1.71E-02	-2.93E+00
7.45E+01	-9.30E+01	7.18E+01	1.46E-02	-2.93E+00
7.46E+01	-9.30E+01	7.14E+01	-2.69E-02	-2.93E+00
7.46E+01	-9.30E+01	7.18E+01	-4.88E-03	-2.93E+00
7.46E+01	-9.30E+01	7.20E+01	2.44E-03	-2.92E+00
7.46E+01	-9.30E+01	7.23E+01	-2.93E-02	-2.91E+00
7.46E+01	-9.30E+01	7.20E+01	-2.93E-02	-2.92E+00
7.47E+01	-9.30E+01	7.16E+01	-2.69E-02	-2.92E+00
7.47E+01	-9.30E+01	7.18E+01	-7.08E-02	-2.93E+00
7.47E+01	-9.30E+01	7.22E+01	-6.10E-03	-2.92E+00
7.47E+01	-9.30E+01	7.18E+01	6.10E-03	-2.91E+00
7.47E+01	-9.30E+01	7.18E+01	-1.22E-02	-2.90E+00
7.48E+01	-9.30E+01	7.21E+01	-1.34E-02	-2.90E+00
7.48E+01	-9.30E+01	7.21E+01	-5.13E-02	-2.92E+00
7.48E+01	-9.30E+01	7.18E+01	-2.81E-02	-2.91E+00
7.48E+01	-9.30E+01	7.18E+01	2.44E-03	-2.90E+00
7.48E+01	-9.30E+01	7.19E+01	-1.22E-02	-2.90E+00
7.49E+01	-9.30E+01	7.22E+01	-1.71E-02	-2.89E+00

7.49E+01	-9.30E+01	7.19E+01	-2.44E-02	-2.91E+00
7.49E+01	-9.30E+01	7.16E+01	-1.46E-02	-2.91E+00
7.49E+01	-9.30E+01	7.17E+01	-7.32E-03	-2.91E+00
7.49E+01	-9.30E+01	7.20E+01	1.10E-02	-2.89E+00
7.50E+01	-9.30E+01	7.21E+01	-2.32E-02	-2.89E+00
7.50E+01	-9.30E+01	7.19E+01	-1.71E-02	-2.89E+00
7.50E+01	-9.30E+01	7.18E+01	-3.42E-02	-2.90E+00
7.50E+01	-9.30E+01	7.18E+01	-3.17E-02	-2.89E+00
7.50E+01	-9.30E+01	7.16E+01	-7.32E-03	-2.89E+00
7.51E+01	-9.30E+01	7.17E+01	-2.44E-03	-2.88E+00
7.51E+01	-9.30E+01	7.20E+01	-4.88E-03	-2.88E+00
7.51E+01	-9.30E+01	7.20E+01	-1.95E-02	-2.88E+00
7.51E+01	-9.30E+01	7.18E+01	-3.42E-02	-2.88E+00
7.51E+01	-9.30E+01	7.17E+01	-9.77E-03	-2.88E+00
7.52E+01	-9.30E+01	7.18E+01	2.69E-02	-2.88E+00
7.52E+01	-9.30E+01	7.20E+01	-2.08E-02	-2.87E+00
7.52E+01	-9.30E+01	7.21E+01	-1.59E-02	-2.87E+00
7.52E+01	-9.30E+01	7.18E+01	-1.71E-02	-2.88E+00
7.52E+01	-9.30E+01	7.17E+01	-2.69E-02	-2.87E+00
7.53E+01	-9.30E+01	7.17E+01	-7.32E-03	-2.87E+00
7.53E+01	-9.30E+01	7.19E+01	9.77E-03	-2.86E+00
7.53E+01	-9.30E+01	7.21E+01	-1.59E-02	-2.85E+00
7.53E+01	-9.30E+01	7.16E+01	-1.46E-02	-2.86E+00
7.53E+01	-9.30E+01	7.16E+01	-2.93E-02	-2.88E+00
7.54E+01	-9.30E+01	7.18E+01	-9.77E-03	-2.86E+00
7.54E+01	-9.30E+01	7.17E+01	7.32E-03	-2.86E+00
7.54E+01	-9.30E+01	7.16E+01	-7.32E-03	-2.86E+00
7.54E+01	-9.30E+01	7.19E+01	-1.46E-02	-2.84E+00
7.54E+01	-9.30E+01	7.20E+01	-4.88E-03	-2.86E+00
7.55E+01	-9.30E+01	7.14E+01	0.00E+00	-2.85E+00
7.55E+01	-9.30E+01	7.18E+01	-1.34E-02	-2.85E+00
7.55E+01	-9.30E+01	7.16E+01	0.00E+00	-2.85E+00
7.55E+01	-9.30E+01	7.18E+01	-9.77E-03	-2.84E+00
7.55E+01	-9.30E+01	7.20E+01	-1.10E-02	-2.84E+00
7.56E+01	-9.30E+01	7.15E+01	-3.17E-02	-2.84E+00
7.56E+01	-9.30E+01	7.19E+01	-2.56E-02	-2.83E+00
7.56E+01	-9.30E+01	7.18E+01	-2.20E-02	-2.86E+00
7.56E+01	-9.30E+01	7.17E+01	-9.77E-03	-2.84E+00
7.56E+01	-9.30E+01	7.17E+01	-8.54E-03	-2.81E+00
7.57E+01	-9.30E+01	7.18E+01	-1.95E-02	-2.83E+00
7.57E+01	-9.30E+01	7.20E+01	-1.95E-02	-2.83E+00
7.57E+01	-9.30E+01	7.19E+01	-3.42E-02	-2.83E+00
7.57E+01	-9.30E+01	7.17E+01	-1.95E-02	-2.83E+00
7.57E+01	-9.30E+01	7.17E+01	-4.88E-02	-2.83E+00
7.58E+01	-9.30E+01	7.16E+01	4.88E-03	-2.82E+00
7.58E+01	-9.30E+01	7.21E+01	-8.54E-03	-2.82E+00
7.58E+01	-9.30E+01	7.19E+01	-3.66E-02	-2.83E+00

7.58E+01	-9.30E+01	7.19E+01	-3.91E-02	-2.82E+00
7.58E+01	-9.30E+01	7.17E+01	-1.95E-02	-2.83E+00
7.59E+01	-9.30E+01	7.18E+01	-9.77E-03	-2.82E+00
7.59E+01	-9.30E+01	7.19E+01	0.00E+00	-2.80E+00
7.59E+01	-9.30E+01	7.19E+01	-3.66E-03	-2.82E+00
7.59E+01	-9.30E+01	7.20E+01	-2.32E-02	-2.81E+00
7.59E+01	-9.30E+01	7.17E+01	-2.20E-02	-2.82E+00
7.60E+01	-9.30E+01	7.17E+01	-7.32E-03	-2.81E+00
7.60E+01	-9.30E+01	7.18E+01	-8.54E-03	-2.80E+00
7.60E+01	-9.30E+01	7.18E+01	-2.44E-02	-2.80E+00
7.60E+01	-9.30E+01	7.17E+01	-3.42E-02	-2.80E+00
7.60E+01	-9.30E+01	7.16E+01	-4.88E-03	-2.80E+00
7.61E+01	-9.30E+01	7.14E+01	-1.10E-02	-2.80E+00
7.61E+01	-9.30E+01	7.18E+01	-6.10E-03	-2.79E+00
7.61E+01	-9.30E+01	7.20E+01	-9.77E-03	-2.79E+00
7.61E+01	-9.30E+01	7.18E+01	-2.44E-02	-2.79E+00
7.61E+01	-9.30E+01	7.16E+01	-2.44E-02	-2.80E+00
7.62E+01	-9.30E+01	7.14E+01	-1.22E-02	-2.79E+00
7.62E+01	-9.30E+01	7.14E+01	-1.10E-02	-2.80E+00
7.62E+01	-9.30E+01	7.17E+01	1.46E-02	-2.78E+00
7.62E+01	-9.30E+01	7.18E+01	-9.77E-03	-2.78E+00
7.62E+01	-9.30E+01	7.16E+01	-2.20E-02	-2.78E+00
7.63E+01	-9.30E+01	7.16E+01	-3.30E-02	-2.78E+00
7.63E+01	-9.30E+01	7.17E+01	-2.20E-02	-2.78E+00
7.63E+01	-9.30E+01	7.10E+01	2.44E-03	-2.79E+00
7.63E+01	-9.30E+01	7.13E+01	-1.46E-02	-2.80E+00
7.63E+01	-9.30E+01	7.14E+01	4.88E-03	-2.78E+00
7.64E+01	-9.30E+01	7.18E+01	-2.08E-02	-2.77E+00
7.64E+01	-9.30E+01	7.17E+01	-3.66E-02	-2.77E+00
7.64E+01	-9.30E+01	7.13E+01	-2.20E-02	-2.78E+00
7.64E+01	-9.30E+01	7.11E+01	7.32E-03	-2.76E+00
7.64E+01	-9.30E+01	7.14E+01	2.44E-02	-2.76E+00
7.65E+01	-9.30E+01	7.16E+01	-1.71E-02	-2.76E+00
7.65E+01	-9.30E+01	7.17E+01	-3.66E-02	-2.76E+00
7.65E+01	-9.30E+01	7.13E+01	-1.46E-02	-2.77E+00
7.65E+01	-9.30E+01	7.14E+01	2.44E-03	-2.76E+00
7.65E+01	-9.30E+01	7.16E+01	-4.88E-03	-2.76E+00
7.66E+01	-9.30E+01	7.14E+01	-1.46E-02	-2.76E+00
7.66E+01	-9.30E+01	7.15E+01	-3.17E-02	-2.75E+00
7.66E+01	-9.30E+01	7.17E+01	-5.37E-02	-2.75E+00
7.66E+01	-9.30E+01	7.13E+01	-2.69E-02	-2.75E+00
7.66E+01	-9.30E+01	7.12E+01	-2.20E-02	-2.76E+00
7.67E+01	-9.30E+01	7.12E+01	2.44E-03	-2.75E+00
7.67E+01	-9.30E+01	7.12E+01	6.10E-03	-2.75E+00
7.67E+01	-9.30E+01	7.14E+01	-1.10E-02	-2.75E+00
7.67E+01	-9.30E+01	7.14E+01	2.32E-02	-2.72E+00
7.67E+01	-9.30E+01	7.12E+01	-2.44E-03	-2.74E+00

7.68E+01	-9.30E+01	7.11E+01	-3.05E-02	-2.74E+00
7.68E+01	-9.30E+01	7.14E+01	-3.42E-02	-2.75E+00
7.68E+01	-9.30E+01	7.12E+01	0.00E+00	-2.75E+00
7.68E+01	-9.30E+01	7.10E+01	-6.10E-03	-2.74E+00
7.68E+01	-9.30E+01	7.13E+01	-7.32E-03	-2.72E+00
7.69E+01	-9.30E+01	7.14E+01	2.44E-03	-2.72E+00
7.69E+01	-9.30E+01	7.14E+01	-1.59E-02	-2.72E+00
7.69E+01	-9.30E+01	7.14E+01	-4.76E-02	-2.73E+00
7.69E+01	-9.30E+01	7.10E+01	-1.71E-02	-2.74E+00
7.69E+01	-9.30E+01	7.10E+01	-2.44E-03	-2.73E+00
7.70E+01	-9.30E+01	7.11E+01	-6.10E-03	-2.72E+00
7.70E+01	-9.30E+01	7.09E+01	-2.44E-03	-2.72E+00
7.70E+01	-9.30E+01	7.13E+01	-1.71E-02	-2.70E+00
7.70E+01	-9.30E+01	7.11E+01	-2.44E-02	-2.71E+00
7.70E+01	-9.30E+01	7.11E+01	-3.05E-02	-2.72E+00
7.71E+01	-9.30E+01	7.07E+01	-1.71E-02	-2.73E+00
7.71E+01	-9.30E+01	7.09E+01	-1.22E-02	-2.71E+00
7.71E+01	-9.30E+01	7.11E+01	1.22E-02	-2.72E+00
7.71E+01	-9.30E+01	7.14E+01	-3.66E-02	-2.71E+00
7.71E+01	-9.30E+01	7.12E+01	-2.69E-02	-2.70E+00
7.72E+01	-9.30E+01	7.09E+01	-2.93E-02	-2.72E+00
7.72E+01	-9.30E+01	7.09E+01	-2.20E-02	-2.71E+00
7.72E+01	-9.30E+01	7.10E+01	-7.32E-03	-2.71E+00
7.72E+01	-9.30E+01	7.08E+01	2.44E-03	-2.70E+00
7.72E+01	-9.30E+01	7.09E+01	-9.77E-03	-2.70E+00
7.73E+01	-9.30E+01	7.12E+01	-2.08E-02	-2.69E+00
7.73E+01	-9.30E+01	7.07E+01	-4.88E-02	-2.70E+00
7.73E+01	-9.30E+01	7.07E+01	-3.17E-02	-2.69E+00
7.73E+01	-9.30E+01	7.08E+01	-6.10E-03	-2.70E+00
7.73E+01	-9.30E+01	7.12E+01	0.00E+00	-2.69E+00
7.74E+01	-9.30E+01	7.11E+01	-2.44E-02	-2.68E+00
7.74E+01	-9.30E+01	7.06E+01	-2.69E-02	-2.69E+00
7.74E+01	-9.30E+01	7.05E+01	-5.74E-02	-2.69E+00
7.74E+01	-9.30E+01	7.05E+01	-2.20E-02	-2.69E+00
7.74E+01	-9.30E+01	7.08E+01	-9.77E-03	-2.69E+00
7.75E+01	-9.30E+01	7.09E+01	4.88E-03	-2.69E+00
7.75E+01	-9.30E+01	7.09E+01	-1.95E-02	-2.67E+00
7.75E+01	-9.30E+01	7.11E+01	-2.69E-02	-2.67E+00
7.75E+01	-9.30E+01	7.09E+01	-2.93E-02	-2.68E+00
7.75E+01	-9.30E+01	7.08E+01	-4.64E-02	-2.68E+00
7.76E+01	-9.30E+01	7.07E+01	6.10E-03	-2.68E+00
7.76E+01	-9.30E+01	7.06E+01	9.77E-03	-2.68E+00
7.76E+01	-9.30E+01	7.09E+01	-7.32E-03	-2.66E+00
7.76E+01	-9.30E+01	7.09E+01	-9.77E-03	-2.66E+00
7.76E+01	-9.30E+01	7.09E+01	-9.77E-03	-2.66E+00
7.77E+01	-9.30E+01	7.08E+01	-3.17E-02	-2.66E+00
7.77E+01	-9.30E+01	7.11E+01	-3.17E-02	-2.68E+00

7.77E+01	-9.30E+01	7.07E+01	-6.10E-03	-2.67E+00
7.77E+01	-9.30E+01	7.05E+01	-1.83E-02	-2.66E+00
7.77E+01	-9.30E+01	7.09E+01	-4.88E-03	-2.66E+00
7.78E+01	-9.30E+01	7.09E+01	-1.22E-02	-2.66E+00
7.78E+01	-9.30E+01	7.10E+01	-2.44E-02	-2.65E+00
7.78E+01	-9.30E+01	7.09E+01	-2.32E-02	-2.66E+00
7.78E+01	-9.30E+01	7.03E+01	-2.56E-02	-2.66E+00
7.78E+01	-9.30E+01	7.07E+01	-7.32E-03	-2.65E+00
7.79E+01	-9.30E+01	7.08E+01	1.95E-02	-2.64E+00
7.79E+01	-9.30E+01	7.08E+01	-9.77E-03	-2.64E+00
7.79E+01	-9.30E+01	7.08E+01	-3.42E-02	-2.65E+00
7.79E+01	-9.30E+01	7.05E+01	-3.42E-02	-2.66E+00
7.79E+01	-9.30E+01	7.07E+01	-1.22E-02	-2.65E+00
7.80E+01	-9.30E+01	7.07E+01	-9.77E-03	-2.64E+00
7.80E+01	-9.30E+01	7.07E+01	4.88E-03	-2.63E+00
7.80E+01	-9.30E+01	7.07E+01	-1.22E-02	-2.62E+00
7.80E+01	-9.30E+01	7.12E+01	-2.44E-02	-2.63E+00
7.80E+01	-9.30E+01	7.10E+01	-2.20E-02	-2.63E+00
7.81E+01	-9.30E+01	7.06E+01	-3.17E-02	-2.63E+00
7.81E+01	-9.30E+01	7.06E+01	-2.20E-02	-2.65E+00
7.81E+01	-9.30E+01	7.07E+01	-2.44E-02	-2.63E+00
7.81E+01	-9.30E+01	7.07E+01	0.00E+00	-2.63E+00
7.81E+01	-9.30E+01	7.11E+01	-7.32E-03	-2.61E+00
7.82E+01	-9.30E+01	7.08E+01	-1.22E-02	-2.62E+00
7.82E+01	-9.30E+01	7.08E+01	-2.20E-02	-2.62E+00
7.82E+01	-9.30E+01	7.08E+01	-3.91E-02	-2.62E+00
7.82E+01	-9.30E+01	7.08E+01	0.00E+00	-2.63E+00
7.82E+01	-9.30E+01	7.05E+01	-1.95E-02	-2.62E+00
7.83E+01	-9.30E+01	7.04E+01	-1.34E-02	-2.61E+00
7.83E+01	-9.30E+01	7.09E+01	-7.32E-03	-2.61E+00
7.83E+01	-9.30E+01	7.10E+01	-1.83E-02	-2.61E+00
7.83E+01	-9.30E+01	7.07E+01	-4.15E-02	-2.61E+00
7.83E+01	-9.30E+01	7.07E+01	-3.05E-02	-2.61E+00
7.84E+01	-9.30E+01	7.08E+01	-2.20E-02	-2.63E+00
7.84E+01	-9.30E+01	7.07E+01	-5.86E-02	-2.61E+00
7.84E+01	-9.30E+01	7.09E+01	-8.54E-03	-2.61E+00
7.84E+01	-9.30E+01	7.07E+01	-8.54E-03	-2.60E+00
7.84E+01	-9.30E+01	7.09E+01	-2.44E-02	-2.60E+00
7.85E+01	-9.30E+01	7.08E+01	-2.20E-02	-2.60E+00
7.85E+01	-9.30E+01	7.07E+01	-1.95E-02	-2.61E+00
7.85E+01	-9.30E+01	7.09E+01	-9.77E-03	-2.60E+00
7.85E+01	-9.30E+01	7.08E+01	-3.66E-03	-2.61E+00
7.85E+01	-9.30E+01	7.10E+01	-4.27E-02	-2.59E+00
7.86E+01	-9.30E+01	7.12E+01	-2.93E-02	-2.58E+00
7.86E+01	-9.30E+01	7.07E+01	-2.81E-02	-2.59E+00
7.86E+01	-9.30E+01	7.07E+01	-2.93E-02	-2.59E+00
7.86E+01	-9.30E+01	7.09E+01	-1.59E-02	-2.59E+00

7.86E+01	-9.30E+01	7.08E+01	7.32E-03	-2.58E+00
7.87E+01	-9.30E+01	7.05E+01	-9.77E-03	-2.57E+00
7.87E+01	-9.30E+01	7.11E+01	-6.10E-03	-2.57E+00
7.87E+01	-9.30E+01	7.12E+01	-2.93E-02	-2.58E+00
7.87E+01	-9.30E+01	7.07E+01	-3.17E-02	-2.58E+00
7.87E+01	-9.30E+01	7.08E+01	-1.95E-02	-2.59E+00
7.88E+01	-9.30E+01	7.08E+01	-4.88E-03	-2.58E+00
7.88E+01	-9.30E+01	7.08E+01	-9.77E-03	-2.57E+00
7.88E+01	-9.30E+01	7.12E+01	-1.46E-02	-2.57E+00
7.88E+01	-9.30E+01	7.08E+01	-3.54E-02	-2.57E+00
7.88E+01	-9.30E+01	7.07E+01	-2.44E-03	-2.56E+00
7.89E+01	-9.30E+01	7.08E+01	-3.42E-02	-2.57E+00
7.89E+01	-9.30E+01	7.08E+01	-9.77E-03	-2.57E+00
7.89E+01	-9.30E+01	7.11E+01	-2.32E-02	-2.55E+00
7.89E+01	-9.30E+01	7.12E+01	-6.10E-03	-2.55E+00
7.89E+01	-9.30E+01	7.08E+01	-2.69E-02	-2.56E+00
7.90E+01	-9.30E+01	7.09E+01	-3.42E-02	-2.56E+00
7.90E+01	-9.30E+01	7.10E+01	-2.20E-02	-2.57E+00
7.90E+01	-9.30E+01	7.08E+01	2.44E-03	-2.55E+00
7.90E+01	-9.30E+01	7.09E+01	-9.77E-03	-2.54E+00
7.90E+01	-9.30E+01	7.11E+01	-1.95E-02	-2.56E+00
7.91E+01	-9.30E+01	7.11E+01	-5.00E-02	-2.55E+00
7.91E+01	-9.30E+01	7.07E+01	-2.44E-02	-2.55E+00
7.91E+01	-9.30E+01	7.08E+01	-1.95E-02	-2.56E+00
7.91E+01	-9.30E+01	7.08E+01	-1.10E-02	-2.55E+00
7.91E+01	-9.30E+01	7.10E+01	-1.22E-02	-2.54E+00
7.92E+01	-9.30E+01	7.12E+01	-1.22E-02	-2.54E+00
7.92E+01	-9.30E+01	7.09E+01	-2.93E-02	-2.52E+00
7.92E+01	-9.30E+01	7.12E+01	-4.64E-02	-2.53E+00
7.92E+01	-9.30E+01	7.09E+01	-2.56E-02	-2.55E+00
7.92E+01	-9.30E+01	7.07E+01	-1.95E-02	-2.55E+00
7.93E+01	-9.30E+01	7.12E+01	-1.22E-03	-2.53E+00
7.93E+01	-9.30E+01	7.10E+01	0.00E+00	-2.52E+00
7.93E+01	-9.30E+01	7.11E+01	-3.17E-02	-2.52E+00
7.93E+01	-9.30E+01	7.11E+01	-2.69E-02	-2.54E+00
7.93E+01	-9.30E+01	7.09E+01	-1.71E-02	-2.55E+00
7.94E+01	-9.30E+01	7.09E+01	-1.34E-02	-2.53E+00
7.94E+01	-9.30E+01	7.09E+01	-7.32E-03	-2.52E+00
7.94E+01	-9.30E+01	7.11E+01	-4.88E-03	-2.52E+00
7.94E+01	-9.30E+01	7.11E+01	-1.71E-02	-2.51E+00
7.94E+01	-9.30E+01	7.13E+01	-2.56E-02	-2.52E+00
7.95E+01	-9.30E+01	7.07E+01	-1.46E-02	-2.52E+00
7.95E+01	-9.30E+01	7.10E+01	-1.95E-02	-2.53E+00
7.95E+01	-9.30E+01	7.10E+01	-1.71E-02	-2.51E+00
7.95E+01	-9.30E+01	7.07E+01	-9.77E-03	-2.51E+00
7.95E+01	-9.30E+01	7.12E+01	-1.34E-02	-2.50E+00
7.96E+01	-9.30E+01	7.13E+01	-1.95E-02	-2.51E+00

7.96E+01	-9.30E+01	7.08E+01	-2.69E-02	-2.51E+00
7.96E+01	-9.30E+01	7.09E+01	-1.10E-02	-2.51E+00
7.96E+01	-9.30E+01	7.10E+01	-2.44E-03	-2.51E+00
7.96E+01	-9.30E+01	7.11E+01	-2.44E-03	-2.51E+00
7.97E+01	-9.30E+01	7.13E+01	-2.81E-02	-2.49E+00
7.97E+01	-9.30E+01	7.11E+01	-2.32E-02	-2.50E+00
7.97E+01	-9.30E+01	7.10E+01	-3.78E-02	-2.50E+00
7.97E+01	-9.30E+01	7.08E+01	-2.44E-03	-2.50E+00
7.97E+01	-9.30E+01	7.10E+01	4.88E-03	-2.50E+00
7.98E+01	-9.30E+01	7.07E+01	1.22E-02	-2.49E+00
7.98E+01	-9.30E+01	7.12E+01	-9.77E-03	-2.46E+00
7.98E+01	-9.30E+01	7.12E+01	-3.17E-02	-2.49E+00
7.98E+01	-9.30E+01	7.09E+01	-2.81E-02	-2.49E+00
7.98E+01	-9.30E+01	7.09E+01	-3.05E-02	-2.49E+00
7.99E+01	-9.30E+01	7.10E+01	-1.46E-02	-2.50E+00
7.99E+01	-9.30E+01	7.12E+01	-2.44E-03	-2.48E+00
7.99E+01	-9.30E+01	7.14E+01	-7.32E-03	-2.47E+00
7.99E+01	-9.30E+01	7.11E+01	-2.81E-02	-2.47E+00
7.99E+01	-9.30E+01	7.08E+01	-1.95E-02	-2.48E+00
8.00E+01	-9.30E+01	7.09E+01	3.05E-02	-2.47E+00
8.00E+01	-9.30E+01	7.10E+01	0.00E+00	-2.47E+00
8.00E+01	-9.30E+01	7.13E+01	-1.22E-02	-2.45E+00
8.00E+01	-9.30E+01	7.12E+01	-2.08E-02	-2.47E+00
8.00E+01	-9.30E+01	7.08E+01	-2.32E-02	-2.47E+00
8.01E+01	-9.30E+01	7.11E+01	-3.66E-02	-2.47E+00
8.01E+01	-9.30E+01	7.08E+01	-2.20E-02	-2.48E+00
8.01E+01	-9.30E+01	7.08E+01	-4.88E-03	-2.46E+00
8.01E+01	-9.30E+01	7.12E+01	-1.71E-02	-2.46E+00
8.01E+01	-9.30E+01	7.10E+01	-4.88E-03	-2.45E+00
8.02E+01	-9.30E+01	7.13E+01	-3.91E-02	-2.44E+00
8.02E+01	-9.30E+01	7.12E+01	-4.88E-03	-2.45E+00
8.02E+01	-9.30E+01	7.11E+01	-2.93E-02	-2.46E+00
8.02E+01	-9.30E+01	7.09E+01	-1.46E-02	-2.45E+00
8.02E+01	-9.30E+01	7.11E+01	-8.54E-03	-2.45E+00
8.03E+01	-9.30E+01	7.11E+01	-3.66E-03	-2.45E+00
8.03E+01	-9.30E+01	7.13E+01	-2.81E-02	-2.44E+00
8.03E+01	-9.30E+01	7.10E+01	-3.30E-02	-2.45E+00
8.03E+01	-9.30E+01	7.08E+01	-4.15E-02	-2.46E+00
8.03E+01	-9.30E+01	7.11E+01	-2.44E-02	-2.45E+00
8.04E+01	-9.30E+01	7.08E+01	-2.44E-03	-2.44E+00
8.04E+01	-9.30E+01	7.09E+01	-2.44E-03	-2.43E+00
8.04E+01	-9.30E+01	7.10E+01	-1.71E-02	-2.43E+00
8.04E+01	-9.30E+01	7.11E+01	-1.59E-02	-2.43E+00
8.04E+01	-9.30E+01	7.08E+01	-2.69E-02	-2.44E+00
8.05E+01	-9.30E+01	7.09E+01	-2.69E-02	-2.42E+00
8.05E+01	-9.30E+01	7.08E+01	-4.64E-02	-2.44E+00
8.05E+01	-9.30E+01	7.05E+01	3.66E-03	-2.43E+00

8.05E+01	-9.30E+01	7.10E+01	-9.77E-03	-2.42E+00
8.05E+01	-9.30E+01	7.11E+01	-3.05E-02	-2.42E+00
8.06E+01	-9.30E+01	7.07E+01	-2.93E-02	-2.43E+00
8.06E+01	-9.30E+01	7.09E+01	-2.93E-02	-2.43E+00
8.06E+01	-9.30E+01	7.08E+01	3.66E-03	-2.41E+00
8.06E+01	-9.30E+01	7.09E+01	1.46E-02	-2.41E+00
8.06E+01	-9.30E+01	7.10E+01	-3.66E-03	-2.41E+00
8.07E+01	-9.30E+01	7.11E+01	-1.71E-02	-2.41E+00
8.07E+01	-9.30E+01	7.09E+01	-3.30E-02	-2.41E+00
8.07E+01	-9.30E+01	7.09E+01	-3.91E-02	-2.42E+00
8.07E+01	-9.30E+01	7.07E+01	-1.71E-02	-2.42E+00
8.07E+01	-9.30E+01	7.07E+01	-8.54E-03	-2.41E+00
8.08E+01	-9.30E+01	7.11E+01	-7.32E-03	-2.40E+00
8.08E+01	-9.30E+01	7.10E+01	-3.42E-02	-2.41E+00
8.08E+01	-9.30E+01	7.08E+01	-5.98E-02	-2.40E+00
8.08E+01	-9.30E+01	7.07E+01	-2.44E-02	-2.42E+00
8.08E+01	-9.30E+01	7.10E+01	-2.69E-02	-2.41E+00
8.09E+01	-9.30E+01	7.09E+01	-7.32E-03	-2.41E+00
8.09E+01	-9.30E+01	7.04E+01	-1.10E-02	-2.39E+00
8.09E+01	-9.30E+01	7.04E+01	0.00E+00	-2.39E+00
8.09E+01	-9.30E+01	7.08E+01	-3.78E-02	-2.38E+00
8.09E+01	-9.30E+01	7.09E+01	-1.22E-02	-2.39E+00
8.10E+01	-9.30E+01	7.07E+01	-2.44E-02	-2.40E+00
8.10E+01	-9.30E+01	7.05E+01	-2.44E-02	-2.40E+00
8.10E+01	-9.30E+01	7.10E+01	-2.20E-02	-2.39E+00
8.10E+01	-9.30E+01	7.10E+01	3.66E-03	-2.38E+00
8.10E+01	-9.30E+01	7.10E+01	-2.69E-02	-2.37E+00
8.11E+01	-9.30E+01	7.08E+01	-1.46E-02	-2.38E+00
8.11E+01	-9.30E+01	7.06E+01	-3.17E-02	-2.39E+00
8.11E+01	-9.30E+01	7.09E+01	-2.20E-02	-2.38E+00
8.11E+01	-9.30E+01	7.07E+01	-2.44E-03	-2.38E+00
8.11E+01	-9.30E+01	7.09E+01	-3.54E-02	-2.38E+00
8.12E+01	-9.30E+01	7.11E+01	-1.10E-02	-2.37E+00
8.12E+01	-9.30E+01	7.09E+01	-2.56E-02	-2.37E+00
8.12E+01	-9.30E+01	7.07E+01	-2.93E-02	-2.37E+00
8.12E+01	-9.30E+01	7.07E+01	-1.46E-02	-2.37E+00
8.12E+01	-9.30E+01	7.09E+01	2.44E-03	-2.36E+00
8.13E+01	-9.30E+01	7.10E+01	-1.95E-02	-2.36E+00
8.13E+01	-9.30E+01	7.10E+01	-1.83E-02	-2.36E+00
8.13E+01	-9.30E+01	7.09E+01	-2.32E-02	-2.37E+00
8.13E+01	-9.30E+01	7.07E+01	-1.46E-02	-2.37E+00
8.13E+01	-9.30E+01	7.08E+01	-1.22E-02	-2.38E+00
8.14E+01	-9.30E+01	7.08E+01	1.95E-02	-2.36E+00
8.14E+01	-9.30E+01	7.12E+01	-1.95E-02	-2.35E+00
8.14E+01	-9.30E+01	7.11E+01	-2.20E-02	-2.35E+00
8.14E+01	-9.30E+01	7.07E+01	-2.93E-02	-2.36E+00
8.14E+01	-9.30E+01	7.06E+01	-3.78E-02	-2.35E+00

8.15E+01	-9.30E+01	7.07E+01	1.22E-03	-2.35E+00
8.15E+01	-9.30E+01	7.10E+01	-4.88E-03	-2.35E+00
8.15E+01	-9.30E+01	7.11E+01	-9.77E-03	-2.33E+00
8.15E+01	-9.30E+01	7.11E+01	4.88E-03	-2.33E+00
8.15E+01	-9.30E+01	7.06E+01	-3.66E-02	-2.35E+00
8.16E+01	-9.30E+01	7.10E+01	-2.93E-02	-2.35E+00
8.16E+01	-9.30E+01	7.07E+01	-2.44E-02	-2.35E+00
8.16E+01	-9.30E+01	7.06E+01	4.88E-03	-2.34E+00
8.16E+01	-9.30E+01	7.08E+01	-1.10E-02	-2.33E+00
8.16E+01	-9.30E+01	7.11E+01	-2.20E-02	-2.33E+00
8.17E+01	-9.30E+01	7.10E+01	-4.64E-02	-2.33E+00
8.17E+01	-9.30E+01	7.09E+01	-1.83E-02	-2.34E+00
8.17E+01	-9.30E+01	7.08E+01	-4.88E-03	-2.34E+00
8.17E+01	-9.30E+01	7.07E+01	-1.71E-02	-2.34E+00
8.17E+01	-9.30E+01	7.10E+01	-3.66E-02	-2.31E+00
8.18E+01	-9.30E+01	7.12E+01	-8.54E-03	-2.32E+00
8.18E+01	-9.30E+01	7.08E+01	-2.69E-02	-2.32E+00
8.18E+01	-9.30E+01	7.09E+01	-4.76E-02	-2.32E+00
8.18E+01	-9.30E+01	7.10E+01	-2.44E-02	-2.32E+00
8.18E+01	-9.30E+01	7.06E+01	-1.22E-02	-2.33E+00
8.19E+01	-9.30E+01	7.07E+01	-9.77E-03	-2.32E+00
8.19E+01	-9.30E+01	7.11E+01	1.83E-02	-2.31E+00
8.19E+01	-9.30E+01	7.09E+01	-2.08E-02	-2.31E+00
8.19E+01	-9.30E+01	7.11E+01	-3.42E-02	-2.31E+00
8.19E+01	-9.30E+01	7.08E+01	-2.81E-02	-2.32E+00
8.20E+01	-9.30E+01	7.08E+01	-3.05E-02	-2.31E+00
8.20E+01	-9.30E+01	7.09E+01	1.22E-03	-2.30E+00
8.20E+01	-9.30E+01	7.12E+01	-4.88E-03	-2.30E+00
8.20E+01	-9.30E+01	7.10E+01	-2.20E-02	-2.31E+00
8.20E+01	-9.30E+01	7.10E+01	-2.93E-02	-2.30E+00
8.21E+01	-9.30E+01	7.11E+01	-2.44E-02	-2.31E+00
8.21E+01	-9.30E+01	7.08E+01	-1.46E-02	-2.31E+00
8.21E+01	-9.30E+01	7.09E+01	1.59E-02	-2.29E+00
8.21E+01	-9.30E+01	7.10E+01	-6.10E-03	-2.29E+00
8.21E+01	-9.30E+01	7.11E+01	-2.20E-02	-2.29E+00
8.22E+01	-9.30E+01	7.12E+01	-2.44E-02	-2.29E+00
8.22E+01	-9.30E+01	7.10E+01	-2.20E-02	-2.29E+00
8.22E+01	-9.30E+01	7.10E+01	-3.91E-02	-2.29E+00
8.22E+01	-9.30E+01	7.09E+01	2.44E-03	-2.29E+00
8.22E+01	-9.30E+01	7.10E+01	-1.71E-02	-2.27E+00
8.23E+01	-9.30E+01	7.13E+01	-9.77E-03	-2.27E+00
8.23E+01	-9.30E+01	7.08E+01	-3.54E-02	-2.29E+00
8.23E+01	-9.30E+01	7.07E+01	-3.05E-02	-2.29E+00
8.23E+01	-9.30E+01	7.10E+01	-8.54E-03	-2.28E+00
8.23E+01	-9.30E+01	7.11E+01	7.32E-03	-2.27E+00
8.24E+01	-9.30E+01	7.11E+01	-2.08E-02	-2.26E+00
8.24E+01	-9.30E+01	7.11E+01	-2.44E-02	-2.26E+00

8.24E+01	-9.30E+01	7.10E+01	-6.10E-03	-2.29E+00
8.24E+01	-9.30E+01	7.15E+01	-2.32E-02	-2.27E+00
8.24E+01	-9.30E+01	7.09E+01	-4.88E-03	-2.27E+00
8.25E+01	-9.30E+01	7.11E+01	-7.32E-03	-2.27E+00
8.25E+01	-9.30E+01	7.11E+01	-7.32E-03	-2.26E+00
8.25E+01	-9.30E+01	7.14E+01	-1.95E-02	-2.26E+00
8.25E+01	-9.30E+01	7.10E+01	-2.93E-02	-2.26E+00
8.25E+01	-9.30E+01	7.12E+01	-2.69E-02	-2.26E+00
8.26E+01	-9.30E+01	7.10E+01	0.00E+00	-2.27E+00
8.26E+01	-9.30E+01	7.11E+01	-7.32E-03	-2.26E+00
8.26E+01	-9.30E+01	7.12E+01	-9.77E-03	-2.24E+00
8.26E+01	-9.30E+01	7.13E+01	-7.32E-03	-2.24E+00
8.26E+01	-9.30E+01	7.08E+01	0.00E+00	-2.25E+00
8.27E+01	-9.30E+01	7.11E+01	-3.91E-02	-2.24E+00
8.27E+01	-9.30E+01	7.11E+01	-1.95E-02	-2.24E+00
8.27E+01	-9.30E+01	7.10E+01	-1.22E-02	-2.26E+00
8.27E+01	-9.30E+01	7.10E+01	-4.88E-03	-2.25E+00
8.27E+01	-9.30E+01	7.11E+01	0.00E+00	-2.24E+00
8.28E+01	-9.30E+01	7.12E+01	0.00E+00	-2.24E+00
8.28E+01	-9.30E+01	7.13E+01	-2.56E-02	-2.23E+00
8.28E+01	-9.30E+01	7.13E+01	-4.64E-02	-2.24E+00
8.28E+01	-9.30E+01	7.08E+01	-1.95E-02	-2.23E+00
8.28E+01	-9.30E+01	7.11E+01	-2.44E-02	-2.24E+00
8.29E+01	-9.30E+01	7.11E+01	2.44E-03	-2.23E+00
8.29E+01	-9.30E+01	7.12E+01	-1.71E-02	-2.22E+00
8.29E+01	-9.30E+01	7.14E+01	-2.69E-02	-2.22E+00
8.29E+01	-9.30E+01	7.14E+01	-3.42E-02	-2.23E+00
8.29E+01	-9.30E+01	7.10E+01	-2.44E-02	-2.23E+00
8.30E+01	-9.30E+01	7.09E+01	-1.46E-02	-2.22E+00
8.30E+01	-9.30E+01	7.10E+01	1.71E-02	-2.23E+00
8.30E+01	-9.30E+01	7.13E+01	2.20E-02	-2.21E+00
8.30E+01	-9.30E+01	7.14E+01	-1.46E-02	-2.21E+00
8.30E+01	-9.30E+01	7.12E+01	-2.20E-02	-2.22E+00
8.31E+01	-9.30E+01	7.12E+01	-3.42E-02	-2.22E+00
8.31E+01	-9.30E+01	7.14E+01	-2.44E-02	-2.22E+00
8.31E+01	-9.30E+01	7.13E+01	-4.88E-03	-2.21E+00
8.31E+01	-9.30E+01	7.11E+01	4.88E-03	-2.20E+00
8.31E+01	-9.30E+01	7.15E+01	-2.20E-02	-2.20E+00
8.32E+01	-9.30E+01	7.14E+01	-1.46E-02	-2.20E+00
8.32E+01	-9.30E+01	7.14E+01	-3.66E-02	-2.21E+00
8.32E+01	-9.30E+01	7.12E+01	-2.69E-02	-2.21E+00
8.32E+01	-9.30E+01	7.12E+01	-6.10E-03	-2.21E+00
8.32E+01	-9.30E+01	7.12E+01	-3.66E-03	-2.20E+00
8.33E+01	-9.30E+01	7.17E+01	-9.77E-03	-2.19E+00
8.33E+01	-9.30E+01	7.14E+01	-4.15E-02	-2.19E+00
8.33E+01	-9.30E+01	7.18E+01	-3.42E-02	-2.20E+00
8.33E+01	-9.30E+01	7.14E+01	-2.20E-02	-2.20E+00

8.33E+01	-9.30E+01	7.12E+01	-3.66E-03	-2.20E+00
8.34E+01	-9.30E+01	7.14E+01	-2.44E-02	-2.18E+00
8.34E+01	-9.30E+01	7.17E+01	-1.22E-02	-2.18E+00
8.34E+01	-9.30E+01	7.14E+01	-3.42E-02	-2.19E+00
8.34E+01	-9.30E+01	7.13E+01	-2.81E-02	-2.19E+00
8.34E+01	-9.30E+01	7.13E+01	-4.88E-03	-2.19E+00
8.35E+01	-9.30E+01	7.11E+01	-8.54E-03	-2.18E+00
8.35E+01	-9.30E+01	7.17E+01	-1.22E-02	-2.18E+00
8.35E+01	-9.30E+01	7.16E+01	-3.17E-02	-2.18E+00
8.35E+01	-9.30E+01	7.14E+01	-5.49E-02	-2.18E+00
8.35E+01	-9.30E+01	7.14E+01	-3.30E-02	-2.19E+00
8.36E+01	-9.30E+01	7.12E+01	-1.46E-02	-2.17E+00
8.36E+01	-9.30E+01	7.17E+01	-2.44E-03	-2.16E+00
8.36E+01	-9.30E+01	7.15E+01	-2.44E-03	-2.16E+00
8.36E+01	-9.30E+01	7.16E+01	-2.32E-02	-2.17E+00
8.36E+01	-9.30E+01	7.15E+01	-3.42E-02	-2.17E+00
8.37E+01	-9.30E+01	7.16E+01	-1.34E-02	-2.17E+00
8.37E+01	-9.30E+01	7.13E+01	-1.22E-02	-2.17E+00
8.37E+01	-9.30E+01	7.15E+01	-7.32E-03	-2.15E+00
8.37E+01	-9.30E+01	7.16E+01	9.77E-03	-2.15E+00
8.37E+01	-9.30E+01	7.17E+01	-3.78E-02	-2.15E+00
8.38E+01	-9.30E+01	7.19E+01	-3.66E-02	-2.16E+00
8.38E+01	-9.30E+01	7.15E+01	-2.69E-02	-2.15E+00
8.38E+01	-9.30E+01	7.13E+01	-4.64E-02	-2.16E+00
8.38E+01	-9.30E+01	7.14E+01	0.00E+00	-2.15E+00
8.38E+01	-9.30E+01	7.17E+01	2.44E-03	-2.14E+00
8.39E+01	-9.30E+01	7.16E+01	-1.22E-02	-2.14E+00
8.39E+01	-9.30E+01	7.15E+01	-2.69E-02	-2.15E+00
8.39E+01	-9.30E+01	7.14E+01	-2.20E-02	-2.16E+00
8.39E+01	-9.30E+01	7.15E+01	-1.71E-02	-2.14E+00
8.39E+01	-9.30E+01	7.15E+01	0.00E+00	-2.14E+00
8.40E+01	-9.30E+01	7.14E+01	0.00E+00	-2.14E+00
8.40E+01	-9.30E+01	7.18E+01	-2.69E-02	-2.14E+00
8.40E+01	-9.30E+01	7.18E+01	-3.42E-02	-2.12E+00
8.40E+01	-9.30E+01	7.15E+01	-3.91E-02	-2.14E+00
8.40E+01	-9.30E+01	7.12E+01	-2.81E-02	-2.14E+00
8.41E+01	-9.30E+01	7.16E+01	2.44E-03	-2.12E+00
8.41E+01	-9.30E+01	7.15E+01	-9.77E-03	-2.13E+00
8.41E+01	-9.30E+01	7.19E+01	-3.05E-02	-2.12E+00
8.41E+01	-9.30E+01	7.19E+01	-2.44E-02	-2.12E+00
8.41E+01	-9.30E+01	7.14E+01	-3.05E-02	-2.14E+00
8.42E+01	-9.30E+01	7.16E+01	-1.22E-02	-2.13E+00
8.42E+01	-9.30E+01	7.17E+01	4.88E-03	-2.12E+00
8.42E+01	-9.30E+01	7.16E+01	-9.77E-03	-2.11E+00
8.42E+01	-9.30E+01	7.17E+01	-3.17E-02	-2.11E+00
8.42E+01	-9.30E+01	7.17E+01	-4.39E-02	-2.13E+00
8.43E+01	-9.30E+01	7.17E+01	-7.32E-03	-2.12E+00

8.43E+01	-9.30E+01	7.14E+01	-2.44E-03	-2.13E+00
8.43E+01	-9.30E+01	7.16E+01	-9.77E-03	-2.11E+00
8.43E+01	-9.30E+01	7.18E+01	-1.95E-02	-2.10E+00
8.43E+01	-9.30E+01	7.15E+01	-2.69E-02	-2.12E+00
8.44E+01	-9.30E+01	7.15E+01	-1.46E-02	-2.11E+00
8.44E+01	-9.30E+01	7.15E+01	2.44E-03	-2.10E+00
8.44E+01	-9.30E+01	7.12E+01	-8.54E-03	-2.10E+00
8.44E+01	-9.30E+01	7.13E+01	-1.71E-02	-2.09E+00
8.44E+01	-9.30E+01	7.18E+01	-1.46E-02	-2.10E+00
8.45E+01	-9.30E+01	7.16E+01	-1.46E-02	-2.12E+00
8.45E+01	-9.30E+01	7.11E+01	6.10E-03	-2.10E+00
8.45E+01	-9.30E+01	7.15E+01	-2.44E-03	-2.10E+00
8.45E+01	-9.30E+01	7.18E+01	2.44E-03	-2.09E+00
8.45E+01	-9.30E+01	7.18E+01	-2.44E-02	-2.09E+00
8.46E+01	-9.30E+01	7.16E+01	-2.44E-02	-2.10E+00
8.46E+01	-9.30E+01	7.13E+01	-2.44E-02	-2.10E+00
8.46E+01	-9.30E+01	7.13E+01	-2.69E-02	-2.09E+00
8.46E+01	-9.30E+01	7.14E+01	7.32E-03	-2.09E+00
8.46E+01	-9.30E+01	7.17E+01	-2.44E-03	-2.07E+00
8.47E+01	-9.30E+01	7.19E+01	-3.17E-02	-2.07E+00
8.47E+01	-9.30E+01	7.15E+01	-3.17E-02	-2.08E+00
8.47E+01	-9.30E+01	7.14E+01	-2.69E-02	-2.08E+00
8.47E+01	-9.30E+01	7.18E+01	-2.93E-02	-2.09E+00
8.47E+01	-9.30E+01	7.14E+01	-3.91E-02	-2.08E+00
8.48E+01	-9.30E+01	7.12E+01	-4.88E-03	-2.07E+00
8.48E+01	-9.30E+01	7.16E+01	-1.22E-02	-2.06E+00
8.48E+01	-9.30E+01	7.17E+01	-2.32E-02	-2.07E+00
8.48E+01	-9.30E+01	7.17E+01	-4.03E-02	-2.07E+00
8.48E+01	-9.30E+01	7.14E+01	-2.69E-02	-2.07E+00
8.49E+01	-9.30E+01	7.13E+01	0.00E+00	-2.07E+00
8.49E+01	-9.30E+01	7.14E+01	-4.88E-03	-2.06E+00
8.49E+01	-9.30E+01	7.19E+01	-1.46E-02	-2.05E+00
8.49E+01	-9.30E+01	7.17E+01	-1.83E-02	-2.05E+00
8.49E+01	-9.30E+01	7.14E+01	-3.54E-02	-2.07E+00
8.50E+01	-9.30E+01	7.14E+01	-1.46E-02	-2.06E+00
8.50E+01	-9.30E+01	7.12E+01	1.22E-02	-2.06E+00
8.50E+01	-9.30E+01	7.16E+01	-1.22E-02	-2.04E+00
8.50E+01	-9.30E+01	7.18E+01	-2.20E-02	-2.07E+00
8.50E+01	-9.30E+01	7.16E+01	-5.37E-02	-2.06E+00
8.51E+01	-9.30E+01	7.17E+01	-2.93E-02	-2.05E+00
8.51E+01	-9.30E+01	7.12E+01	-2.44E-03	-2.05E+00
8.51E+01	-9.30E+01	7.15E+01	-7.32E-03	-2.04E+00
8.51E+01	-9.30E+01	7.17E+01	-1.46E-02	-2.03E+00
8.51E+01	-9.30E+01	7.15E+01	-1.95E-02	-2.03E+00
8.52E+01	-9.30E+01	7.16E+01	-3.66E-02	-2.04E+00
8.52E+01	-9.30E+01	7.13E+01	-2.93E-02	-2.05E+00
8.52E+01	-9.30E+01	7.14E+01	-3.66E-02	-2.05E+00

8.52E+01	-9.30E+01	7.13E+01	-1.10E-02	-2.03E+00
8.52E+01	-9.30E+01	7.16E+01	-2.44E-03	-2.02E+00
8.53E+01	-9.30E+01	7.15E+01	-2.32E-02	-2.03E+00
8.53E+01	-9.30E+01	7.14E+01	-2.56E-02	-2.03E+00
8.53E+01	-9.30E+01	7.14E+01	-3.17E-02	-2.04E+00
8.53E+01	-9.30E+01	7.12E+01	-2.20E-02	-2.04E+00
8.53E+01	-9.30E+01	7.13E+01	-1.34E-02	-2.03E+00
8.54E+01	-9.30E+01	7.16E+01	0.00E+00	-2.02E+00
8.54E+01	-9.30E+01	7.14E+01	-1.46E-02	-2.02E+00
8.54E+01	-9.30E+01	7.15E+01	-4.76E-02	-2.02E+00
8.54E+01	-9.30E+01	7.14E+01	-3.17E-02	-2.03E+00
8.54E+01	-9.30E+01	7.14E+01	-1.83E-02	-2.03E+00
8.55E+01	-9.30E+01	7.13E+01	2.44E-03	-2.00E+00
8.55E+01	-9.30E+01	7.14E+01	-2.32E-02	-2.02E+00
8.55E+01	-9.30E+01	7.11E+01	-4.88E-03	-2.01E+00
8.55E+01	-9.30E+01	7.14E+01	-3.17E-02	-2.00E+00
8.55E+01	-9.30E+01	7.11E+01	-9.77E-03	-2.02E+00
8.56E+01	-9.30E+01	7.11E+01	-2.20E-02	-2.01E+00
8.56E+01	-9.30E+01	7.14E+01	-7.32E-03	-2.00E+00
8.56E+01	-9.30E+01	7.14E+01	0.00E+00	-2.00E+00
8.56E+01	-9.30E+01	7.15E+01	-2.44E-02	-1.99E+00
8.56E+01	-9.30E+01	7.14E+01	-1.83E-02	-1.99E+00
8.57E+01	-9.30E+01	7.14E+01	-2.44E-02	-2.00E+00
8.57E+01	-9.30E+01	7.12E+01	-2.93E-02	-2.00E+00
8.57E+01	-9.30E+01	7.12E+01	-2.93E-02	-2.00E+00
8.57E+01	-9.30E+01	7.13E+01	-1.46E-02	-1.99E+00
8.57E+01	-9.30E+01	7.14E+01	-1.22E-02	-1.98E+00
8.58E+01	-9.30E+01	7.15E+01	2.44E-03	-1.98E+00
8.58E+01	-9.30E+01	7.10E+01	-9.77E-03	-1.99E+00
8.58E+01	-9.30E+01	7.10E+01	-2.44E-02	-1.99E+00
8.58E+01	-9.30E+01	7.11E+01	7.32E-03	-1.97E+00
8.58E+01	-9.30E+01	7.13E+01	-2.44E-02	-1.98E+00
8.59E+01	-9.30E+01	7.16E+01	-2.32E-02	-1.97E+00
8.59E+01	-9.30E+01	7.16E+01	-2.20E-02	-1.98E+00
8.59E+01	-9.30E+01	7.12E+01	-4.88E-02	-1.99E+00
8.59E+01	-9.30E+01	7.14E+01	-1.83E-02	-1.98E+00
8.59E+01	-9.30E+01	7.11E+01	3.66E-03	-1.98E+00
8.60E+01	-9.30E+01	7.13E+01	-9.77E-03	-1.97E+00
8.60E+01	-9.30E+01	7.14E+01	-3.42E-02	-1.97E+00
8.60E+01	-9.30E+01	7.12E+01	-4.64E-02	-1.98E+00
8.60E+01	-9.30E+01	7.13E+01	-1.59E-02	-1.97E+00
8.60E+01	-9.30E+01	7.13E+01	1.46E-02	-1.97E+00
8.61E+01	-9.30E+01	7.13E+01	-3.66E-03	-1.95E+00
8.61E+01	-9.30E+01	7.18E+01	-2.08E-02	-1.95E+00
8.61E+01	-9.30E+01	7.13E+01	-1.83E-02	-1.96E+00
8.61E+01	-9.30E+01	7.15E+01	-4.64E-02	-1.97E+00
8.61E+01	-9.30E+01	7.14E+01	-3.17E-02	-1.96E+00

8.62E+01	-9.30E+01	7.13E+01	2.44E-03	-1.96E+00
8.62E+01	-9.30E+01	7.14E+01	-8.54E-03	-1.95E+00
8.62E+01	-9.30E+01	7.15E+01	-1.71E-02	-1.95E+00
8.62E+01	-9.30E+01	7.14E+01	-3.42E-02	-1.96E+00
8.62E+01	-9.30E+01	7.12E+01	-3.05E-02	-1.95E+00
8.63E+01	-9.30E+01	7.13E+01	-1.34E-02	-1.95E+00
8.63E+01	-9.30E+01	7.14E+01	-8.54E-03	-1.94E+00
8.63E+01	-9.30E+01	7.14E+01	-1.46E-02	-1.93E+00
8.63E+01	-9.30E+01	7.14E+01	-2.20E-02	-1.95E+00
8.63E+01	-9.30E+01	7.12E+01	-5.49E-02	-1.95E+00
8.64E+01	-9.30E+01	7.12E+01	-1.71E-02	-1.94E+00
8.64E+01	-9.30E+01	7.10E+01	-7.32E-03	-1.95E+00
8.64E+01	-9.30E+01	7.14E+01	-9.77E-03	-1.93E+00
8.64E+01	-9.30E+01	7.15E+01	1.83E-02	-1.91E+00
8.64E+01	-9.30E+01	7.16E+01	-4.88E-03	-1.93E+00
8.65E+01	-9.30E+01	7.13E+01	-3.66E-02	-1.94E+00
8.65E+01	-9.30E+01	7.13E+01	-3.42E-02	-1.94E+00
8.65E+01	-9.30E+01	7.10E+01	-1.22E-03	-1.94E+00
8.65E+01	-9.30E+01	7.13E+01	-1.22E-02	-1.93E+00
8.65E+01	-9.30E+01	7.16E+01	-6.10E-03	-1.92E+00
8.66E+01	-9.30E+01	7.16E+01	-1.22E-02	-1.92E+00
8.66E+01	-9.30E+01	7.14E+01	-2.44E-02	-1.92E+00
8.66E+01	-9.30E+01	7.13E+01	-3.66E-02	-1.91E+00
8.66E+01	-9.30E+01	7.14E+01	-2.32E-02	-1.92E+00
8.66E+01	-9.30E+01	7.12E+01	1.71E-02	-1.91E+00
8.67E+01	-9.30E+01	7.11E+01	1.46E-02	-1.91E+00
8.67E+01	-9.30E+01	7.16E+01	-1.22E-03	-1.92E+00
8.67E+01	-9.30E+01	7.14E+01	-2.69E-02	-1.90E+00
8.67E+01	-9.30E+01	7.12E+01	-1.22E-02	-1.91E+00
8.67E+01	-9.30E+01	7.14E+01	-2.69E-02	-1.92E+00
8.68E+01	-9.30E+01	7.11E+01	-1.95E-02	-1.92E+00
8.68E+01	-9.30E+01	7.12E+01	2.44E-03	-1.91E+00
8.68E+01	-9.30E+01	7.13E+01	-2.44E-03	-1.90E+00
8.68E+01	-9.30E+01	7.15E+01	-9.77E-03	-1.89E+00
8.68E+01	-9.30E+01	7.16E+01	-2.69E-02	-1.89E+00
8.69E+01	-9.30E+01	7.13E+01	-3.17E-02	-1.90E+00
8.69E+01	-9.30E+01	7.11E+01	-3.42E-02	-1.90E+00
8.69E+01	-9.30E+01	7.13E+01	-2.20E-02	-1.90E+00
8.69E+01	-9.30E+01	7.13E+01	-7.32E-03	-1.90E+00
8.69E+01	-9.30E+01	7.11E+01	-3.66E-03	-1.89E+00
8.70E+01	-9.30E+01	7.12E+01	-8.54E-03	-1.88E+00
8.70E+01	-9.30E+01	7.15E+01	-4.88E-03	-1.88E+00
8.70E+01	-9.30E+01	7.15E+01	1.95E-02	-1.88E+00
8.70E+01	-9.30E+01	7.17E+01	-4.88E-02	-1.89E+00
8.70E+01	-9.30E+01	7.12E+01	-2.69E-02	-1.89E+00
8.71E+01	-9.30E+01	7.11E+01	-4.64E-02	-1.89E+00
8.71E+01	-9.30E+01	7.14E+01	-1.22E-02	-1.89E+00

8.71E+01	-9.30E+01	7.13E+01	0.00E+00	-1.88E+00
8.71E+01	-9.30E+01	7.14E+01	-1.22E-03	-1.86E+00
8.71E+01	-9.30E+01	7.14E+01	-3.91E-02	-1.87E+00
8.72E+01	-9.30E+01	7.14E+01	-3.17E-02	-1.88E+00
8.72E+01	-9.30E+01	7.12E+01	-2.93E-02	-1.88E+00
8.72E+01	-9.30E+01	7.10E+01	-2.69E-02	-1.88E+00
8.72E+01	-9.30E+01	7.13E+01	-7.32E-03	-1.87E+00
8.72E+01	-9.30E+01	7.14E+01	0.00E+00	-1.87E+00
8.73E+01	-9.30E+01	7.13E+01	-7.32E-03	-1.85E+00
8.73E+01	-9.30E+01	7.15E+01	-2.20E-02	-1.86E+00
8.73E+01	-9.30E+01	7.11E+01	-2.69E-02	-1.87E+00
8.73E+01	-9.30E+01	7.14E+01	-2.44E-02	-1.87E+00
8.73E+01	-9.30E+01	7.13E+01	-3.66E-03	-1.85E+00
8.74E+01	-9.30E+01	7.13E+01	1.34E-02	-1.85E+00
8.74E+01	-9.30E+01	7.14E+01	-2.44E-03	-1.84E+00
8.74E+01	-9.30E+01	7.16E+01	-1.46E-02	-1.84E+00
8.74E+01	-9.30E+01	7.13E+01	-3.42E-02	-1.86E+00
8.74E+01	-9.30E+01	7.12E+01	-2.81E-02	-1.86E+00
8.75E+01	-9.30E+01	7.12E+01	-1.22E-03	-1.85E+00
8.75E+01	-9.30E+01	7.13E+01	-2.44E-03	-1.84E+00
8.75E+01	-9.30E+01	7.16E+01	-2.44E-02	-1.84E+00
8.75E+01	-9.30E+01	7.14E+01	-3.42E-02	-1.84E+00
8.75E+01	-9.30E+01	7.12E+01	-3.17E-02	-1.85E+00
8.76E+01	-9.30E+01	7.13E+01	-1.95E-02	-1.85E+00
8.76E+01	-9.30E+01	7.14E+01	-4.88E-03	-1.84E+00
8.76E+01	-9.30E+01	7.12E+01	-2.44E-03	-1.83E+00
8.76E+01	-9.30E+01	7.18E+01	-1.59E-02	-1.84E+00
8.76E+01	-9.30E+01	7.13E+01	-6.10E-02	-1.84E+00
8.77E+01	-9.30E+01	7.15E+01	-5.13E-02	-1.84E+00
8.77E+01	-9.30E+01	7.11E+01	-2.44E-03	-1.83E+00
8.77E+01	-9.30E+01	7.10E+01	-2.44E-03	-1.84E+00
8.77E+01	-9.30E+01	7.14E+01	-2.08E-02	-1.82E+00
8.77E+01	-9.30E+01	7.15E+01	-1.46E-02	-1.82E+00
8.78E+01	-9.30E+01	7.10E+01	-2.69E-02	-1.82E+00
8.78E+01	-9.30E+01	7.13E+01	-5.25E-02	-1.82E+00
8.78E+01	-9.30E+01	7.11E+01	-1.95E-02	-1.82E+00
8.78E+01	-9.30E+01	7.11E+01	-1.46E-02	-1.83E+00
8.78E+01	-9.30E+01	7.11E+01	-8.54E-03	-1.82E+00
8.79E+01	-9.30E+01	7.10E+01	-6.10E-03	-1.81E+00
8.79E+01	-9.30E+01	7.14E+01	-1.71E-02	-1.81E+00
8.79E+01	-9.30E+01	7.11E+01	-3.66E-02	-1.81E+00
8.79E+01	-9.30E+01	7.08E+01	-4.15E-02	-1.81E+00
8.79E+01	-9.30E+01	7.09E+01	-2.69E-02	-1.82E+00
8.80E+01	-9.30E+01	7.13E+01	-1.46E-02	-1.81E+00
8.80E+01	-9.30E+01	7.14E+01	2.44E-03	-1.81E+00
8.80E+01	-9.30E+01	7.10E+01	-8.54E-03	-1.80E+00
8.80E+01	-9.30E+01	7.13E+01	-3.42E-02	-1.80E+00

8.80E+01	-9.30E+01	7.16E+01	-2.44E-02	-1.81E+00
8.81E+01	-9.30E+01	7.10E+01	-1.71E-02	-1.82E+00
8.81E+01	-9.30E+01	7.06E+01	-1.83E-02	-1.80E+00
8.81E+01	-9.30E+01	7.07E+01	-1.95E-02	-1.80E+00
8.81E+01	-9.30E+01	7.11E+01	-4.88E-03	-1.78E+00
8.81E+01	-9.30E+01	7.14E+01	-1.46E-02	-1.78E+00
8.82E+01	-9.30E+01	7.07E+01	-4.64E-02	-1.79E+00
8.82E+01	-9.30E+01	7.07E+01	-2.93E-02	-1.80E+00
8.82E+01	-9.30E+01	7.10E+01	-2.08E-02	-1.78E+00
8.82E+01	-9.30E+01	7.10E+01	-3.42E-02	-1.79E+00
8.82E+01	-9.30E+01	7.11E+01	-1.22E-02	-1.79E+00
8.83E+01	-9.30E+01	7.08E+01	-1.22E-02	-1.77E+00
8.83E+01	-9.30E+01	7.12E+01	2.44E-03	-1.77E+00
8.83E+01	-9.30E+01	7.11E+01	-1.71E-02	-1.77E+00
8.83E+01	-9.30E+01	7.09E+01	-4.15E-02	-1.78E+00
8.83E+01	-9.30E+01	7.06E+01	-1.95E-02	-1.78E+00
8.84E+01	-9.30E+01	7.06E+01	-6.10E-03	-1.78E+00
8.84E+01	-9.30E+01	7.10E+01	1.22E-03	-1.77E+00
8.84E+01	-9.30E+01	7.10E+01	-3.66E-03	-1.77E+00
8.84E+01	-9.30E+01	7.08E+01	-2.20E-02	-1.76E+00
8.84E+01	-9.30E+01	7.09E+01	-3.91E-02	-1.76E+00
8.85E+01	-9.30E+01	7.10E+01	-2.69E-02	-1.77E+00
8.85E+01	-9.30E+01	7.08E+01	-2.20E-02	-1.78E+00
8.85E+01	-9.30E+01	7.05E+01	-9.77E-03	-1.76E+00
8.85E+01	-9.30E+01	7.07E+01	-1.22E-02	-1.76E+00
8.85E+01	-9.30E+01	7.06E+01	1.22E-03	-1.76E+00
8.86E+01	-9.30E+01	7.10E+01	-4.88E-03	-1.74E+00
8.86E+01	-9.30E+01	7.08E+01	-1.10E-02	-1.74E+00
8.86E+01	-9.30E+01	7.08E+01	-2.93E-02	-1.75E+00
8.86E+01	-9.30E+01	7.05E+01	-3.91E-02	-1.76E+00
8.86E+01	-9.30E+01	7.05E+01	-1.22E-02	-1.75E+00
8.87E+01	-9.30E+01	7.07E+01	2.44E-03	-1.75E+00
8.87E+01	-9.30E+01	7.05E+01	-9.77E-03	-1.74E+00
8.87E+01	-9.30E+01	7.07E+01	-1.95E-02	-1.74E+00
8.87E+01	-9.30E+01	7.06E+01	-3.42E-02	-1.74E+00
8.87E+01	-9.30E+01	7.06E+01	-3.54E-02	-1.74E+00
8.88E+01	-9.30E+01	7.05E+01	-1.22E-02	-1.74E+00
8.88E+01	-9.30E+01	7.05E+01	2.44E-03	-1.74E+00
8.88E+01	-9.30E+01	7.06E+01	-1.22E-02	-1.73E+00
8.88E+01	-9.30E+01	7.05E+01	-3.66E-03	-1.73E+00
8.88E+01	-9.30E+01	7.04E+01	-2.69E-02	-1.73E+00
8.89E+01	-9.30E+01	7.05E+01	-3.66E-02	-1.73E+00
8.89E+01	-9.30E+01	7.08E+01	-4.15E-02	-1.74E+00
8.89E+01	-9.30E+01	7.04E+01	-1.71E-02	-1.74E+00
8.89E+01	-9.30E+01	7.04E+01	-4.88E-03	-1.71E+00
8.89E+01	-9.30E+01	7.06E+01	-2.32E-02	-1.73E+00
8.90E+01	-9.30E+01	7.03E+01	-1.22E-02	-1.72E+00

8.90E+01	-9.30E+01	7.04E+01	-3.17E-02	-1.72E+00
8.90E+01	-9.30E+01	7.05E+01	-1.46E-02	-1.71E+00
8.90E+01	-9.30E+01	7.05E+01	-1.95E-02	-1.72E+00
8.90E+01	-9.30E+01	7.03E+01	-2.44E-02	-1.72E+00
8.91E+01	-9.30E+01	7.03E+01	-1.46E-02	-1.72E+00
8.91E+01	-9.30E+01	7.02E+01	-1.59E-02	-1.72E+00
8.91E+01	-9.30E+01	7.00E+01	-4.88E-03	-1.70E+00
8.91E+01	-9.30E+01	7.06E+01	-8.54E-03	-1.70E+00
8.91E+01	-9.30E+01	7.06E+01	-2.32E-02	-1.71E+00
8.92E+01	-9.30E+01	7.03E+01	-3.91E-02	-1.71E+00
8.92E+01	-9.30E+01	7.02E+01	-3.17E-02	-1.71E+00
8.92E+01	-9.30E+01	7.03E+01	-7.32E-03	-1.71E+00
8.92E+01	-9.30E+01	7.05E+01	-1.83E-02	-1.70E+00
8.92E+01	-9.30E+01	7.06E+01	-9.77E-03	-1.69E+00
8.93E+01	-9.30E+01	7.02E+01	-2.20E-02	-1.70E+00
8.93E+01	-9.30E+01	7.04E+01	-3.42E-02	-1.70E+00
8.93E+01	-9.30E+01	7.05E+01	-4.27E-02	-1.71E+00
8.93E+01	-9.30E+01	6.97E+01	7.32E-03	-1.70E+00
8.93E+01	-9.30E+01	6.98E+01	-9.77E-03	-1.69E+00
8.94E+01	-9.30E+01	7.03E+01	2.56E-02	-1.67E+00
8.94E+01	-9.30E+01	7.06E+01	4.88E-03	-1.68E+00
8.94E+01	-9.30E+01	7.04E+01	-2.20E-02	-1.68E+00
8.94E+01	-9.30E+01	7.03E+01	-2.44E-02	-1.68E+00
8.94E+01	-9.30E+01	7.03E+01	-9.77E-03	-1.68E+00
8.95E+01	-9.30E+01	7.00E+01	-2.69E-02	-1.69E+00
8.95E+01	-9.30E+01	7.00E+01	-1.95E-02	-1.68E+00
8.95E+01	-9.30E+01	7.01E+01	2.44E-03	-1.68E+00
8.95E+01	-9.30E+01	7.02E+01	-6.10E-03	-1.67E+00
8.95E+01	-9.30E+01	7.05E+01	-1.46E-02	-1.66E+00
8.96E+01	-9.30E+01	7.03E+01	-2.32E-02	-1.67E+00
8.96E+01	-9.30E+01	7.01E+01	-2.20E-02	-1.67E+00
8.96E+01	-9.30E+01	7.01E+01	-3.42E-02	-1.67E+00
8.96E+01	-9.30E+01	7.01E+01	-1.71E-02	-1.67E+00
8.96E+01	-9.30E+01	7.02E+01	-1.22E-02	-1.67E+00
8.97E+01	-9.30E+01	6.99E+01	-1.59E-02	-1.66E+00
8.97E+01	-9.30E+01	7.02E+01	0.00E+00	-1.65E+00
8.97E+01	-9.30E+01	7.01E+01	-1.83E-02	-1.65E+00
8.97E+01	-9.30E+01	7.01E+01	-4.88E-02	-1.65E+00
8.97E+01	-9.30E+01	6.98E+01	-2.44E-03	-1.66E+00
8.98E+01	-9.30E+01	6.99E+01	-1.22E-02	-1.66E+00
8.98E+01	-9.30E+01	7.01E+01	-1.22E-02	-1.65E+00
8.98E+01	-9.30E+01	7.02E+01	3.05E-02	-1.63E+00
8.98E+01	-9.30E+01	7.04E+01	0.00E+00	-1.64E+00
8.98E+01	-9.30E+01	6.99E+01	-2.93E-02	-1.65E+00
8.99E+01	-9.30E+01	7.01E+01	-4.39E-02	-1.65E+00
8.99E+01	-9.30E+01	6.97E+01	-2.93E-02	-1.66E+00
8.99E+01	-9.30E+01	7.00E+01	-1.46E-02	-1.65E+00

8.99E+01	-9.30E+01	7.00E+01	0.00E+00	-1.65E+00
8.99E+01	-9.30E+01	7.01E+01	-1.71E-02	-1.63E+00
9.00E+01	-9.30E+01	7.02E+01	-1.46E-02	-1.63E+00
9.00E+01	-9.30E+01	7.01E+01	-1.71E-02	-1.63E+00
9.00E+01	-9.30E+01	7.00E+01	-2.69E-02	-1.64E+00
9.00E+01	-9.30E+01	7.00E+01	-3.17E-02	-1.64E+00
9.00E+01	-9.30E+01	6.99E+01	-1.71E-02	-1.64E+00
9.01E+01	-9.30E+01	6.99E+01	-2.44E-03	-1.63E+00
9.01E+01	-9.30E+01	7.00E+01	-9.77E-03	-1.62E+00
9.01E+01	-9.30E+01	7.01E+01	-2.69E-02	-1.62E+00
9.01E+01	-9.30E+01	6.99E+01	-3.17E-02	-1.63E+00
9.01E+01	-9.30E+01	7.01E+01	-2.81E-02	-1.63E+00
9.02E+01	-9.30E+01	6.96E+01	-7.32E-03	-1.62E+00
9.02E+01	-9.30E+01	6.97E+01	1.22E-03	-1.62E+00
9.02E+01	-9.30E+01	7.01E+01	-1.10E-02	-1.61E+00
9.02E+01	-9.30E+01	7.02E+01	-1.95E-02	-1.61E+00
9.02E+01	-9.30E+01	7.00E+01	-3.42E-02	-1.61E+00
9.03E+01	-9.30E+01	6.98E+01	-3.30E-02	-1.62E+00
9.03E+01	-9.30E+01	6.98E+01	-2.08E-02	-1.62E+00
9.03E+01	-9.30E+01	6.98E+01	7.32E-03	-1.60E+00
9.03E+01	-9.30E+01	7.03E+01	-1.22E-02	-1.60E+00
9.03E+01	-9.30E+01	7.01E+01	-2.44E-03	-1.60E+00
9.04E+01	-9.30E+01	6.98E+01	-3.42E-02	-1.61E+00
9.04E+01	-9.30E+01	6.96E+01	-2.69E-02	-1.60E+00
9.04E+01	-9.30E+01	6.99E+01	-2.81E-02	-1.60E+00
9.04E+01	-9.30E+01	6.97E+01	-2.93E-02	-1.60E+00
9.04E+01	-9.30E+01	6.99E+01	-2.44E-03	-1.59E+00
9.05E+01	-9.30E+01	6.97E+01	1.46E-02	-1.60E+00
9.05E+01	-9.30E+01	6.99E+01	0.00E+00	-1.60E+00
9.05E+01	-9.30E+01	7.00E+01	4.88E-03	-1.58E+00
9.05E+01	-9.30E+01	7.03E+01	-3.17E-02	-1.59E+00
9.05E+01	-9.30E+01	6.99E+01	-2.69E-02	-1.59E+00
9.06E+01	-9.30E+01	6.95E+01	-3.78E-02	-1.59E+00
9.06E+01	-9.30E+01	6.96E+01	-9.77E-03	-1.59E+00
9.06E+01	-9.30E+01	6.95E+01	4.88E-03	-1.59E+00
9.06E+01	-9.30E+01	6.98E+01	-9.77E-03	-1.57E+00
9.06E+01	-9.30E+01	6.98E+01	-1.59E-02	-1.57E+00
9.07E+01	-9.30E+01	6.98E+01	-2.08E-02	-1.58E+00
9.07E+01	-9.30E+01	7.00E+01	-3.42E-02	-1.58E+00
9.07E+01	-9.30E+01	6.99E+01	-3.42E-02	-1.58E+00
9.07E+01	-9.30E+01	6.96E+01	-1.71E-02	-1.58E+00
9.07E+01	-9.30E+01	6.95E+01	-1.10E-02	-1.58E+00
9.08E+01	-9.30E+01	6.96E+01	-4.88E-03	-1.57E+00
9.08E+01	-9.30E+01	6.98E+01	-4.88E-03	-1.57E+00
9.08E+01	-9.30E+01	6.99E+01	-8.54E-03	-1.56E+00
9.08E+01	-9.30E+01	6.97E+01	-2.69E-02	-1.56E+00
9.08E+01	-9.30E+01	6.97E+01	-2.69E-02	-1.56E+00

9.09E+01	-9.30E+01	6.97E+01	-1.46E-02	-1.57E+00
9.09E+01	-9.30E+01	6.97E+01	-1.46E-02	-1.56E+00
9.09E+01	-9.30E+01	6.98E+01	2.44E-03	-1.55E+00
9.09E+01	-9.30E+01	6.96E+01	8.54E-03	-1.57E+00
9.09E+01	-9.30E+01	7.00E+01	-4.88E-03	-1.55E+00
9.10E+01	-9.30E+01	6.96E+01	-3.54E-02	-1.56E+00
9.10E+01	-9.30E+01	6.99E+01	-3.17E-02	-1.55E+00
9.10E+01	-9.30E+01	6.96E+01	-2.69E-02	-1.56E+00
9.10E+01	-9.30E+01	6.95E+01	1.22E-02	-1.55E+00
9.10E+01	-9.30E+01	6.98E+01	-4.88E-03	-1.55E+00
9.11E+01	-9.30E+01	7.00E+01	-1.59E-02	-1.53E+00
9.11E+01	-9.30E+01	6.97E+01	0.00E+00	-1.54E+00
9.11E+01	-9.30E+01	6.98E+01	-3.66E-02	-1.54E+00
9.11E+01	-9.30E+01	6.97E+01	-3.42E-02	-1.53E+00
9.11E+01	-9.30E+01	6.98E+01	-2.69E-02	-1.55E+00
9.12E+01	-9.30E+01	6.97E+01	-1.71E-02	-1.54E+00
9.12E+01	-9.30E+01	6.96E+01	-9.77E-03	-1.53E+00
9.12E+01	-9.30E+01	6.98E+01	4.88E-03	-1.52E+00
9.12E+01	-9.30E+01	6.97E+01	-2.32E-02	-1.53E+00
9.12E+01	-9.30E+01	6.99E+01	-2.69E-02	-1.52E+00
9.13E+01	-9.30E+01	6.99E+01	-1.95E-02	-1.52E+00
9.13E+01	-9.30E+01	7.01E+01	-3.17E-02	-1.52E+00
9.13E+01	-9.30E+01	6.99E+01	-3.17E-02	-1.53E+00
9.13E+01	-9.30E+01	6.96E+01	-2.93E-02	-1.53E+00
9.13E+01	-9.30E+01	6.95E+01	-1.22E-02	-1.53E+00
9.14E+01	-9.30E+01	6.98E+01	1.22E-03	-1.52E+00
9.14E+01	-9.30E+01	7.01E+01	-4.88E-03	-1.51E+00
9.14E+01	-9.30E+01	6.98E+01	-1.83E-02	-1.51E+00
9.14E+01	-9.30E+01	6.92E+01	-4.76E-02	-1.52E+00
9.14E+01	-9.30E+01	6.92E+01	-2.93E-02	-1.52E+00
9.15E+01	-9.30E+01	6.96E+01	-7.32E-03	-1.52E+00
9.15E+01	-9.30E+01	6.99E+01	-7.32E-03	-1.51E+00
9.15E+01	-9.30E+01	6.98E+01	-4.88E-03	-1.50E+00
9.15E+01	-9.30E+01	6.98E+01	0.00E+00	-1.50E+00
9.15E+01	-9.30E+01	7.01E+01	-2.56E-02	-1.50E+00
9.16E+01	-9.30E+01	7.02E+01	-2.93E-02	-1.50E+00
9.16E+01	-9.30E+01	6.95E+01	-2.81E-02	-1.51E+00
9.16E+01	-9.30E+01	6.94E+01	-7.32E-03	-1.51E+00
9.16E+01	-9.30E+01	6.96E+01	-4.88E-03	-1.50E+00
9.16E+01	-9.30E+01	7.00E+01	-4.88E-03	-1.50E+00
9.17E+01	-9.30E+01	6.96E+01	3.66E-03	-1.49E+00
9.17E+01	-9.30E+01	6.98E+01	-2.93E-02	-1.49E+00
9.17E+01	-9.30E+01	6.99E+01	-3.17E-02	-1.50E+00
9.17E+01	-9.30E+01	6.96E+01	-3.17E-02	-1.50E+00
9.17E+01	-9.30E+01	7.01E+01	-2.93E-02	-1.49E+00
9.18E+01	-9.30E+01	6.96E+01	-4.88E-03	-1.50E+00
9.18E+01	-9.30E+01	6.97E+01	-1.95E-02	-1.49E+00

9.18E+01	-9.30E+01	7.03E+01	-1.46E-02	-1.47E+00
9.18E+01	-9.30E+01	7.01E+01	-1.83E-02	-1.47E+00
9.18E+01	-9.30E+01	6.99E+01	-2.69E-02	-1.47E+00
9.19E+01	-9.30E+01	6.98E+01	-2.20E-02	-1.47E+00
9.19E+01	-9.30E+01	6.95E+01	-1.10E-02	-1.48E+00
9.19E+01	-9.30E+01	6.99E+01	-9.77E-03	-1.49E+00
9.19E+01	-9.30E+01	6.97E+01	8.54E-03	-1.47E+00
9.19E+01	-9.30E+01	7.00E+01	-4.88E-03	-1.46E+00
9.20E+01	-9.30E+01	7.00E+01	-7.32E-03	-1.47E+00
9.20E+01	-9.30E+01	6.99E+01	-3.30E-02	-1.47E+00
9.20E+01	-9.30E+01	6.99E+01	-2.32E-02	-1.47E+00
9.20E+01	-9.30E+01	6.95E+01	-2.69E-02	-1.47E+00
9.20E+01	-9.30E+01	6.98E+01	-7.32E-03	-1.47E+00
9.21E+01	-9.30E+01	6.99E+01	-2.32E-02	-1.46E+00
9.21E+01	-9.30E+01	7.00E+01	-4.88E-03	-1.46E+00
9.21E+01	-9.30E+01	7.00E+01	-3.05E-02	-1.45E+00
9.21E+01	-9.30E+01	6.99E+01	-1.95E-02	-1.46E+00
9.21E+01	-9.30E+01	6.98E+01	-4.39E-02	-1.47E+00
9.22E+01	-9.30E+01	6.99E+01	-3.30E-02	-1.46E+00
9.22E+01	-9.30E+01	7.00E+01	-2.32E-02	-1.46E+00
9.22E+01	-9.30E+01	7.00E+01	-8.54E-03	-1.46E+00
9.22E+01	-9.30E+01	6.98E+01	2.44E-03	-1.45E+00
9.22E+01	-9.30E+01	7.01E+01	-1.22E-02	-1.44E+00
9.23E+01	-9.30E+01	7.02E+01	-1.46E-02	-1.44E+00
9.23E+01	-9.30E+01	7.00E+01	-3.91E-02	-1.44E+00
9.23E+01	-9.30E+01	6.99E+01	-2.69E-02	-1.45E+00
9.23E+01	-9.30E+01	6.99E+01	-7.32E-03	-1.45E+00
9.23E+01	-9.30E+01	6.98E+01	-1.46E-02	-1.44E+00
9.24E+01	-9.30E+01	7.00E+01	-7.32E-03	-1.43E+00
9.24E+01	-9.30E+01	7.00E+01	-3.66E-03	-1.43E+00
9.24E+01	-9.30E+01	7.00E+01	-2.56E-02	-1.43E+00
9.24E+01	-9.30E+01	7.02E+01	-3.42E-02	-1.43E+00
9.24E+01	-9.30E+01	7.00E+01	-2.93E-02	-1.43E+00
9.25E+01	-9.30E+01	6.98E+01	-2.20E-02	-1.44E+00
9.25E+01	-9.30E+01	6.99E+01	-6.10E-03	-1.43E+00
9.25E+01	-9.30E+01	6.99E+01	2.44E-03	-1.43E+00
9.25E+01	-9.30E+01	7.01E+01	-7.32E-03	-1.42E+00
9.25E+01	-9.30E+01	7.03E+01	-2.69E-02	-1.41E+00
9.26E+01	-9.30E+01	7.00E+01	-1.22E-02	-1.42E+00
9.26E+01	-9.30E+01	6.98E+01	-2.32E-02	-1.43E+00
9.26E+01	-9.30E+01	6.99E+01	-1.71E-02	-1.42E+00
9.26E+01	-9.30E+01	7.00E+01	4.88E-03	-1.42E+00
9.26E+01	-9.30E+01	7.00E+01	4.88E-03	-1.41E+00
9.27E+01	-9.30E+01	7.01E+01	-9.77E-03	-1.40E+00
9.27E+01	-9.30E+01	7.03E+01	-1.59E-02	-1.41E+00
9.27E+01	-9.30E+01	7.01E+01	-1.71E-02	-1.41E+00
9.27E+01	-9.30E+01	7.00E+01	-2.93E-02	-1.41E+00

9.27E+01	-9.30E+01	6.99E+01	-2.44E-03	-1.41E+00
9.28E+01	-9.30E+01	6.99E+01	-1.22E-03	-1.40E+00
9.28E+01	-9.30E+01	7.03E+01	-1.10E-02	-1.39E+00
9.28E+01	-9.30E+01	7.02E+01	-1.46E-02	-1.39E+00
9.28E+01	-9.30E+01	7.00E+01	-2.81E-02	-1.39E+00
9.28E+01	-9.30E+01	7.01E+01	-2.44E-02	-1.39E+00
9.29E+01	-9.30E+01	6.99E+01	-2.32E-02	-1.40E+00
9.29E+01	-9.30E+01	6.98E+01	-1.59E-02	-1.40E+00
9.29E+01	-9.30E+01	7.02E+01	-4.88E-03	-1.39E+00
9.29E+01	-9.30E+01	7.04E+01	-7.32E-03	-1.39E+00
9.29E+01	-9.30E+01	7.02E+01	-1.46E-02	-1.38E+00
9.30E+01	-9.30E+01	7.03E+01	-3.42E-02	-1.38E+00
9.30E+01	-9.30E+01	7.02E+01	-3.66E-02	-1.39E+00
9.30E+01	-9.30E+01	7.00E+01	-1.95E-02	-1.39E+00
9.30E+01	-9.30E+01	6.99E+01	-2.69E-02	-1.39E+00
9.30E+01	-9.30E+01	7.00E+01	-1.46E-02	-1.38E+00
9.31E+01	-9.30E+01	7.00E+01	4.88E-03	-1.38E+00
9.31E+01	-9.30E+01	7.00E+01	0.00E+00	-1.38E+00
9.31E+01	-9.30E+01	7.02E+01	-8.54E-03	-1.37E+00
9.31E+01	-9.30E+01	7.03E+01	-8.54E-03	-1.37E+00
9.31E+01	-9.30E+01	7.03E+01	-1.46E-02	-1.37E+00
9.32E+01	-9.30E+01	7.04E+01	-3.66E-02	-1.36E+00
9.32E+01	-9.30E+01	7.01E+01	-2.93E-02	-1.38E+00
9.32E+01	-9.30E+01	7.01E+01	-3.66E-03	-1.37E+00
9.32E+01	-9.30E+01	7.01E+01	-1.95E-02	-1.36E+00
9.32E+01	-9.30E+01	7.02E+01	-3.66E-03	-1.36E+00
9.33E+01	-9.30E+01	7.03E+01	-1.95E-02	-1.36E+00
9.33E+01	-9.30E+01	6.99E+01	-1.34E-02	-1.35E+00
9.33E+01	-9.30E+01	7.03E+01	-2.56E-02	-1.36E+00
9.33E+01	-9.30E+01	7.00E+01	-2.20E-02	-1.37E+00
9.33E+01	-9.30E+01	6.99E+01	-4.88E-02	-1.37E+00
9.34E+01	-9.30E+01	6.98E+01	-7.32E-03	-1.36E+00
9.34E+01	-9.30E+01	7.03E+01	2.44E-03	-1.34E+00
9.34E+01	-9.30E+01	7.02E+01	2.44E-03	-1.34E+00
9.34E+01	-9.30E+01	7.03E+01	-2.08E-02	-1.34E+00
9.34E+01	-9.30E+01	7.05E+01	-9.77E-03	-1.34E+00
9.35E+01	-9.30E+01	7.05E+01	-1.83E-02	-1.34E+00
9.35E+01	-9.30E+01	7.01E+01	-7.32E-03	-1.34E+00
9.35E+01	-9.30E+01	7.00E+01	-3.17E-02	-1.35E+00
9.35E+01	-9.30E+01	7.01E+01	-1.71E-02	-1.34E+00
9.35E+01	-9.30E+01	7.03E+01	6.10E-03	-1.32E+00
9.36E+01	-9.30E+01	7.05E+01	-1.22E-02	-1.33E+00
9.36E+01	-9.30E+01	7.00E+01	-2.44E-02	-1.33E+00
9.36E+01	-9.30E+01	7.02E+01	-4.03E-02	-1.32E+00
9.36E+01	-9.30E+01	7.04E+01	-2.93E-02	-1.33E+00
9.36E+01	-9.30E+01	7.03E+01	-3.54E-02	-1.34E+00
9.37E+01	-9.30E+01	7.02E+01	-2.32E-02	-1.32E+00

9.37E+01	-9.30E+01	7.00E+01	-2.56E-02	-1.33E+00
9.37E+01	-9.30E+01	7.03E+01	-2.44E-03	-1.33E+00
9.37E+01	-9.30E+01	7.01E+01	1.22E-03	-1.32E+00
9.37E+01	-9.30E+01	7.03E+01	-7.32E-03	-1.31E+00
9.38E+01	-9.30E+01	7.03E+01	-4.52E-02	-1.32E+00
9.38E+01	-9.30E+01	7.03E+01	-1.71E-02	-1.31E+00
9.38E+01	-9.30E+01	7.02E+01	-3.66E-02	-1.32E+00
9.38E+01	-9.30E+01	7.01E+01	-3.66E-02	-1.32E+00
9.38E+01	-9.30E+01	7.01E+01	-1.95E-02	-1.32E+00
9.39E+01	-9.30E+01	7.01E+01	-2.20E-02	-1.32E+00
9.39E+01	-9.30E+01	7.00E+01	-3.66E-03	-1.31E+00
9.39E+01	-9.30E+01	7.02E+01	4.88E-03	-1.31E+00
9.39E+01	-9.30E+01	7.04E+01	0.00E+00	-1.30E+00
9.39E+01	-9.30E+01	7.05E+01	-1.46E-02	-1.30E+00
9.40E+01	-9.30E+01	7.04E+01	-3.17E-02	-1.30E+00
9.40E+01	-9.30E+01	7.01E+01	-3.66E-02	-1.30E+00
9.40E+01	-9.30E+01	7.01E+01	-3.66E-02	-1.31E+00
9.40E+01	-9.30E+01	7.01E+01	0.00E+00	-1.31E+00
9.40E+01	-9.30E+01	7.03E+01	-4.88E-03	-1.30E+00
9.41E+01	-9.30E+01	7.03E+01	-3.66E-03	-1.28E+00
9.41E+01	-9.30E+01	7.03E+01	-1.46E-02	-1.29E+00
9.41E+01	-9.30E+01	7.03E+01	-3.91E-02	-1.29E+00
9.41E+01	-9.30E+01	7.03E+01	-4.88E-02	-1.29E+00
9.41E+01	-9.30E+01	7.01E+01	-3.17E-02	-1.29E+00
9.42E+01	-9.30E+01	7.00E+01	-1.95E-02	-1.30E+00
9.42E+01	-9.30E+01	6.98E+01	-2.93E-02	-1.30E+00
9.42E+01	-9.30E+01	7.06E+01	-1.10E-02	-1.29E+00
9.42E+01	-9.30E+01	7.00E+01	7.32E-03	-1.29E+00
9.42E+01	-9.30E+01	7.02E+01	-3.54E-02	-1.27E+00
9.43E+01	-9.30E+01	7.06E+01	-2.56E-02	-1.27E+00
9.43E+01	-9.30E+01	7.06E+01	-1.46E-02	-1.26E+00
9.43E+01	-9.30E+01	7.04E+01	-3.17E-02	-1.29E+00
9.43E+01	-9.30E+01	7.01E+01	-2.69E-02	-1.28E+00
9.43E+01	-9.30E+01	7.00E+01	-2.44E-02	-1.28E+00
9.44E+01	-9.30E+01	7.02E+01	-1.71E-02	-1.28E+00
9.44E+01	-9.30E+01	7.00E+01	-9.77E-03	-1.28E+00
9.44E+01	-9.30E+01	7.02E+01	-1.22E-02	-1.26E+00
9.44E+01	-9.30E+01	7.03E+01	0.00E+00	-1.26E+00
9.44E+01	-9.30E+01	7.04E+01	-2.93E-02	-1.26E+00
9.45E+01	-9.30E+01	7.03E+01	-3.30E-02	-1.26E+00
9.45E+01	-9.30E+01	7.03E+01	-2.69E-02	-1.27E+00
9.45E+01	-9.30E+01	7.01E+01	-1.59E-02	-1.25E+00
9.45E+01	-9.30E+01	7.02E+01	-1.71E-02	-1.26E+00
9.45E+01	-9.30E+01	7.00E+01	-9.77E-03	-1.25E+00
9.46E+01	-9.30E+01	7.03E+01	-3.17E-02	-1.25E+00
9.46E+01	-9.30E+01	7.03E+01	-3.91E-02	-1.25E+00
9.46E+01	-9.30E+01	7.00E+01	6.10E-03	-1.25E+00

9.46E+01	-9.30E+01	7.05E+01	2.44E-03	-1.25E+00
9.46E+01	-9.30E+01	7.00E+01	0.00E+00	-1.25E+00
9.47E+01	-9.30E+01	7.03E+01	-6.10E-02	-1.25E+00
9.47E+01	-9.30E+01	7.04E+01	-4.64E-02	-1.24E+00
9.47E+01	-9.30E+01	7.04E+01	-2.44E-02	-1.25E+00
9.47E+01	-9.30E+01	6.99E+01	-3.17E-02	-1.25E+00
9.47E+01	-9.30E+01	6.99E+01	1.59E-02	-1.23E+00
9.48E+01	-9.30E+01	7.03E+01	-2.44E-03	-1.24E+00
9.48E+01	-9.30E+01	7.02E+01	2.44E-03	-1.25E+00
9.48E+01	-9.30E+01	7.04E+01	-3.30E-02	-1.23E+00
9.48E+01	-9.30E+01	7.00E+01	2.44E-03	-1.23E+00
9.48E+01	-9.30E+01	7.01E+01	-2.93E-02	-1.23E+00
9.49E+01	-9.30E+01	7.01E+01	-1.95E-02	-1.24E+00
9.49E+01	-9.30E+01	7.01E+01	-2.69E-02	-1.23E+00
9.49E+01	-9.30E+01	7.02E+01	-1.83E-02	-1.23E+00
9.49E+01	-9.30E+01	6.99E+01	-7.32E-03	-1.20E+00
9.49E+01	-9.30E+01	6.98E+01	-2.20E-02	-1.22E+00
9.50E+01	-9.30E+01	6.96E+01	1.46E-02	-1.22E+00
9.50E+01	-9.30E+01	7.03E+01	-2.32E-02	-1.22E+00
9.50E+01	-9.30E+01	7.03E+01	-2.69E-02	-1.19E+00
9.50E+01	-9.30E+01	7.02E+01	-9.77E-03	-1.22E+00
9.50E+01	-9.30E+01	6.95E+01	-7.32E-03	-1.22E+00
9.51E+01	-9.30E+01	6.99E+01	-3.66E-02	-1.23E+00
9.51E+01	-9.30E+01	7.02E+01	-1.34E-02	-1.23E+00
9.51E+01	-9.30E+01	7.01E+01	-2.20E-02	-1.21E+00
9.51E+01	-9.30E+01	6.94E+01	-1.46E-02	-1.22E+00
9.51E+01	-9.30E+01	6.99E+01	-7.32E-03	-1.21E+00
9.52E+01	-9.30E+01	7.03E+01	-7.32E-03	-1.19E+00
9.52E+01	-9.30E+01	6.98E+01	-1.22E-02	-1.19E+00
9.52E+01	-9.30E+01	7.01E+01	-3.66E-02	-1.19E+00
9.52E+01	-9.30E+01	7.00E+01	-3.54E-02	-1.21E+00
9.52E+01	-9.30E+01	6.93E+01	0.00E+00	-1.20E+00
9.53E+01	-9.30E+01	6.97E+01	-1.46E-02	-1.19E+00
9.53E+01	-9.30E+01	6.99E+01	0.00E+00	-1.20E+00
9.53E+01	-9.30E+01	7.00E+01	-2.20E-02	-1.18E+00
9.53E+01	-9.30E+01	7.02E+01	-1.95E-02	-1.18E+00
9.53E+01	-9.30E+01	7.00E+01	-9.77E-03	-1.19E+00
9.54E+01	-9.30E+01	7.03E+01	-2.32E-02	-1.19E+00
9.54E+01	-9.30E+01	6.96E+01	-1.46E-02	-1.18E+00
9.54E+01	-9.30E+01	6.97E+01	-3.66E-02	-1.18E+00
9.54E+01	-9.30E+01	6.99E+01	-1.46E-02	-1.19E+00
9.54E+01	-9.30E+01	6.98E+01	-2.56E-02	-1.19E+00
9.55E+01	-9.30E+01	6.96E+01	-2.44E-03	-1.18E+00
9.55E+01	-9.30E+01	6.99E+01	-2.44E-03	-1.16E+00
9.55E+01	-9.30E+01	7.00E+01	-7.32E-03	-1.18E+00
9.55E+01	-9.30E+01	7.02E+01	-4.39E-02	-1.16E+00
9.55E+01	-9.30E+01	6.99E+01	-2.44E-02	-1.17E+00

9.56E+01	-9.30E+01	6.98E+01	-1.71E-02	-1.19E+00
9.56E+01	-9.30E+01	6.97E+01	-8.54E-03	-1.16E+00
9.56E+01	-9.30E+01	7.00E+01	-2.44E-02	-1.17E+00
9.56E+01	-9.30E+01	6.95E+01	-4.88E-03	-1.16E+00
9.56E+01	-9.30E+01	6.96E+01	-1.10E-02	-1.16E+00
9.57E+01	-9.30E+01	6.99E+01	2.44E-03	-1.15E+00
9.57E+01	-9.30E+01	7.00E+01	-1.71E-02	-1.15E+00
9.57E+01	-9.30E+01	6.99E+01	-3.91E-02	-1.14E+00
9.57E+01	-9.30E+01	6.97E+01	-9.77E-03	-1.15E+00
9.57E+01	-9.30E+01	6.98E+01	-3.91E-02	-1.16E+00
9.58E+01	-9.30E+01	6.99E+01	-2.44E-02	-1.15E+00
9.58E+01	-9.30E+01	6.95E+01	-2.44E-03	-1.14E+00
9.58E+01	-9.30E+01	6.97E+01	9.77E-03	-1.15E+00
9.58E+01	-9.30E+01	6.99E+01	4.88E-03	-1.14E+00
9.58E+01	-9.30E+01	6.98E+01	-8.54E-03	-1.13E+00
9.59E+01	-9.30E+01	7.00E+01	-2.69E-02	-1.14E+00
9.59E+01	-9.30E+01	6.92E+01	0.00E+00	-1.14E+00
9.59E+01	-9.30E+01	6.94E+01	-3.17E-02	-1.13E+00
9.59E+01	-9.30E+01	6.95E+01	-1.46E-02	-1.14E+00
9.59E+01	-9.30E+01	6.92E+01	7.32E-03	-1.14E+00
9.60E+01	-9.30E+01	6.94E+01	-1.22E-02	-1.14E+00
9.60E+01	-9.30E+01	6.93E+01	-2.44E-03	-1.12E+00
9.60E+01	-9.30E+01	6.96E+01	-7.32E-03	-1.12E+00
9.60E+01	-9.30E+01	6.93E+01	0.00E+00	-1.13E+00
9.60E+01	-9.30E+01	6.94E+01	-1.59E-02	-1.13E+00
9.61E+01	-9.30E+01	6.96E+01	-4.76E-02	-1.12E+00
9.61E+01	-9.30E+01	6.98E+01	-2.93E-02	-1.12E+00
9.61E+01	-9.30E+01	6.91E+01	-3.17E-02	-1.13E+00
9.61E+01	-9.30E+01	6.92E+01	-3.91E-02	-1.14E+00
9.61E+01	-9.30E+01	6.92E+01	-4.88E-03	-1.12E+00
9.62E+01	-9.30E+01	6.93E+01	-2.08E-02	-1.13E+00
9.62E+01	-9.30E+01	6.91E+01	-1.59E-02	-1.11E+00
9.62E+01	-9.30E+01	6.92E+01	-5.13E-02	-1.11E+00
9.62E+01	-9.30E+01	6.94E+01	2.44E-03	-1.11E+00
9.62E+01	-9.30E+01	6.94E+01	-4.88E-03	-1.10E+00
9.63E+01	-9.30E+01	6.94E+01	-3.17E-02	-1.09E+00
9.63E+01	-9.30E+01	6.92E+01	-4.39E-02	-1.10E+00
9.63E+01	-9.30E+01	6.89E+01	-2.69E-02	-1.11E+00
9.63E+01	-9.30E+01	6.92E+01	-3.17E-02	-1.10E+00
9.63E+01	-9.30E+01	6.91E+01	-3.66E-03	-1.11E+00
9.64E+01	-9.30E+01	6.92E+01	-9.77E-03	-1.10E+00
9.64E+01	-9.30E+01	6.89E+01	-7.32E-03	-1.11E+00
9.64E+01	-9.30E+01	6.91E+01	-1.10E-02	-1.10E+00
9.64E+01	-9.30E+01	6.94E+01	1.22E-02	-1.09E+00
9.64E+01	-9.30E+01	6.91E+01	-9.77E-03	-1.09E+00
9.65E+01	-9.30E+01	6.92E+01	-2.81E-02	-1.09E+00
9.65E+01	-9.30E+01	6.90E+01	-3.66E-02	-1.08E+00

9.65E+01	-9.30E+01	6.89E+01	-2.44E-02	-1.09E+00
9.65E+01	-9.30E+01	6.89E+01	-2.93E-02	-1.10E+00
9.65E+01	-9.30E+01	6.89E+01	-1.95E-02	-1.10E+00
9.66E+01	-9.30E+01	6.90E+01	2.08E-02	-1.09E+00
9.66E+01	-9.30E+01	6.89E+01	-2.44E-03	-1.08E+00
9.66E+01	-9.30E+01	6.88E+01	-1.22E-02	-1.07E+00
9.66E+01	-9.30E+01	6.91E+01	-2.44E-03	-1.07E+00
9.66E+01	-9.30E+01	6.89E+01	-1.95E-02	-1.08E+00
9.67E+01	-9.30E+01	6.91E+01	-3.30E-02	-1.08E+00
9.67E+01	-9.30E+01	6.88E+01	-2.44E-02	-1.08E+00
9.67E+01	-9.30E+01	6.86E+01	-2.20E-02	-1.08E+00
9.67E+01	-9.30E+01	6.88E+01	-4.88E-03	-1.07E+00
9.67E+01	-9.30E+01	6.91E+01	-4.88E-03	-1.05E+00
9.68E+01	-9.30E+01	6.90E+01	-1.71E-02	-1.06E+00
9.68E+01	-9.30E+01	6.89E+01	-3.42E-02	-1.06E+00
9.68E+01	-9.30E+01	6.90E+01	-2.69E-02	-1.07E+00
9.68E+01	-9.30E+01	6.87E+01	-2.44E-02	-1.08E+00
9.68E+01	-9.30E+01	6.84E+01	-3.17E-02	-1.07E+00
9.69E+01	-9.30E+01	6.85E+01	-2.44E-02	-1.06E+00
9.69E+01	-9.30E+01	6.86E+01	-6.10E-03	-1.07E+00
9.69E+01	-9.30E+01	6.87E+01	4.88E-03	-1.05E+00
9.69E+01	-9.30E+01	6.87E+01	-1.22E-02	-1.05E+00
9.69E+01	-9.30E+01	6.90E+01	-7.32E-03	-1.04E+00
9.70E+01	-9.30E+01	6.87E+01	-1.22E-02	-1.05E+00
9.70E+01	-9.30E+01	6.85E+01	-3.17E-02	-1.04E+00
9.70E+01	-9.30E+01	6.87E+01	-3.91E-02	-1.05E+00
9.70E+01	-9.30E+01	6.85E+01	-2.08E-02	-1.05E+00
9.70E+01	-9.30E+01	6.83E+01	8.54E-03	-1.05E+00
9.71E+01	-9.30E+01	6.85E+01	-1.10E-02	-1.04E+00
9.71E+01	-9.30E+01	6.85E+01	-4.88E-03	-1.04E+00
9.71E+01	-9.30E+01	6.84E+01	-7.32E-03	-1.03E+00
9.71E+01	-9.30E+01	6.85E+01	-2.44E-03	-1.03E+00
9.71E+01	-9.30E+01	6.85E+01	-2.69E-02	-1.03E+00
9.72E+01	-9.30E+01	6.84E+01	-2.93E-02	-1.03E+00
9.72E+01	-9.30E+01	6.83E+01	-2.93E-02	-1.03E+00
9.72E+01	-9.30E+01	6.83E+01	-1.95E-02	-1.04E+00
9.72E+01	-9.30E+01	6.81E+01	-9.77E-03	-1.04E+00
9.72E+01	-9.30E+01	6.80E+01	-1.71E-02	-1.04E+00
9.73E+01	-9.30E+01	6.84E+01	1.46E-02	-1.02E+00
9.73E+01	-9.30E+01	6.81E+01	-1.22E-03	-1.02E+00
9.73E+01	-9.30E+01	6.83E+01	-1.71E-02	-1.02E+00
9.73E+01	-9.30E+01	6.83E+01	-1.22E-02	-1.02E+00
9.73E+01	-9.30E+01	6.83E+01	-2.69E-02	-1.02E+00
9.74E+01	-9.30E+01	6.81E+01	-2.20E-02	-1.03E+00
9.74E+01	-9.30E+01	6.80E+01	-1.71E-02	-1.02E+00
9.74E+01	-9.30E+01	6.80E+01	2.44E-03	-1.01E+00
9.74E+01	-9.30E+01	6.81E+01	8.54E-03	-1.01E+00

9.74E+01	-9.30E+01	6.84E+01	-1.71E-02	-1.00E+00
9.75E+01	-9.30E+01	6.85E+01	-1.22E-02	-9.99E-01
9.75E+01	-9.30E+01	6.82E+01	-2.56E-02	-1.01E+00
9.75E+01	-9.30E+01	6.78E+01	-3.30E-02	-1.01E+00
9.75E+01	-9.30E+01	6.80E+01	-2.69E-02	-1.01E+00
9.75E+01	-9.30E+01	6.79E+01	0.00E+00	-1.01E+00
9.76E+01	-9.30E+01	6.80E+01	-4.88E-03	-1.00E+00
9.76E+01	-9.30E+01	6.81E+01	-4.88E-03	-9.92E-01
9.76E+01	-9.30E+01	6.80E+01	-1.34E-02	-9.88E-01
9.76E+01	-9.30E+01	6.79E+01	-4.15E-02	-9.93E-01
9.76E+01	-9.30E+01	6.77E+01	-2.44E-02	-9.96E-01
9.77E+01	-9.30E+01	6.77E+01	-1.95E-02	-1.00E+00
9.77E+01	-9.30E+01	6.78E+01	-2.69E-02	-9.98E-01
9.77E+01	-9.30E+01	6.77E+01	-4.88E-03	-9.84E-01
9.77E+01	-9.30E+01	6.77E+01	2.44E-03	-9.89E-01
9.77E+01	-9.30E+01	6.79E+01	-1.22E-02	-9.77E-01
9.78E+01	-9.30E+01	6.80E+01	-1.83E-02	-9.76E-01
9.78E+01	-9.30E+01	6.79E+01	-2.08E-02	-9.75E-01
9.78E+01	-9.30E+01	6.75E+01	-2.81E-02	-9.77E-01
9.78E+01	-9.30E+01	6.77E+01	-4.15E-02	-9.83E-01
9.78E+01	-9.30E+01	6.76E+01	-7.32E-03	-9.82E-01
9.79E+01	-9.30E+01	6.76E+01	2.44E-03	-9.82E-01
9.79E+01	-9.30E+01	6.74E+01	-1.71E-02	-9.79E-01
9.79E+01	-9.30E+01	6.75E+01	-1.10E-02	-9.61E-01
9.79E+01	-9.30E+01	6.77E+01	-6.10E-03	-9.65E-01
9.79E+01	-9.30E+01	6.76E+01	-2.93E-02	-9.68E-01
9.80E+01	-9.30E+01	6.75E+01	-4.39E-02	-9.62E-01
9.80E+01	-9.30E+01	6.75E+01	-2.44E-02	-9.62E-01
9.80E+01	-9.30E+01	6.74E+01	-2.93E-02	-9.69E-01
9.80E+01	-9.30E+01	6.75E+01	-3.66E-02	-9.71E-01
9.80E+01	-9.30E+01	6.70E+01	-1.59E-02	-9.66E-01
9.81E+01	-9.30E+01	6.72E+01	4.88E-03	-9.61E-01
9.81E+01	-9.30E+01	6.75E+01	-9.77E-03	-9.58E-01
9.81E+01	-9.30E+01	6.77E+01	-1.22E-03	-9.45E-01
9.81E+01	-9.30E+01	6.74E+01	-2.44E-03	-9.45E-01
9.81E+01	-9.30E+01	6.73E+01	-1.10E-02	-9.43E-01
9.82E+01	-9.30E+01	6.75E+01	-3.05E-02	-9.44E-01
9.82E+01	-9.30E+01	6.76E+01	-3.30E-02	-9.45E-01
9.82E+01	-9.30E+01	6.72E+01	-3.17E-02	-9.54E-01
9.82E+01	-9.30E+01	6.70E+01	-1.71E-02	-9.51E-01
9.82E+01	-9.30E+01	6.72E+01	-2.08E-02	-9.45E-01
9.83E+01	-9.30E+01	6.72E+01	-6.10E-03	-9.43E-01
9.83E+01	-9.30E+01	6.72E+01	-7.32E-03	-9.32E-01
9.83E+01	-9.30E+01	6.72E+01	-1.46E-02	-9.29E-01
9.83E+01	-9.30E+01	6.73E+01	-1.83E-02	-9.31E-01
9.83E+01	-9.30E+01	6.72E+01	-2.69E-02	-9.39E-01
9.84E+01	-9.30E+01	6.72E+01	-3.91E-02	-9.29E-01

9.84E+01	-9.30E+01	6.69E+01	-1.22E-02	-9.35E-01
9.84E+01	-9.30E+01	6.69E+01	-1.71E-02	-9.39E-01
9.84E+01	-9.30E+01	6.69E+01	-9.77E-03	-9.23E-01
9.84E+01	-9.30E+01	6.67E+01	-2.69E-02	-9.25E-01
9.85E+01	-9.30E+01	6.66E+01	-1.71E-02	-9.21E-01
9.85E+01	-9.30E+01	6.68E+01	-2.69E-02	-9.17E-01
9.85E+01	-9.30E+01	6.72E+01	-3.42E-02	-9.14E-01
9.85E+01	-9.30E+01	6.71E+01	-3.91E-02	-9.27E-01
9.85E+01	-9.30E+01	6.64E+01	-1.46E-02	-9.25E-01
9.86E+01	-9.30E+01	6.68E+01	-1.46E-02	-9.28E-01
9.86E+01	-9.30E+01	6.72E+01	1.95E-02	-9.14E-01
9.86E+01	-9.30E+01	6.72E+01	-2.69E-02	-9.06E-01
9.86E+01	-9.30E+01	6.69E+01	-1.95E-02	-8.99E-01
9.86E+01	-9.30E+01	6.68E+01	-3.66E-02	-9.09E-01
9.87E+01	-9.30E+01	6.69E+01	2.44E-03	-9.07E-01
9.87E+01	-9.30E+01	6.67E+01	-1.22E-03	-9.15E-01
9.87E+01	-9.30E+01	6.69E+01	7.32E-03	-9.04E-01
9.87E+01	-9.30E+01	6.67E+01	2.44E-03	-9.14E-01
9.87E+01	-9.30E+01	6.72E+01	-3.17E-02	-8.92E-01
9.88E+01	-9.30E+01	6.71E+01	-1.46E-02	-8.98E-01
9.88E+01	-9.30E+01	6.69E+01	-2.56E-02	-9.03E-01
9.88E+01	-9.30E+01	6.69E+01	-5.86E-02	-9.06E-01
9.88E+01	-9.30E+01	6.64E+01	-2.44E-03	-9.01E-01
9.88E+01	-9.30E+01	6.68E+01	-1.46E-02	-9.02E-01
9.89E+01	-9.30E+01	6.70E+01	-1.95E-02	-8.98E-01
9.89E+01	-9.30E+01	6.69E+01	1.46E-02	-8.87E-01
9.89E+01	-9.30E+01	6.66E+01	-7.32E-03	-8.87E-01
9.89E+01	-9.30E+01	6.70E+01	-3.17E-02	-8.87E-01
9.89E+01	-9.30E+01	6.70E+01	-3.17E-02	-8.90E-01
9.90E+01	-9.30E+01	6.66E+01	-1.95E-02	-8.91E-01
9.90E+01	-9.30E+01	6.66E+01	-2.93E-02	-8.89E-01
9.90E+01	-9.30E+01	6.66E+01	-1.46E-02	-8.83E-01
9.90E+01	-9.30E+01	6.67E+01	0.00E+00	-8.82E-01
9.90E+01	-9.30E+01	6.68E+01	-2.44E-03	-8.72E-01
9.91E+01	-9.30E+01	6.70E+01	-2.44E-03	-8.64E-01
9.91E+01	-9.30E+01	6.68E+01	-1.46E-02	-8.65E-01
9.91E+01	-9.30E+01	6.68E+01	-1.59E-02	-8.69E-01
9.91E+01	-9.30E+01	6.70E+01	-3.78E-02	-8.71E-01
9.91E+01	-9.30E+01	6.67E+01	-3.66E-02	-8.71E-01
9.92E+01	-9.30E+01	6.65E+01	-2.93E-02	-8.77E-01
9.92E+01	-9.30E+01	6.64E+01	-2.69E-02	-8.79E-01
9.92E+01	-9.30E+01	6.69E+01	-3.54E-02	-8.71E-01
9.92E+01	-9.30E+01	6.69E+01	-9.77E-03	-8.65E-01
9.92E+01	-9.30E+01	6.63E+01	2.44E-03	-8.66E-01
9.93E+01	-9.30E+01	6.67E+01	-9.77E-03	-8.62E-01
9.93E+01	-9.30E+01	6.70E+01	-1.34E-02	-8.53E-01
9.93E+01	-9.30E+01	6.70E+01	-2.44E-03	-8.48E-01

9.93E+01	-9.30E+01	6.70E+01	-2.20E-02	-8.47E-01
9.93E+01	-9.30E+01	6.68E+01	-3.91E-02	-8.45E-01
9.94E+01	-9.30E+01	6.69E+01	-2.44E-02	-8.49E-01
9.94E+01	-9.30E+01	6.67E+01	-2.81E-02	-8.59E-01
9.94E+01	-9.30E+01	6.65E+01	-2.93E-02	-8.51E-01
9.94E+01	-9.30E+01	6.67E+01	-2.20E-02	-8.48E-01
9.94E+01	-9.30E+01	6.67E+01	-8.54E-03	-8.48E-01
9.95E+01	-9.30E+01	6.68E+01	-2.44E-03	-8.41E-01
9.95E+01	-9.30E+01	6.69E+01	-1.71E-02	-8.32E-01
9.95E+01	-9.30E+01	6.70E+01	-1.71E-02	-8.30E-01
9.95E+01	-9.30E+01	6.68E+01	-2.56E-02	-8.33E-01
9.95E+01	-9.30E+01	6.68E+01	-3.66E-02	-8.33E-01
9.96E+01	-9.30E+01	6.66E+01	-2.32E-02	-8.43E-01
9.96E+01	-9.30E+01	6.64E+01	-1.22E-02	-8.40E-01
9.96E+01	-9.30E+01	6.66E+01	-7.32E-03	-8.27E-01
9.96E+01	-9.30E+01	6.66E+01	-1.22E-02	-8.25E-01
9.96E+01	-9.30E+01	6.68E+01	-1.22E-03	-8.23E-01
9.97E+01	-9.30E+01	6.68E+01	-2.20E-02	-8.18E-01
9.97E+01	-9.30E+01	6.72E+01	-2.44E-02	-8.18E-01
9.97E+01	-9.30E+01	6.68E+01	-3.66E-02	-8.24E-01
9.97E+01	-9.30E+01	6.66E+01	-3.17E-02	-8.28E-01
9.97E+01	-9.30E+01	6.65E+01	-1.71E-02	-8.22E-01
9.98E+01	-9.30E+01	6.68E+01	0.00E+00	-8.20E-01
9.98E+01	-9.30E+01	6.67E+01	-2.44E-03	-8.14E-01
9.98E+01	-9.30E+01	6.69E+01	-7.32E-03	-8.09E-01
9.98E+01	-9.30E+01	6.70E+01	-8.54E-03	-8.14E-01
9.98E+01	-9.30E+01	6.71E+01	-3.17E-02	-8.06E-01
9.99E+01	-9.30E+01	6.69E+01	-4.52E-02	-8.08E-01
9.99E+01	-9.30E+01	6.68E+01	-3.42E-02	-7.96E-01
9.99E+01	-9.30E+01	6.65E+01	-4.88E-03	-8.02E-01
9.99E+01	-9.30E+01	6.68E+01	-1.95E-02	-8.13E-01
9.99E+01	-9.30E+01	6.70E+01	-1.46E-02	-8.01E-01
1.00E+02	-9.30E+01	6.69E+01	1.22E-03	-7.93E-01
1.00E+02	-9.30E+01	6.67E+01	-3.17E-02	-8.00E-01
1.00E+02	-9.30E+01	6.68E+01	-2.20E-02	-7.86E-01
1.00E+02	-9.30E+01	6.73E+01	-1.95E-02	-7.89E-01
1.00E+02	-9.30E+01	6.68E+01	-3.54E-02	-7.98E-01
1.00E+02	-9.30E+01	6.68E+01	-2.93E-02	-7.93E-01
1.00E+02	-9.30E+01	6.68E+01	-2.69E-02	-8.01E-01
1.00E+02	-9.30E+01	6.66E+01	-4.88E-03	-7.94E-01
1.00E+02	-9.30E+01	6.67E+01	-1.71E-02	-7.93E-01
1.00E+02	-9.30E+01	6.67E+01	-3.66E-03	-7.81E-01
1.00E+02	-9.30E+01	6.69E+01	-9.77E-03	-7.82E-01
1.00E+02	-9.30E+01	6.70E+01	-3.30E-02	-7.75E-01
1.00E+02	-9.30E+01	6.68E+01	-2.56E-02	-7.83E-01
1.00E+02	-9.30E+01	6.68E+01	-1.95E-02	-7.88E-01
1.00E+02	-9.30E+01	6.67E+01	-2.44E-02	-7.77E-01

1.00E+02	-9.30E+01	6.70E+01	2.44E-03	-7.71E-01
1.00E+02	-9.30E+01	6.70E+01	-2.44E-03	-7.64E-01
1.00E+02	-9.30E+01	6.69E+01	-2.69E-02	-7.56E-01
1.00E+02	-9.30E+01	6.72E+01	-1.22E-02	-7.63E-01
1.00E+02	-9.30E+01	6.71E+01	-2.81E-02	-7.74E-01
1.00E+02	-9.30E+01	6.70E+01	-2.93E-02	-7.67E-01
1.00E+02	-9.30E+01	6.68E+01	2.44E-03	-7.64E-01
1.00E+02	-9.30E+01	6.70E+01	-2.44E-03	-7.64E-01
1.00E+02	-9.30E+01	6.69E+01	-9.77E-03	-7.59E-01
1.00E+02	-9.30E+01	6.73E+01	-2.44E-03	-7.58E-01
1.00E+02	-9.30E+01	6.72E+01	-5.25E-02	-7.54E-01
1.00E+02	-9.30E+01	6.69E+01	-1.71E-02	-7.57E-01
1.01E+02	-9.30E+01	6.68E+01	-2.93E-02	-7.70E-01
1.01E+02	-9.30E+01	6.69E+01	-3.66E-02	-7.70E-01
1.01E+02	-9.30E+01	6.67E+01	0.00E+00	-7.55E-01
1.01E+02	-9.30E+01	6.68E+01	-7.32E-03	-7.46E-01
1.01E+02	-9.30E+01	6.74E+01	-6.10E-03	-7.52E-01
1.01E+02	-9.30E+01	6.73E+01	-2.20E-02	-7.44E-01
1.01E+02	-9.30E+01	6.70E+01	-2.93E-02	-7.42E-01
1.01E+02	-9.30E+01	6.70E+01	-2.08E-02	-7.58E-01
1.01E+02	-9.30E+01	6.70E+01	-1.46E-02	-7.49E-01
1.01E+02	-9.30E+01	6.70E+01	-1.71E-02	-7.40E-01
1.01E+02	-9.30E+01	6.70E+01	2.44E-03	-7.43E-01
1.01E+02	-9.30E+01	6.69E+01	-1.95E-02	-7.32E-01
1.01E+02	-9.30E+01	6.72E+01	-1.95E-02	-7.28E-01
1.01E+02	-9.30E+01	6.72E+01	-2.44E-02	-7.32E-01
1.01E+02	-9.30E+01	6.68E+01	-3.30E-02	-7.44E-01
1.01E+02	-9.30E+01	6.66E+01	-3.66E-02	-7.37E-01
1.01E+02	-9.30E+01	6.67E+01	3.66E-03	-7.29E-01
1.01E+02	-9.30E+01	6.70E+01	-4.88E-03	-7.26E-01
1.01E+02	-9.30E+01	6.70E+01	-2.08E-02	-7.11E-01
1.01E+02	-9.30E+01	6.70E+01	-1.59E-02	-7.19E-01
1.01E+02	-9.30E+01	6.68E+01	-2.69E-02	-7.27E-01
1.01E+02	-9.30E+01	6.70E+01	-3.42E-02	-7.16E-01
1.01E+02	-9.30E+01	6.69E+01	-3.66E-02	-7.27E-01
1.01E+02	-9.30E+01	6.70E+01	-9.77E-03	-7.22E-01
1.01E+02	-9.30E+01	6.69E+01	-8.54E-03	-7.29E-01
1.01E+02	-9.30E+01	6.68E+01	-1.46E-02	-7.02E-01
1.01E+02	-9.30E+01	6.65E+01	0.00E+00	-7.08E-01
1.01E+02	-9.30E+01	6.70E+01	-9.77E-03	-7.06E-01
1.01E+02	-9.30E+01	6.70E+01	-2.69E-02	-7.01E-01
1.01E+02	-9.30E+01	6.69E+01	-3.42E-02	-7.13E-01
1.01E+02	-9.30E+01	6.67E+01	-2.81E-02	-7.14E-01
1.01E+02	-9.30E+01	6.65E+01	-2.81E-02	-7.08E-01
1.01E+02	-9.30E+01	6.67E+01	-1.22E-02	-7.03E-01
1.01E+02	-9.30E+01	6.64E+01	-1.22E-03	-7.05E-01
1.01E+02	-9.30E+01	6.67E+01	-1.10E-02	-7.02E-01

1.01E+02	-9.30E+01	6.69E+01	-8.54E-03	-6.85E-01
1.01E+02	-9.30E+01	6.69E+01	-1.10E-02	-6.86E-01
1.01E+02	-9.30E+01	6.69E+01	-3.42E-02	-6.93E-01
1.01E+02	-9.30E+01	6.67E+01	-2.93E-02	-7.00E-01
1.01E+02	-9.30E+01	6.65E+01	-1.95E-02	-6.98E-01
1.01E+02	-9.30E+01	6.63E+01	-1.59E-02	-6.95E-01
1.01E+02	-9.30E+01	6.64E+01	-1.59E-02	-6.72E-01
1.01E+02	-9.30E+01	6.63E+01	1.71E-02	-6.87E-01
1.01E+02	-9.30E+01	6.66E+01	-1.59E-02	-6.80E-01
1.01E+02	-9.30E+01	6.66E+01	-1.71E-02	-6.72E-01
1.01E+02	-9.30E+01	6.65E+01	-1.83E-02	-6.85E-01
1.01E+02	-9.30E+01	6.64E+01	-1.22E-02	-6.75E-01
1.01E+02	-9.30E+01	6.66E+01	-3.91E-02	-6.83E-01
1.01E+02	-9.30E+01	6.64E+01	-1.22E-02	-6.72E-01
1.01E+02	-9.30E+01	6.63E+01	2.44E-03	-6.71E-01
1.02E+02	-9.30E+01	6.64E+01	-7.32E-03	-6.67E-01
1.02E+02	-9.30E+01	6.64E+01	-1.10E-02	-6.58E-01
1.02E+02	-9.30E+01	6.64E+01	-9.77E-03	-6.68E-01
1.02E+02	-9.30E+01	6.66E+01	-3.91E-02	-6.65E-01
1.02E+02	-9.30E+01	6.63E+01	-3.17E-02	-6.68E-01
1.02E+02	-9.30E+01	6.60E+01	-1.46E-02	-6.76E-01
1.02E+02	-9.30E+01	6.58E+01	-2.44E-02	-6.72E-01
1.02E+02	-9.30E+01	6.59E+01	-4.88E-03	-6.60E-01
1.02E+02	-9.30E+01	6.61E+01	2.44E-03	-6.46E-01
1.02E+02	-9.30E+01	6.63E+01	7.32E-03	-6.50E-01
1.02E+02	-9.30E+01	6.64E+01	-3.17E-02	-6.47E-01
1.02E+02	-9.30E+01	6.61E+01	-1.71E-02	-6.58E-01
1.02E+02	-9.30E+01	6.59E+01	-2.20E-02	-6.74E-01
1.02E+02	-9.30E+01	6.57E+01	-4.88E-02	-6.61E-01
1.02E+02	-9.30E+01	6.56E+01	-2.44E-02	-6.53E-01
1.02E+02	-9.30E+01	6.55E+01	3.66E-03	-6.48E-01
1.02E+02	-9.30E+01	6.62E+01	-7.32E-03	-6.39E-01
1.02E+02	-9.30E+01	6.62E+01	-1.71E-02	-6.35E-01
1.02E+02	-9.30E+01	6.56E+01	-2.08E-02	-6.32E-01
1.02E+02	-9.30E+01	6.55E+01	-4.15E-02	-6.39E-01
1.02E+02	-9.30E+01	6.59E+01	-2.93E-02	-6.43E-01
1.02E+02	-9.30E+01	6.58E+01	-1.95E-02	-6.47E-01
1.02E+02	-9.30E+01	6.54E+01	-2.32E-02	-6.50E-01
1.02E+02	-9.30E+01	6.48E+01	-2.69E-02	-6.40E-01
1.02E+02	-9.30E+01	6.50E+01	-7.32E-03	-6.35E-01
1.02E+02	-9.30E+01	6.54E+01	4.88E-03	-6.27E-01
1.02E+02	-9.30E+01	6.59E+01	9.77E-03	-6.23E-01
1.02E+02	-9.30E+01	6.56E+01	-1.22E-02	-6.17E-01
1.02E+02	-9.30E+01	6.56E+01	-9.77E-03	-6.19E-01
1.02E+02	-9.30E+01	6.57E+01	-2.20E-02	-6.31E-01
1.02E+02	-9.30E+01	6.59E+01	-2.69E-02	-6.11E-01
1.02E+02	-9.30E+01	6.52E+01	-3.78E-02	-6.24E-01

1.02E+02	-9.30E+01	6.52E+01	-2.20E-02	-6.24E-01
1.02E+02	-9.30E+01	6.50E+01	-1.95E-02	-6.19E-01
1.02E+02	-9.30E+01	6.54E+01	-2.44E-03	-6.11E-01
1.02E+02	-9.30E+01	6.56E+01	2.44E-03	-6.14E-01
1.02E+02	-9.30E+01	6.56E+01	-6.10E-03	-6.04E-01
1.02E+02	-9.30E+01	6.56E+01	-1.95E-02	-6.02E-01
1.02E+02	-9.30E+01	6.51E+01	-2.81E-02	-6.11E-01
1.02E+02	-9.30E+01	6.51E+01	-2.56E-02	-6.13E-01
1.02E+02	-9.30E+01	6.51E+01	-1.59E-02	-6.06E-01
1.02E+02	-9.30E+01	6.50E+01	1.22E-02	-6.02E-01
1.02E+02	-9.30E+01	6.52E+01	-6.10E-03	-6.02E-01
1.02E+02	-9.30E+01	6.54E+01	-4.88E-03	-5.85E-01
1.02E+02	-9.30E+01	6.56E+01	-6.10E-03	-5.89E-01
1.02E+02	-9.30E+01	6.54E+01	-1.22E-02	-5.91E-01
1.02E+02	-9.30E+01	6.50E+01	-3.66E-02	-5.81E-01
1.02E+02	-9.30E+01	6.53E+01	-2.44E-02	-5.86E-01
1.02E+02	-9.30E+01	6.54E+01	-2.44E-02	-5.90E-01
1.02E+02	-9.30E+01	6.51E+01	-2.69E-02	-5.86E-01
1.03E+02	-9.30E+01	6.46E+01	-6.23E-02	-5.96E-01
1.03E+02	-9.30E+01	6.47E+01	-2.44E-02	-5.91E-01
1.03E+02	-9.30E+01	6.49E+01	2.44E-03	-5.93E-01
1.03E+02	-9.30E+01	6.54E+01	-4.88E-03	-5.78E-01
1.03E+02	-9.30E+01	6.52E+01	-1.22E-02	-5.72E-01
1.03E+02	-9.30E+01	6.49E+01	-1.46E-02	-5.79E-01
1.03E+02	-9.30E+01	6.52E+01	-3.66E-02	-5.71E-01
1.03E+02	-9.30E+01	6.52E+01	-1.59E-02	-5.81E-01
1.03E+02	-9.30E+01	6.47E+01	-1.71E-02	-5.81E-01
1.03E+02	-9.30E+01	6.47E+01	-1.83E-02	-5.78E-01
1.03E+02	-9.30E+01	6.49E+01	-1.95E-02	-5.77E-01
1.03E+02	-9.30E+01	6.52E+01	1.22E-02	-5.70E-01
1.03E+02	-9.30E+01	6.50E+01	3.66E-03	-5.66E-01
1.03E+02	-9.30E+01	6.48E+01	-1.71E-02	-5.62E-01
1.03E+02	-9.30E+01	6.51E+01	-1.59E-02	-5.55E-01
1.03E+02	-9.30E+01	6.52E+01	-1.83E-02	-5.63E-01
1.03E+02	-9.30E+01	6.50E+01	-3.42E-02	-5.54E-01
1.03E+02	-9.30E+01	6.48E+01	-2.20E-02	-5.69E-01
1.03E+02	-9.30E+01	6.47E+01	-2.08E-02	-5.66E-01
1.03E+02	-9.30E+01	6.48E+01	-7.32E-03	-5.60E-01
1.03E+02	-9.30E+01	6.49E+01	0.00E+00	-5.46E-01
1.03E+02	-9.30E+01	6.49E+01	2.44E-03	-5.36E-01
1.03E+02	-9.30E+01	6.50E+01	-4.39E-02	-5.48E-01
1.03E+02	-9.30E+01	6.51E+01	-4.15E-02	-5.43E-01
1.03E+02	-9.30E+01	6.50E+01	-1.71E-02	-5.39E-01
1.03E+02	-9.30E+01	6.47E+01	-2.44E-02	-5.51E-01
1.03E+02	-9.30E+01	6.45E+01	-2.93E-02	-5.50E-01
1.03E+02	-9.30E+01	6.46E+01	-3.66E-02	-5.48E-01
1.03E+02	-9.30E+01	6.45E+01	-9.77E-03	-5.46E-01

1.03E+02	-9.30E+01	6.45E+01	-9.77E-03	-5.46E-01
1.03E+02	-9.30E+01	6.42E+01	-7.32E-03	-5.46E-01
1.03E+02	-9.30E+01	6.44E+01	1.22E-02	-5.29E-01
1.03E+02	-9.30E+01	6.45E+01	2.44E-03	-5.30E-01
1.03E+02	-9.30E+01	6.43E+01	-1.22E-02	-5.15E-01
1.03E+02	-9.30E+01	6.45E+01	-1.22E-02	-5.15E-01
1.03E+02	-9.30E+01	6.45E+01	-4.64E-02	-5.28E-01
1.03E+02	-9.30E+01	6.44E+01	-3.17E-02	-5.32E-01
1.03E+02	-9.30E+01	6.44E+01	-3.66E-02	-5.31E-01
1.03E+02	-9.30E+01	6.41E+01	-1.46E-02	-5.29E-01
1.03E+02	-9.30E+01	6.41E+01	-4.88E-03	-5.28E-01
1.03E+02	-9.30E+01	6.39E+01	-8.54E-03	-5.26E-01
1.03E+02	-9.30E+01	6.42E+01	-4.88E-03	-5.11E-01
1.03E+02	-9.30E+01	6.42E+01	-9.77E-03	-5.09E-01
1.03E+02	-9.30E+01	6.40E+01	-4.03E-02	-5.12E-01
1.03E+02	-9.30E+01	6.40E+01	-2.44E-02	-5.17E-01
1.03E+02	-9.30E+01	6.36E+01	-1.59E-02	-5.22E-01
1.03E+02	-9.30E+01	6.39E+01	-1.10E-02	-5.18E-01
1.03E+02	-9.30E+01	6.39E+01	-1.46E-02	-4.99E-01
1.03E+02	-9.30E+01	6.38E+01	1.10E-02	-5.14E-01
1.03E+02	-9.30E+01	6.42E+01	0.00E+00	-5.06E-01
1.04E+02	-9.30E+01	6.39E+01	-7.32E-03	-4.87E-01
1.04E+02	-9.30E+01	6.39E+01	-3.54E-02	-4.98E-01
1.04E+02	-9.30E+01	6.36E+01	-3.42E-02	-4.97E-01
1.04E+02	-9.30E+01	6.34E+01	-3.17E-02	-4.98E-01
1.04E+02	-9.30E+01	6.36E+01	-2.93E-02	-4.90E-01
1.04E+02	-9.30E+01	6.35E+01	-3.05E-02	-5.02E-01
1.04E+02	-9.30E+01	6.35E+01	-4.88E-03	-5.05E-01
1.04E+02	-9.30E+01	6.35E+01	-9.77E-03	-4.86E-01
1.04E+02	-9.30E+01	6.35E+01	-7.32E-03	-4.87E-01
1.04E+02	-9.30E+01	6.35E+01	-1.71E-02	-4.84E-01
1.04E+02	-9.30E+01	6.35E+01	-3.05E-02	-4.87E-01
1.04E+02	-9.30E+01	6.34E+01	-2.08E-02	-4.85E-01
1.04E+02	-9.30E+01	6.32E+01	-2.93E-02	-4.95E-01
1.04E+02	-9.30E+01	6.29E+01	-1.71E-02	-4.88E-01
1.04E+02	-9.30E+01	6.28E+01	-9.77E-03	-4.96E-01
1.04E+02	-9.30E+01	6.30E+01	-1.71E-02	-4.81E-01
1.04E+02	-9.30E+01	6.28E+01	6.10E-03	-4.71E-01
1.04E+02	-9.30E+01	6.33E+01	-1.10E-02	-4.67E-01
1.04E+02	-9.30E+01	6.29E+01	1.71E-02	-4.56E-01
1.04E+02	-9.30E+01	6.28E+01	-1.10E-02	-4.68E-01
1.04E+02	-9.30E+01	6.29E+01	-3.54E-02	-4.72E-01
1.04E+02	-9.30E+01	6.27E+01	-2.20E-02	-4.68E-01
1.04E+02	-9.30E+01	6.26E+01	-3.05E-02	-4.72E-01
1.04E+02	-9.30E+01	6.23E+01	-2.69E-02	-4.77E-01
1.04E+02	-9.30E+01	6.25E+01	-2.20E-02	-4.67E-01
1.04E+02	-9.30E+01	6.24E+01	1.10E-02	-4.62E-01

1.04E+02	-9.30E+01	6.23E+01	-9.77E-03	-4.57E-01
1.04E+02	-9.30E+01	6.23E+01	-2.08E-02	-4.44E-01
1.04E+02	-9.30E+01	6.24E+01	-1.95E-02	-4.57E-01
1.04E+02	-9.30E+01	6.25E+01	-4.39E-02	-4.62E-01
1.04E+02	-9.30E+01	6.19E+01	-2.93E-02	-4.58E-01
1.04E+02	-9.30E+01	6.18E+01	-1.95E-02	-4.48E-01
1.04E+02	-9.30E+01	6.18E+01	-2.69E-02	-4.60E-01
1.04E+02	-9.30E+01	6.19E+01	-2.69E-02	-4.46E-01
1.04E+02	-9.30E+01	6.23E+01	-2.44E-03	-4.34E-01
1.04E+02	-9.30E+01	6.19E+01	-2.93E-02	-4.40E-01
1.04E+02	-9.30E+01	6.17E+01	-2.93E-02	-4.39E-01
1.04E+02	-9.30E+01	6.18E+01	-2.69E-02	-4.48E-01
1.04E+02	-9.30E+01	6.18E+01	-2.20E-02	-4.50E-01
1.04E+02	-9.30E+01	6.14E+01	-2.32E-02	-4.45E-01
1.04E+02	-9.30E+01	6.14E+01	-1.22E-02	-4.37E-01
1.04E+02	-9.30E+01	6.16E+01	-2.44E-03	-4.24E-01
1.04E+02	-9.30E+01	6.14E+01	-2.08E-02	-4.29E-01
1.04E+02	-9.30E+01	6.19E+01	-1.83E-02	-4.22E-01
1.04E+02	-9.30E+01	6.14E+01	-2.44E-02	-4.48E-01
1.04E+02	-9.30E+01	6.13E+01	-2.44E-02	-4.31E-01
1.04E+02	-9.30E+01	6.14E+01	-1.95E-02	-4.30E-01
1.04E+02	-9.30E+01	6.10E+01	3.66E-03	-4.29E-01
1.04E+02	-9.30E+01	6.14E+01	-8.54E-03	-4.16E-01
1.04E+02	-9.30E+01	6.16E+01	-1.46E-02	-4.13E-01
1.05E+02	-9.30E+01	6.11E+01	-2.20E-02	-4.22E-01
1.05E+02	-9.30E+01	6.09E+01	-2.69E-02	-4.19E-01
1.05E+02	-9.30E+01	6.08E+01	-3.66E-02	-4.23E-01
1.05E+02	-9.30E+01	6.11E+01	0.00E+00	-4.19E-01
1.05E+02	-9.30E+01	6.11E+01	-1.46E-02	-4.10E-01
1.05E+02	-9.30E+01	6.10E+01	-2.44E-02	-4.07E-01
1.05E+02	-9.30E+01	6.07E+01	-1.46E-02	-4.01E-01
1.05E+02	-9.30E+01	6.12E+01	-3.78E-02	-4.09E-01
1.05E+02	-9.30E+01	6.10E+01	-3.91E-02	-4.13E-01
1.05E+02	-9.30E+01	6.07E+01	-1.95E-02	-4.14E-01
1.05E+02	-9.30E+01	6.05E+01	-4.88E-03	-4.03E-01
1.05E+02	-9.30E+01	6.12E+01	-8.54E-03	-3.97E-01
1.05E+02	-9.30E+01	6.11E+01	2.44E-03	-3.96E-01
1.05E+02	-9.30E+01	6.06E+01	-2.44E-02	-3.93E-01
1.05E+02	-9.30E+01	6.06E+01	-3.42E-02	-3.86E-01
1.05E+02	-9.30E+01	6.07E+01	-5.74E-02	-4.04E-01
1.05E+02	-9.30E+01	6.07E+01	-3.42E-02	-4.02E-01
1.05E+02	-9.30E+01	6.06E+01	-2.56E-02	-3.98E-01
1.05E+02	-9.30E+01	6.02E+01	-7.32E-03	-3.82E-01
1.05E+02	-9.30E+01	6.01E+01	-3.66E-03	-3.90E-01
1.05E+02	-9.30E+01	6.07E+01	-3.66E-03	-3.79E-01
1.05E+02	-9.30E+01	6.04E+01	-1.59E-02	-3.64E-01
1.05E+02	-9.30E+01	6.05E+01	-2.81E-02	-3.89E-01

1.05E+02	-9.30E+01	6.04E+01	-4.15E-02	-3.80E-01
1.05E+02	-9.30E+01	6.07E+01	-3.42E-02	-3.75E-01
1.05E+02	-9.30E+01	6.02E+01	-1.95E-02	-3.88E-01
1.05E+02	-9.30E+01	6.00E+01	-1.10E-02	-3.83E-01
1.05E+02	-9.30E+01	6.03E+01	-2.44E-03	-3.71E-01
1.05E+02	-9.30E+01	6.04E+01	2.44E-03	-3.66E-01
1.05E+02	-9.30E+01	6.04E+01	-4.88E-03	-3.63E-01
1.05E+02	-9.30E+01	6.01E+01	-2.44E-02	-3.61E-01
1.05E+02	-9.30E+01	6.01E+01	-2.08E-02	-3.78E-01
1.05E+02	-9.30E+01	6.02E+01	-4.88E-02	-3.70E-01
1.05E+02	-9.30E+01	5.98E+01	-4.15E-02	-3.68E-01
1.05E+02	-9.30E+01	6.01E+01	-2.56E-02	-3.61E-01
1.05E+02	-9.30E+01	5.96E+01	-1.95E-02	-3.66E-01
1.05E+02	-9.30E+01	5.98E+01	-1.95E-02	-3.67E-01
1.05E+02	-9.30E+01	6.00E+01	-9.77E-03	-3.59E-01
1.05E+02	-9.30E+01	5.97E+01	-2.44E-03	-3.56E-01
1.05E+02	-9.30E+01	5.96E+01	2.44E-03	-3.53E-01
1.05E+02	-9.30E+01	5.97E+01	-2.69E-02	-3.46E-01
1.05E+02	-9.30E+01	5.99E+01	-2.44E-02	-3.37E-01
1.05E+02	-9.30E+01	5.98E+01	-3.30E-02	-3.59E-01
1.05E+02	-9.30E+01	5.95E+01	-3.66E-02	-3.55E-01
1.05E+02	-9.30E+01	5.90E+01	-1.10E-02	-3.55E-01
1.05E+02	-9.30E+01	5.93E+01	9.77E-03	-3.37E-01
1.05E+02	-9.30E+01	5.93E+01	1.95E-02	-3.43E-01
1.05E+02	-9.30E+01	5.97E+01	-2.08E-02	-3.34E-01
1.05E+02	-9.30E+01	5.89E+01	-3.17E-02	-3.45E-01
1.05E+02	-9.30E+01	5.81E+01	-3.17E-02	-3.42E-01
1.06E+02	-9.30E+01	5.81E+01	-1.95E-02	-3.44E-01
1.06E+02	-9.30E+01	5.87E+01	-2.44E-03	-3.51E-01
1.06E+02	-9.30E+01	5.90E+01	1.22E-02	-3.27E-01
1.06E+02	-9.30E+01	5.84E+01	6.10E-03	-3.20E-01
1.06E+02	-9.30E+01	5.86E+01	-2.69E-02	-3.36E-01
1.06E+02	-9.30E+01	5.87E+01	-5.00E-02	-3.33E-01
1.06E+02	-9.30E+01	5.87E+01	-1.59E-02	-3.32E-01
1.06E+02	-9.30E+01	5.83E+01	-1.22E-02	-3.31E-01
1.06E+02	-9.30E+01	5.79E+01	-7.32E-03	-3.21E-01
1.06E+02	-9.30E+01	5.80E+01	-1.22E-02	-3.11E-01
1.06E+02	-9.30E+01	5.80E+01	-2.44E-02	-3.16E-01
1.06E+02	-9.30E+01	5.81E+01	-3.42E-02	-3.36E-01
1.06E+02	-9.30E+01	5.81E+01	-5.86E-02	-3.29E-01
1.06E+02	-9.30E+01	5.69E+01	-3.42E-02	-3.26E-01
1.06E+02	-9.30E+01	5.75E+01	-1.22E-02	-3.15E-01
1.06E+02	-9.30E+01	5.73E+01	-1.22E-02	-3.21E-01
1.06E+02	-9.30E+01	5.74E+01	2.93E-02	-3.11E-01
1.06E+02	-9.30E+01	5.73E+01	-9.77E-03	-3.00E-01
1.06E+02	-9.30E+01	5.71E+01	-2.56E-02	-3.02E-01
1.06E+02	-9.30E+01	5.70E+01	-2.93E-02	-3.15E-01

1.06E+02	-9.30E+01	5.73E+01	-1.22E-02	-3.07E-01
1.06E+02	-9.30E+01	5.68E+01	0.00E+00	-3.10E-01
1.06E+02	-9.30E+01	5.64E+01	2.20E-02	-2.94E-01
1.06E+02	-9.30E+01	5.71E+01	-1.22E-02	-2.89E-01
1.06E+02	-9.30E+01	5.68E+01	-1.59E-02	-2.86E-01
1.06E+02	-9.30E+01	5.66E+01	-2.20E-02	-2.94E-01
1.06E+02	-9.30E+01	5.61E+01	-1.22E-03	-2.93E-01
1.06E+02	-9.30E+01	5.64E+01	-3.17E-02	-2.94E-01
1.06E+02	-9.30E+01	5.63E+01	-1.46E-02	-2.91E-01
1.06E+02	-9.30E+01	5.60E+01	-9.77E-03	-2.96E-01
1.06E+02	-9.30E+01	5.56E+01	-7.32E-03	-2.91E-01
1.06E+02	-9.30E+01	5.59E+01	1.22E-03	-2.67E-01
1.06E+02	-9.30E+01	5.60E+01	-1.95E-02	-2.70E-01
1.06E+02	-9.30E+01	5.59E+01	-2.93E-02	-2.74E-01
1.06E+02	-9.30E+01	5.56E+01	-1.95E-02	-2.71E-01
1.06E+02	-9.30E+01	5.53E+01	-2.44E-02	-2.77E-01
1.06E+02	-9.30E+01	5.54E+01	-3.42E-02	-2.83E-01
1.06E+02	-9.30E+01	5.55E+01	-2.20E-02	-2.77E-01
1.06E+02	-9.30E+01	5.51E+01	0.00E+00	-2.77E-01
1.06E+02	-9.30E+01	5.50E+01	-8.54E-03	-2.68E-01
1.06E+02	-9.30E+01	5.53E+01	-9.77E-03	-2.60E-01
1.06E+02	-9.30E+01	5.56E+01	-1.46E-02	-2.60E-01
1.06E+02	-9.30E+01	5.49E+01	-1.46E-02	-2.59E-01
1.06E+02	-9.30E+01	5.46E+01	-3.66E-02	-2.65E-01
1.06E+02	-9.30E+01	5.44E+01	-2.20E-02	-2.65E-01
1.06E+02	-9.30E+01	5.48E+01	-2.93E-02	-2.64E-01
1.06E+02	-9.30E+01	5.46E+01	-9.77E-03	-2.59E-01
1.06E+02	-9.30E+01	5.43E+01	-2.69E-02	-2.56E-01
1.06E+02	-9.30E+01	5.44E+01	1.22E-03	-2.52E-01
1.06E+02	-9.30E+01	5.45E+01	-4.88E-03	-2.45E-01
1.07E+02	-9.30E+01	5.48E+01	-1.46E-02	-2.44E-01
1.07E+02	-9.30E+01	5.43E+01	-1.22E-02	-2.44E-01
1.07E+02	-9.30E+01	5.42E+01	-2.44E-03	-2.46E-01
1.07E+02	-9.30E+01	5.44E+01	-5.37E-02	-2.50E-01
1.07E+02	-9.30E+01	5.41E+01	-1.46E-02	-2.46E-01
1.07E+02	-9.30E+01	5.39E+01	0.00E+00	-2.37E-01
1.07E+02	-9.30E+01	5.38E+01	7.32E-03	-2.43E-01
1.07E+02	-9.30E+01	5.38E+01	-1.22E-02	-2.33E-01
1.07E+02	-9.30E+01	5.37E+01	-1.22E-02	-2.39E-01
1.07E+02	-9.30E+01	5.38E+01	-4.27E-02	-2.37E-01
1.07E+02	-9.30E+01	5.38E+01	-3.17E-02	-2.38E-01
1.07E+02	-9.30E+01	5.35E+01	-2.20E-02	-2.45E-01
1.07E+02	-9.30E+01	5.31E+01	-3.17E-02	-2.45E-01
1.07E+02	-9.30E+01	5.35E+01	-2.44E-03	-2.27E-01
1.07E+02	-9.30E+01	5.35E+01	-6.10E-03	-2.28E-01
1.07E+02	-9.30E+01	5.35E+01	-4.64E-02	-2.10E-01
1.07E+02	-9.30E+01	5.33E+01	-5.62E-02	-2.34E-01

1.07E+02	-9.30E+01	5.29E+01	-1.34E-02	-2.33E-01
1.07E+02	-9.30E+01	5.29E+01	-1.10E-02	-2.27E-01
1.07E+02	-9.30E+01	5.32E+01	-7.32E-03	-2.23E-01
1.07E+02	-9.30E+01	5.31E+01	-2.44E-03	-2.14E-01
1.07E+02	-9.30E+01	5.28E+01	-1.71E-02	-2.04E-01
1.07E+02	-9.30E+01	5.29E+01	-4.03E-02	-2.18E-01
1.07E+02	-9.30E+01	5.28E+01	-1.83E-02	-2.22E-01
1.07E+02	-9.30E+01	5.30E+01	-1.22E-02	-2.21E-01
1.07E+02	-9.30E+01	5.27E+01	1.22E-02	-1.90E-01
1.07E+02	-9.30E+01	5.25E+01	-1.95E-02	-2.03E-01
1.07E+02	-9.30E+01	5.26E+01	-1.46E-02	-1.95E-01
1.07E+02	-9.30E+01	5.31E+01	-2.20E-02	-2.03E-01
1.07E+02	-9.30E+01	5.29E+01	-2.44E-02	-2.12E-01
1.07E+02	-9.30E+01	5.27E+01	-3.17E-02	-2.09E-01
1.07E+02	-9.30E+01	5.22E+01	-1.71E-02	-2.10E-01
1.07E+02	-9.30E+01	5.25E+01	-1.71E-02	-2.06E-01
1.07E+02	-9.30E+01	5.25E+01	-2.93E-02	-1.93E-01
1.07E+02	-9.30E+01	5.28E+01	-7.32E-03	-1.80E-01
1.07E+02	-9.30E+01	5.23E+01	-2.44E-02	-1.90E-01
1.07E+02	-9.30E+01	5.23E+01	-4.15E-02	-1.90E-01
1.07E+02	-9.30E+01	5.26E+01	-3.30E-02	-1.89E-01
1.07E+02	-9.30E+01	5.23E+01	-2.69E-02	-1.99E-01
1.07E+02	-9.30E+01	5.18E+01	-2.69E-02	-1.93E-01
1.07E+02	-9.30E+01	5.21E+01	-1.22E-02	-1.88E-01
1.07E+02	-9.30E+01	5.25E+01	1.10E-02	-1.98E-01
1.07E+02	-9.30E+01	5.26E+01	2.08E-02	-1.87E-01
1.07E+02	-9.30E+01	5.24E+01	-3.78E-02	-1.70E-01
1.07E+02	-9.30E+01	5.23E+01	-2.20E-02	-1.70E-01
1.07E+02	-9.30E+01	5.22E+01	-1.95E-02	-1.82E-01
1.07E+02	-9.30E+01	5.22E+01	-2.20E-02	-1.81E-01
1.07E+02	-9.30E+01	5.19E+01	-2.44E-03	-1.80E-01
1.07E+02	-9.30E+01	5.22E+01	-4.88E-03	-1.74E-01
1.07E+02	-9.30E+01	5.25E+01	2.44E-03	-1.63E-01
1.08E+02	-9.30E+01	5.22E+01	-7.32E-03	-1.59E-01
1.08E+02	-9.30E+01	5.21E+01	-1.22E-02	-1.76E-01
1.08E+02	-9.30E+01	5.21E+01	4.88E-03	-1.49E-01
1.08E+02	-9.30E+01	5.28E+01	-5.86E-02	-1.60E-01
1.08E+02	-9.30E+01	5.22E+01	-2.69E-02	-1.72E-01
1.08E+02	-9.30E+01	5.19E+01	-2.08E-02	-1.65E-01
1.08E+02	-9.30E+01	5.20E+01	-1.71E-02	-1.63E-01
1.08E+02	-9.30E+01	5.22E+01	4.88E-03	-1.54E-01
1.08E+02	-9.30E+01	5.24E+01	-2.44E-02	-1.51E-01
1.08E+02	-9.30E+01	5.21E+01	-1.71E-02	-1.45E-01
1.08E+02	-9.30E+01	5.19E+01	-3.05E-02	-1.57E-01
1.08E+02	-9.30E+01	5.21E+01	-2.93E-02	-1.67E-01
1.08E+02	-9.30E+01	5.23E+01	-4.15E-02	-1.60E-01
1.08E+02	-9.30E+01	5.18E+01	-2.20E-02	-1.52E-01

1.08E+02	-9.30E+01	5.15E+01	-2.44E-03	-1.44E-01
1.08E+02	-9.30E+01	5.17E+01	-9.77E-03	-1.38E-01
1.08E+02	-9.30E+01	5.20E+01	-1.10E-02	-1.32E-01
1.08E+02	-9.30E+01	5.16E+01	-9.77E-03	-1.37E-01
1.08E+02	-9.30E+01	5.14E+01	-3.66E-02	-1.38E-01
1.08E+02	-9.30E+01	5.16E+01	-5.25E-02	-1.34E-01
1.08E+02	-9.30E+01	5.22E+01	-3.78E-02	-1.44E-01
1.08E+02	-9.30E+01	5.14E+01	-2.56E-02	-1.32E-01
1.08E+02	-9.30E+01	5.09E+01	-1.46E-02	-1.31E-01
1.08E+02	-9.30E+01	5.10E+01	-4.88E-03	-1.34E-01
1.08E+02	-9.30E+01	5.16E+01	0.00E+00	-1.31E-01
1.08E+02	-9.30E+01	5.16E+01	-2.20E-02	-1.28E-01
1.08E+02	-9.30E+01	5.09E+01	-8.54E-03	-1.15E-01
1.08E+02	-9.30E+01	5.08E+01	-1.83E-02	-1.18E-01
1.08E+02	-9.30E+01	5.12E+01	-4.52E-02	-1.13E-01
1.08E+02	-9.30E+01	5.15E+01	-1.71E-02	-1.09E-01
1.08E+02	-9.30E+01	5.05E+01	-2.20E-02	-1.29E-01
1.08E+02	-9.30E+01	5.05E+01	-2.08E-02	-1.25E-01
1.08E+02	-9.30E+01	5.10E+01	-2.44E-02	-1.21E-01
1.08E+02	-9.30E+01	5.10E+01	2.44E-03	-1.15E-01
1.08E+02	-9.30E+01	5.08E+01	0.00E+00	-1.13E-01
1.08E+02	-9.30E+01	5.07E+01	2.44E-03	-1.01E-01
1.08E+02	-9.30E+01	5.12E+01	-3.17E-02	-9.97E-02
1.08E+02	-9.30E+01	5.14E+01	-3.17E-02	-1.14E-01
1.08E+02	-9.30E+01	5.11E+01	-3.17E-02	-9.93E-02
1.08E+02	-9.30E+01	5.04E+01	0.00E+00	-1.01E-01
1.08E+02	-9.30E+01	5.07E+01	-9.77E-03	-1.09E-01
1.08E+02	-9.30E+01	5.11E+01	-1.71E-02	-1.04E-01
1.08E+02	-9.30E+01	5.11E+01	-2.08E-02	-1.01E-01
1.08E+02	-9.30E+01	5.07E+01	-6.10E-03	-9.25E-02
1.08E+02	-9.30E+01	5.09E+01	-2.44E-03	-1.01E-01
1.08E+02	-9.30E+01	5.14E+01	-4.88E-02	-9.33E-02
1.08E+02	-9.30E+01	5.11E+01	-4.88E-03	-8.57E-02
1.08E+02	-9.30E+01	5.11E+01	-3.17E-02	-9.08E-02
1.08E+02	-9.30E+01	5.08E+01	-2.56E-02	-7.98E-02
1.08E+02	-9.30E+01	5.11E+01	1.46E-02	-1.01E-01
1.09E+02	-9.30E+01	5.10E+01	-4.88E-03	-8.78E-02
1.09E+02	-9.30E+01	5.08E+01	-2.44E-03	-8.23E-02
1.09E+02	-9.30E+01	5.13E+01	-1.71E-02	-7.26E-02
1.09E+02	-9.30E+01	5.16E+01	-7.32E-03	-7.51E-02
1.09E+02	-9.30E+01	5.13E+01	-3.54E-02	-8.40E-02
1.09E+02	-9.30E+01	5.13E+01	-2.32E-02	-7.89E-02
1.09E+02	-9.30E+01	5.13E+01	-2.20E-02	-8.10E-02
1.09E+02	-9.30E+01	5.13E+01	-8.54E-03	-8.15E-02
1.09E+02	-9.30E+01	5.13E+01	0.00E+00	-5.18E-02
1.09E+02	-9.30E+01	5.12E+01	-2.44E-03	-6.20E-02
1.09E+02	-9.30E+01	5.15E+01	-1.10E-02	-6.11E-02

1.09E+02	-9.30E+01	5.18E+01	-3.78E-02	-6.45E-02
1.09E+02	-9.30E+01	5.20E+01	-1.46E-02	-6.20E-02
1.09E+02	-9.30E+01	5.08E+01	-2.69E-02	-7.38E-02
1.09E+02	-9.30E+01	5.09E+01	-2.56E-02	-7.21E-02
1.09E+02	-9.30E+01	5.14E+01	1.22E-02	-6.79E-02
1.09E+02	-9.30E+01	4.87E+01	-1.59E-02	-5.52E-02
1.09E+02	-9.30E+01	3.94E+01	-9.77E-03	-4.71E-02
1.09E+02	-9.30E+01	2.99E+01	-2.69E-02	-4.67E-02
1.09E+02	-9.30E+01	2.03E+01	-2.56E-02	-4.75E-02
1.09E+02	-9.30E+01	1.13E+01	-3.17E-02	-4.67E-02
1.09E+02	-9.30E+01	4.45E+00	-3.54E-02	-5.94E-02
1.09E+02	-9.30E+01	2.52E+00	0.00E+00	-4.63E-02
1.09E+02	-9.30E+01	2.04E+00	1.10E-02	-4.75E-02
1.09E+02	-9.30E+01	2.89E+00	-2.44E-03	-3.78E-02
1.09E+02	-9.30E+01	2.71E+00	-4.88E-03	-4.41E-02
1.09E+02	-9.30E+01	2.71E+00	-1.95E-02	-4.24E-02
1.09E+02	-9.30E+01	2.62E+00	-3.78E-02	-4.07E-02
1.09E+02	-9.30E+01	2.57E+00	-2.69E-02	-5.35E-02
1.09E+02	-9.30E+01	2.22E+00	-3.42E-02	-5.69E-02
1.09E+02	-9.30E+01	2.77E+00	-1.22E-02	-4.88E-02
1.09E+02	-9.30E+01	2.62E+00	1.10E-02	-4.75E-02
1.09E+02	-9.30E+01	2.37E+00	7.32E-03	-4.33E-02
1.09E+02	-9.30E+01	2.72E+00	-1.46E-02	-3.90E-02
1.09E+02	-9.30E+01	2.75E+00	-1.46E-02	-3.74E-02
1.09E+02	-9.30E+01	2.04E+00	-2.69E-02	-4.84E-02
1.09E+02	-9.30E+01	2.13E+00	-3.54E-02	-4.88E-02
1.09E+02	-9.30E+01	2.07E+00	-2.93E-02	-3.69E-02
1.09E+02	-9.30E+01	1.76E+00	7.32E-03	-5.01E-02
1.09E+02	-9.30E+01	1.97E+00	-2.08E-02	-4.92E-02
1.09E+02	-9.30E+01	2.00E+00	-7.32E-03	-3.57E-02
1.09E+02	-9.30E+01	1.97E+00	9.77E-03	-4.16E-02
1.09E+02	-9.30E+01	2.10E+00	-1.71E-02	-4.16E-02
1.09E+02	-9.30E+01	1.64E+00	-3.42E-02	-4.24E-02
1.09E+02	-9.30E+01	6.59E-01	-2.32E-02	-4.75E-02
1.09E+02	-9.30E+01	-2.12E-01	-4.27E-02	-5.26E-02
1.09E+02	-9.30E+01	-5.79E-01	9.77E-03	-4.24E-02

Current File	O:\Projects\914220~1\Data\UNITED~1\Ody1058.csv
Original File	C:\Data\9142OdysseyLiftGate\Ody1058.dx3
File descrip	9142 Honda Odyssey LiftGate liftgate - Esser
Project ID:	Project ID
File ID:	File ID
Test Date:	########
Test Time:	23:03.0
Current Da	########
Current Tin	8:53:37
Number of	4
Number of	5600
Independe	0.02
Independe	0
Independe	Sec

Time	Angle	Force	LiftgateMo	StrutCalDisplacement
Sec	Degrees	lbs	volts	inches
0.00E+00	-9.30E+01	-1.28E-01	-2.20E-02	-1.00E-02
2.00E-02	-9.30E+01	-5.14E-02	-1.46E-02	-4.10E-03
4.00E-02	-9.30E+01	-2.20E-01	1.22E-03	-1.26E-02
6.00E-02	-9.30E+01	-3.72E-01	-1.46E-02	-1.68E-02
8.00E-02	-9.30E+01	-2.96E-01	-3.91E-02	-1.77E-02
1.00E-01	-9.30E+01	-2.65E-01	-1.10E-02	-4.10E-03
1.20E-01	-9.30E+01	-9.72E-02	-1.22E-02	1.44E-04
1.40E-01	-9.30E+01	-2.08E-02	0.00E+00	-6.64E-03
1.60E-01	-9.30E+01	-1.74E-01	-4.88E-03	-1.51E-02
1.80E-01	-9.30E+01	-2.65E-01	-2.56E-02	-1.09E-02
2.00E-01	-9.30E+01	-1.89E-01	-2.44E-02	-7.49E-03
2.20E-01	-9.30E+01	-6.67E-02	-2.44E-02	6.08E-03
2.40E-01	-9.30E+01	-1.28E-01	-1.46E-02	-7.49E-03
2.60E-01	-9.30E+01	-2.04E-01	-1.71E-02	-1.26E-02
2.80E-01	-9.30E+01	-1.13E-01	-4.88E-03	-9.19E-03
3.00E-01	-9.30E+01	-2.96E-01	-2.44E-02	-1.30E-02
3.20E-01	-9.30E+01	-8.20E-02	-7.32E-03	1.44E-04
3.40E-01	-9.30E+01	9.79E-03	-1.46E-02	-6.64E-03
3.60E-01	-9.30E+01	-3.61E-02	-7.32E-03	-3.25E-03
3.80E-01	-9.30E+01	-3.57E-01	-1.71E-02	-1.00E-02
4.00E-01	-9.30E+01	-1.58E-01	-1.83E-02	-1.34E-02
4.20E-01	-9.30E+01	-1.13E-01	-9.77E-03	-7.49E-03
4.40E-01	-9.30E+01	-2.20E-01	4.88E-03	-6.64E-03
4.60E-01	-9.30E+01	-6.67E-02	-3.66E-03	-1.17E-02
4.80E-01	-9.30E+01	4.04E-02	-1.71E-02	-4.52E-03
5.00E-01	-9.30E+01	-1.13E-01	-6.10E-03	1.16E-02
5.20E-01	-9.30E+01	-1.43E-01	-1.46E-02	-5.37E-03
5.40E-01	-9.30E+01	-1.43E-01	-1.22E-03	-3.25E-03
5.60E-01	-9.30E+01	-2.20E-01	0.00E+00	-1.26E-02
5.80E-01	-9.30E+01	-1.13E-01	-2.44E-03	-4.95E-03
6.00E-01	-9.30E+01	4.04E-02	-2.44E-03	9.93E-04

6.20E-01	-9.30E+01	2.51E-02	9.77E-03	5.69E-04
6.40E-01	-9.30E+01	-2.08E-02	7.32E-03	-3.67E-03
6.60E-01	-9.30E+01	-9.72E-02	-2.69E-02	-7.49E-03
6.80E-01	-9.30E+01	-8.20E-02	-9.77E-03	-7.04E-04
7.00E-01	-9.30E+01	1.78E-01	-3.66E-03	6.08E-03
7.20E-01	-9.30E+01	1.02E-01	-1.10E-02	1.12E-02
7.40E-01	-9.30E+01	-6.67E-02	0.00E+00	-4.10E-03
7.60E-01	-9.30E+01	8.62E-02	-9.77E-03	2.69E-03
7.80E-01	-9.30E+01	2.09E-01	-6.10E-03	9.05E-03
8.00E-01	-9.30E+01	2.09E-01	-1.46E-02	7.78E-03
8.20E-01	-9.30E+01	-2.20E-01	-9.77E-03	4.39E-03
8.40E-01	-9.30E+01	1.47E-01	-3.17E-02	-1.13E-03
8.60E-01	-9.30E+01	1.63E-01	-1.22E-02	1.03E-02
8.80E-01	-9.30E+01	-2.08E-02	-2.32E-02	6.08E-03
9.00E-01	-9.30E+01	1.93E-01	-1.46E-02	-5.79E-03
9.20E-01	-9.30E+01	1.32E-01	-1.95E-02	1.42E-03
9.40E-01	-9.30E+01	4.04E-02	-3.17E-02	9.93E-04
9.60E-01	-9.30E+01	2.85E-01	-1.83E-02	6.08E-03
9.80E-01	-9.30E+01	9.79E-03	-2.56E-02	3.54E-03
1.00E+00	-9.30E+01	-1.43E-01	-7.32E-03	6.93E-03
1.02E+00	-9.30E+01	-1.13E-01	-3.42E-02	-4.10E-03
1.04E+00	-9.30E+01	-1.43E-01	-3.42E-02	-1.05E-02
1.06E+00	-9.30E+01	-8.20E-02	-5.25E-02	-1.43E-02
1.08E+00	-9.30E+01	-1.13E-01	-2.44E-02	-1.85E-02
1.10E+00	-9.30E+01	-3.61E-02	-4.39E-02	-1.60E-02
1.12E+00	-9.30E+01	2.51E-02	-3.66E-02	-3.25E-03
1.14E+00	-9.30E+01	1.02E-01	-2.93E-02	2.69E-03
1.16E+00	-9.30E+01	-1.43E-01	1.71E-02	-9.19E-03
1.18E+00	-9.30E+01	-3.27E-01	-1.83E-02	-1.51E-02
1.20E+00	-9.30E+01	-1.89E-01	-7.32E-03	-4.95E-03
1.22E+00	-9.30E+01	-1.43E-01	-4.88E-03	-3.25E-03
1.24E+00	-9.30E+01	-1.58E-01	9.77E-03	-4.95E-03
1.26E+00	-9.30E+01	-3.61E-02	1.22E-03	-8.34E-03
1.28E+00	-9.30E+01	-3.57E-01	-1.22E-02	-5.79E-03
1.30E+00	-9.30E+01	-2.04E-01	-1.46E-02	-4.10E-03
1.32E+00	-9.30E+01	7.09E-02	-7.32E-03	-7.04E-04
1.34E+00	-9.30E+01	-1.13E-01	1.10E-02	4.39E-03
1.36E+00	-9.30E+01	-1.28E-01	0.00E+00	-7.04E-04
1.38E+00	-9.30E+01	1.17E-01	-7.32E-03	1.29E-02
1.40E+00	-9.30E+01	2.85E-01	-2.08E-02	6.08E-03
1.42E+00	-9.30E+01	3.31E-01	-2.69E-02	4.39E-03
1.44E+00	-9.30E+01	9.79E-03	-3.05E-02	-1.05E-02
1.46E+00	-9.30E+01	5.57E-02	-2.44E-02	9.93E-04
1.48E+00	-9.30E+01	9.79E-03	-2.69E-02	7.78E-03
1.50E+00	-9.30E+01	-2.08E-02	-2.69E-02	-7.92E-03
1.52E+00	-9.30E+01	-3.27E-01	-1.46E-02	-8.34E-03
1.54E+00	-9.30E+01	-1.13E-01	-3.17E-02	1.44E-04

1.56E+00	-9.30E+01	1.02E-01	-1.71E-02	-8.34E-03
1.58E+00	-9.30E+01	-2.81E-01	-1.46E-02	-1.26E-02
1.60E+00	-9.30E+01	-2.65E-01	-2.56E-02	-6.64E-03
1.62E+00	-9.30E+01	-4.64E-01	7.32E-03	2.27E-03
1.64E+00	-9.30E+01	-8.20E-02	-2.44E-03	-1.68E-02
1.66E+00	-9.30E+01	-6.02E-01	1.71E-02	-2.40E-03
1.68E+00	-9.30E+01	-6.67E-02	-4.88E-03	5.23E-03
1.70E+00	-9.30E+01	-3.61E-02	-1.71E-02	4.81E-03
1.72E+00	-9.30E+01	7.09E-02	-4.88E-03	6.93E-03
1.74E+00	-9.30E+01	-2.08E-02	2.44E-03	-7.04E-04
1.76E+00	-9.30E+01	7.09E-02	2.44E-03	1.84E-03
1.78E+00	-9.30E+01	1.32E-01	-9.77E-03	5.23E-03
1.80E+00	-9.30E+01	2.85E-01	-2.44E-02	7.78E-03
1.82E+00	-9.30E+01	2.09E-01	-1.46E-02	6.93E-03
1.84E+00	-9.30E+01	1.02E-01	-2.69E-02	3.96E-03
1.86E+00	-9.30E+01	4.04E-02	-3.30E-02	-1.55E-03
1.88E+00	-9.30E+01	-2.08E-02	-2.93E-02	2.69E-03
1.90E+00	-9.30E+01	-8.20E-02	-2.69E-02	-1.17E-02
1.92E+00	-9.30E+01	-1.89E-01	-2.93E-02	-8.34E-03
1.94E+00	-9.30E+01	-2.04E-01	-3.17E-02	-5.79E-03
1.96E+00	-9.30E+01	-1.13E-01	-1.22E-02	-5.79E-03
1.98E+00	-9.30E+01	-1.43E-01	2.44E-03	-9.19E-03
2.00E+00	-9.30E+01	4.04E-02	-1.46E-02	-4.95E-03
2.02E+00	-9.30E+01	2.24E-01	-4.88E-03	3.96E-03
2.04E+00	-9.30E+01	1.63E-01	-2.20E-02	1.58E-02
2.06E+00	-9.30E+01	8.62E-02	-1.22E-02	3.96E-03
2.08E+00	-9.30E+01	4.23E-01	-2.69E-02	1.20E-02
2.10E+00	-9.30E+01	-5.50E-03	-1.83E-02	6.08E-03
2.12E+00	-9.30E+01	-2.35E-01	-2.69E-02	-1.09E-02
2.14E+00	-9.30E+01	-2.96E-01	-1.95E-02	-3.25E-03
2.16E+00	-9.30E+01	-2.04E-01	-2.69E-02	-4.52E-03
2.18E+00	-9.30E+01	1.47E-01	-1.95E-02	-9.19E-03
2.20E+00	-9.30E+01	-1.74E-01	-3.42E-02	-1.81E-02
2.22E+00	-9.30E+01	-5.10E-01	-1.22E-02	-6.64E-03
2.24E+00	-9.30E+01	-8.20E-02	1.59E-02	2.69E-03
2.26E+00	-9.30E+01	-5.50E-03	0.00E+00	-1.55E-03
2.28E+00	-9.30E+01	-2.50E-01	7.32E-03	6.08E-03
2.30E+00	-9.30E+01	-1.89E-01	-1.10E-02	2.69E-03
2.32E+00	-9.30E+01	-2.35E-01	-6.10E-03	-1.13E-03
2.34E+00	-9.30E+01	1.63E-01	-2.56E-02	6.93E-03
2.36E+00	-9.30E+01	-2.08E-02	2.44E-03	1.44E-04
2.38E+00	-9.30E+01	9.79E-03	2.44E-03	-6.22E-03
2.40E+00	-9.30E+01	1.02E-01	-2.56E-02	-1.47E-02
2.42E+00	-9.30E+01	3.00E-01	-7.32E-03	3.54E-03
2.44E+00	-9.30E+01	1.78E-01	-4.15E-02	2.27E-03
2.46E+00	-9.30E+01	1.02E-01	-7.32E-03	2.69E-03
2.48E+00	-9.30E+01	-5.14E-02	-3.05E-02	6.93E-03

2.50E+00	-9.30E+01	2.85E-01	-5.37E-02	2.27E-03
2.52E+00	-9.30E+01	3.61E-01	-1.95E-02	3.54E-03
2.54E+00	-9.30E+01	-5.50E-03	-5.86E-02	-1.43E-02
2.56E+00	-9.30E+01	1.02E-01	-3.42E-02	-1.55E-03
2.58E+00	-9.30E+01	-3.61E-02	-3.42E-02	-9.19E-03
2.60E+00	-9.30E+01	-2.65E-01	-3.05E-02	-3.25E-03
2.62E+00	-9.30E+01	-2.65E-01	-1.34E-02	-4.10E-03
2.64E+00	-9.30E+01	-1.74E-01	-3.17E-02	-2.40E-03
2.66E+00	-9.30E+01	-1.28E-01	-4.88E-03	-1.13E-03
2.68E+00	-9.30E+01	-1.74E-01	4.88E-03	-4.95E-03
2.70E+00	-9.30E+01	9.79E-03	2.81E-02	1.44E-04
2.72E+00	-9.30E+01	-3.57E-01	-9.77E-03	4.39E-03
2.74E+00	-9.30E+01	2.24E-01	-1.10E-02	-7.04E-04
2.76E+00	-9.30E+01	1.32E-01	-1.59E-02	2.27E-03
2.78E+00	-9.30E+01	4.04E-02	-2.20E-02	8.63E-03
2.80E+00	-9.30E+01	1.02E-01	0.00E+00	1.07E-02
2.82E+00	-9.30E+01	2.54E-01	-2.44E-02	-6.64E-03
2.84E+00	-9.30E+01	-1.74E-01	-1.59E-02	-1.00E-02
2.86E+00	-9.30E+01	-2.20E-01	-2.44E-03	-2.40E-03
2.88E+00	-9.30E+01	2.09E-01	-2.44E-03	2.27E-03
2.90E+00	-9.30E+01	-1.74E-01	2.20E-02	8.63E-03
2.92E+00	-9.30E+01	-1.58E-01	-7.32E-03	6.93E-03
2.94E+00	-9.30E+01	7.09E-02	1.10E-02	2.22E-02
2.96E+00	-9.30E+01	7.09E-02	1.22E-03	9.48E-03
2.98E+00	-9.30E+01	1.63E-01	-1.59E-02	2.27E-03
3.00E+00	-9.30E+01	-5.50E-03	-2.56E-02	6.08E-03
3.02E+00	-9.30E+01	7.09E-02	-3.54E-02	-4.52E-03
3.04E+00	-9.30E+01	9.79E-03	-7.32E-03	-9.19E-03
3.06E+00	-9.30E+01	-2.08E-02	-1.46E-02	-6.64E-03
3.08E+00	-9.30E+01	-2.08E-02	0.00E+00	-2.40E-03
3.10E+00	-9.30E+01	7.09E-02	2.44E-03	3.54E-03
3.12E+00	-9.30E+01	1.32E-01	-2.20E-02	7.78E-03
3.14E+00	-9.30E+01	2.54E-01	-3.05E-02	3.54E-03
3.16E+00	-9.30E+01	-1.13E-01	-1.95E-02	-7.49E-03
3.18E+00	-9.30E+01	-2.65E-01	-2.81E-02	-9.61E-03
3.20E+00	-9.30E+01	-5.14E-02	-7.32E-03	-2.40E-03
3.22E+00	-9.30E+01	1.47E-01	-4.88E-03	-5.79E-03
3.24E+00	-9.30E+01	-2.04E-01	-9.77E-03	-2.11E-02
3.26E+00	-9.30E+01	-3.42E-01	4.88E-03	9.93E-04
3.28E+00	-9.30E+01	5.57E-02	1.22E-03	1.63E-02
3.30E+00	-9.30E+01	1.32E-01	9.77E-03	7.78E-03
3.32E+00	-9.30E+01	2.39E-01	-1.71E-02	2.27E-03
3.34E+00	-9.30E+01	4.04E-02	-1.22E-02	-6.22E-03
3.36E+00	-9.30E+01	7.09E-02	0.00E+00	1.12E-02
3.38E+00	-9.30E+01	1.47E-01	-1.46E-02	1.33E-02
3.40E+00	-9.30E+01	1.47E-01	-1.34E-02	2.69E-03
3.42E+00	-9.30E+01	-1.74E-01	-2.56E-02	3.54E-03

3.44E+00	-9.30E+01	1.63E-01	-2.20E-02	1.12E-02
3.46E+00	-9.30E+01	-2.08E-02	-1.95E-02	-2.40E-03
3.48E+00	-9.30E+01	-2.20E-01	-2.69E-02	-5.37E-03
3.50E+00	-9.30E+01	-1.13E-01	-5.00E-02	-4.95E-03
3.52E+00	-9.30E+01	-1.13E-01	-2.56E-02	-4.95E-03
3.54E+00	-9.30E+01	-2.04E-01	-7.32E-03	-8.34E-03
3.56E+00	-9.30E+01	-3.57E-01	6.10E-03	-1.55E-03
3.58E+00	-9.30E+01	2.24E-01	-4.88E-03	9.93E-04
3.60E+00	-9.30E+01	9.79E-03	-3.17E-02	-7.49E-03
3.62E+00	-9.30E+01	1.93E-01	-7.32E-03	1.84E-03
3.64E+00	-9.30E+01	-5.14E-02	-1.59E-02	9.48E-03
3.66E+00	-9.30E+01	2.39E-01	0.00E+00	1.80E-02
3.68E+00	-9.30E+01	2.54E-01	-1.71E-02	3.54E-03
3.70E+00	-9.30E+01	-9.72E-02	-4.64E-02	-7.04E-04
3.72E+00	-9.30E+01	1.17E-01	-4.27E-02	2.69E-03
3.74E+00	-9.30E+01	2.54E-01	-3.66E-02	9.93E-04
3.76E+00	-9.30E+01	1.93E-01	-2.56E-02	-4.95E-03
3.78E+00	-9.30E+01	1.17E-01	-2.81E-02	-7.49E-03
3.80E+00	-9.30E+01	9.79E-03	-1.71E-02	-3.67E-03
3.82E+00	-9.30E+01	-3.88E-01	-4.88E-02	-1.13E-03
3.84E+00	-9.30E+01	-2.04E-01	-2.20E-02	8.63E-03
3.86E+00	-9.30E+01	-2.04E-01	-7.32E-03	-8.34E-03
3.88E+00	-9.30E+01	-5.25E-01	9.77E-03	-9.19E-03
3.90E+00	-9.30E+01	-1.43E-01	-6.10E-03	-7.04E-04
3.92E+00	-9.30E+01	-2.08E-02	-1.71E-02	-7.07E-03
3.94E+00	-9.30E+01	-1.58E-01	4.88E-03	-2.40E-03
3.96E+00	-9.30E+01	-8.20E-02	-1.71E-02	-6.22E-03
3.98E+00	-9.30E+01	-1.74E-01	-9.77E-03	-7.92E-03
4.00E+00	-9.30E+01	4.04E-02	-7.32E-03	1.84E-03
4.02E+00	-9.30E+01	9.79E-03	3.91E-02	5.23E-03
4.04E+00	-9.30E+01	1.32E-01	2.44E-03	2.69E-03
4.06E+00	-9.30E+01	-8.20E-02	1.10E-02	-7.49E-03
4.08E+00	-9.30E+01	2.09E-01	-1.59E-02	9.90E-03
4.10E+00	-9.30E+01	2.09E-01	-2.08E-02	-1.98E-03
4.12E+00	-9.30E+01	1.02E-01	-4.03E-02	-6.22E-03
4.14E+00	-9.30E+01	-5.50E-03	-3.66E-02	2.69E-03
4.16E+00	-9.30E+01	9.79E-03	-2.20E-02	-6.64E-03
4.18E+00	-9.30E+01	-6.67E-02	-1.71E-02	-1.22E-02
4.20E+00	-9.30E+01	-8.20E-02	-9.77E-03	1.20E-02
4.22E+00	-9.30E+01	-3.61E-02	2.44E-03	2.69E-03
4.24E+00	-9.30E+01	-1.74E-01	7.32E-03	3.54E-03
4.26E+00	-9.30E+01	8.62E-02	-1.22E-02	-1.68E-02
4.28E+00	-9.30E+01	2.09E-01	-2.69E-02	7.78E-03
4.30E+00	-9.30E+01	2.24E-01	-1.22E-02	-1.13E-02
4.32E+00	-9.30E+01	9.79E-03	-2.32E-02	-7.04E-04
4.34E+00	-9.30E+01	-2.96E-01	-3.54E-02	-1.55E-03
4.36E+00	-9.30E+01	4.04E-02	-3.42E-02	4.39E-03

4.38E+00	-9.30E+01	-5.14E-02	-2.32E-02	-8.34E-03
4.40E+00	-9.30E+01	-2.08E-02	-2.44E-02	-1.68E-02
4.42E+00	-9.30E+01	-1.74E-01	6.10E-03	-4.10E-03
4.44E+00	-9.30E+01	-5.14E-02	-3.30E-02	-1.55E-03
4.46E+00	-9.30E+01	-3.11E-01	-3.66E-02	3.96E-03
4.48E+00	-9.30E+01	-1.13E-01	-1.46E-02	5.23E-03
4.50E+00	-9.30E+01	-2.65E-01	-2.32E-02	-1.39E-02
4.52E+00	-9.30E+01	-2.04E-01	-2.32E-02	-7.49E-03
4.54E+00	-9.30E+01	7.09E-02	-3.66E-02	-5.79E-03
4.56E+00	-9.30E+01	-8.20E-02	-1.34E-02	-1.13E-02
4.58E+00	-9.30E+01	-1.13E-01	-2.93E-02	-6.64E-03
4.60E+00	-9.30E+01	-1.13E-01	-4.88E-03	-8.34E-03
4.62E+00	-9.30E+01	-1.58E-01	-3.17E-02	4.39E-03
4.64E+00	-9.30E+01	-2.08E-02	-3.17E-02	-4.95E-03
4.66E+00	-9.30E+01	-1.43E-01	-2.44E-03	-1.34E-02
4.68E+00	-9.30E+01	-2.96E-01	-9.77E-03	-1.05E-02
4.70E+00	-9.30E+01	-2.04E-01	-2.20E-02	-1.13E-02
4.72E+00	-9.30E+01	-2.20E-01	-1.59E-02	-1.09E-02
4.74E+00	-9.30E+01	-3.61E-02	-1.95E-02	-3.67E-03
4.76E+00	-9.30E+01	9.79E-03	9.77E-03	-2.82E-03
4.78E+00	-9.30E+01	-2.08E-02	-2.44E-03	8.20E-03
4.80E+00	-9.30E+01	2.70E-01	0.00E+00	1.20E-02
4.82E+00	-9.30E+01	2.54E-01	-1.34E-02	8.63E-03
4.84E+00	-9.30E+01	4.04E-02	-3.66E-03	4.39E-03
4.86E+00	-9.30E+01	1.63E-01	-3.17E-02	1.44E-04
4.88E+00	-9.30E+01	7.09E-02	-4.64E-02	-1.00E-02
4.90E+00	-9.30E+01	3.46E-01	-4.64E-02	-8.34E-03
4.92E+00	-9.30E+01	-2.04E-01	-2.69E-02	-9.19E-03
4.94E+00	-9.30E+01	-5.14E-02	-2.93E-02	-8.34E-03
4.96E+00	-9.30E+01	-1.13E-01	-1.34E-02	-7.49E-03
4.98E+00	-9.30E+01	-5.14E-02	-4.88E-03	-1.17E-02
5.00E+00	-9.30E+01	-3.27E-01	-1.46E-02	-1.17E-02
5.02E+00	-9.30E+01	-2.65E-01	-1.22E-02	1.44E-04
5.04E+00	-9.30E+01	-8.20E-02	2.44E-03	5.23E-03
5.06E+00	-9.30E+01	4.04E-02	-7.32E-03	4.81E-03
5.08E+00	-9.30E+01	1.93E-01	-2.93E-02	3.11E-03
5.10E+00	-9.30E+01	3.77E-01	-5.13E-02	1.42E-03
5.12E+00	-9.30E+01	-1.43E-01	-2.69E-02	-9.61E-03
5.14E+00	-9.30E+01	-2.35E-01	-2.93E-02	-7.92E-03
5.16E+00	-9.30E+01	-8.20E-02	-1.95E-02	-7.07E-03
5.18E+00	-9.30E+01	-1.89E-01	-7.32E-03	-1.30E-02
5.20E+00	-9.30E+01	-1.43E-01	0.00E+00	-4.52E-03
5.22E+00	-9.30E+01	-2.35E-01	9.77E-03	-1.13E-03
5.24E+00	-9.30E+01	-5.50E-03	-1.22E-02	3.54E-03
5.26E+00	-9.30E+01	2.09E-01	-1.59E-02	5.23E-03
5.28E+00	-9.30E+01	1.02E-01	-2.81E-02	-1.13E-03
5.30E+00	-9.30E+01	1.78E-01	-3.78E-02	4.39E-03

5.32E+00	-9.30E+01	1.63E-01	-2.69E-02	-1.98E-03
5.34E+00	-9.30E+01	-2.50E-01	-2.93E-02	-5.79E-03
5.36E+00	-9.30E+01	-2.04E-01	-2.32E-02	-3.25E-03
5.38E+00	-9.30E+01	-1.74E-01	-1.59E-02	-6.22E-03
5.40E+00	-9.30E+01	-1.13E-01	-2.20E-02	-6.64E-03
5.42E+00	-9.30E+01	-1.74E-01	-1.46E-02	-1.09E-02
5.44E+00	-9.30E+01	-5.14E-02	-1.59E-02	-7.49E-03
5.46E+00	-9.30E+01	-5.14E-02	-1.71E-02	-4.95E-03
5.48E+00	-9.30E+01	1.63E-01	1.22E-02	-1.55E-03
5.50E+00	-9.30E+01	-8.20E-02	3.66E-03	-6.64E-03
5.52E+00	-9.30E+01	6.37E-01	-2.08E-02	6.93E-03
5.54E+00	-9.30E+01	1.32E-01	-4.88E-03	5.23E-03
5.56E+00	-9.30E+01	1.47E-01	-6.10E-03	9.90E-03
5.58E+00	-9.30E+01	3.46E-01	-3.66E-02	2.27E-03
5.60E+00	-9.30E+01	7.09E-02	-4.39E-02	-1.55E-03
5.62E+00	-9.30E+01	-5.14E-02	-2.93E-02	-5.79E-03
5.64E+00	-9.30E+01	-3.11E-01	-2.20E-02	-1.81E-02
5.66E+00	-9.30E+01	-2.04E-01	-4.88E-02	-1.94E-02
5.68E+00	-9.30E+01	7.09E-02	-8.54E-03	-4.95E-03
5.70E+00	-9.30E+01	-2.04E-01	2.44E-03	-1.98E-03
5.72E+00	-9.30E+01	-2.65E-01	0.00E+00	-1.13E-02
5.74E+00	-9.30E+01	-2.04E-01	-4.88E-03	-8.34E-03
5.76E+00	-9.30E+01	1.02E-01	-9.77E-03	6.08E-03
5.78E+00	-9.30E+01	2.85E-01	-1.83E-02	1.84E-03
5.80E+00	-9.30E+01	-5.50E-03	4.88E-03	1.37E-02
5.82E+00	-9.30E+01	1.63E-01	-1.59E-02	4.39E-03
5.84E+00	-9.30E+01	1.93E-01	-1.46E-02	1.03E-02
5.86E+00	-9.30E+01	1.63E-01	-1.83E-02	5.23E-03
5.88E+00	-9.30E+01	2.51E-02	-4.39E-02	4.39E-03
5.90E+00	-9.30E+01	-6.67E-02	-3.66E-02	-4.52E-03
5.92E+00	-9.30E+01	-9.72E-02	-5.13E-02	-1.34E-02
5.94E+00	-9.30E+01	8.62E-02	-2.20E-02	-3.25E-03
5.96E+00	-9.30E+01	-3.11E-01	-2.32E-02	-6.64E-03
5.98E+00	-9.30E+01	9.79E-03	-1.46E-02	-5.79E-03
6.00E+00	-9.30E+01	-1.74E-01	-4.88E-03	-4.95E-03
6.02E+00	-9.30E+01	-8.20E-02	2.44E-03	-1.56E-02
6.04E+00	-9.30E+01	-2.04E-01	-1.46E-02	-7.92E-03
6.06E+00	-9.30E+01	1.32E-01	-9.77E-03	7.36E-03
6.08E+00	-9.30E+01	1.93E-01	4.88E-03	9.93E-04
6.10E+00	-9.30E+01	1.02E-01	2.44E-03	3.54E-03
6.12E+00	-9.30E+01	-5.50E-03	-1.71E-02	8.20E-03
6.14E+00	-9.30E+01	1.63E-01	-8.54E-03	1.75E-02
6.16E+00	-9.30E+01	-2.08E-02	-2.69E-02	-4.95E-03
6.18E+00	-9.30E+01	-9.72E-02	-3.66E-02	-4.95E-03
6.20E+00	-9.30E+01	-2.04E-01	-2.93E-02	-4.95E-03
6.22E+00	-9.30E+01	-2.08E-02	-1.95E-02	-1.89E-02
6.24E+00	-9.30E+01	-5.14E-02	-2.56E-02	-1.00E-02

6.26E+00	-9.30E+01	-2.04E-01	-1.22E-03	-5.79E-03
6.28E+00	-9.30E+01	7.09E-02	-4.88E-03	2.69E-03
6.30E+00	-9.30E+01	1.63E-01	-7.32E-03	1.44E-04
6.32E+00	-9.30E+01	8.62E-02	-2.32E-02	4.39E-03
6.34E+00	-9.30E+01	7.09E-02	7.32E-03	4.39E-03
6.36E+00	-9.30E+01	3.46E-01	-2.44E-02	6.93E-03
6.38E+00	-9.30E+01	-5.14E-02	-2.20E-02	-4.95E-03
6.40E+00	-9.30E+01	1.02E-01	-2.44E-02	9.93E-04
6.42E+00	-9.30E+01	7.09E-02	-4.15E-02	-7.04E-04
6.44E+00	-9.30E+01	-5.14E-02	-2.20E-02	-2.11E-02
6.46E+00	-9.30E+01	-1.89E-01	0.00E+00	-1.55E-03
6.48E+00	-9.30E+01	1.02E-01	-4.88E-03	2.01E-02
6.50E+00	-9.30E+01	-8.20E-02	-1.22E-02	-4.10E-03
6.52E+00	-9.30E+01	9.79E-03	4.88E-03	2.27E-03
6.54E+00	-9.30E+01	4.04E-02	-9.77E-03	1.44E-04
6.56E+00	-9.30E+01	2.70E-01	-3.42E-02	9.48E-03
6.58E+00	-9.30E+01	-9.72E-02	-1.95E-02	6.08E-03
6.60E+00	-9.30E+01	-8.20E-02	-3.42E-02	5.23E-03
6.62E+00	-9.30E+01	-2.50E-01	-1.95E-02	-5.79E-03
6.64E+00	-9.30E+01	-9.72E-02	-9.77E-03	-1.09E-02
6.66E+00	-9.30E+01	-1.89E-01	-9.77E-03	-3.25E-03
6.68E+00	-9.30E+01	2.51E-02	-1.71E-02	6.93E-03
6.70E+00	-9.30E+01	1.93E-01	-8.54E-03	-7.04E-04
6.72E+00	-9.30E+01	4.04E-02	-1.95E-02	9.93E-04
6.74E+00	-9.30E+01	7.09E-02	-3.17E-02	-9.19E-03
6.76E+00	-9.30E+01	-8.20E-02	-2.69E-02	-2.40E-03
6.78E+00	-9.30E+01	-3.57E-01	-1.95E-02	-1.17E-02
6.80E+00	-9.30E+01	-8.20E-02	-1.22E-02	-1.26E-02
6.82E+00	-9.30E+01	-5.14E-02	-1.71E-02	-8.34E-03
6.84E+00	-9.30E+01	-2.04E-01	4.88E-03	2.69E-03
6.86E+00	-9.30E+01	2.51E-02	-3.05E-02	3.96E-03
6.88E+00	-9.30E+01	-6.67E-02	-8.54E-03	6.93E-03
6.90E+00	-9.30E+01	8.62E-02	-2.69E-02	6.08E-03
6.92E+00	-9.30E+01	9.79E-03	-2.32E-02	-6.64E-03
6.94E+00	-9.30E+01	-2.35E-01	-3.05E-02	-4.10E-03
6.96E+00	-9.30E+01	-1.13E-01	-1.59E-02	-7.49E-03
6.98E+00	-9.30E+01	-2.08E-02	4.88E-03	-2.40E-03
7.00E+00	-9.30E+01	-3.27E-01	-1.22E-02	-3.67E-03
7.02E+00	-9.30E+01	1.32E-01	-3.66E-03	5.69E-04
7.04E+00	-9.30E+01	4.04E-02	4.88E-03	9.93E-04
7.06E+00	-9.30E+01	2.51E-02	0.00E+00	-4.95E-03
7.08E+00	-9.30E+01	1.02E-01	-4.88E-03	1.20E-02
7.10E+00	-9.30E+01	4.38E-01	-2.44E-02	7.36E-03
7.12E+00	-9.30E+01	1.47E-01	-2.69E-02	2.27E-03
7.14E+00	-9.30E+01	9.79E-03	-2.20E-02	9.93E-04
7.16E+00	-9.30E+01	1.47E-01	-3.66E-02	1.44E-04
7.18E+00	-9.30E+01	1.02E-01	-1.71E-02	1.12E-02

7.20E+00	-9.30E+01	-2.20E-01	-1.95E-02	-1.13E-02
7.22E+00	-9.30E+01	-4.79E-01	-1.95E-02	-6.64E-03
7.24E+00	-9.30E+01	-6.67E-02	-2.08E-02	-7.49E-03
7.26E+00	-9.30E+01	-1.13E-01	-3.66E-03	-1.00E-02
7.28E+00	-9.30E+01	-1.43E-01	-8.54E-03	-4.10E-03
7.30E+00	-9.30E+01	4.04E-02	-3.66E-03	9.48E-03
7.32E+00	-9.30E+01	1.63E-01	-3.66E-03	4.39E-03
7.34E+00	-9.30E+01	2.54E-01	0.00E+00	5.23E-03
7.36E+00	-9.30E+01	8.62E-02	-1.71E-02	3.96E-03
7.38E+00	-9.30E+01	-1.89E-01	-2.44E-02	1.03E-02
7.40E+00	-9.30E+01	2.24E-01	-8.54E-03	8.63E-03
7.42E+00	-9.30E+01	1.02E-01	-2.20E-02	-5.79E-03
7.44E+00	-9.30E+01	-1.43E-01	-2.69E-02	-7.04E-04
7.46E+00	-9.30E+01	7.09E-02	1.71E-02	-1.98E-03
7.48E+00	-9.30E+01	-5.14E-02	2.44E-03	6.93E-03
7.50E+00	-9.30E+01	1.17E-01	-2.93E-02	7.36E-03
7.52E+00	-9.30E+01	2.09E-01	-1.95E-02	-5.37E-03
7.54E+00	-9.30E+01	-1.58E-01	-1.95E-02	-8.76E-03
7.56E+00	-9.30E+01	1.02E-01	-4.88E-03	-5.79E-03
7.58E+00	-9.30E+01	-2.08E-02	7.32E-03	-7.04E-04
7.60E+00	-9.30E+01	1.02E-01	2.44E-03	-1.13E-03
7.62E+00	-9.30E+01	6.83E-01	6.10E-03	6.08E-03
7.64E+00	-9.30E+01	1.32E-01	-2.69E-02	-3.67E-03
7.66E+00	-9.30E+01	-2.08E-02	-2.93E-02	-1.34E-02
7.68E+00	-9.30E+01	4.99E-01	-2.69E-02	-1.00E-02
7.70E+00	-9.30E+01	1.32E-01	0.00E+00	-8.34E-03
7.72E+00	-9.30E+01	2.85E-01	-2.69E-02	-3.25E-03
7.74E+00	-9.30E+01	6.52E-01	-1.46E-02	2.69E-03
7.76E+00	-9.30E+01	6.37E-01	-1.22E-02	-8.76E-03
7.78E+00	-9.30E+01	7.13E-01	-1.95E-02	-5.79E-03
7.80E+00	-9.30E+01	5.75E-01	-3.91E-02	-1.51E-02
7.82E+00	-9.30E+01	1.62E+00	-1.59E-02	-8.34E-03
7.84E+00	-9.30E+01	2.06E+00	-9.77E-03	-1.13E-02
7.86E+00	-9.30E+01	2.98E+00	-8.54E-03	1.44E-04
7.88E+00	-9.30E+01	1.34E+01	-3.42E-02	1.16E-02
7.90E+00	-9.30E+01	2.62E+01	-1.71E-02	1.44E-04
7.92E+00	-9.30E+01	4.09E+01	-3.42E-02	-1.55E-03
7.94E+00	-9.30E+01	5.70E+01	-3.42E-02	-5.79E-03
7.96E+00	-9.30E+01	7.42E+01	-2.69E-02	-2.74E-02
7.98E+00	-9.30E+01	9.12E+01	-3.42E-02	-2.15E-02
8.00E+00	-9.30E+01	1.07E+02	-3.42E-02	-2.95E-02
8.02E+00	-9.30E+01	1.23E+02	-7.32E-03	-3.34E-02
8.04E+00	-9.30E+01	1.41E+02	1.46E-02	-3.59E-02
8.06E+00	-9.30E+01	1.61E+02	-7.32E-03	-3.42E-02
8.08E+00	-9.30E+01	1.80E+02	-2.44E-03	-4.31E-02
8.10E+00	-9.30E+01	1.92E+02	2.44E-03	-4.57E-02
8.12E+00	-9.30E+01	1.93E+02	-4.03E-02	-5.25E-02

8.14E+00	-9.30E+01	1.49E+02	-4.15E-02	-5.16E-02
8.16E+00	-9.30E+01	1.23E+02	-2.32E-02	-6.31E-02
8.18E+00	-9.30E+01	1.38E+02	-3.05E-02	-6.35E-02
8.20E+00	-9.30E+01	1.63E+02	-6.23E-02	-8.81E-02
8.22E+00	-9.30E+01	1.87E+02	-3.17E-02	-8.55E-02
8.24E+00	-9.30E+01	1.94E+02	-7.32E-03	-9.32E-02
8.26E+00	-9.30E+01	1.93E+02	1.22E-03	-9.32E-02
8.28E+00	-9.30E+01	1.95E+02	-2.44E-03	-8.89E-02
8.30E+00	-9.30E+01	1.96E+02	4.88E-03	-9.36E-02
8.32E+00	-9.30E+01	1.95E+02	2.44E-03	-1.03E-01
8.34E+00	-9.30E+01	1.97E+02	-2.08E-02	-1.03E-01
8.36E+00	-9.30E+01	1.98E+02	-7.32E-03	-1.00E-01
8.38E+00	-9.30E+01	1.97E+02	-2.93E-02	-1.25E-01
8.40E+00	-9.30E+01	1.99E+02	-3.42E-02	-1.25E-01
8.42E+00	-9.30E+01	1.99E+02	-2.93E-02	-1.31E-01
8.44E+00	-9.30E+01	1.99E+02	-3.05E-02	-1.49E-01
8.46E+00	-9.30E+01	2.00E+02	-1.95E-02	-1.44E-01
8.48E+00	-9.30E+01	2.00E+02	-2.93E-02	-1.62E-01
8.50E+00	-9.30E+01	2.00E+02	-2.69E-02	-1.63E-01
8.52E+00	-9.30E+01	2.02E+02	-2.69E-02	-1.74E-01
8.54E+00	-9.30E+01	2.01E+02	-2.20E-02	-1.75E-01
8.56E+00	-9.30E+01	2.02E+02	-9.77E-03	-1.90E-01
8.58E+00	-9.30E+01	2.03E+02	3.66E-03	-1.86E-01
8.60E+00	-9.30E+01	2.03E+02	-9.77E-03	-1.93E-01
8.62E+00	-9.30E+01	2.04E+02	-3.66E-03	-1.99E-01
8.64E+00	-9.30E+01	2.04E+02	0.00E+00	-2.04E-01
8.66E+00	-9.30E+01	2.04E+02	-2.44E-03	-2.03E-01
8.68E+00	-9.30E+01	2.04E+02	-1.95E-02	-2.08E-01
8.70E+00	-9.30E+01	2.05E+02	-1.59E-02	-2.16E-01
8.72E+00	-9.30E+01	2.04E+02	-2.81E-02	-2.29E-01
8.74E+00	-9.30E+01	2.04E+02	-3.66E-02	-2.37E-01
8.76E+00	-9.30E+01	2.04E+02	-1.46E-02	-2.54E-01
8.78E+00	-9.30E+01	2.03E+02	-4.88E-03	-2.45E-01
8.80E+00	-9.30E+01	2.03E+02	1.22E-03	-2.42E-01
8.82E+00	-9.30E+01	2.03E+02	-4.88E-03	-2.57E-01
8.84E+00	-9.30E+01	2.02E+02	0.00E+00	-2.62E-01
8.86E+00	-9.30E+01	2.01E+02	-3.66E-02	-2.71E-01
8.88E+00	-9.30E+01	2.00E+02	-2.69E-02	-2.82E-01
8.90E+00	-9.30E+01	1.99E+02	-2.44E-02	-2.90E-01
8.92E+00	-9.30E+01	1.99E+02	-3.05E-02	-2.92E-01
8.94E+00	-9.30E+01	1.98E+02	-5.37E-02	-3.05E-01
8.96E+00	-9.30E+01	1.97E+02	-2.20E-02	-3.13E-01
8.98E+00	-9.30E+01	1.97E+02	-1.10E-02	-3.35E-01
9.00E+00	-9.30E+01	1.96E+02	-7.32E-03	-3.21E-01
9.02E+00	-9.30E+01	1.95E+02	0.00E+00	-3.19E-01
9.04E+00	-9.30E+01	1.95E+02	2.44E-03	-3.26E-01
9.06E+00	-9.30E+01	1.94E+02	-2.20E-02	-3.47E-01

9.08E+00	-9.30E+01	1.94E+02	-3.05E-02	-3.46E-01
9.10E+00	-9.30E+01	1.93E+02	-2.69E-02	-3.61E-01
9.12E+00	-9.30E+01	1.92E+02	-2.44E-02	-3.68E-01
9.14E+00	-9.30E+01	1.92E+02	-1.22E-02	-3.63E-01
9.16E+00	-9.30E+01	1.91E+02	2.44E-03	-3.71E-01
9.18E+00	-9.30E+01	1.91E+02	-6.10E-03	-3.74E-01
9.20E+00	-9.30E+01	1.90E+02	-2.20E-02	-3.79E-01
9.22E+00	-9.30E+01	1.90E+02	-4.88E-03	-3.83E-01
9.24E+00	-9.30E+01	1.90E+02	-2.44E-02	-3.96E-01
9.26E+00	-9.30E+01	1.89E+02	-3.42E-02	-4.14E-01
9.28E+00	-9.30E+01	1.89E+02	-2.93E-02	-4.13E-01
9.30E+00	-9.30E+01	1.88E+02	-2.08E-02	-4.27E-01
9.32E+00	-9.30E+01	1.88E+02	-1.46E-02	-4.12E-01
9.34E+00	-9.30E+01	1.88E+02	-7.32E-03	-4.28E-01
9.36E+00	-9.30E+01	1.87E+02	3.66E-03	-4.34E-01
9.38E+00	-9.30E+01	1.87E+02	-1.95E-02	-4.37E-01
9.40E+00	-9.30E+01	1.87E+02	-2.44E-02	-4.47E-01
9.42E+00	-9.30E+01	1.87E+02	-2.44E-03	-4.64E-01
9.44E+00	-9.30E+01	1.87E+02	-1.22E-02	-4.61E-01
9.46E+00	-9.30E+01	1.87E+02	-2.20E-02	-4.71E-01
9.48E+00	-9.30E+01	1.86E+02	-3.66E-02	-4.79E-01
9.50E+00	-9.30E+01	1.86E+02	-2.08E-02	-4.78E-01
9.52E+00	-9.30E+01	1.86E+02	-2.44E-02	-4.92E-01
9.54E+00	-9.30E+01	1.86E+02	-3.91E-02	-5.03E-01
9.56E+00	-9.30E+01	1.86E+02	-2.93E-02	-5.09E-01
9.58E+00	-9.30E+01	1.86E+02	-3.66E-03	-5.03E-01
9.60E+00	-9.30E+01	1.85E+02	0.00E+00	-5.20E-01
9.62E+00	-9.30E+01	1.86E+02	-1.34E-02	-5.11E-01
9.64E+00	-9.30E+01	1.86E+02	1.59E-02	-5.11E-01
9.66E+00	-9.30E+01	1.85E+02	-2.44E-03	-5.32E-01
9.68E+00	-9.30E+01	1.85E+02	-2.08E-02	-5.45E-01
9.70E+00	-9.30E+01	1.85E+02	-4.39E-02	-5.51E-01
9.72E+00	-9.30E+01	1.85E+02	0.00E+00	-5.64E-01
9.74E+00	-9.30E+01	1.85E+02	-1.71E-02	-5.69E-01
9.76E+00	-9.30E+01	1.85E+02	-2.44E-03	-5.61E-01
9.78E+00	-9.30E+01	1.85E+02	-1.22E-02	-5.75E-01
9.80E+00	-9.30E+01	1.85E+02	-5.00E-02	-5.84E-01
9.82E+00	-9.30E+01	1.85E+02	-2.20E-02	-5.93E-01
9.84E+00	-9.30E+01	1.85E+02	-3.17E-02	-6.08E-01
9.86E+00	-9.30E+01	1.85E+02	-8.54E-03	-6.10E-01
9.88E+00	-9.30E+01	1.85E+02	1.46E-02	-6.07E-01
9.90E+00	-9.30E+01	1.85E+02	4.88E-03	-6.10E-01
9.92E+00	-9.30E+01	1.85E+02	-8.54E-03	-6.19E-01
9.94E+00	-9.30E+01	1.85E+02	-2.44E-02	-6.26E-01
9.96E+00	-9.30E+01	1.84E+02	-1.22E-02	-6.46E-01
9.98E+00	-9.30E+01	1.84E+02	-2.32E-02	-6.51E-01
1.00E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.41E-01

1.00E+01	-9.30E+01	1.84E+02	-1.46E-02	-6.66E-01
1.00E+01	-9.30E+01	1.84E+02	6.10E-03	-6.73E-01
1.01E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.82E-01
1.01E+01	-9.30E+01	1.84E+02	-3.91E-02	-6.70E-01
1.01E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.85E-01
1.01E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.82E-01
1.01E+01	-9.30E+01	1.84E+02	-2.20E-02	-6.89E-01
1.02E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.89E-01
1.02E+01	-9.30E+01	1.84E+02	-1.59E-02	-7.06E-01
1.02E+01	-9.30E+01	1.83E+02	-2.56E-02	-7.18E-01
1.02E+01	-9.30E+01	1.83E+02	-4.52E-02	-7.20E-01
1.02E+01	-9.30E+01	1.84E+02	-3.42E-02	-7.24E-01
1.03E+01	-9.30E+01	1.84E+02	-2.20E-02	-7.50E-01
1.03E+01	-9.30E+01	1.83E+02	-3.17E-02	-7.52E-01
1.03E+01	-9.30E+01	1.83E+02	2.44E-03	-7.44E-01
1.03E+01	-9.30E+01	1.83E+02	-1.71E-02	-7.60E-01
1.03E+01	-9.30E+01	1.83E+02	-2.56E-02	-7.64E-01
1.04E+01	-9.30E+01	1.83E+02	-3.66E-02	-7.69E-01
1.04E+01	-9.30E+01	1.83E+02	-1.95E-02	-7.84E-01
1.04E+01	-9.30E+01	1.83E+02	-2.08E-02	-8.00E-01
1.04E+01	-9.30E+01	1.83E+02	-1.83E-02	-8.00E-01
1.04E+01	-9.30E+01	1.83E+02	-4.88E-03	-7.96E-01
1.05E+01	-9.30E+01	1.83E+02	-2.20E-02	-8.03E-01
1.05E+01	-9.30E+01	1.83E+02	-7.32E-03	-8.08E-01
1.05E+01	-9.30E+01	1.83E+02	-4.88E-03	-8.09E-01
1.05E+01	-9.30E+01	1.83E+02	-2.44E-03	-8.20E-01
1.05E+01	-9.30E+01	1.83E+02	-3.17E-02	-8.29E-01
1.06E+01	-9.30E+01	1.83E+02	-2.93E-02	-8.40E-01
1.06E+01	-9.30E+01	1.83E+02	-3.42E-02	-8.54E-01
1.06E+01	-9.30E+01	1.83E+02	-9.77E-03	-8.60E-01
1.06E+01	-9.30E+01	1.83E+02	2.44E-03	-8.52E-01
1.06E+01	-9.30E+01	1.83E+02	-1.95E-02	-8.62E-01
1.07E+01	-9.30E+01	1.83E+02	-1.71E-02	-8.71E-01
1.07E+01	-9.30E+01	1.83E+02	-2.20E-02	-8.80E-01
1.07E+01	-9.30E+01	1.82E+02	-2.32E-02	-8.82E-01
1.07E+01	-9.30E+01	1.83E+02	-2.44E-02	-8.88E-01
1.07E+01	-9.30E+01	1.82E+02	-7.32E-03	-8.98E-01
1.08E+01	-9.30E+01	1.83E+02	7.32E-03	-8.98E-01
1.08E+01	-9.30E+01	1.83E+02	2.44E-02	-8.97E-01
1.08E+01	-9.30E+01	1.83E+02	-9.77E-03	-9.08E-01
1.08E+01	-9.30E+01	1.83E+02	-1.10E-02	-9.35E-01
1.08E+01	-9.30E+01	1.83E+02	-3.66E-02	-9.27E-01
1.09E+01	-9.30E+01	1.83E+02	-3.17E-02	-9.42E-01
1.09E+01	-9.30E+01	1.82E+02	-4.15E-02	-9.36E-01
1.09E+01	-9.30E+01	1.82E+02	-2.69E-02	-9.60E-01
1.09E+01	-9.30E+01	1.83E+02	-2.20E-02	-9.59E-01
1.09E+01	-9.30E+01	1.83E+02	-3.66E-03	-9.65E-01

1.10E+01	-9.30E+01	1.83E+02	-1.10E-02	-9.69E-01
1.10E+01	-9.30E+01	1.83E+02	-1.71E-02	-9.58E-01
1.10E+01	-9.30E+01	1.83E+02	-2.44E-02	-9.73E-01
1.10E+01	-9.30E+01	1.83E+02	-2.20E-02	-9.82E-01
1.10E+01	-9.30E+01	1.83E+02	-1.46E-02	-1.00E+00
1.11E+01	-9.30E+01	1.83E+02	-2.93E-02	-1.01E+00
1.11E+01	-9.30E+01	1.83E+02	2.44E-03	-1.00E+00
1.11E+01	-9.30E+01	1.83E+02	-7.32E-03	-1.01E+00
1.11E+01	-9.30E+01	1.83E+02	-6.10E-03	-1.01E+00
1.11E+01	-9.30E+01	1.83E+02	-1.46E-02	-1.02E+00
1.12E+01	-9.30E+01	1.83E+02	-2.20E-02	-1.04E+00
1.12E+01	-9.30E+01	1.83E+02	-2.69E-02	-1.04E+00
1.12E+01	-9.30E+01	1.83E+02	-4.15E-02	-1.06E+00
1.12E+01	-9.30E+01	1.83E+02	-2.69E-02	-1.06E+00
1.12E+01	-9.30E+01	1.83E+02	-2.93E-02	-1.08E+00
1.13E+01	-9.30E+01	1.83E+02	-2.93E-02	-1.09E+00
1.13E+01	-9.30E+01	1.83E+02	0.00E+00	-1.08E+00
1.13E+01	-9.30E+01	1.83E+02	-4.88E-03	-1.09E+00
1.13E+01	-9.30E+01	1.83E+02	-9.77E-03	-1.09E+00
1.13E+01	-9.30E+01	1.83E+02	-2.44E-03	-1.09E+00
1.14E+01	-9.30E+01	1.83E+02	-8.54E-03	-1.09E+00
1.14E+01	-9.30E+01	1.83E+02	0.00E+00	-1.11E+00
1.14E+01	-9.30E+01	1.83E+02	-2.69E-02	-1.11E+00
1.14E+01	-9.30E+01	1.83E+02	-3.42E-02	-1.12E+00
1.14E+01	-9.30E+01	1.83E+02	-4.03E-02	-1.14E+00
1.15E+01	-9.30E+01	1.83E+02	-2.93E-02	-1.14E+00
1.15E+01	-9.30E+01	1.83E+02	-2.32E-02	-1.15E+00
1.15E+01	-9.30E+01	1.83E+02	-3.66E-03	-1.16E+00
1.15E+01	-9.30E+01	1.83E+02	-1.10E-02	-1.15E+00
1.15E+01	-9.30E+01	1.83E+02	8.54E-03	-1.16E+00
1.16E+01	-9.30E+01	1.83E+02	-9.77E-03	-1.16E+00
1.16E+01	-9.30E+01	1.83E+02	-1.10E-02	-1.18E+00
1.16E+01	-9.30E+01	1.83E+02	-3.66E-02	-1.19E+00
1.16E+01	-9.30E+01	1.82E+02	-2.20E-02	-1.20E+00
1.16E+01	-9.30E+01	1.83E+02	-4.27E-02	-1.20E+00
1.17E+01	-9.30E+01	1.83E+02	-1.71E-02	-1.21E+00
1.17E+01	-9.30E+01	1.83E+02	-4.88E-03	-1.21E+00
1.17E+01	-9.30E+01	1.83E+02	2.44E-03	-1.22E+00
1.17E+01	-9.30E+01	1.83E+02	0.00E+00	-1.23E+00
1.17E+01	-9.30E+01	1.83E+02	-1.46E-02	-1.22E+00
1.18E+01	-9.30E+01	1.83E+02	-5.86E-02	-1.23E+00
1.18E+01	-9.30E+01	1.83E+02	-2.69E-02	-1.25E+00
1.18E+01	-9.30E+01	1.83E+02	-3.42E-02	-1.26E+00
1.18E+01	-9.30E+01	1.83E+02	-2.20E-02	-1.26E+00
1.18E+01	-9.30E+01	1.83E+02	-2.44E-03	-1.27E+00
1.19E+01	-9.30E+01	1.83E+02	-9.77E-03	-1.27E+00
1.19E+01	-9.30E+01	1.83E+02	-1.83E-02	-1.28E+00

1.19E+01	-9.30E+01	1.83E+02	-2.69E-02	-1.29E+00
1.19E+01	-9.30E+01	1.83E+02	-4.76E-02	-1.30E+00
1.19E+01	-9.30E+01	1.83E+02	-2.93E-02	-1.30E+00
1.20E+01	-9.30E+01	1.83E+02	-3.42E-02	-1.31E+00
1.20E+01	-9.30E+01	1.83E+02	-2.69E-02	-1.32E+00
1.20E+01	-9.30E+01	1.83E+02	-3.42E-02	-1.32E+00
1.20E+01	-9.30E+01	1.83E+02	-1.22E-03	-1.32E+00
1.20E+01	-9.30E+01	1.83E+02	-7.32E-03	-1.34E+00
1.21E+01	-9.30E+01	1.83E+02	-7.32E-03	-1.33E+00
1.21E+01	-9.30E+01	1.84E+02	2.44E-03	-1.34E+00
1.21E+01	-9.30E+01	1.83E+02	-2.93E-02	-1.35E+00
1.21E+01	-9.30E+01	1.84E+02	-4.27E-02	-1.36E+00
1.21E+01	-9.30E+01	1.83E+02	-1.71E-02	-1.37E+00
1.22E+01	-9.30E+01	1.84E+02	-1.10E-02	-1.39E+00
1.22E+01	-9.30E+01	1.84E+02	-4.88E-03	-1.39E+00
1.22E+01	-9.30E+01	1.84E+02	-4.88E-03	-1.38E+00
1.22E+01	-9.30E+01	1.84E+02	-2.44E-03	-1.39E+00
1.22E+01	-9.30E+01	1.84E+02	3.66E-03	-1.40E+00
1.23E+01	-9.30E+01	1.84E+02	-2.81E-02	-1.40E+00
1.23E+01	-9.30E+01	1.84E+02	-2.44E-02	-1.42E+00
1.23E+01	-9.30E+01	1.84E+02	-3.91E-02	-1.42E+00
1.23E+01	-9.30E+01	1.84E+02	-5.86E-02	-1.43E+00
1.23E+01	-9.30E+01	1.83E+02	-2.81E-02	-1.43E+00
1.24E+01	-9.30E+01	1.84E+02	-1.95E-02	-1.45E+00
1.24E+01	-9.30E+01	1.84E+02	-2.32E-02	-1.46E+00
1.24E+01	-9.30E+01	1.84E+02	-3.42E-02	-1.47E+00
1.24E+01	-9.30E+01	1.84E+02	-1.22E-02	-1.47E+00
1.24E+01	-9.30E+01	1.84E+02	-1.22E-02	-1.47E+00
1.25E+01	-9.30E+01	1.84E+02	9.77E-03	-1.48E+00
1.25E+01	-9.30E+01	1.84E+02	0.00E+00	-1.48E+00
1.25E+01	-9.30E+01	1.84E+02	-1.46E-02	-1.48E+00
1.25E+01	-9.30E+01	1.84E+02	-1.22E-02	-1.49E+00
1.25E+01	-9.30E+01	1.84E+02	-2.32E-02	-1.50E+00
1.26E+01	-9.30E+01	1.84E+02	-4.39E-02	-1.50E+00
1.26E+01	-9.30E+01	1.84E+02	-2.69E-02	-1.52E+00
1.26E+01	-9.30E+01	1.84E+02	-2.69E-02	-1.54E+00
1.26E+01	-9.30E+01	1.84E+02	-7.32E-03	-1.54E+00
1.26E+01	-9.30E+01	1.84E+02	-7.32E-03	-1.54E+00
1.27E+01	-9.30E+01	1.84E+02	-6.10E-03	-1.54E+00
1.27E+01	-9.30E+01	1.84E+02	4.88E-03	-1.55E+00
1.27E+01	-9.30E+01	1.84E+02	-1.34E-02	-1.55E+00
1.27E+01	-9.30E+01	1.84E+02	-1.34E-02	-1.56E+00
1.27E+01	-9.30E+01	1.84E+02	-2.93E-02	-1.57E+00
1.28E+01	-9.30E+01	1.84E+02	-3.66E-02	-1.58E+00
1.28E+01	-9.30E+01	1.84E+02	-3.42E-02	-1.60E+00
1.28E+01	-9.30E+01	1.84E+02	-2.69E-02	-1.60E+00
1.28E+01	-9.30E+01	1.83E+02	-2.44E-02	-1.61E+00

1.28E+01	-9.30E+01	1.84E+02	-2.81E-02	-1.61E+00
1.29E+01	-9.30E+01	1.84E+02	-7.32E-03	-1.62E+00
1.29E+01	-9.30E+01	1.84E+02	1.22E-03	-1.63E+00
1.29E+01	-9.30E+01	1.84E+02	-1.71E-02	-1.63E+00
1.29E+01	-9.30E+01	1.84E+02	-1.22E-02	-1.63E+00
1.29E+01	-9.30E+01	1.84E+02	0.00E+00	-1.64E+00
1.30E+01	-9.30E+01	1.84E+02	-1.71E-02	-1.64E+00
1.30E+01	-9.30E+01	1.84E+02	-3.54E-02	-1.65E+00
1.30E+01	-9.30E+01	1.84E+02	-3.91E-02	-1.66E+00
1.30E+01	-9.30E+01	1.84E+02	-1.95E-02	-1.68E+00
1.30E+01	-9.30E+01	1.84E+02	-1.34E-02	-1.67E+00
1.31E+01	-9.30E+01	1.84E+02	-4.88E-03	-1.67E+00
1.31E+01	-9.30E+01	1.84E+02	-1.10E-02	-1.68E+00
1.31E+01	-9.30E+01	1.84E+02	-2.44E-02	-1.68E+00
1.31E+01	-9.30E+01	1.84E+02	-3.17E-02	-1.69E+00
1.31E+01	-9.30E+01	1.84E+02	-1.46E-02	-1.70E+00
1.32E+01	-9.30E+01	1.84E+02	-3.66E-02	-1.72E+00
1.32E+01	-9.30E+01	1.84E+02	-7.32E-03	-1.73E+00
1.32E+01	-9.30E+01	1.84E+02	-2.93E-02	-1.73E+00
1.32E+01	-9.30E+01	1.83E+02	-2.32E-02	-1.75E+00
1.32E+01	-9.30E+01	1.83E+02	-1.10E-02	-1.74E+00
1.33E+01	-9.30E+01	1.84E+02	-2.44E-03	-1.74E+00
1.33E+01	-9.30E+01	1.83E+02	-2.44E-03	-1.75E+00
1.33E+01	-9.30E+01	1.83E+02	2.44E-03	-1.76E+00
1.33E+01	-9.30E+01	1.83E+02	-4.88E-03	-1.76E+00
1.33E+01	-9.30E+01	1.83E+02	0.00E+00	-1.77E+00
1.34E+01	-9.30E+01	1.84E+02	-2.20E-02	-1.78E+00
1.34E+01	-9.30E+01	1.83E+02	-3.42E-02	-1.79E+00
1.34E+01	-9.30E+01	1.83E+02	-3.78E-02	-1.80E+00
1.34E+01	-9.30E+01	1.83E+02	-1.83E-02	-1.81E+00
1.34E+01	-9.30E+01	1.83E+02	-1.71E-02	-1.82E+00
1.35E+01	-9.30E+01	1.83E+02	-2.20E-02	-1.82E+00
1.35E+01	-9.30E+01	1.83E+02	-7.32E-03	-1.81E+00
1.35E+01	-9.30E+01	1.83E+02	-8.54E-03	-1.83E+00
1.35E+01	-9.30E+01	1.83E+02	-2.44E-03	-1.83E+00
1.35E+01	-9.30E+01	1.83E+02	-1.95E-02	-1.83E+00
1.36E+01	-9.30E+01	1.83E+02	-2.93E-02	-1.85E+00
1.36E+01	-9.30E+01	1.83E+02	-3.30E-02	-1.86E+00
1.36E+01	-9.30E+01	1.83E+02	-4.88E-02	-1.86E+00
1.36E+01	-9.30E+01	1.83E+02	-1.71E-02	-1.88E+00
1.36E+01	-9.30E+01	1.83E+02	-1.46E-02	-1.88E+00
1.37E+01	-9.30E+01	1.83E+02	-2.44E-02	-1.88E+00
1.37E+01	-9.30E+01	1.83E+02	2.44E-03	-1.89E+00
1.37E+01	-9.30E+01	1.83E+02	-1.22E-03	-1.89E+00
1.37E+01	-9.30E+01	1.83E+02	-3.42E-02	-1.90E+00
1.37E+01	-9.30E+01	1.83E+02	-2.81E-02	-1.91E+00
1.38E+01	-9.30E+01	1.82E+02	-2.32E-02	-1.92E+00

1.38E+01	-9.30E+01	1.83E+02	-4.39E-02	-1.92E+00
1.38E+01	-9.30E+01	1.83E+02	-3.17E-02	-1.94E+00
1.38E+01	-9.30E+01	1.82E+02	6.10E-03	-1.94E+00
1.38E+01	-9.30E+01	1.82E+02	2.44E-03	-1.95E+00
1.39E+01	-9.30E+01	1.83E+02	-7.32E-03	-1.95E+00
1.39E+01	-9.30E+01	1.83E+02	-1.95E-02	-1.96E+00
1.39E+01	-9.30E+01	1.83E+02	-1.22E-02	-1.96E+00
1.39E+01	-9.30E+01	1.83E+02	-3.66E-02	-1.97E+00
1.39E+01	-9.30E+01	1.83E+02	-3.05E-02	-1.98E+00
1.40E+01	-9.30E+01	1.83E+02	-9.77E-03	-1.99E+00
1.40E+01	-9.30E+01	1.83E+02	-9.77E-03	-1.99E+00
1.40E+01	-9.30E+01	1.83E+02	-7.32E-03	-2.00E+00
1.40E+01	-9.30E+01	1.83E+02	-4.88E-03	-2.00E+00
1.40E+01	-9.30E+01	1.83E+02	-3.66E-02	-2.00E+00
1.41E+01	-9.30E+01	1.83E+02	-2.20E-02	-2.03E+00
1.41E+01	-9.30E+01	1.82E+02	-1.59E-02	-2.03E+00
1.41E+01	-9.30E+01	1.83E+02	4.88E-03	-2.03E+00
1.41E+01	-9.30E+01	1.83E+02	-2.44E-03	-2.04E+00
1.41E+01	-9.30E+01	1.83E+02	-1.71E-02	-2.05E+00
1.42E+01	-9.30E+01	1.83E+02	-3.91E-02	-2.04E+00
1.42E+01	-9.30E+01	1.83E+02	-2.44E-02	-2.06E+00
1.42E+01	-9.30E+01	1.83E+02	-2.93E-02	-2.08E+00
1.42E+01	-9.30E+01	1.83E+02	-3.42E-02	-2.08E+00
1.42E+01	-9.30E+01	1.83E+02	0.00E+00	-2.08E+00
1.43E+01	-9.30E+01	1.83E+02	0.00E+00	-2.10E+00
1.43E+01	-9.30E+01	1.83E+02	-4.88E-03	-2.09E+00
1.43E+01	-9.30E+01	1.83E+02	-1.22E-02	-2.10E+00
1.43E+01	-9.30E+01	1.83E+02	-2.44E-03	-2.11E+00
1.43E+01	-9.30E+01	1.83E+02	-2.93E-02	-2.11E+00
1.44E+01	-9.30E+01	1.83E+02	-1.71E-02	-2.14E+00
1.44E+01	-9.30E+01	1.83E+02	2.44E-03	-2.13E+00
1.44E+01	-9.30E+01	1.83E+02	-9.77E-03	-2.13E+00
1.44E+01	-9.30E+01	1.84E+02	-9.77E-03	-2.13E+00
1.44E+01	-9.30E+01	1.83E+02	1.10E-02	-2.15E+00
1.45E+01	-9.30E+01	1.84E+02	-3.66E-02	-2.16E+00
1.45E+01	-9.30E+01	1.84E+02	-8.54E-03	-2.17E+00
1.45E+01	-9.30E+01	1.84E+02	-2.32E-02	-2.17E+00
1.45E+01	-9.30E+01	1.84E+02	-7.32E-03	-2.17E+00
1.45E+01	-9.30E+01	1.84E+02	3.66E-03	-2.18E+00
1.46E+01	-9.30E+01	1.84E+02	-8.54E-03	-2.18E+00
1.46E+01	-9.30E+01	1.84E+02	-3.42E-02	-2.19E+00
1.46E+01	-9.30E+01	1.84E+02	-3.66E-02	-2.20E+00
1.46E+01	-9.30E+01	1.84E+02	-1.83E-02	-2.21E+00
1.46E+01	-9.30E+01	1.84E+02	0.00E+00	-2.20E+00
1.47E+01	-9.30E+01	1.84E+02	-2.44E-02	-2.22E+00
1.47E+01	-9.30E+01	1.84E+02	-3.42E-02	-2.23E+00
1.47E+01	-9.30E+01	1.84E+02	-2.20E-02	-2.23E+00

1.47E+01	-9.30E+01	1.84E+02	-1.46E-02	-2.25E+00
1.47E+01	-9.30E+01	1.84E+02	-9.77E-03	-2.26E+00
1.48E+01	-9.30E+01	1.84E+02	2.44E-03	-2.25E+00
1.48E+01	-9.30E+01	1.84E+02	4.88E-03	-2.26E+00
1.48E+01	-9.30E+01	1.85E+02	-2.32E-02	-2.25E+00
1.48E+01	-9.30E+01	1.85E+02	-1.71E-02	-2.27E+00
1.48E+01	-9.30E+01	1.85E+02	-2.69E-02	-2.29E+00
1.49E+01	-9.30E+01	1.85E+02	-3.17E-02	-2.30E+00
1.49E+01	-9.30E+01	1.85E+02	-1.71E-02	-2.30E+00
1.49E+01	-9.30E+01	1.85E+02	7.32E-03	-2.31E+00
1.49E+01	-9.30E+01	1.85E+02	-1.22E-02	-2.30E+00
1.49E+01	-9.30E+01	1.85E+02	-4.88E-03	-2.31E+00
1.50E+01	-9.30E+01	1.85E+02	-7.32E-03	-2.32E+00
1.50E+01	-9.30E+01	1.85E+02	-1.71E-02	-2.32E+00
1.50E+01	-9.30E+01	1.85E+02	-3.78E-02	-2.33E+00
1.50E+01	-9.30E+01	1.85E+02	-2.93E-02	-2.35E+00
1.50E+01	-9.30E+01	1.85E+02	-9.77E-03	-2.36E+00
1.51E+01	-9.30E+01	1.85E+02	-7.32E-03	-2.36E+00
1.51E+01	-9.30E+01	1.85E+02	2.44E-03	-2.36E+00
1.51E+01	-9.30E+01	1.85E+02	2.08E-02	-2.37E+00
1.51E+01	-9.30E+01	1.85E+02	-3.17E-02	-2.37E+00
1.51E+01	-9.30E+01	1.85E+02	-3.66E-02	-2.40E+00
1.52E+01	-9.30E+01	1.85E+02	-2.93E-02	-2.40E+00
1.52E+01	-9.30E+01	1.85E+02	-2.20E-02	-2.41E+00
1.52E+01	-9.30E+01	1.85E+02	4.88E-03	-2.41E+00
1.52E+01	-9.30E+01	1.85E+02	-2.08E-02	-2.41E+00
1.52E+01	-9.30E+01	1.85E+02	-2.69E-02	-2.42E+00
1.53E+01	-9.30E+01	1.85E+02	-3.17E-02	-2.43E+00
1.53E+01	-9.30E+01	1.84E+02	-2.69E-02	-2.44E+00
1.53E+01	-9.30E+01	1.85E+02	-9.77E-03	-2.45E+00
1.53E+01	-9.30E+01	1.85E+02	0.00E+00	-2.44E+00
1.53E+01	-9.30E+01	1.85E+02	-2.69E-02	-2.45E+00
1.54E+01	-9.30E+01	1.85E+02	-1.22E-02	-2.46E+00
1.54E+01	-9.30E+01	1.85E+02	-2.69E-02	-2.46E+00
1.54E+01	-9.30E+01	1.85E+02	-1.83E-02	-2.48E+00
1.54E+01	-9.30E+01	1.85E+02	-2.81E-02	-2.48E+00
1.54E+01	-9.30E+01	1.85E+02	-2.69E-02	-2.49E+00
1.55E+01	-9.30E+01	1.85E+02	-1.59E-02	-2.50E+00
1.55E+01	-9.30E+01	1.84E+02	2.44E-03	-2.50E+00
1.55E+01	-9.30E+01	1.85E+02	0.00E+00	-2.50E+00
1.55E+01	-9.30E+01	1.85E+02	-1.22E-03	-2.51E+00
1.55E+01	-9.30E+01	1.85E+02	-4.88E-03	-2.52E+00
1.56E+01	-9.30E+01	1.84E+02	-4.39E-02	-2.52E+00
1.56E+01	-9.30E+01	1.85E+02	-2.32E-02	-2.55E+00
1.56E+01	-9.30E+01	1.85E+02	-3.66E-03	-2.56E+00
1.56E+01	-9.30E+01	1.84E+02	-2.44E-03	-2.55E+00
1.56E+01	-9.30E+01	1.85E+02	-1.22E-02	-2.54E+00

1.57E+01	-9.30E+01	1.85E+02	-3.91E-02	-2.56E+00
1.57E+01	-9.30E+01	1.84E+02	-3.05E-02	-2.58E+00
1.57E+01	-9.30E+01	1.84E+02	-7.32E-03	-2.58E+00
1.57E+01	-9.30E+01	1.84E+02	-4.88E-03	-2.58E+00
1.57E+01	-9.30E+01	1.84E+02	-7.32E-03	-2.59E+00
1.58E+01	-9.30E+01	1.85E+02	-2.32E-02	-2.59E+00
1.58E+01	-9.30E+01	1.84E+02	-2.93E-02	-2.60E+00
1.58E+01	-9.30E+01	1.84E+02	-2.32E-02	-2.62E+00
1.58E+01	-9.30E+01	1.84E+02	-1.95E-02	-2.61E+00
1.58E+01	-9.30E+01	1.84E+02	-1.22E-02	-2.62E+00
1.59E+01	-9.30E+01	1.84E+02	-3.17E-02	-2.63E+00
1.59E+01	-9.30E+01	1.84E+02	-3.66E-02	-2.64E+00
1.59E+01	-9.30E+01	1.84E+02	-1.71E-02	-2.66E+00
1.59E+01	-9.30E+01	1.84E+02	-1.22E-02	-2.66E+00
1.59E+01	-9.30E+01	1.84E+02	-1.71E-02	-2.65E+00
1.60E+01	-9.30E+01	1.84E+02	-3.66E-03	-2.67E+00
1.60E+01	-9.30E+01	1.84E+02	-1.46E-02	-2.66E+00
1.60E+01	-9.30E+01	1.84E+02	-2.20E-02	-2.67E+00
1.60E+01	-9.30E+01	1.84E+02	-2.32E-02	-2.68E+00
1.60E+01	-9.30E+01	1.84E+02	-1.95E-02	-2.70E+00
1.61E+01	-9.30E+01	1.84E+02	-2.56E-02	-2.70E+00
1.61E+01	-9.30E+01	1.84E+02	-2.44E-03	-2.70E+00
1.61E+01	-9.30E+01	1.84E+02	4.88E-03	-2.70E+00
1.61E+01	-9.30E+01	1.84E+02	-7.32E-03	-2.71E+00
1.61E+01	-9.30E+01	1.84E+02	-2.20E-02	-2.72E+00
1.62E+01	-9.30E+01	1.84E+02	-1.46E-02	-2.72E+00
1.62E+01	-9.30E+01	1.84E+02	-3.66E-02	-2.73E+00
1.62E+01	-9.30E+01	1.83E+02	-2.93E-02	-2.75E+00
1.62E+01	-9.30E+01	1.83E+02	-2.44E-02	-2.76E+00
1.62E+01	-9.30E+01	1.83E+02	-1.22E-02	-2.77E+00
1.63E+01	-9.30E+01	1.83E+02	4.88E-03	-2.76E+00
1.63E+01	-9.30E+01	1.84E+02	-1.46E-02	-2.77E+00
1.63E+01	-9.30E+01	1.83E+02	-3.66E-02	-2.78E+00
1.63E+01	-9.30E+01	1.83E+02	-2.20E-02	-2.79E+00
1.63E+01	-9.30E+01	1.83E+02	-1.46E-02	-2.80E+00
1.64E+01	-9.30E+01	1.83E+02	-2.44E-02	-2.81E+00
1.64E+01	-9.30E+01	1.83E+02	-7.32E-03	-2.81E+00
1.64E+01	-9.30E+01	1.83E+02	4.88E-03	-2.82E+00
1.64E+01	-9.30E+01	1.83E+02	-2.20E-02	-2.81E+00
1.64E+01	-9.30E+01	1.83E+02	-2.69E-02	-2.82E+00
1.65E+01	-9.30E+01	1.83E+02	-2.44E-02	-2.84E+00
1.65E+01	-9.30E+01	1.83E+02	-4.15E-02	-2.85E+00
1.65E+01	-9.30E+01	1.83E+02	-1.95E-02	-2.85E+00
1.65E+01	-9.30E+01	1.83E+02	2.44E-03	-2.86E+00
1.65E+01	-9.30E+01	1.83E+02	-1.71E-02	-2.85E+00
1.66E+01	-9.30E+01	1.83E+02	-1.95E-02	-2.86E+00
1.66E+01	-9.30E+01	1.82E+02	-1.95E-02	-2.87E+00

1.66E+01	-9.30E+01	1.83E+02	-3.42E-02	-2.89E+00
1.66E+01	-9.30E+01	1.83E+02	-1.46E-02	-2.89E+00
1.66E+01	-9.30E+01	1.82E+02	7.32E-03	-2.88E+00
1.67E+01	-9.30E+01	1.82E+02	-1.71E-02	-2.89E+00
1.67E+01	-9.30E+01	1.82E+02	-1.95E-02	-2.91E+00
1.67E+01	-9.30E+01	1.82E+02	-3.17E-02	-2.93E+00
1.67E+01	-9.30E+01	1.82E+02	-2.20E-02	-2.93E+00
1.67E+01	-9.30E+01	1.82E+02	-1.22E-02	-2.95E+00
1.68E+01	-9.30E+01	1.82E+02	4.88E-03	-2.94E+00
1.68E+01	-9.30E+01	1.82E+02	-4.88E-03	-2.93E+00
1.68E+01	-9.30E+01	1.82E+02	-1.22E-02	-2.94E+00
1.68E+01	-9.30E+01	1.82E+02	-2.20E-02	-2.95E+00
1.68E+01	-9.30E+01	1.82E+02	-3.91E-02	-2.97E+00
1.69E+01	-9.30E+01	1.82E+02	-7.32E-03	-2.98E+00
1.69E+01	-9.30E+01	1.82E+02	-4.39E-02	-2.98E+00
1.69E+01	-9.30E+01	1.82E+02	-6.10E-03	-2.98E+00
1.69E+01	-9.30E+01	1.82E+02	-4.88E-03	-2.99E+00
1.69E+01	-9.30E+01	1.82E+02	-1.34E-02	-2.99E+00
1.70E+01	-9.30E+01	1.82E+02	-2.69E-02	-3.00E+00
1.70E+01	-9.30E+01	1.82E+02	2.44E-03	-3.02E+00
1.70E+01	-9.30E+01	1.82E+02	-3.66E-02	-3.02E+00
1.70E+01	-9.30E+01	1.81E+02	-2.69E-02	-3.05E+00
1.70E+01	-9.30E+01	1.82E+02	-2.81E-02	-3.03E+00
1.71E+01	-9.30E+01	1.81E+02	0.00E+00	-3.04E+00
1.71E+01	-9.30E+01	1.81E+02	-4.88E-03	-3.05E+00
1.71E+01	-9.30E+01	1.82E+02	-2.20E-02	-3.05E+00
1.71E+01	-9.30E+01	1.82E+02	-2.44E-03	-3.05E+00
1.71E+01	-9.30E+01	1.81E+02	-1.46E-02	-3.07E+00
1.72E+01	-9.30E+01	1.82E+02	-1.46E-02	-3.07E+00
1.72E+01	-9.30E+01	1.81E+02	-2.81E-02	-3.07E+00
1.72E+01	-9.30E+01	1.81E+02	-2.93E-02	-3.09E+00
1.72E+01	-9.30E+01	1.81E+02	7.32E-03	-3.10E+00
1.72E+01	-9.30E+01	1.81E+02	0.00E+00	-3.09E+00
1.73E+01	-9.30E+01	1.81E+02	3.17E-02	-3.11E+00
1.73E+01	-9.30E+01	1.81E+02	-3.66E-02	-3.11E+00
1.73E+01	-9.30E+01	1.81E+02	-2.69E-02	-3.12E+00
1.73E+01	-9.30E+01	1.81E+02	-1.71E-02	-3.14E+00
1.73E+01	-9.30E+01	1.81E+02	-1.59E-02	-3.14E+00
1.74E+01	-9.30E+01	1.81E+02	-2.44E-03	-3.15E+00
1.74E+01	-9.30E+01	1.81E+02	-2.93E-02	-3.14E+00
1.74E+01	-9.30E+01	1.81E+02	2.44E-03	-3.15E+00
1.74E+01	-9.30E+01	1.82E+02	-2.44E-03	-3.16E+00
1.74E+01	-9.30E+01	1.81E+02	-2.44E-02	-3.17E+00
1.75E+01	-9.30E+01	1.81E+02	-3.78E-02	-3.17E+00
1.75E+01	-9.30E+01	1.81E+02	-3.42E-02	-3.18E+00
1.75E+01	-9.30E+01	1.82E+02	-6.10E-03	-3.19E+00
1.75E+01	-9.30E+01	1.81E+02	-2.44E-02	-3.21E+00

1.75E+01	-9.30E+01	1.81E+02	-2.69E-02	-3.22E+00
1.76E+01	-9.30E+01	1.81E+02	-1.10E-02	-3.21E+00
1.76E+01	-9.30E+01	1.81E+02	-2.44E-03	-3.24E+00
1.76E+01	-9.30E+01	1.81E+02	-9.77E-03	-3.23E+00
1.76E+01	-9.30E+01	1.81E+02	-1.46E-02	-3.23E+00
1.76E+01	-9.30E+01	1.82E+02	-1.46E-02	-3.23E+00
1.77E+01	-9.30E+01	1.82E+02	-1.46E-02	-3.25E+00
1.77E+01	-9.30E+01	1.81E+02	-3.91E-02	-3.25E+00
1.77E+01	-9.30E+01	1.81E+02	-1.22E-02	-3.26E+00
1.77E+01	-9.30E+01	1.81E+02	-1.83E-02	-3.27E+00
1.77E+01	-9.30E+01	1.81E+02	-1.22E-02	-3.28E+00
1.78E+01	-9.30E+01	1.81E+02	3.66E-03	-3.27E+00
1.78E+01	-9.30E+01	1.82E+02	0.00E+00	-3.28E+00
1.78E+01	-9.30E+01	1.81E+02	-3.42E-02	-3.30E+00
1.78E+01	-9.30E+01	1.81E+02	-3.66E-02	-3.30E+00
1.78E+01	-9.30E+01	1.82E+02	-2.44E-02	-3.31E+00
1.79E+01	-9.30E+01	1.81E+02	-2.20E-02	-3.33E+00
1.79E+01	-9.30E+01	1.81E+02	-1.46E-02	-3.32E+00
1.79E+01	-9.30E+01	1.81E+02	-2.44E-03	-3.33E+00
1.79E+01	-9.30E+01	1.82E+02	2.44E-03	-3.34E+00
1.79E+01	-9.30E+01	1.82E+02	1.46E-02	-3.34E+00
1.80E+01	-9.30E+01	1.82E+02	-7.32E-03	-3.33E+00
1.80E+01	-9.30E+01	1.82E+02	-2.44E-02	-3.35E+00
1.80E+01	-9.30E+01	1.82E+02	-2.93E-02	-3.36E+00
1.80E+01	-9.30E+01	1.82E+02	-3.66E-02	-3.36E+00
1.80E+01	-9.30E+01	1.82E+02	-1.59E-02	-3.38E+00
1.81E+01	-9.30E+01	1.82E+02	-7.32E-03	-3.39E+00
1.81E+01	-9.30E+01	1.82E+02	-4.88E-03	-3.39E+00
1.81E+01	-9.30E+01	1.82E+02	-1.95E-02	-3.41E+00
1.81E+01	-9.30E+01	1.82E+02	-1.22E-02	-3.40E+00
1.81E+01	-9.30E+01	1.82E+02	-2.20E-02	-3.39E+00
1.82E+01	-9.30E+01	1.82E+02	-2.69E-02	-3.41E+00
1.82E+01	-9.30E+01	1.82E+02	-3.30E-02	-3.43E+00
1.82E+01	-9.30E+01	1.82E+02	-3.30E-02	-3.43E+00
1.82E+01	-9.30E+01	1.82E+02	-9.77E-03	-3.44E+00
1.82E+01	-9.30E+01	1.82E+02	4.88E-03	-3.45E+00
1.83E+01	-9.30E+01	1.82E+02	-1.46E-02	-3.45E+00
1.83E+01	-9.30E+01	1.82E+02	-2.44E-02	-3.45E+00
1.83E+01	-9.30E+01	1.82E+02	-2.32E-02	-3.46E+00
1.83E+01	-9.30E+01	1.82E+02	-2.69E-02	-3.47E+00
1.83E+01	-9.30E+01	1.82E+02	-5.13E-02	-3.48E+00
1.84E+01	-9.30E+01	1.82E+02	-1.59E-02	-3.49E+00
1.84E+01	-9.30E+01	1.82E+02	1.34E-02	-3.50E+00
1.84E+01	-9.30E+01	1.82E+02	-1.10E-02	-3.49E+00
1.84E+01	-9.30E+01	1.82E+02	-1.22E-03	-3.49E+00
1.84E+01	-9.30E+01	1.82E+02	-2.44E-03	-3.51E+00
1.85E+01	-9.30E+01	1.82E+02	-1.22E-02	-3.51E+00

1.85E+01	-9.30E+01	1.82E+02	-2.69E-02	-3.53E+00
1.85E+01	-9.30E+01	1.82E+02	-2.20E-02	-3.54E+00
1.85E+01	-9.30E+01	1.82E+02	-3.42E-02	-3.54E+00
1.85E+01	-9.30E+01	1.82E+02	-1.46E-02	-3.55E+00
1.86E+01	-9.30E+01	1.82E+02	-1.22E-02	-3.55E+00
1.86E+01	-9.30E+01	1.82E+02	-9.77E-03	-3.56E+00
1.86E+01	-9.30E+01	1.82E+02	-2.44E-03	-3.55E+00
1.86E+01	-9.30E+01	1.82E+02	-2.44E-03	-3.57E+00
1.86E+01	-9.30E+01	1.82E+02	-3.17E-02	-3.58E+00
1.87E+01	-9.30E+01	1.82E+02	-4.88E-02	-3.59E+00
1.87E+01	-9.30E+01	1.82E+02	-7.32E-03	-3.60E+00
1.87E+01	-9.30E+01	1.82E+02	-2.20E-02	-3.60E+00
1.87E+01	-9.30E+01	1.82E+02	1.22E-02	-3.61E+00
1.87E+01	-9.30E+01	1.82E+02	-3.66E-03	-3.61E+00
1.88E+01	-9.30E+01	1.82E+02	-9.77E-03	-3.60E+00
1.88E+01	-9.30E+01	1.82E+02	-1.46E-02	-3.62E+00
1.88E+01	-9.30E+01	1.82E+02	-1.71E-02	-3.64E+00
1.88E+01	-9.30E+01	1.82E+02	-3.05E-02	-3.65E+00
1.88E+01	-9.30E+01	1.82E+02	-1.83E-02	-3.66E+00
1.89E+01	-9.30E+01	1.82E+02	-4.88E-03	-3.66E+00
1.89E+01	-9.30E+01	1.81E+02	1.10E-02	-3.67E+00
1.89E+01	-9.30E+01	1.81E+02	-2.32E-02	-3.66E+00
1.89E+01	-9.30E+01	1.82E+02	-8.54E-03	-3.66E+00
1.89E+01	-9.30E+01	1.82E+02	-2.44E-02	-3.68E+00
1.90E+01	-9.30E+01	1.82E+02	-4.64E-02	-3.69E+00
1.90E+01	-9.30E+01	1.82E+02	-3.17E-02	-3.70E+00
1.90E+01	-9.30E+01	1.81E+02	2.44E-03	-3.71E+00
1.90E+01	-9.30E+01	1.81E+02	-1.46E-02	-3.72E+00
1.90E+01	-9.30E+01	1.81E+02	-1.34E-02	-3.71E+00
1.91E+01	-9.30E+01	1.81E+02	-7.32E-03	-3.72E+00
1.91E+01	-9.30E+01	1.81E+02	0.00E+00	-3.73E+00
1.91E+01	-9.30E+01	1.81E+02	-1.46E-02	-3.74E+00
1.91E+01	-9.30E+01	1.82E+02	-1.71E-02	-3.74E+00
1.91E+01	-9.30E+01	1.81E+02	-3.17E-02	-3.75E+00
1.92E+01	-9.30E+01	1.81E+02	-3.30E-02	-3.75E+00
1.92E+01	-9.30E+01	1.81E+02	-2.32E-02	-3.78E+00
1.92E+01	-9.30E+01	1.81E+02	-4.88E-03	-3.78E+00
1.92E+01	-9.30E+01	1.81E+02	-2.44E-03	-3.79E+00
1.92E+01	-9.30E+01	1.81E+02	-7.32E-03	-3.78E+00
1.93E+01	-9.30E+01	1.81E+02	0.00E+00	-3.78E+00
1.93E+01	-9.30E+01	1.82E+02	-4.88E-03	-3.79E+00
1.93E+01	-9.30E+01	1.82E+02	-1.46E-02	-3.80E+00
1.93E+01	-9.30E+01	1.81E+02	-1.22E-02	-3.81E+00
1.93E+01	-9.30E+01	1.82E+02	-5.13E-02	-3.80E+00
1.94E+01	-9.30E+01	1.81E+02	-3.05E-02	-3.83E+00
1.94E+01	-9.30E+01	1.81E+02	-3.42E-02	-3.85E+00
1.94E+01	-9.30E+01	1.81E+02	4.88E-03	-3.84E+00

1.94E+01	-9.30E+01	1.82E+02	-6.10E-03	-3.85E+00
1.94E+01	-9.30E+01	1.82E+02	-1.22E-02	-3.85E+00
1.95E+01	-9.30E+01	1.82E+02	-2.44E-02	-3.86E+00
1.95E+01	-9.30E+01	1.81E+02	-2.20E-02	-3.86E+00
1.95E+01	-9.30E+01	1.82E+02	-2.20E-02	-3.86E+00
1.95E+01	-9.30E+01	1.81E+02	4.88E-03	-3.88E+00
1.95E+01	-9.30E+01	1.82E+02	-2.44E-02	-3.88E+00
1.96E+01	-9.30E+01	1.82E+02	-2.44E-02	-3.90E+00
1.96E+01	-9.30E+01	1.81E+02	-3.66E-02	-3.90E+00
1.96E+01	-9.30E+01	1.81E+02	-2.69E-02	-3.91E+00
1.96E+01	-9.30E+01	1.81E+02	3.66E-03	-3.92E+00
1.96E+01	-9.30E+01	1.81E+02	-6.10E-03	-3.93E+00
1.97E+01	-9.30E+01	1.82E+02	-8.54E-03	-3.93E+00
1.97E+01	-9.30E+01	1.82E+02	-1.34E-02	-3.93E+00
1.97E+01	-9.30E+01	1.82E+02	-4.88E-03	-3.94E+00
1.97E+01	-9.30E+01	1.82E+02	-3.91E-02	-3.95E+00
1.97E+01	-9.30E+01	1.82E+02	-3.17E-02	-3.95E+00
1.98E+01	-9.30E+01	1.82E+02	-2.69E-02	-3.97E+00
1.98E+01	-9.30E+01	1.82E+02	-2.93E-02	-3.98E+00
1.98E+01	-9.30E+01	1.82E+02	-3.42E-02	-3.98E+00
1.98E+01	-9.30E+01	1.82E+02	4.88E-03	-3.98E+00
1.98E+01	-9.30E+01	1.81E+02	-4.88E-03	-3.98E+00
1.99E+01	-9.30E+01	1.82E+02	-1.46E-02	-3.99E+00
1.99E+01	-9.30E+01	1.82E+02	-2.08E-02	-4.00E+00
1.99E+01	-9.30E+01	1.82E+02	-2.69E-02	-4.01E+00
1.99E+01	-9.30E+01	1.81E+02	-2.08E-02	-4.02E+00
1.99E+01	-9.30E+01	1.82E+02	3.66E-03	-4.03E+00
2.00E+01	-9.30E+01	1.81E+02	-2.32E-02	-4.02E+00
2.00E+01	-9.30E+01	1.82E+02	-8.54E-03	-4.03E+00
2.00E+01	-9.30E+01	1.82E+02	-2.32E-02	-4.03E+00
2.00E+01	-9.30E+01	1.82E+02	-4.39E-02	-4.05E+00
2.00E+01	-9.30E+01	1.82E+02	-2.93E-02	-4.06E+00
2.01E+01	-9.30E+01	1.82E+02	-2.32E-02	-4.07E+00
2.01E+01	-9.30E+01	1.81E+02	-7.32E-03	-4.08E+00
2.01E+01	-9.30E+01	1.82E+02	-1.46E-02	-4.08E+00
2.01E+01	-9.30E+01	1.81E+02	-4.88E-03	-4.07E+00
2.01E+01	-9.30E+01	1.82E+02	-2.93E-02	-4.08E+00
2.02E+01	-9.30E+01	1.82E+02	-2.32E-02	-4.10E+00
2.02E+01	-9.30E+01	1.82E+02	-3.30E-02	-4.11E+00
2.02E+01	-9.30E+01	1.82E+02	-3.05E-02	-4.12E+00
2.02E+01	-9.30E+01	1.82E+02	-2.93E-02	-4.13E+00
2.02E+01	-9.30E+01	1.81E+02	-4.88E-03	-4.13E+00
2.03E+01	-9.30E+01	1.82E+02	1.71E-02	-4.14E+00
2.03E+01	-9.30E+01	1.81E+02	-7.32E-03	-4.13E+00
2.03E+01	-9.30E+01	1.82E+02	-1.22E-02	-4.13E+00
2.03E+01	-9.30E+01	1.82E+02	-1.83E-02	-4.15E+00
2.03E+01	-9.30E+01	1.81E+02	-3.66E-02	-4.18E+00

2.04E+01	-9.30E+01	1.82E+02	-4.39E-02	-4.17E+00
2.04E+01	-9.30E+01	1.82E+02	-1.46E-02	-4.18E+00
2.04E+01	-9.30E+01	1.81E+02	-8.54E-03	-4.19E+00
2.04E+01	-9.30E+01	1.82E+02	1.22E-03	-4.19E+00
2.04E+01	-9.30E+01	1.81E+02	8.54E-03	-4.19E+00
2.05E+01	-9.30E+01	1.82E+02	-3.17E-02	-4.20E+00
2.05E+01	-9.30E+01	1.82E+02	-9.77E-03	-4.21E+00
2.05E+01	-9.30E+01	1.81E+02	-2.20E-02	-4.22E+00
2.05E+01	-9.30E+01	1.81E+02	-2.81E-02	-4.25E+00
2.05E+01	-9.30E+01	1.81E+02	-7.32E-03	-4.23E+00
2.06E+01	-9.30E+01	1.81E+02	-2.44E-03	-4.24E+00
2.06E+01	-9.30E+01	1.82E+02	-2.44E-02	-4.24E+00
2.06E+01	-9.30E+01	1.81E+02	-1.22E-02	-4.24E+00
2.06E+01	-9.30E+01	1.81E+02	-2.81E-02	-4.26E+00
2.06E+01	-9.30E+01	1.81E+02	-5.13E-02	-4.28E+00
2.07E+01	-9.30E+01	1.81E+02	-3.42E-02	-4.28E+00
2.07E+01	-9.30E+01	1.81E+02	0.00E+00	-4.27E+00
2.07E+01	-9.30E+01	1.81E+02	-2.44E-03	-4.29E+00
2.07E+01	-9.30E+01	1.81E+02	-3.66E-03	-4.28E+00
2.07E+01	-9.30E+01	1.81E+02	-1.71E-02	-4.30E+00
2.08E+01	-9.30E+01	1.81E+02	-3.17E-02	-4.30E+00
2.08E+01	-9.30E+01	1.81E+02	-2.20E-02	-4.32E+00
2.08E+01	-9.30E+01	1.81E+02	-1.83E-02	-4.32E+00
2.08E+01	-9.30E+01	1.81E+02	-3.42E-02	-4.34E+00
2.08E+01	-9.30E+01	1.81E+02	-6.10E-03	-4.33E+00
2.09E+01	-9.30E+01	1.81E+02	-2.44E-03	-4.35E+00
2.09E+01	-9.30E+01	1.81E+02	-2.93E-02	-4.34E+00
2.09E+01	-9.30E+01	1.81E+02	-2.08E-02	-4.36E+00
2.09E+01	-9.30E+01	1.81E+02	-3.42E-02	-4.37E+00
2.09E+01	-9.30E+01	1.81E+02	-1.46E-02	-4.37E+00
2.10E+01	-9.30E+01	1.81E+02	-6.10E-03	-4.37E+00
2.10E+01	-9.30E+01	1.81E+02	1.22E-03	-4.38E+00
2.10E+01	-9.30E+01	1.81E+02	-3.66E-03	-4.38E+00
2.10E+01	-9.30E+01	1.81E+02	-2.44E-02	-4.39E+00
2.10E+01	-9.30E+01	1.81E+02	-2.44E-02	-4.40E+00
2.11E+01	-9.30E+01	1.81E+02	-2.69E-02	-4.41E+00
2.11E+01	-9.30E+01	1.81E+02	-3.54E-02	-4.42E+00
2.11E+01	-9.30E+01	1.81E+02	-1.22E-02	-4.43E+00
2.11E+01	-9.30E+01	1.81E+02	-4.88E-03	-4.44E+00
2.11E+01	-9.30E+01	1.80E+02	-1.71E-02	-4.44E+00
2.12E+01	-9.30E+01	1.81E+02	-7.32E-03	-4.44E+00
2.12E+01	-9.30E+01	1.80E+02	-2.44E-03	-4.44E+00
2.12E+01	-9.30E+01	1.81E+02	-2.44E-03	-4.46E+00
2.12E+01	-9.30E+01	1.81E+02	-2.32E-02	-4.46E+00
2.12E+01	-9.30E+01	1.81E+02	-2.93E-02	-4.48E+00
2.13E+01	-9.30E+01	1.81E+02	-5.86E-02	-4.49E+00
2.13E+01	-9.30E+01	1.80E+02	-2.08E-02	-4.49E+00

2.13E+01	-9.30E+01	1.81E+02	0.00E+00	-4.51E+00
2.13E+01	-9.30E+01	1.81E+02	-1.71E-02	-4.49E+00
2.13E+01	-9.30E+01	1.80E+02	-2.20E-02	-4.50E+00
2.14E+01	-9.30E+01	1.80E+02	-2.20E-02	-4.51E+00
2.14E+01	-9.30E+01	1.81E+02	-1.46E-02	-4.53E+00
2.14E+01	-9.30E+01	1.80E+02	-1.22E-02	-4.53E+00
2.14E+01	-9.30E+01	1.80E+02	-2.44E-03	-4.53E+00
2.14E+01	-9.30E+01	1.81E+02	-3.05E-02	-4.54E+00
2.15E+01	-9.30E+01	1.81E+02	-1.95E-02	-4.54E+00
2.15E+01	-9.30E+01	1.81E+02	-3.17E-02	-4.56E+00
2.15E+01	-9.30E+01	1.80E+02	-2.69E-02	-4.57E+00
2.15E+01	-9.30E+01	1.81E+02	-3.42E-02	-4.57E+00
2.15E+01	-9.30E+01	1.81E+02	1.22E-03	-4.58E+00
2.16E+01	-9.30E+01	1.80E+02	1.71E-02	-4.58E+00
2.16E+01	-9.30E+01	1.80E+02	-6.10E-03	-4.59E+00
2.16E+01	-9.30E+01	1.81E+02	7.32E-03	-4.58E+00
2.16E+01	-9.30E+01	1.80E+02	-9.77E-03	-4.60E+00
2.16E+01	-9.30E+01	1.80E+02	-3.91E-02	-4.61E+00
2.17E+01	-9.30E+01	1.81E+02	-3.91E-02	-4.62E+00
2.17E+01	-9.30E+01	1.80E+02	-1.95E-02	-4.63E+00
2.17E+01	-9.30E+01	1.80E+02	-7.32E-03	-4.63E+00
2.17E+01	-9.30E+01	1.80E+02	7.32E-03	-4.63E+00
2.17E+01	-9.30E+01	1.80E+02	-8.54E-03	-4.64E+00
2.18E+01	-9.30E+01	1.80E+02	-2.44E-02	-4.64E+00
2.18E+01	-9.30E+01	1.80E+02	-4.39E-02	-4.65E+00
2.18E+01	-9.30E+01	1.81E+02	-2.20E-02	-4.66E+00
2.18E+01	-9.30E+01	1.80E+02	-2.32E-02	-4.69E+00
2.18E+01	-9.30E+01	1.80E+02	-2.56E-02	-4.68E+00
2.19E+01	-9.30E+01	1.80E+02	-1.71E-02	-4.70E+00
2.19E+01	-9.30E+01	1.80E+02	-4.88E-03	-4.70E+00
2.19E+01	-9.30E+01	1.80E+02	-1.95E-02	-4.70E+00
2.19E+01	-9.30E+01	1.80E+02	-6.10E-03	-4.70E+00
2.19E+01	-9.30E+01	1.80E+02	1.71E-02	-4.71E+00
2.20E+01	-9.30E+01	1.81E+02	-6.10E-03	-4.71E+00
2.20E+01	-9.30E+01	1.80E+02	-3.17E-02	-4.71E+00
2.20E+01	-9.30E+01	1.80E+02	-2.56E-02	-4.74E+00
2.20E+01	-9.30E+01	1.80E+02	-2.20E-02	-4.75E+00
2.20E+01	-9.30E+01	1.80E+02	-1.71E-02	-4.75E+00
2.21E+01	-9.30E+01	1.80E+02	-7.32E-03	-4.75E+00
2.21E+01	-9.30E+01	1.81E+02	-1.95E-02	-4.75E+00
2.21E+01	-9.30E+01	1.80E+02	-1.71E-02	-4.76E+00
2.21E+01	-9.30E+01	1.81E+02	-3.42E-02	-4.77E+00
2.21E+01	-9.30E+01	1.80E+02	-1.95E-02	-4.78E+00
2.22E+01	-9.30E+01	1.80E+02	-3.17E-02	-4.78E+00
2.22E+01	-9.30E+01	1.80E+02	-1.34E-02	-4.80E+00
2.22E+01	-9.30E+01	1.80E+02	-4.88E-03	-4.80E+00
2.22E+01	-9.30E+01	1.80E+02	-1.22E-02	-4.80E+00

2.22E+01	-9.30E+01	1.81E+02	-7.32E-03	-4.81E+00
2.23E+01	-9.30E+01	1.80E+02	-2.81E-02	-4.82E+00
2.23E+01	-9.30E+01	1.81E+02	-5.62E-02	-4.83E+00
2.23E+01	-9.30E+01	1.80E+02	-7.32E-03	-4.84E+00
2.23E+01	-9.30E+01	1.80E+02	-1.34E-02	-4.85E+00
2.23E+01	-9.30E+01	1.80E+02	2.44E-03	-4.84E+00
2.24E+01	-9.30E+01	1.81E+02	-1.22E-03	-4.85E+00
2.24E+01	-9.30E+01	1.81E+02	-2.69E-02	-4.87E+00
2.24E+01	-9.30E+01	1.81E+02	-4.39E-02	-4.87E+00
2.24E+01	-9.30E+01	1.81E+02	-3.17E-02	-4.88E+00
2.24E+01	-9.30E+01	1.80E+02	-2.32E-02	-4.89E+00
2.25E+01	-9.30E+01	1.80E+02	-1.71E-02	-4.90E+00
2.25E+01	-9.30E+01	1.80E+02	-8.54E-03	-4.90E+00
2.25E+01	-9.30E+01	1.81E+02	2.44E-03	-4.91E+00
2.25E+01	-9.30E+01	1.81E+02	2.93E-02	-4.92E+00
2.25E+01	-9.30E+01	1.81E+02	-4.88E-03	-4.92E+00
2.26E+01	-9.30E+01	1.81E+02	-2.44E-03	-4.91E+00
2.26E+01	-9.30E+01	1.81E+02	-9.77E-03	-4.93E+00
2.26E+01	-9.30E+01	1.81E+02	-2.08E-02	-4.93E+00
2.26E+01	-9.30E+01	1.81E+02	-1.71E-02	-4.94E+00
2.26E+01	-9.30E+01	1.81E+02	-4.15E-02	-4.95E+00
2.27E+01	-9.30E+01	1.81E+02	-2.69E-02	-4.97E+00
2.27E+01	-9.30E+01	1.81E+02	-3.54E-02	-4.98E+00
2.27E+01	-9.30E+01	1.81E+02	-6.10E-03	-4.98E+00
2.27E+01	-9.30E+01	1.81E+02	-2.44E-03	-4.98E+00
2.27E+01	-9.30E+01	1.81E+02	-7.32E-03	-4.98E+00
2.28E+01	-9.30E+01	1.81E+02	-9.77E-03	-4.99E+00
2.28E+01	-9.30E+01	1.81E+02	-2.20E-02	-5.00E+00
2.28E+01	-9.30E+01	1.81E+02	-4.64E-02	-5.01E+00
2.28E+01	-9.30E+01	1.81E+02	-2.69E-02	-5.02E+00
2.28E+01	-9.30E+01	1.81E+02	-9.77E-03	-5.03E+00
2.29E+01	-9.30E+01	1.81E+02	4.88E-03	-5.02E+00
2.29E+01	-9.30E+01	1.81E+02	-7.32E-03	-5.03E+00
2.29E+01	-9.30E+01	1.81E+02	2.44E-03	-5.03E+00
2.29E+01	-9.30E+01	1.81E+02	-3.17E-02	-5.04E+00
2.29E+01	-9.30E+01	1.81E+02	-3.17E-02	-5.05E+00
2.30E+01	-9.30E+01	1.81E+02	-2.93E-02	-5.07E+00
2.30E+01	-9.30E+01	1.81E+02	-3.17E-02	-5.08E+00
2.30E+01	-9.30E+01	1.81E+02	-1.83E-02	-5.08E+00
2.30E+01	-9.30E+01	1.81E+02	-3.66E-03	-5.08E+00
2.30E+01	-9.30E+01	1.82E+02	-1.22E-03	-5.09E+00
2.31E+01	-9.30E+01	1.82E+02	-7.32E-03	-5.09E+00
2.31E+01	-9.30E+01	1.82E+02	1.22E-03	-5.10E+00
2.31E+01	-9.30E+01	1.81E+02	-1.46E-02	-5.11E+00
2.31E+01	-9.30E+01	1.81E+02	-3.17E-02	-5.12E+00
2.31E+01	-9.30E+01	1.81E+02	-4.39E-02	-5.13E+00
2.32E+01	-9.30E+01	1.82E+02	-4.39E-02	-5.14E+00

2.32E+01	-9.30E+01	1.82E+02	-1.22E-02	-5.14E+00
2.32E+01	-9.30E+01	1.81E+02	-2.20E-02	-5.15E+00
2.32E+01	-9.30E+01	1.81E+02	0.00E+00	-5.15E+00
2.32E+01	-9.30E+01	1.82E+02	-1.10E-02	-5.14E+00
2.33E+01	-9.30E+01	1.82E+02	-3.54E-02	-5.16E+00
2.33E+01	-9.30E+01	1.82E+02	-2.44E-02	-5.18E+00
2.33E+01	-9.30E+01	1.82E+02	-3.42E-02	-5.19E+00
2.33E+01	-9.30E+01	1.81E+02	-9.77E-03	-5.19E+00
2.33E+01	-9.30E+01	1.82E+02	4.88E-03	-5.19E+00
2.34E+01	-9.30E+01	1.82E+02	4.88E-03	-5.19E+00
2.34E+01	-9.30E+01	1.82E+02	-1.59E-02	-5.20E+00
2.34E+01	-9.30E+01	1.82E+02	-2.32E-02	-5.22E+00
2.34E+01	-9.30E+01	1.82E+02	-3.05E-02	-5.22E+00
2.34E+01	-9.30E+01	1.82E+02	-3.78E-02	-5.23E+00
2.35E+01	-9.30E+01	1.81E+02	-9.77E-03	-5.24E+00
2.35E+01	-9.30E+01	1.82E+02	-1.22E-02	-5.25E+00
2.35E+01	-9.30E+01	1.82E+02	9.77E-03	-5.25E+00
2.35E+01	-9.30E+01	1.82E+02	-8.54E-03	-5.25E+00
2.35E+01	-9.30E+01	1.82E+02	-3.54E-02	-5.25E+00
2.36E+01	-9.30E+01	1.82E+02	-3.17E-02	-5.27E+00
2.36E+01	-9.30E+01	1.82E+02	-5.00E-02	-5.28E+00
2.36E+01	-9.30E+01	1.82E+02	-2.69E-02	-5.29E+00
2.36E+01	-9.30E+01	1.82E+02	-2.44E-02	-5.30E+00
2.36E+01	-9.30E+01	1.82E+02	-1.95E-02	-5.30E+00
2.37E+01	-9.30E+01	1.83E+02	1.71E-02	-5.30E+00
2.37E+01	-9.30E+01	1.82E+02	-1.71E-02	-5.31E+00
2.37E+01	-9.30E+01	1.82E+02	-4.64E-02	-5.30E+00
2.37E+01	-9.30E+01	1.82E+02	-2.20E-02	-5.33E+00
2.37E+01	-9.30E+01	1.82E+02	-2.69E-02	-5.35E+00
2.38E+01	-9.30E+01	1.82E+02	-1.34E-02	-5.34E+00
2.38E+01	-9.30E+01	1.82E+02	6.10E-03	-5.35E+00
2.38E+01	-9.30E+01	1.82E+02	1.22E-03	-5.35E+00
2.38E+01	-9.30E+01	1.82E+02	-9.77E-03	-5.35E+00
2.38E+01	-9.30E+01	1.82E+02	-1.46E-02	-5.36E+00
2.39E+01	-9.30E+01	1.82E+02	-3.17E-02	-5.38E+00
2.39E+01	-9.30E+01	1.82E+02	-2.44E-02	-5.39E+00
2.39E+01	-9.30E+01	1.82E+02	-1.46E-02	-5.39E+00
2.39E+01	-9.30E+01	1.82E+02	-2.44E-03	-5.40E+00
2.39E+01	-9.30E+01	1.83E+02	2.44E-03	-5.39E+00
2.40E+01	-9.30E+01	1.82E+02	-9.77E-03	-5.40E+00
2.40E+01	-9.30E+01	1.82E+02	-2.93E-02	-5.41E+00
2.40E+01	-9.30E+01	1.82E+02	-3.66E-02	-5.42E+00
2.40E+01	-9.30E+01	1.82E+02	-1.71E-02	-5.43E+00
2.40E+01	-9.30E+01	1.82E+02	-1.71E-02	-5.45E+00
2.41E+01	-9.30E+01	1.82E+02	-1.71E-02	-5.44E+00
2.41E+01	-9.30E+01	1.82E+02	1.22E-03	-5.45E+00
2.41E+01	-9.30E+01	1.83E+02	-2.44E-02	-5.45E+00

2.41E+01	-9.30E+01	1.83E+02	-3.42E-02	-5.46E+00
2.41E+01	-9.30E+01	1.83E+02	-1.95E-02	-5.47E+00
2.42E+01	-9.30E+01	1.82E+02	-3.66E-02	-5.48E+00
2.42E+01	-9.30E+01	1.82E+02	-3.30E-02	-5.49E+00
2.42E+01	-9.30E+01	1.82E+02	-3.66E-03	-5.49E+00
2.42E+01	-9.30E+01	1.82E+02	1.95E-02	-5.51E+00
2.42E+01	-9.30E+01	1.83E+02	0.00E+00	-5.51E+00
2.43E+01	-9.30E+01	1.82E+02	-2.44E-03	-5.50E+00
2.43E+01	-9.30E+01	1.83E+02	9.77E-03	-5.52E+00
2.43E+01	-9.30E+01	1.83E+02	-3.78E-02	-5.53E+00
2.43E+01	-9.30E+01	1.82E+02	-2.69E-02	-5.55E+00
2.43E+01	-9.30E+01	1.82E+02	-2.44E-03	-5.55E+00
2.44E+01	-9.30E+01	1.82E+02	-7.32E-03	-5.54E+00
2.44E+01	-9.30E+01	1.83E+02	-4.88E-03	-5.55E+00
2.44E+01	-9.30E+01	1.83E+02	-8.54E-03	-5.56E+00
2.44E+01	-9.30E+01	1.82E+02	-3.66E-02	-5.58E+00
2.44E+01	-9.30E+01	1.82E+02	-3.05E-02	-5.58E+00
2.45E+01	-9.30E+01	1.83E+02	-4.88E-03	-5.59E+00
2.45E+01	-9.30E+01	1.82E+02	-4.88E-03	-5.59E+00
2.45E+01	-9.30E+01	1.82E+02	4.88E-03	-5.59E+00
2.45E+01	-9.30E+01	1.82E+02	-2.69E-02	-5.60E+00
2.45E+01	-9.30E+01	1.83E+02	-3.54E-02	-5.60E+00
2.46E+01	-9.30E+01	1.83E+02	-1.71E-02	-5.62E+00
2.46E+01	-9.30E+01	1.83E+02	-3.91E-02	-5.64E+00
2.46E+01	-9.30E+01	1.82E+02	-2.56E-02	-5.63E+00
2.46E+01	-9.30E+01	1.83E+02	-2.81E-02	-5.65E+00
2.46E+01	-9.30E+01	1.83E+02	-3.66E-03	-5.64E+00
2.47E+01	-9.30E+01	1.82E+02	-7.32E-03	-5.63E+00
2.47E+01	-9.30E+01	1.83E+02	-1.10E-02	-5.65E+00
2.47E+01	-9.30E+01	1.83E+02	-2.56E-02	-5.66E+00
2.47E+01	-9.30E+01	1.83E+02	-2.81E-02	-5.68E+00
2.47E+01	-9.30E+01	1.83E+02	-3.17E-02	-5.69E+00
2.48E+01	-9.30E+01	1.82E+02	-4.88E-03	-5.69E+00
2.48E+01	-9.30E+01	1.82E+02	-3.91E-02	-5.69E+00
2.48E+01	-9.30E+01	1.83E+02	-9.77E-03	-5.69E+00
2.48E+01	-9.30E+01	1.82E+02	-1.95E-02	-5.69E+00
2.48E+01	-9.30E+01	1.83E+02	-3.54E-02	-5.71E+00
2.49E+01	-9.30E+01	1.83E+02	-3.42E-02	-5.72E+00
2.49E+01	-9.30E+01	1.83E+02	-2.20E-02	-5.73E+00
2.49E+01	-9.30E+01	1.82E+02	-1.71E-02	-5.74E+00
2.49E+01	-9.30E+01	1.82E+02	-7.32E-03	-5.74E+00
2.49E+01	-9.30E+01	1.83E+02	-1.34E-02	-5.75E+00
2.50E+01	-9.30E+01	1.83E+02	-3.42E-02	-5.76E+00
2.50E+01	-9.30E+01	1.83E+02	-2.69E-02	-5.77E+00
2.50E+01	-9.30E+01	1.83E+02	-1.22E-02	-5.79E+00
2.50E+01	-9.30E+01	1.83E+02	-1.46E-02	-5.78E+00
2.50E+01	-9.30E+01	1.83E+02	-6.10E-03	-5.79E+00

2.51E+01	-9.30E+01	1.83E+02	-2.44E-02	-5.79E+00
2.51E+01	-9.30E+01	1.83E+02	-2.69E-02	-5.79E+00
2.51E+01	-9.30E+01	1.83E+02	-2.93E-02	-5.80E+00
2.51E+01	-9.30E+01	1.83E+02	-2.93E-02	-5.82E+00
2.51E+01	-9.30E+01	1.83E+02	-9.77E-03	-5.82E+00
2.52E+01	-9.30E+01	1.83E+02	3.66E-03	-5.82E+00
2.52E+01	-9.30E+01	1.83E+02	-2.32E-02	-5.83E+00
2.52E+01	-9.30E+01	1.83E+02	-2.93E-02	-5.84E+00
2.52E+01	-9.30E+01	1.82E+02	-2.20E-02	-5.86E+00
2.52E+01	-9.30E+01	1.83E+02	-2.93E-02	-5.86E+00
2.53E+01	-9.30E+01	1.83E+02	0.00E+00	-5.86E+00
2.53E+01	-9.30E+01	1.83E+02	-9.77E-03	-5.86E+00
2.53E+01	-9.30E+01	1.83E+02	-4.64E-02	-5.88E+00
2.53E+01	-9.30E+01	1.83E+02	-3.05E-02	-5.88E+00
2.53E+01	-9.30E+01	1.83E+02	-3.66E-02	-5.91E+00
2.54E+01	-9.30E+01	1.83E+02	-1.71E-02	-5.90E+00
2.54E+01	-9.30E+01	1.83E+02	0.00E+00	-5.90E+00
2.54E+01	-9.30E+01	1.83E+02	-2.93E-02	-5.91E+00
2.54E+01	-9.30E+01	1.83E+02	-3.78E-02	-5.92E+00
2.54E+01	-9.30E+01	1.83E+02	-2.20E-02	-5.94E+00
2.55E+01	-9.30E+01	1.83E+02	-5.86E-02	-5.93E+00
2.55E+01	-9.30E+01	1.83E+02	-1.34E-02	-5.95E+00
2.55E+01	-9.30E+01	1.83E+02	0.00E+00	-5.96E+00
2.55E+01	-9.30E+01	1.83E+02	-2.44E-02	-5.95E+00
2.55E+01	-9.30E+01	1.83E+02	-2.69E-02	-5.96E+00
2.56E+01	-9.30E+01	1.83E+02	-1.71E-02	-5.98E+00
2.56E+01	-9.30E+01	1.83E+02	-4.88E-03	-5.97E+00
2.56E+01	-9.30E+01	1.83E+02	-8.54E-03	-5.98E+00
2.56E+01	-9.30E+01	1.83E+02	-2.44E-02	-5.98E+00
2.56E+01	-9.30E+01	1.83E+02	-4.64E-02	-5.99E+00
2.57E+01	-9.30E+01	1.83E+02	-2.69E-02	-6.00E+00
2.57E+01	-9.30E+01	1.83E+02	-4.03E-02	-6.02E+00
2.57E+01	-9.30E+01	1.83E+02	-2.56E-02	-6.02E+00
2.57E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.02E+00
2.57E+01	-9.30E+01	1.83E+02	-1.22E-02	-6.04E+00
2.58E+01	-9.30E+01	1.83E+02	0.00E+00	-6.04E+00
2.58E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.04E+00
2.58E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.05E+00
2.58E+01	-9.30E+01	1.83E+02	-4.03E-02	-6.06E+00
2.58E+01	-9.30E+01	1.83E+02	-2.44E-03	-6.06E+00
2.59E+01	-9.30E+01	1.84E+02	2.44E-03	-6.08E+00
2.59E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.07E+00
2.59E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.08E+00
2.59E+01	-9.30E+01	1.83E+02	-3.91E-02	-6.09E+00
2.59E+01	-9.30E+01	1.83E+02	-2.44E-03	-6.10E+00
2.60E+01	-9.30E+01	1.84E+02	4.88E-03	-6.11E+00
2.60E+01	-9.30E+01	1.83E+02	1.22E-02	-6.11E+00

2.60E+01	-9.30E+01	1.84E+02	-8.54E-03	-6.11E+00
2.60E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.13E+00
2.60E+01	-9.30E+01	1.83E+02	-3.66E-02	-6.13E+00
2.61E+01	-9.30E+01	1.83E+02	-3.54E-02	-6.15E+00
2.61E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.16E+00
2.61E+01	-9.30E+01	1.83E+02	-1.10E-02	-6.16E+00
2.61E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.15E+00
2.61E+01	-9.30E+01	1.84E+02	1.71E-02	-6.17E+00
2.62E+01	-9.30E+01	1.83E+02	-2.44E-03	-6.18E+00
2.62E+01	-9.30E+01	1.84E+02	-3.05E-02	-6.19E+00
2.62E+01	-9.30E+01	1.83E+02	-5.98E-02	-6.21E+00
2.62E+01	-9.30E+01	1.83E+02	-2.69E-02	-6.21E+00
2.62E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.20E+00
2.63E+01	-9.30E+01	1.83E+02	8.54E-03	-6.21E+00
2.63E+01	-9.30E+01	1.84E+02	-2.93E-02	-6.21E+00
2.63E+01	-9.30E+01	1.84E+02	-2.32E-02	-6.22E+00
2.63E+01	-9.30E+01	1.84E+02	-2.08E-02	-6.24E+00
2.63E+01	-9.30E+01	1.83E+02	-3.17E-02	-6.25E+00
2.64E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.25E+00
2.64E+01	-9.30E+01	1.84E+02	2.44E-03	-6.25E+00
2.64E+01	-9.30E+01	1.84E+02	-2.08E-02	-6.26E+00
2.64E+01	-9.30E+01	1.84E+02	-3.66E-02	-6.26E+00
2.64E+01	-9.30E+01	1.84E+02	-2.81E-02	-6.28E+00
2.65E+01	-9.30E+01	1.83E+02	-3.17E-02	-6.29E+00
2.65E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.29E+00
2.65E+01	-9.30E+01	1.84E+02	1.46E-02	-6.30E+00
2.65E+01	-9.30E+01	1.84E+02	-1.46E-02	-6.30E+00
2.65E+01	-9.30E+01	1.84E+02	-3.66E-03	-6.32E+00
2.66E+01	-9.30E+01	1.84E+02	-1.46E-02	-6.33E+00
2.66E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.32E+00
2.66E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.33E+00
2.66E+01	-9.30E+01	1.84E+02	6.10E-03	-6.34E+00
2.66E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.33E+00
2.67E+01	-9.30E+01	1.84E+02	-2.20E-02	-6.35E+00
2.67E+01	-9.30E+01	1.83E+02	-3.66E-02	-6.36E+00
2.67E+01	-9.30E+01	1.84E+02	-3.54E-02	-6.38E+00
2.67E+01	-9.30E+01	1.84E+02	-1.10E-02	-6.38E+00
2.67E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.38E+00
2.68E+01	-9.30E+01	1.84E+02	-6.10E-03	-6.38E+00
2.68E+01	-9.30E+01	1.84E+02	-1.22E-02	-6.39E+00
2.68E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.40E+00
2.68E+01	-9.30E+01	1.84E+02	-3.91E-02	-6.41E+00
2.68E+01	-9.30E+01	1.84E+02	-6.59E-02	-6.41E+00
2.69E+01	-9.30E+01	1.84E+02	-2.20E-02	-6.43E+00
2.69E+01	-9.30E+01	1.84E+02	3.66E-03	-6.42E+00
2.69E+01	-9.30E+01	1.84E+02	4.88E-03	-6.43E+00
2.69E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.43E+00

2.69E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.44E+00
2.70E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.46E+00
2.70E+01	-9.30E+01	1.83E+02	-2.56E-02	-6.47E+00
2.70E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.48E+00
2.70E+01	-9.30E+01	1.84E+02	2.56E-02	-6.48E+00
2.70E+01	-9.30E+01	1.84E+02	-8.54E-03	-6.49E+00
2.71E+01	-9.30E+01	1.84E+02	-2.56E-02	-6.49E+00
2.71E+01	-9.30E+01	1.84E+02	-4.15E-02	-6.50E+00
2.71E+01	-9.30E+01	1.84E+02	-3.30E-02	-6.51E+00
2.71E+01	-9.30E+01	1.84E+02	-7.08E-02	-6.51E+00
2.71E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.53E+00
2.72E+01	-9.30E+01	1.84E+02	-1.10E-02	-6.54E+00
2.72E+01	-9.30E+01	1.84E+02	-2.08E-02	-6.54E+00
2.72E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.54E+00
2.72E+01	-9.30E+01	1.84E+02	2.44E-03	-6.55E+00
2.72E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.55E+00
2.73E+01	-9.30E+01	1.84E+02	-2.56E-02	-6.56E+00
2.73E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.57E+00
2.73E+01	-9.30E+01	1.84E+02	-3.17E-02	-6.59E+00
2.73E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.59E+00
2.73E+01	-9.30E+01	1.84E+02	7.32E-03	-6.59E+00
2.74E+01	-9.30E+01	1.84E+02	-2.81E-02	-6.60E+00
2.74E+01	-9.30E+01	1.84E+02	-1.83E-02	-6.60E+00
2.74E+01	-9.30E+01	1.84E+02	-1.34E-02	-6.61E+00
2.74E+01	-9.30E+01	1.84E+02	-5.62E-02	-6.62E+00
2.74E+01	-9.30E+01	1.84E+02	-2.08E-02	-6.63E+00
2.75E+01	-9.30E+01	1.84E+02	-8.54E-03	-6.64E+00
2.75E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.64E+00
2.75E+01	-9.30E+01	1.84E+02	-1.59E-02	-6.64E+00
2.75E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.66E+00
2.75E+01	-9.30E+01	1.84E+02	-3.30E-02	-6.66E+00
2.76E+01	-9.30E+01	1.84E+02	-3.17E-02	-6.67E+00
2.76E+01	-9.30E+01	1.84E+02	2.69E-02	-6.69E+00
2.76E+01	-9.30E+01	1.84E+02	-1.22E-02	-6.69E+00
2.76E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.67E+00
2.76E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.69E+00
2.77E+01	-9.30E+01	1.84E+02	-1.34E-02	-6.70E+00
2.77E+01	-9.30E+01	1.84E+02	-3.66E-02	-6.72E+00
2.77E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.73E+00
2.77E+01	-9.30E+01	1.84E+02	-2.20E-02	-6.73E+00
2.77E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.73E+00
2.78E+01	-9.30E+01	1.84E+02	1.22E-02	-6.74E+00
2.78E+01	-9.30E+01	1.84E+02	-2.32E-02	-6.74E+00
2.78E+01	-9.30E+01	1.84E+02	-3.91E-02	-6.74E+00
2.78E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.77E+00
2.78E+01	-9.30E+01	1.84E+02	-2.20E-02	-6.78E+00
2.79E+01	-9.30E+01	1.84E+02	-3.66E-03	-6.78E+00

2.79E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.78E+00
2.79E+01	-9.30E+01	1.84E+02	-3.66E-03	-6.78E+00
2.79E+01	-9.30E+01	1.84E+02	-2.32E-02	-6.79E+00
2.79E+01	-9.30E+01	1.84E+02	-4.39E-02	-6.81E+00
2.80E+01	-9.30E+01	1.84E+02	-3.17E-02	-6.82E+00
2.80E+01	-9.30E+01	1.84E+02	-6.10E-03	-6.82E+00
2.80E+01	-9.30E+01	1.84E+02	7.32E-03	-6.82E+00
2.80E+01	-9.30E+01	1.84E+02	-3.05E-02	-6.82E+00
2.80E+01	-9.30E+01	1.84E+02	-2.93E-02	-6.83E+00
2.81E+01	-9.30E+01	1.84E+02	-2.93E-02	-6.85E+00
2.81E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.85E+00
2.81E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.86E+00
2.81E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.87E+00
2.81E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.87E+00
2.82E+01	-9.30E+01	1.84E+02	-2.56E-02	-6.87E+00
2.82E+01	-9.30E+01	1.84E+02	-3.42E-02	-6.89E+00
2.82E+01	-9.30E+01	1.84E+02	-4.15E-02	-6.90E+00
2.82E+01	-9.30E+01	1.84E+02	-1.83E-02	-6.90E+00
2.82E+01	-9.30E+01	1.84E+02	0.00E+00	-6.92E+00
2.83E+01	-9.30E+01	1.84E+02	0.00E+00	-6.91E+00
2.83E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.91E+00
2.83E+01	-9.30E+01	1.84E+02	-8.54E-03	-6.92E+00
2.83E+01	-9.30E+01	1.85E+02	-3.05E-02	-6.93E+00
2.83E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.95E+00
2.84E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.95E+00
2.84E+01	-9.30E+01	1.84E+02	-1.22E-02	-6.95E+00
2.84E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.96E+00
2.84E+01	-9.30E+01	1.84E+02	-3.66E-03	-6.97E+00
2.84E+01	-9.30E+01	1.85E+02	-2.44E-02	-6.98E+00
2.85E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.99E+00
2.85E+01	-9.30E+01	1.84E+02	-2.44E-02	-7.00E+00
2.85E+01	-9.30E+01	1.85E+02	-3.91E-02	-7.00E+00
2.85E+01	-9.30E+01	1.84E+02	-2.20E-02	-7.01E+00
2.85E+01	-9.30E+01	1.84E+02	-7.32E-03	-7.01E+00
2.86E+01	-9.30E+01	1.84E+02	9.77E-03	-7.02E+00
2.86E+01	-9.30E+01	1.85E+02	-2.20E-02	-7.02E+00
2.86E+01	-9.30E+01	1.85E+02	-1.83E-02	-7.03E+00
2.86E+01	-9.30E+01	1.85E+02	-3.91E-02	-7.03E+00
2.86E+01	-9.30E+01	1.85E+02	-2.20E-02	-7.05E+00
2.87E+01	-9.30E+01	1.85E+02	-1.46E-02	-7.07E+00
2.87E+01	-9.30E+01	1.84E+02	1.22E-02	-7.07E+00
2.87E+01	-9.30E+01	1.84E+02	-7.32E-03	-7.06E+00
2.87E+01	-9.30E+01	1.84E+02	-1.34E-02	-7.08E+00
2.87E+01	-9.30E+01	1.83E+02	-3.66E-03	-7.07E+00
2.88E+01	-9.30E+01	1.83E+02	-1.95E-02	-7.08E+00
2.88E+01	-9.30E+01	1.82E+02	-3.17E-02	-7.07E+00
2.88E+01	-9.30E+01	1.78E+02	-4.88E-02	-7.08E+00

2.88E+01	-9.30E+01	1.73E+02	-3.17E-02	-7.09E+00
2.88E+01	-9.30E+01	1.73E+02	-6.47E-02	-7.08E+00
2.89E+01	-9.30E+01	1.73E+02	-7.32E-03	-7.08E+00
2.89E+01	-9.30E+01	1.73E+02	-9.77E-03	-7.08E+00
2.89E+01	-9.30E+01	1.74E+02	-1.22E-03	-7.07E+00
2.89E+01	-9.30E+01	1.77E+02	-7.32E-03	-7.06E+00
2.89E+01	-9.30E+01	1.81E+02	-9.77E-03	-7.06E+00
2.90E+01	-9.30E+01	1.82E+02	-3.66E-02	-7.06E+00
2.90E+01	-9.30E+01	1.80E+02	-3.17E-02	-7.07E+00
2.90E+01	-9.30E+01	1.77E+02	-2.20E-02	-7.07E+00
2.90E+01	-9.30E+01	1.74E+02	-2.69E-02	-7.07E+00
2.90E+01	-9.30E+01	1.74E+02	0.00E+00	-7.06E+00
2.91E+01	-9.30E+01	1.74E+02	-3.66E-03	-7.07E+00
2.91E+01	-9.30E+01	1.74E+02	-1.95E-02	-7.06E+00
2.91E+01	-9.30E+01	1.74E+02	-2.44E-02	-7.06E+00
2.91E+01	-9.30E+01	1.74E+02	-3.91E-02	-7.07E+00
2.91E+01	-9.30E+01	1.74E+02	-1.71E-02	-7.07E+00
2.92E+01	-9.30E+01	1.73E+02	-1.34E-02	-7.06E+00
2.92E+01	-9.30E+01	1.73E+02	2.32E-02	-7.06E+00
2.92E+01	-9.30E+01	1.73E+02	-7.32E-03	-7.05E+00
2.92E+01	-9.30E+01	1.74E+02	-2.20E-02	-7.05E+00
2.92E+01	-9.30E+01	1.73E+02	-1.46E-02	-7.06E+00
2.93E+01	-9.30E+01	1.73E+02	-3.66E-02	-7.05E+00
2.93E+01	-9.30E+01	1.73E+02	-2.56E-02	-7.04E+00
2.93E+01	-9.30E+01	1.73E+02	-1.46E-02	-7.05E+00
2.93E+01	-9.30E+01	1.73E+02	-1.59E-02	-7.05E+00
2.93E+01	-9.30E+01	1.73E+02	-1.10E-02	-7.04E+00
2.94E+01	-9.30E+01	1.74E+02	-1.46E-02	-7.04E+00
2.94E+01	-9.30E+01	1.73E+02	-5.49E-02	-7.04E+00
2.94E+01	-9.30E+01	1.73E+02	-3.42E-02	-7.04E+00
2.94E+01	-9.30E+01	1.73E+02	-4.15E-02	-7.04E+00
2.94E+01	-9.30E+01	1.73E+02	-7.32E-03	-7.05E+00
2.95E+01	-9.30E+01	1.73E+02	-1.34E-02	-7.04E+00
2.95E+01	-9.30E+01	1.73E+02	-1.95E-02	-7.04E+00
2.95E+01	-9.30E+01	1.73E+02	-3.17E-02	-7.03E+00
2.95E+01	-9.30E+01	1.73E+02	-3.17E-02	-7.02E+00
2.95E+01	-9.30E+01	1.73E+02	-2.69E-02	-7.04E+00
2.96E+01	-9.30E+01	1.73E+02	-2.44E-02	-7.03E+00
2.96E+01	-9.30E+01	1.73E+02	-1.22E-02	-7.02E+00
2.96E+01	-9.30E+01	1.73E+02	9.77E-03	-7.02E+00
2.96E+01	-9.30E+01	1.73E+02	-1.22E-02	-7.01E+00
2.96E+01	-9.30E+01	1.73E+02	-1.22E-03	-7.02E+00
2.97E+01	-9.30E+01	1.73E+02	-2.44E-02	-7.02E+00
2.97E+01	-9.30E+01	1.73E+02	-3.66E-02	-7.03E+00
2.97E+01	-9.30E+01	1.73E+02	-1.95E-02	-7.02E+00
2.97E+01	-9.30E+01	1.73E+02	4.88E-03	-7.01E+00
2.97E+01	-9.30E+01	1.73E+02	-1.22E-02	-7.00E+00

2.98E+01	-9.30E+01	1.73E+02	-1.59E-02	-7.00E+00
2.98E+01	-9.30E+01	1.73E+02	-1.10E-02	-7.00E+00
2.98E+01	-9.30E+01	1.73E+02	-1.71E-02	-7.01E+00
2.98E+01	-9.30E+01	1.73E+02	-1.95E-02	-7.00E+00
2.98E+01	-9.30E+01	1.73E+02	-1.71E-02	-7.01E+00
2.99E+01	-9.30E+01	1.73E+02	-2.08E-02	-7.01E+00
2.99E+01	-9.30E+01	1.73E+02	-2.44E-02	-7.02E+00
2.99E+01	-9.30E+01	1.73E+02	-4.88E-03	-7.00E+00
2.99E+01	-9.30E+01	1.73E+02	9.77E-03	-7.00E+00
2.99E+01	-9.30E+01	1.73E+02	-4.88E-03	-6.99E+00
3.00E+01	-9.30E+01	1.73E+02	-1.46E-02	-6.98E+00
3.00E+01	-9.30E+01	1.73E+02	-2.44E-02	-6.98E+00
3.00E+01	-9.30E+01	1.73E+02	-2.44E-02	-6.99E+00
3.00E+01	-9.30E+01	1.73E+02	-3.42E-02	-7.00E+00
3.00E+01	-9.30E+01	1.73E+02	-1.71E-02	-6.99E+00
3.01E+01	-9.30E+01	1.73E+02	-2.44E-03	-6.98E+00
3.01E+01	-9.30E+01	1.73E+02	-1.22E-02	-6.98E+00
3.01E+01	-9.30E+01	1.73E+02	-8.54E-03	-6.98E+00
3.01E+01	-9.30E+01	1.72E+02	-3.42E-02	-6.98E+00
3.01E+01	-9.30E+01	1.72E+02	-3.78E-02	-6.98E+00
3.02E+01	-9.30E+01	1.72E+02	-8.54E-03	-6.98E+00
3.02E+01	-9.30E+01	1.72E+02	-9.77E-03	-6.98E+00
3.02E+01	-9.30E+01	1.72E+02	-1.10E-02	-6.97E+00
3.02E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.96E+00
3.02E+01	-9.30E+01	1.72E+02	0.00E+00	-6.96E+00
3.03E+01	-9.30E+01	1.72E+02	-3.17E-02	-6.97E+00
3.03E+01	-9.30E+01	1.72E+02	7.32E-03	-6.96E+00
3.03E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.96E+00
3.03E+01	-9.30E+01	1.72E+02	-3.66E-02	-6.96E+00
3.03E+01	-9.30E+01	1.72E+02	-3.54E-02	-6.96E+00
3.04E+01	-9.30E+01	1.72E+02	0.00E+00	-6.97E+00
3.04E+01	-9.30E+01	1.72E+02	-1.46E-02	-6.96E+00
3.04E+01	-9.30E+01	1.72E+02	0.00E+00	-6.95E+00
3.04E+01	-9.30E+01	1.72E+02	-7.32E-03	-6.94E+00
3.04E+01	-9.30E+01	1.72E+02	-1.22E-02	-6.94E+00
3.05E+01	-9.30E+01	1.72E+02	-3.17E-02	-6.95E+00
3.05E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.94E+00
3.05E+01	-9.30E+01	1.72E+02	-8.54E-03	-6.95E+00
3.05E+01	-9.30E+01	1.72E+02	-1.71E-02	-6.95E+00
3.05E+01	-9.30E+01	1.72E+02	-2.44E-03	-6.95E+00
3.06E+01	-9.30E+01	1.72E+02	0.00E+00	-6.94E+00
3.06E+01	-9.30E+01	1.72E+02	-4.15E-02	-6.94E+00
3.06E+01	-9.30E+01	1.72E+02	-2.81E-02	-6.95E+00
3.06E+01	-9.30E+01	1.72E+02	-2.20E-02	-6.94E+00
3.06E+01	-9.30E+01	1.72E+02	1.22E-02	-6.93E+00
3.07E+01	-9.30E+01	1.72E+02	-2.44E-03	-6.93E+00
3.07E+01	-9.30E+01	1.72E+02	-3.42E-02	-6.92E+00

3.07E+01	-9.30E+01	1.72E+02	-3.42E-02	-6.93E+00
3.07E+01	-9.30E+01	1.72E+02	-2.32E-02	-6.93E+00
3.07E+01	-9.30E+01	1.71E+02	-7.32E-03	-6.93E+00
3.08E+01	-9.30E+01	1.72E+02	-1.22E-03	-6.93E+00
3.08E+01	-9.30E+01	1.72E+02	-6.10E-03	-6.93E+00
3.08E+01	-9.30E+01	1.72E+02	-3.17E-02	-6.92E+00
3.08E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.92E+00
3.08E+01	-9.30E+01	1.72E+02	-3.42E-02	-6.93E+00
3.09E+01	-9.30E+01	1.72E+02	-1.71E-02	-6.92E+00
3.09E+01	-9.30E+01	1.71E+02	0.00E+00	-6.91E+00
3.09E+01	-9.30E+01	1.72E+02	-1.71E-02	-6.90E+00
3.09E+01	-9.30E+01	1.72E+02	-1.59E-02	-6.91E+00
3.09E+01	-9.30E+01	1.72E+02	-2.81E-02	-6.92E+00
3.10E+01	-9.30E+01	1.71E+02	-2.08E-02	-6.92E+00
3.10E+01	-9.30E+01	1.71E+02	-2.20E-02	-6.91E+00
3.10E+01	-9.30E+01	1.71E+02	2.44E-03	-6.90E+00
3.10E+01	-9.30E+01	1.71E+02	-1.22E-02	-6.90E+00
3.10E+01	-9.30E+01	1.71E+02	-1.46E-02	-6.89E+00
3.11E+01	-9.30E+01	1.72E+02	-1.71E-02	-6.90E+00
3.11E+01	-9.30E+01	1.71E+02	-2.56E-02	-6.91E+00
3.11E+01	-9.30E+01	1.71E+02	-2.93E-02	-6.90E+00
3.11E+01	-9.30E+01	1.71E+02	-1.59E-02	-6.89E+00
3.11E+01	-9.30E+01	1.71E+02	8.54E-03	-6.89E+00
3.12E+01	-9.30E+01	1.71E+02	-4.88E-03	-6.88E+00
3.12E+01	-9.30E+01	1.71E+02	-2.32E-02	-6.89E+00
3.12E+01	-9.30E+01	1.71E+02	-3.42E-02	-6.89E+00
3.12E+01	-9.30E+01	1.71E+02	-1.95E-02	-6.90E+00
3.12E+01	-9.30E+01	1.71E+02	2.44E-03	-6.89E+00
3.13E+01	-9.30E+01	1.71E+02	-2.69E-02	-6.88E+00
3.13E+01	-9.30E+01	1.71E+02	-4.88E-03	-6.88E+00
3.13E+01	-9.30E+01	1.71E+02	-3.78E-02	-6.86E+00
3.13E+01	-9.30E+01	1.71E+02	-3.05E-02	-6.88E+00
3.13E+01	-9.30E+01	1.71E+02	-3.78E-02	-6.87E+00
3.14E+01	-9.30E+01	1.71E+02	-3.42E-02	-6.88E+00
3.14E+01	-9.30E+01	1.71E+02	-1.71E-02	-6.88E+00
3.14E+01	-9.30E+01	1.71E+02	-8.54E-03	-6.87E+00
3.14E+01	-9.30E+01	1.71E+02	-2.44E-03	-6.87E+00
3.14E+01	-9.30E+01	1.71E+02	-3.17E-02	-6.86E+00
3.15E+01	-9.30E+01	1.71E+02	-3.54E-02	-6.85E+00
3.15E+01	-9.30E+01	1.71E+02	-4.15E-02	-6.86E+00
3.15E+01	-9.30E+01	1.71E+02	-2.93E-02	-6.87E+00
3.15E+01	-9.30E+01	1.71E+02	-2.44E-02	-6.87E+00
3.15E+01	-9.30E+01	1.71E+02	-2.08E-02	-6.85E+00
3.16E+01	-9.30E+01	1.71E+02	-4.88E-03	-6.85E+00
3.16E+01	-9.30E+01	1.71E+02	-1.46E-02	-6.85E+00
3.16E+01	-9.30E+01	1.71E+02	-2.20E-02	-6.85E+00
3.16E+01	-9.30E+01	1.71E+02	-2.69E-02	-6.86E+00

3.16E+01	-9.30E+01	1.71E+02	-2.69E-02	-6.85E+00
3.17E+01	-9.30E+01	1.71E+02	9.77E-03	-6.85E+00
3.17E+01	-9.30E+01	1.71E+02	-4.88E-03	-6.84E+00
3.17E+01	-9.30E+01	1.71E+02	-1.83E-02	-6.84E+00
3.17E+01	-9.30E+01	1.71E+02	0.00E+00	-6.83E+00
3.17E+01	-9.30E+01	1.71E+02	-2.56E-02	-6.84E+00
3.18E+01	-9.30E+01	1.71E+02	-1.71E-02	-6.84E+00
3.18E+01	-9.30E+01	1.71E+02	-2.93E-02	-6.84E+00
3.18E+01	-9.30E+01	1.71E+02	-2.32E-02	-6.84E+00
3.18E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.84E+00
3.18E+01	-9.30E+01	1.70E+02	-7.32E-03	-6.83E+00
3.19E+01	-9.30E+01	1.70E+02	-4.88E-03	-6.84E+00
3.19E+01	-9.30E+01	1.70E+02	0.00E+00	-6.83E+00
3.19E+01	-9.30E+01	1.70E+02	-1.46E-02	-6.83E+00
3.19E+01	-9.30E+01	1.70E+02	-7.32E-03	-6.82E+00
3.19E+01	-9.30E+01	1.70E+02	2.44E-03	-6.82E+00
3.20E+01	-9.30E+01	1.70E+02	-2.08E-02	-6.82E+00
3.20E+01	-9.30E+01	1.70E+02	-3.17E-02	-6.82E+00
3.20E+01	-9.30E+01	1.71E+02	-1.71E-02	-6.82E+00
3.20E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.83E+00
3.20E+01	-9.30E+01	1.70E+02	-2.69E-02	-6.84E+00
3.21E+01	-9.30E+01	1.70E+02	2.44E-03	-6.82E+00
3.21E+01	-9.30E+01	1.70E+02	4.88E-03	-6.82E+00
3.21E+01	-9.30E+01	1.70E+02	-2.93E-02	-6.81E+00
3.21E+01	-9.30E+01	1.70E+02	-1.34E-02	-6.80E+00
3.21E+01	-9.30E+01	1.70E+02	-2.20E-02	-6.81E+00
3.22E+01	-9.30E+01	1.70E+02	-4.15E-02	-6.80E+00
3.22E+01	-9.30E+01	1.70E+02	-1.10E-02	-6.81E+00
3.22E+01	-9.30E+01	1.70E+02	0.00E+00	-6.81E+00
3.22E+01	-9.30E+01	1.70E+02	9.77E-03	-6.81E+00
3.22E+01	-9.30E+01	1.70E+02	-4.88E-03	-6.79E+00
3.23E+01	-9.30E+01	1.70E+02	-1.95E-02	-6.78E+00
3.23E+01	-9.30E+01	1.70E+02	-3.17E-02	-6.80E+00
3.23E+01	-9.30E+01	1.70E+02	-3.42E-02	-6.80E+00
3.23E+01	-9.30E+01	1.70E+02	-2.44E-02	-6.80E+00
3.23E+01	-9.30E+01	1.70E+02	-3.54E-02	-6.80E+00
3.24E+01	-9.30E+01	1.70E+02	-1.46E-02	-6.80E+00
3.24E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.79E+00
3.24E+01	-9.30E+01	1.70E+02	0.00E+00	-6.79E+00
3.24E+01	-9.30E+01	1.70E+02	1.71E-02	-6.78E+00
3.24E+01	-9.30E+01	1.70E+02	-1.22E-02	-6.77E+00
3.25E+01	-9.30E+01	1.70E+02	-2.93E-02	-6.77E+00
3.25E+01	-9.30E+01	1.69E+02	-3.05E-02	-6.78E+00
3.25E+01	-9.30E+01	1.70E+02	-3.30E-02	-6.77E+00
3.25E+01	-9.30E+01	1.70E+02	-4.64E-02	-6.77E+00
3.25E+01	-9.30E+01	1.69E+02	-2.44E-02	-6.78E+00
3.26E+01	-9.30E+01	1.69E+02	-1.95E-02	-6.77E+00

3.26E+01	-9.30E+01	1.69E+02	-2.44E-02	-6.78E+00
3.26E+01	-9.30E+01	1.69E+02	0.00E+00	-6.77E+00
3.26E+01	-9.30E+01	1.69E+02	-9.77E-03	-6.76E+00
3.26E+01	-9.30E+01	1.69E+02	-1.71E-02	-6.76E+00
3.27E+01	-9.30E+01	1.69E+02	-1.34E-02	-6.76E+00
3.27E+01	-9.30E+01	1.69E+02	-2.44E-02	-6.76E+00
3.27E+01	-9.30E+01	1.70E+02	-2.32E-02	-6.76E+00
3.27E+01	-9.30E+01	1.69E+02	-2.69E-02	-6.77E+00
3.27E+01	-9.30E+01	1.69E+02	6.10E-03	-6.77E+00
3.28E+01	-9.30E+01	1.69E+02	-1.46E-02	-6.76E+00
3.28E+01	-9.30E+01	1.69E+02	-1.46E-02	-6.74E+00
3.28E+01	-9.30E+01	1.69E+02	1.22E-02	-6.75E+00
3.28E+01	-9.30E+01	1.69E+02	2.44E-03	-6.75E+00
3.28E+01	-9.30E+01	1.69E+02	-9.77E-03	-6.74E+00
3.29E+01	-9.30E+01	1.69E+02	-2.20E-02	-6.74E+00
3.29E+01	-9.30E+01	1.69E+02	-2.44E-02	-6.75E+00
3.29E+01	-9.30E+01	1.69E+02	-3.54E-02	-6.75E+00
3.29E+01	-9.30E+01	1.69E+02	-3.91E-02	-6.74E+00
3.29E+01	-9.30E+01	1.69E+02	-1.22E-02	-6.75E+00
3.30E+01	-9.30E+01	1.69E+02	-2.44E-02	-6.75E+00
3.30E+01	-9.30E+01	1.69E+02	-7.32E-03	-6.74E+00
3.30E+01	-9.30E+01	1.68E+02	-1.22E-03	-6.73E+00
3.30E+01	-9.30E+01	1.68E+02	2.44E-03	-6.74E+00
3.30E+01	-9.30E+01	1.69E+02	-1.46E-02	-6.73E+00
3.31E+01	-9.30E+01	1.69E+02	-1.46E-02	-6.72E+00
3.31E+01	-9.30E+01	1.68E+02	-2.93E-02	-6.72E+00
3.31E+01	-9.30E+01	1.69E+02	-3.66E-03	-6.72E+00
3.31E+01	-9.30E+01	1.68E+02	-3.66E-02	-6.72E+00
3.31E+01	-9.30E+01	1.68E+02	6.10E-03	-6.74E+00
3.32E+01	-9.30E+01	1.68E+02	-2.44E-02	-6.73E+00
3.32E+01	-9.30E+01	1.68E+02	-9.77E-03	-6.73E+00
3.32E+01	-9.30E+01	1.68E+02	2.44E-03	-6.72E+00
3.32E+01	-9.30E+01	1.68E+02	-3.66E-03	-6.71E+00
3.32E+01	-9.30E+01	1.68E+02	-3.17E-02	-6.71E+00
3.33E+01	-9.30E+01	1.68E+02	-2.69E-02	-6.72E+00
3.33E+01	-9.30E+01	1.68E+02	-1.95E-02	-6.72E+00
3.33E+01	-9.30E+01	1.68E+02	-8.54E-03	-6.71E+00
3.33E+01	-9.30E+01	1.68E+02	-9.77E-03	-6.71E+00
3.33E+01	-9.30E+01	1.68E+02	0.00E+00	-6.70E+00
3.34E+01	-9.30E+01	1.68E+02	-4.39E-02	-6.69E+00
3.34E+01	-9.30E+01	1.68E+02	-2.08E-02	-6.71E+00
3.34E+01	-9.30E+01	1.68E+02	-2.69E-02	-6.71E+00
3.34E+01	-9.30E+01	1.67E+02	-2.20E-02	-6.69E+00
3.34E+01	-9.30E+01	1.68E+02	-7.32E-03	-6.70E+00
3.35E+01	-9.30E+01	1.68E+02	2.44E-03	-6.69E+00
3.35E+01	-9.30E+01	1.68E+02	1.22E-02	-6.69E+00
3.35E+01	-9.30E+01	1.68E+02	-1.59E-02	-6.68E+00

3.35E+01	-9.30E+01	1.68E+02	-1.71E-02	-6.69E+00
3.35E+01	-9.30E+01	1.68E+02	-4.88E-02	-6.68E+00
3.36E+01	-9.30E+01	1.68E+02	-4.15E-02	-6.69E+00
3.36E+01	-9.30E+01	1.67E+02	-1.95E-02	-6.71E+00
3.36E+01	-9.30E+01	1.67E+02	-1.46E-02	-6.70E+00
3.36E+01	-9.30E+01	1.67E+02	-6.10E-03	-6.68E+00
3.36E+01	-9.30E+01	1.68E+02	1.22E-03	-6.67E+00
3.37E+01	-9.30E+01	1.68E+02	-2.93E-02	-6.68E+00
3.37E+01	-9.30E+01	1.67E+02	-5.25E-02	-6.67E+00
3.37E+01	-9.30E+01	1.67E+02	-2.81E-02	-6.67E+00
3.37E+01	-9.30E+01	1.67E+02	-5.13E-02	-6.67E+00
3.37E+01	-9.30E+01	1.67E+02	-1.59E-02	-6.68E+00
3.38E+01	-9.30E+01	1.67E+02	9.77E-03	-6.66E+00
3.38E+01	-9.30E+01	1.67E+02	-7.32E-03	-6.66E+00
3.38E+01	-9.30E+01	1.67E+02	-2.44E-02	-6.66E+00
3.38E+01	-9.30E+01	1.67E+02	-1.46E-02	-6.66E+00
3.38E+01	-9.30E+01	1.67E+02	-3.42E-02	-6.67E+00
3.39E+01	-9.30E+01	1.67E+02	-2.20E-02	-6.67E+00
3.39E+01	-9.30E+01	1.67E+02	1.95E-02	-6.67E+00
3.39E+01	-9.30E+01	1.67E+02	-9.77E-03	-6.66E+00
3.39E+01	-9.30E+01	1.67E+02	-6.10E-03	-6.64E+00
3.39E+01	-9.30E+01	1.67E+02	1.46E-02	-6.66E+00
3.40E+01	-9.30E+01	1.67E+02	-1.34E-02	-6.64E+00
3.40E+01	-9.30E+01	1.67E+02	-2.81E-02	-6.64E+00
3.40E+01	-9.30E+01	1.67E+02	-3.17E-02	-6.65E+00
3.40E+01	-9.30E+01	1.67E+02	-2.44E-02	-6.66E+00
3.40E+01	-9.30E+01	1.67E+02	-1.95E-02	-6.65E+00
3.41E+01	-9.30E+01	1.67E+02	2.44E-03	-6.64E+00
3.41E+01	-9.30E+01	1.67E+02	-8.54E-03	-6.64E+00
3.41E+01	-9.30E+01	1.67E+02	-1.71E-02	-6.63E+00
3.41E+01	-9.30E+01	1.67E+02	-5.13E-02	-6.64E+00
3.41E+01	-9.30E+01	1.66E+02	-4.64E-02	-6.64E+00
3.42E+01	-9.30E+01	1.66E+02	-2.93E-02	-6.65E+00
3.42E+01	-9.30E+01	1.66E+02	-3.91E-02	-6.63E+00
3.42E+01	-9.30E+01	1.66E+02	8.54E-03	-6.63E+00
3.42E+01	-9.30E+01	1.67E+02	0.00E+00	-6.62E+00
3.42E+01	-9.30E+01	1.67E+02	-1.46E-02	-6.62E+00
3.43E+01	-9.30E+01	1.66E+02	-1.95E-02	-6.63E+00
3.43E+01	-9.30E+01	1.67E+02	-2.69E-02	-6.63E+00
3.43E+01	-9.30E+01	1.66E+02	-3.05E-02	-6.62E+00
3.43E+01	-9.30E+01	1.66E+02	-2.56E-02	-6.62E+00
3.43E+01	-9.30E+01	1.66E+02	9.77E-03	-6.63E+00
3.44E+01	-9.30E+01	1.66E+02	-1.22E-02	-6.63E+00
3.44E+01	-9.30E+01	1.67E+02	-4.88E-03	-6.62E+00
3.44E+01	-9.30E+01	1.66E+02	3.78E-02	-6.62E+00
3.44E+01	-9.30E+01	1.67E+02	-1.34E-02	-6.61E+00
3.44E+01	-9.30E+01	1.67E+02	-2.20E-02	-6.60E+00

3.45E+01	-9.30E+01	1.67E+02	-2.93E-02	-6.61E+00
3.45E+01	-9.30E+01	1.66E+02	-3.05E-02	-6.61E+00
3.45E+01	-9.30E+01	1.66E+02	-3.54E-02	-6.61E+00
3.45E+01	-9.30E+01	1.66E+02	-3.91E-02	-6.61E+00
3.45E+01	-9.30E+01	1.67E+02	-6.10E-03	-6.61E+00
3.46E+01	-9.30E+01	1.66E+02	-1.59E-02	-6.60E+00
3.46E+01	-9.30E+01	1.66E+02	-1.83E-02	-6.60E+00
3.46E+01	-9.30E+01	1.66E+02	-2.08E-02	-6.59E+00
3.46E+01	-9.30E+01	1.66E+02	-2.20E-02	-6.59E+00
3.46E+01	-9.30E+01	1.67E+02	-1.22E-02	-6.60E+00
3.47E+01	-9.30E+01	1.66E+02	-2.20E-02	-6.60E+00
3.47E+01	-9.30E+01	1.66E+02	-4.88E-03	-6.59E+00
3.47E+01	-9.30E+01	1.66E+02	-1.22E-02	-6.59E+00
3.47E+01	-9.30E+01	1.66E+02	2.44E-03	-6.58E+00
3.47E+01	-9.30E+01	1.66E+02	3.66E-03	-6.59E+00
3.48E+01	-9.30E+01	1.66E+02	3.66E-03	-6.58E+00
3.48E+01	-9.30E+01	1.66E+02	-1.10E-02	-6.58E+00
3.48E+01	-9.30E+01	1.66E+02	-9.77E-03	-6.58E+00
3.48E+01	-9.30E+01	1.66E+02	-3.17E-02	-6.58E+00
3.48E+01	-9.30E+01	1.66E+02	-3.42E-02	-6.57E+00
3.49E+01	-9.30E+01	1.66E+02	-6.10E-03	-6.59E+00
3.49E+01	-9.30E+01	1.66E+02	-1.71E-02	-6.59E+00
3.49E+01	-9.30E+01	1.66E+02	-1.46E-02	-6.58E+00
3.49E+01	-9.30E+01	1.66E+02	0.00E+00	-6.57E+00
3.49E+01	-9.30E+01	1.66E+02	-1.22E-03	-6.57E+00
3.50E+01	-9.30E+01	1.66E+02	-4.88E-03	-6.56E+00
3.50E+01	-9.30E+01	1.66E+02	-9.77E-03	-6.56E+00
3.50E+01	-9.30E+01	1.66E+02	-4.76E-02	-6.57E+00
3.50E+01	-9.30E+01	1.66E+02	-3.66E-02	-6.57E+00
3.50E+01	-9.30E+01	1.66E+02	-4.39E-02	-6.57E+00
3.51E+01	-9.30E+01	1.66E+02	-4.88E-03	-6.57E+00
3.51E+01	-9.30E+01	1.66E+02	-1.71E-02	-6.57E+00
3.51E+01	-9.30E+01	1.66E+02	-1.46E-02	-6.55E+00
3.51E+01	-9.30E+01	1.66E+02	-7.32E-03	-6.55E+00
3.51E+01	-9.30E+01	1.66E+02	-7.32E-03	-6.55E+00
3.52E+01	-9.30E+01	1.66E+02	-3.17E-02	-6.55E+00
3.52E+01	-9.30E+01	1.66E+02	-3.42E-02	-6.55E+00
3.52E+01	-9.30E+01	1.66E+02	-2.81E-02	-6.55E+00
3.52E+01	-9.30E+01	1.66E+02	-3.91E-02	-6.55E+00
3.52E+01	-9.30E+01	1.66E+02	-2.44E-03	-6.54E+00
3.53E+01	-9.30E+01	1.66E+02	-2.20E-02	-6.54E+00
3.53E+01	-9.30E+01	1.66E+02	-1.95E-02	-6.54E+00
3.53E+01	-9.30E+01	1.66E+02	-2.32E-02	-6.53E+00
3.53E+01	-9.30E+01	1.66E+02	-3.66E-02	-6.55E+00
3.53E+01	-9.30E+01	1.65E+02	-3.05E-02	-6.55E+00
3.54E+01	-9.30E+01	1.65E+02	-1.22E-02	-6.53E+00
3.54E+01	-9.30E+01	1.66E+02	7.32E-03	-6.53E+00

3.54E+01	-9.30E+01	1.66E+02	1.10E-02	-6.53E+00
3.54E+01	-9.30E+01	1.66E+02	-9.77E-03	-6.52E+00
3.54E+01	-9.30E+01	1.66E+02	1.34E-02	-6.52E+00
3.55E+01	-9.30E+01	1.65E+02	0.00E+00	-6.52E+00
3.55E+01	-9.30E+01	1.65E+02	-2.20E-02	-6.53E+00
3.55E+01	-9.30E+01	1.66E+02	-4.76E-02	-6.51E+00
3.55E+01	-9.30E+01	1.66E+02	-2.32E-02	-6.52E+00
3.55E+01	-9.30E+01	1.65E+02	-3.17E-02	-6.54E+00
3.56E+01	-9.30E+01	1.66E+02	-2.93E-02	-6.52E+00
3.56E+01	-9.30E+01	1.66E+02	-1.95E-02	-6.53E+00
3.56E+01	-9.30E+01	1.66E+02	-7.32E-03	-6.52E+00
3.56E+01	-9.30E+01	1.65E+02	-1.46E-02	-6.52E+00
3.56E+01	-9.30E+01	1.65E+02	-6.10E-03	-6.52E+00
3.57E+01	-9.30E+01	1.66E+02	9.77E-03	-6.51E+00
3.57E+01	-9.30E+01	1.66E+02	3.66E-03	-6.50E+00
3.57E+01	-9.30E+01	1.66E+02	-3.17E-02	-6.50E+00
3.57E+01	-9.30E+01	1.66E+02	-4.15E-02	-6.49E+00
3.57E+01	-9.30E+01	1.66E+02	-2.44E-02	-6.51E+00
3.58E+01	-9.30E+01	1.66E+02	-2.93E-02	-6.49E+00
3.58E+01	-9.30E+01	1.65E+02	-2.44E-02	-6.50E+00
3.58E+01	-9.30E+01	1.65E+02	-9.77E-03	-6.50E+00
3.58E+01	-9.30E+01	1.65E+02	-4.88E-03	-6.50E+00
3.58E+01	-9.30E+01	1.65E+02	-1.22E-02	-6.49E+00
3.59E+01	-9.30E+01	1.65E+02	-1.95E-02	-6.48E+00
3.59E+01	-9.30E+01	1.66E+02	-2.20E-02	-6.49E+00
3.59E+01	-9.30E+01	1.66E+02	-4.52E-02	-6.49E+00
3.59E+01	-9.30E+01	1.65E+02	-2.44E-02	-6.49E+00
3.59E+01	-9.30E+01	1.65E+02	-2.20E-02	-6.50E+00
3.60E+01	-9.30E+01	1.66E+02	-1.46E-02	-6.49E+00
3.60E+01	-9.30E+01	1.65E+02	-7.32E-03	-6.48E+00
3.60E+01	-9.30E+01	1.65E+02	1.22E-02	-6.47E+00
3.60E+01	-9.30E+01	1.66E+02	-1.71E-02	-6.47E+00
3.60E+01	-9.30E+01	1.66E+02	-1.95E-02	-6.47E+00
3.61E+01	-9.30E+01	1.66E+02	-3.91E-02	-6.48E+00
3.61E+01	-9.30E+01	1.65E+02	-3.78E-02	-6.48E+00
3.61E+01	-9.30E+01	1.65E+02	-2.93E-02	-6.47E+00
3.61E+01	-9.30E+01	1.65E+02	9.77E-03	-6.48E+00
3.61E+01	-9.30E+01	1.65E+02	-3.66E-03	-6.47E+00
3.62E+01	-9.30E+01	1.65E+02	-1.22E-02	-6.47E+00
3.62E+01	-9.30E+01	1.65E+02	-1.71E-02	-6.45E+00
3.62E+01	-9.30E+01	1.65E+02	-8.54E-03	-6.46E+00
3.62E+01	-9.30E+01	1.65E+02	-3.42E-02	-6.46E+00
3.62E+01	-9.30E+01	1.65E+02	-2.32E-02	-6.46E+00
3.63E+01	-9.30E+01	1.65E+02	-1.71E-02	-6.46E+00
3.63E+01	-9.30E+01	1.65E+02	-1.95E-02	-6.46E+00
3.63E+01	-9.30E+01	1.65E+02	-3.66E-02	-6.45E+00
3.63E+01	-9.30E+01	1.65E+02	7.32E-03	-6.46E+00

3.63E+01	-9.30E+01	1.65E+02	0.00E+00	-6.45E+00
3.64E+01	-9.30E+01	1.65E+02	-1.83E-02	-6.44E+00
3.64E+01	-9.30E+01	1.66E+02	-1.46E-02	-6.44E+00
3.64E+01	-9.30E+01	1.65E+02	-1.22E-02	-6.45E+00
3.64E+01	-9.30E+01	1.65E+02	-4.03E-02	-6.45E+00
3.64E+01	-9.30E+01	1.65E+02	-2.44E-02	-6.45E+00
3.65E+01	-9.30E+01	1.65E+02	0.00E+00	-6.45E+00
3.65E+01	-9.30E+01	1.65E+02	-6.10E-03	-6.45E+00
3.65E+01	-9.30E+01	1.65E+02	-1.22E-02	-6.45E+00
3.65E+01	-9.30E+01	1.65E+02	9.77E-03	-6.44E+00
3.65E+01	-9.30E+01	1.65E+02	4.88E-03	-6.43E+00
3.66E+01	-9.30E+01	1.65E+02	-9.77E-03	-6.45E+00
3.66E+01	-9.30E+01	1.65E+02	-2.44E-03	-6.42E+00
3.66E+01	-9.30E+01	1.65E+02	-7.32E-03	-6.42E+00
3.66E+01	-9.30E+01	1.65E+02	-7.32E-03	-6.42E+00
3.66E+01	-9.30E+01	1.65E+02	-3.42E-02	-6.42E+00
3.67E+01	-9.30E+01	1.65E+02	-3.66E-02	-6.43E+00
3.67E+01	-9.30E+01	1.65E+02	-2.56E-02	-6.43E+00
3.67E+01	-9.30E+01	1.65E+02	-4.64E-02	-6.43E+00
3.67E+01	-9.30E+01	1.65E+02	-6.10E-03	-6.43E+00
3.67E+01	-9.30E+01	1.65E+02	4.88E-03	-6.41E+00
3.68E+01	-9.30E+01	1.65E+02	2.56E-02	-6.42E+00
3.68E+01	-9.30E+01	1.65E+02	-9.77E-03	-6.41E+00
3.68E+01	-9.30E+01	1.65E+02	1.22E-03	-6.39E+00
3.68E+01	-9.30E+01	1.65E+02	-2.44E-02	-6.41E+00
3.68E+01	-9.30E+01	1.65E+02	-3.17E-02	-6.40E+00
3.69E+01	-9.30E+01	1.65E+02	-2.69E-02	-6.41E+00
3.69E+01	-9.30E+01	1.65E+02	-9.77E-03	-6.41E+00
3.69E+01	-9.30E+01	1.65E+02	-1.95E-02	-6.41E+00
3.69E+01	-9.30E+01	1.65E+02	-3.17E-02	-6.41E+00
3.69E+01	-9.30E+01	1.65E+02	-1.46E-02	-6.40E+00
3.70E+01	-9.30E+01	1.65E+02	4.88E-03	-6.39E+00
3.70E+01	-9.30E+01	1.65E+02	-1.71E-02	-6.39E+00
3.70E+01	-9.30E+01	1.65E+02	-1.46E-02	-6.39E+00
3.70E+01	-9.30E+01	1.65E+02	-7.32E-03	-6.39E+00
3.70E+01	-9.30E+01	1.65E+02	-2.93E-02	-6.39E+00
3.71E+01	-9.30E+01	1.65E+02	-4.15E-02	-6.39E+00
3.71E+01	-9.30E+01	1.65E+02	-3.17E-02	-6.40E+00
3.71E+01	-9.30E+01	1.65E+02	-3.42E-02	-6.40E+00
3.71E+01	-9.30E+01	1.64E+02	-1.95E-02	-6.39E+00
3.71E+01	-9.30E+01	1.65E+02	2.44E-03	-6.38E+00
3.72E+01	-9.30E+01	1.65E+02	4.88E-03	-6.39E+00
3.72E+01	-9.30E+01	1.65E+02	-1.46E-02	-6.38E+00
3.72E+01	-9.30E+01	1.65E+02	-2.20E-02	-6.38E+00
3.72E+01	-9.30E+01	1.65E+02	-2.44E-02	-6.38E+00
3.72E+01	-9.30E+01	1.64E+02	-2.93E-02	-6.38E+00
3.73E+01	-9.30E+01	1.65E+02	-1.83E-02	-6.38E+00

3.73E+01	-9.30E+01	1.65E+02	8.54E-03	-6.37E+00
3.73E+01	-9.30E+01	1.65E+02	0.00E+00	-6.37E+00
3.73E+01	-9.30E+01	1.65E+02	-9.77E-03	-6.35E+00
3.73E+01	-9.30E+01	1.65E+02	-9.77E-03	-6.36E+00
3.74E+01	-9.30E+01	1.65E+02	-3.42E-02	-6.38E+00
3.74E+01	-9.30E+01	1.65E+02	-4.64E-02	-6.36E+00
3.74E+01	-9.30E+01	1.65E+02	-3.30E-02	-6.36E+00
3.74E+01	-9.30E+01	1.65E+02	-2.44E-02	-6.37E+00
3.74E+01	-9.30E+01	1.65E+02	-3.54E-02	-6.37E+00
3.75E+01	-9.30E+01	1.65E+02	-1.10E-02	-6.36E+00
3.75E+01	-9.30E+01	1.65E+02	-1.46E-02	-6.36E+00
3.75E+01	-9.30E+01	1.65E+02	-4.88E-03	-6.36E+00
3.75E+01	-9.30E+01	1.65E+02	1.22E-03	-6.36E+00
3.75E+01	-9.30E+01	1.65E+02	1.22E-03	-6.35E+00
3.76E+01	-9.30E+01	1.65E+02	2.44E-02	-6.35E+00
3.76E+01	-9.30E+01	1.65E+02	-1.34E-02	-6.34E+00
3.76E+01	-9.30E+01	1.65E+02	-2.81E-02	-6.35E+00
3.76E+01	-9.30E+01	1.65E+02	-1.83E-02	-6.33E+00
3.76E+01	-9.30E+01	1.64E+02	-2.69E-02	-6.34E+00
3.77E+01	-9.30E+01	1.65E+02	-2.20E-02	-6.35E+00
3.77E+01	-9.30E+01	1.65E+02	-1.59E-02	-6.34E+00
3.77E+01	-9.30E+01	1.65E+02	-2.69E-02	-6.34E+00
3.77E+01	-9.30E+01	1.65E+02	-4.27E-02	-6.34E+00
3.77E+01	-9.30E+01	1.64E+02	-1.71E-02	-6.34E+00
3.78E+01	-9.30E+01	1.65E+02	-8.54E-03	-6.32E+00
3.78E+01	-9.30E+01	1.65E+02	8.54E-03	-6.33E+00
3.78E+01	-9.30E+01	1.65E+02	-1.59E-02	-6.32E+00
3.78E+01	-9.30E+01	1.65E+02	-1.71E-02	-6.32E+00
3.78E+01	-9.30E+01	1.65E+02	-2.20E-02	-6.31E+00
3.79E+01	-9.30E+01	1.65E+02	-2.44E-03	-6.31E+00
3.79E+01	-9.30E+01	1.65E+02	-4.88E-03	-6.32E+00
3.79E+01	-9.30E+01	1.65E+02	-1.22E-03	-6.31E+00
3.79E+01	-9.30E+01	1.64E+02	-3.42E-02	-6.31E+00
3.79E+01	-9.30E+01	1.65E+02	-2.20E-02	-6.30E+00
3.80E+01	-9.30E+01	1.65E+02	-3.42E-02	-6.30E+00
3.80E+01	-9.30E+01	1.65E+02	-2.32E-02	-6.30E+00
3.80E+01	-9.30E+01	1.65E+02	-5.00E-02	-6.30E+00
3.80E+01	-9.30E+01	1.64E+02	-2.69E-02	-6.31E+00
3.80E+01	-9.30E+01	1.65E+02	-2.44E-02	-6.31E+00
3.81E+01	-9.30E+01	1.64E+02	-2.81E-02	-6.31E+00
3.81E+01	-9.30E+01	1.65E+02	-1.46E-02	-6.31E+00
3.81E+01	-9.30E+01	1.65E+02	-1.95E-02	-6.30E+00
3.81E+01	-9.30E+01	1.64E+02	-1.95E-02	-6.30E+00
3.81E+01	-9.30E+01	1.65E+02	-2.69E-02	-6.30E+00
3.82E+01	-9.30E+01	1.64E+02	-2.44E-02	-6.31E+00
3.82E+01	-9.30E+01	1.64E+02	-2.69E-02	-6.30E+00
3.82E+01	-9.30E+01	1.64E+02	-9.77E-03	-6.30E+00

3.82E+01	-9.30E+01	1.64E+02	2.44E-03	-6.29E+00
3.82E+01	-9.30E+01	1.65E+02	-7.32E-03	-6.29E+00
3.83E+01	-9.30E+01	1.65E+02	-1.22E-03	-6.28E+00
3.83E+01	-9.30E+01	1.64E+02	-8.54E-03	-6.29E+00
3.83E+01	-9.30E+01	1.65E+02	-1.71E-02	-6.28E+00
3.83E+01	-9.30E+01	1.65E+02	-1.71E-02	-6.28E+00
3.83E+01	-9.30E+01	1.65E+02	-2.44E-02	-6.28E+00
3.84E+01	-9.30E+01	1.64E+02	-5.13E-02	-6.28E+00
3.84E+01	-9.30E+01	1.64E+02	-3.42E-02	-6.29E+00
3.84E+01	-9.30E+01	1.64E+02	-3.30E-02	-6.27E+00
3.84E+01	-9.30E+01	1.64E+02	2.44E-03	-6.28E+00
3.84E+01	-9.30E+01	1.64E+02	-2.44E-03	-6.27E+00
3.85E+01	-9.30E+01	1.65E+02	-1.46E-02	-6.26E+00
3.85E+01	-9.30E+01	1.65E+02	-1.59E-02	-6.27E+00
3.85E+01	-9.30E+01	1.65E+02	-2.44E-02	-6.27E+00
3.85E+01	-9.30E+01	1.65E+02	-7.08E-02	-6.26E+00
3.85E+01	-9.30E+01	1.64E+02	-1.22E-02	-6.27E+00
3.86E+01	-9.30E+01	1.64E+02	-2.20E-02	-6.26E+00
3.86E+01	-9.30E+01	1.64E+02	-2.44E-02	-6.27E+00
3.86E+01	-9.30E+01	1.64E+02	-1.83E-02	-6.27E+00
3.86E+01	-9.30E+01	1.65E+02	7.32E-03	-6.27E+00
3.86E+01	-9.30E+01	1.64E+02	1.22E-03	-6.26E+00
3.87E+01	-9.30E+01	1.64E+02	-6.10E-03	-6.25E+00
3.87E+01	-9.30E+01	1.65E+02	-4.88E-03	-6.24E+00
3.87E+01	-9.30E+01	1.65E+02	0.00E+00	-6.25E+00
3.87E+01	-9.30E+01	1.64E+02	-2.08E-02	-6.25E+00
3.87E+01	-9.30E+01	1.65E+02	-3.91E-02	-6.24E+00
3.88E+01	-9.30E+01	1.65E+02	-4.64E-02	-6.24E+00
3.88E+01	-9.30E+01	1.64E+02	-2.20E-02	-6.26E+00
3.88E+01	-9.30E+01	1.64E+02	-1.46E-02	-6.23E+00
3.88E+01	-9.30E+01	1.64E+02	-6.10E-03	-6.24E+00
3.88E+01	-9.30E+01	1.64E+02	0.00E+00	-6.24E+00
3.89E+01	-9.30E+01	1.64E+02	-2.93E-02	-6.23E+00
3.89E+01	-9.30E+01	1.64E+02	-2.20E-02	-6.23E+00
3.89E+01	-9.30E+01	1.64E+02	-2.93E-02	-6.24E+00
3.89E+01	-9.30E+01	1.65E+02	-6.23E-02	-6.23E+00
3.89E+01	-9.30E+01	1.65E+02	-1.71E-02	-6.24E+00
3.90E+01	-9.30E+01	1.64E+02	-1.22E-03	-6.22E+00
3.90E+01	-9.30E+01	1.63E+02	-2.93E-02	-6.23E+00
3.90E+01	-9.30E+01	1.64E+02	-4.88E-03	-6.22E+00
3.90E+01	-9.30E+01	1.65E+02	-1.71E-02	-6.20E+00
3.90E+01	-9.30E+01	1.64E+02	-2.44E-02	-6.22E+00
3.91E+01	-9.30E+01	1.64E+02	-2.08E-02	-6.23E+00
3.91E+01	-9.30E+01	1.64E+02	-1.22E-02	-6.22E+00
3.91E+01	-9.30E+01	1.64E+02	-1.71E-02	-6.22E+00
3.91E+01	-9.30E+01	1.64E+02	-1.46E-02	-6.21E+00
3.91E+01	-9.30E+01	1.64E+02	-8.54E-03	-6.21E+00

3.92E+01	-9.30E+01	1.64E+02	-1.22E-02	-6.21E+00
3.92E+01	-9.30E+01	1.64E+02	-3.17E-02	-6.20E+00
3.92E+01	-9.30E+01	1.64E+02	-1.71E-02	-6.20E+00
3.92E+01	-9.30E+01	1.64E+02	-3.17E-02	-6.22E+00
3.92E+01	-9.30E+01	1.64E+02	-3.30E-02	-6.22E+00
3.93E+01	-9.30E+01	1.64E+02	-1.95E-02	-6.21E+00
3.93E+01	-9.30E+01	1.64E+02	-8.54E-03	-6.20E+00
3.93E+01	-9.30E+01	1.64E+02	-7.32E-03	-6.19E+00
3.93E+01	-9.30E+01	1.64E+02	-3.66E-02	-6.18E+00
3.93E+01	-9.30E+01	1.64E+02	-1.22E-02	-6.19E+00
3.94E+01	-9.30E+01	1.64E+02	-3.17E-02	-6.19E+00
3.94E+01	-9.30E+01	1.64E+02	-2.44E-02	-6.20E+00
3.94E+01	-9.30E+01	1.64E+02	-1.46E-02	-6.20E+00
3.94E+01	-9.30E+01	1.64E+02	-1.46E-02	-6.20E+00
3.94E+01	-9.30E+01	1.64E+02	-6.10E-03	-6.19E+00
3.95E+01	-9.30E+01	1.64E+02	2.44E-03	-6.19E+00
3.95E+01	-9.30E+01	1.64E+02	-8.54E-03	-6.18E+00
3.95E+01	-9.30E+01	1.64E+02	-1.46E-02	-6.18E+00
3.95E+01	-9.30E+01	1.64E+02	-2.44E-02	-6.18E+00
3.95E+01	-9.30E+01	1.64E+02	-2.44E-02	-6.18E+00
3.96E+01	-9.30E+01	1.64E+02	-2.56E-02	-6.18E+00
3.96E+01	-9.30E+01	1.64E+02	-1.22E-03	-6.18E+00
3.96E+01	-9.30E+01	1.64E+02	-1.10E-02	-6.18E+00
3.96E+01	-9.30E+01	1.64E+02	-4.88E-03	-6.16E+00
3.96E+01	-9.30E+01	1.64E+02	-9.77E-03	-6.16E+00
3.97E+01	-9.30E+01	1.64E+02	-2.81E-02	-6.16E+00
3.97E+01	-9.30E+01	1.64E+02	-1.46E-02	-6.17E+00
3.97E+01	-9.30E+01	1.64E+02	-4.88E-03	-6.17E+00
3.97E+01	-9.30E+01	1.64E+02	-2.56E-02	-6.18E+00
3.97E+01	-9.30E+01	1.64E+02	-1.95E-02	-6.17E+00
3.98E+01	-9.30E+01	1.64E+02	-1.46E-02	-6.17E+00
3.98E+01	-9.30E+01	1.64E+02	-4.88E-03	-6.16E+00
3.98E+01	-9.30E+01	1.64E+02	2.44E-03	-6.15E+00
3.98E+01	-9.30E+01	1.64E+02	-1.46E-02	-6.15E+00
3.98E+01	-9.30E+01	1.65E+02	-2.56E-02	-6.14E+00
3.99E+01	-9.30E+01	1.64E+02	-1.22E-02	-6.15E+00
3.99E+01	-9.30E+01	1.64E+02	-3.30E-02	-6.15E+00
3.99E+01	-9.30E+01	1.64E+02	-1.34E-02	-6.16E+00
3.99E+01	-9.30E+01	1.64E+02	-1.46E-02	-6.15E+00
3.99E+01	-9.30E+01	1.64E+02	-2.20E-02	-6.14E+00
4.00E+01	-9.30E+01	1.64E+02	-7.32E-03	-6.14E+00
4.00E+01	-9.30E+01	1.64E+02	-2.44E-03	-6.14E+00
4.00E+01	-9.30E+01	1.64E+02	-4.88E-03	-6.14E+00
4.00E+01	-9.30E+01	1.64E+02	-2.20E-02	-6.13E+00
4.00E+01	-9.30E+01	1.64E+02	-1.95E-02	-6.13E+00
4.01E+01	-9.30E+01	1.64E+02	-8.54E-03	-6.14E+00
4.01E+01	-9.30E+01	1.64E+02	-3.05E-02	-6.14E+00

4.01E+01	-9.30E+01	1.64E+02	-3.54E-02	-6.15E+00
4.01E+01	-9.30E+01	1.64E+02	0.00E+00	-6.14E+00
4.01E+01	-9.30E+01	1.63E+02	-2.44E-02	-6.14E+00
4.02E+01	-9.30E+01	1.64E+02	-1.22E-02	-6.13E+00
4.02E+01	-9.30E+01	1.64E+02	2.44E-03	-6.12E+00
4.02E+01	-9.30E+01	1.64E+02	0.00E+00	-6.12E+00
4.02E+01	-9.30E+01	1.64E+02	-2.44E-02	-6.12E+00
4.02E+01	-9.30E+01	1.64E+02	-2.69E-02	-6.11E+00
4.03E+01	-9.30E+01	1.64E+02	-3.17E-02	-6.12E+00
4.03E+01	-9.30E+01	1.64E+02	-2.69E-02	-6.12E+00
4.03E+01	-9.30E+01	1.64E+02	-3.66E-02	-6.12E+00
4.03E+01	-9.30E+01	1.64E+02	-1.10E-02	-6.12E+00
4.03E+01	-9.30E+01	1.64E+02	-1.22E-03	-6.11E+00
4.04E+01	-9.30E+01	1.64E+02	-3.54E-02	-6.10E+00
4.04E+01	-9.30E+01	1.64E+02	-9.77E-03	-6.10E+00
4.04E+01	-9.30E+01	1.64E+02	-2.44E-03	-6.11E+00
4.04E+01	-9.30E+01	1.64E+02	-7.32E-03	-6.10E+00
4.04E+01	-9.30E+01	1.64E+02	-2.93E-02	-6.10E+00
4.05E+01	-9.30E+01	1.64E+02	-1.83E-02	-6.10E+00
4.05E+01	-9.30E+01	1.64E+02	-9.77E-03	-6.10E+00
4.05E+01	-9.30E+01	1.64E+02	-2.93E-02	-6.10E+00
4.05E+01	-9.30E+01	1.64E+02	-1.22E-02	-6.11E+00
4.05E+01	-9.30E+01	1.64E+02	-9.77E-03	-6.10E+00
4.06E+01	-9.30E+01	1.64E+02	-9.77E-03	-6.09E+00
4.06E+01	-9.30E+01	1.64E+02	-7.32E-03	-6.09E+00
4.06E+01	-9.30E+01	1.64E+02	-7.32E-03	-6.08E+00
4.06E+01	-9.30E+01	1.64E+02	0.00E+00	-6.08E+00
4.06E+01	-9.30E+01	1.64E+02	2.44E-03	-6.08E+00
4.07E+01	-9.30E+01	1.64E+02	-1.22E-02	-6.08E+00
4.07E+01	-9.30E+01	1.64E+02	-1.22E-02	-6.07E+00
4.07E+01	-9.30E+01	1.64E+02	-2.32E-02	-6.06E+00
4.07E+01	-9.30E+01	1.64E+02	-2.93E-02	-6.08E+00
4.07E+01	-9.30E+01	1.64E+02	-3.42E-02	-6.07E+00
4.08E+01	-9.30E+01	1.64E+02	-1.71E-02	-6.07E+00
4.08E+01	-9.30E+01	1.64E+02	-1.95E-02	-6.09E+00
4.08E+01	-9.30E+01	1.64E+02	-1.71E-02	-6.06E+00
4.08E+01	-9.30E+01	1.64E+02	1.22E-03	-6.07E+00
4.08E+01	-9.30E+01	1.64E+02	2.44E-03	-6.06E+00
4.09E+01	-9.30E+01	1.64E+02	-7.32E-03	-6.06E+00
4.09E+01	-9.30E+01	1.64E+02	-1.22E-03	-6.06E+00
4.09E+01	-9.30E+01	1.64E+02	-2.20E-02	-6.07E+00
4.09E+01	-9.30E+01	1.64E+02	-3.66E-02	-6.07E+00
4.09E+01	-9.30E+01	1.64E+02	-1.71E-02	-6.07E+00
4.10E+01	-9.30E+01	1.64E+02	2.44E-03	-6.07E+00
4.10E+01	-9.30E+01	1.64E+02	2.44E-03	-6.05E+00
4.10E+01	-9.30E+01	1.64E+02	-8.54E-03	-6.05E+00
4.10E+01	-9.30E+01	1.64E+02	-7.32E-03	-6.04E+00

4.10E+01	-9.30E+01	1.64E+02	-2.69E-02	-6.05E+00
4.11E+01	-9.30E+01	1.64E+02	-3.42E-02	-6.05E+00
4.11E+01	-9.30E+01	1.64E+02	-3.05E-02	-6.05E+00
4.11E+01	-9.30E+01	1.64E+02	-3.54E-02	-6.05E+00
4.11E+01	-9.30E+01	1.63E+02	-1.46E-02	-6.06E+00
4.11E+01	-9.30E+01	1.64E+02	-1.83E-02	-6.05E+00
4.12E+01	-9.30E+01	1.64E+02	3.30E-02	-6.05E+00
4.12E+01	-9.30E+01	1.64E+02	-1.95E-02	-6.04E+00
4.12E+01	-9.30E+01	1.64E+02	-3.66E-02	-6.05E+00
4.12E+01	-9.30E+01	1.64E+02	-2.20E-02	-6.05E+00
4.12E+01	-9.30E+01	1.64E+02	-2.56E-02	-6.05E+00
4.13E+01	-9.30E+01	1.64E+02	-9.77E-03	-6.04E+00
4.13E+01	-9.30E+01	1.64E+02	-4.88E-03	-6.04E+00
4.13E+01	-9.30E+01	1.64E+02	-2.44E-03	-6.03E+00
4.13E+01	-9.30E+01	1.64E+02	0.00E+00	-6.03E+00
4.13E+01	-9.30E+01	1.64E+02	-8.54E-03	-6.02E+00
4.14E+01	-9.30E+01	1.64E+02	-6.10E-03	-6.01E+00
4.14E+01	-9.30E+01	1.64E+02	-4.88E-02	-6.02E+00
4.14E+01	-9.30E+01	1.64E+02	-3.91E-02	-6.02E+00
4.14E+01	-9.30E+01	1.64E+02	-2.81E-02	-6.04E+00
4.14E+01	-9.30E+01	1.64E+02	-1.95E-02	-6.03E+00
4.15E+01	-9.30E+01	1.64E+02	-1.71E-02	-6.02E+00
4.15E+01	-9.30E+01	1.64E+02	-4.88E-03	-6.01E+00
4.15E+01	-9.30E+01	1.64E+02	3.66E-03	-6.02E+00
4.15E+01	-9.30E+01	1.64E+02	0.00E+00	-6.01E+00
4.15E+01	-9.30E+01	1.64E+02	-9.77E-03	-6.00E+00
4.16E+01	-9.30E+01	1.64E+02	-3.17E-02	-5.99E+00
4.16E+01	-9.30E+01	1.64E+02	-3.91E-02	-6.01E+00
4.16E+01	-9.30E+01	1.64E+02	-3.66E-02	-6.01E+00
4.16E+01	-9.30E+01	1.64E+02	-2.93E-02	-6.01E+00
4.16E+01	-9.30E+01	1.64E+02	-3.05E-02	-6.01E+00
4.17E+01	-9.30E+01	1.64E+02	-2.08E-02	-6.00E+00
4.17E+01	-9.30E+01	1.64E+02	-4.15E-02	-6.00E+00
4.17E+01	-9.30E+01	1.64E+02	-1.46E-02	-6.00E+00
4.17E+01	-9.30E+01	1.64E+02	-1.71E-02	-6.00E+00
4.17E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.99E+00
4.18E+01	-9.30E+01	1.64E+02	-1.46E-02	-5.98E+00
4.18E+01	-9.30E+01	1.64E+02	-5.37E-02	-5.98E+00
4.18E+01	-9.30E+01	1.64E+02	-3.54E-02	-5.99E+00
4.18E+01	-9.30E+01	1.64E+02	-2.44E-02	-6.00E+00
4.18E+01	-9.30E+01	1.64E+02	-3.17E-02	-5.99E+00
4.19E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.99E+00
4.19E+01	-9.30E+01	1.64E+02	-2.44E-03	-5.98E+00
4.19E+01	-9.30E+01	1.64E+02	2.44E-03	-5.98E+00
4.19E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.97E+00
4.19E+01	-9.30E+01	1.65E+02	-1.71E-02	-5.96E+00
4.20E+01	-9.30E+01	1.64E+02	-2.56E-02	-5.97E+00

4.20E+01	-9.30E+01	1.64E+02	-1.95E-02	-5.97E+00
4.20E+01	-9.30E+01	1.64E+02	-4.88E-02	-5.97E+00
4.20E+01	-9.30E+01	1.64E+02	0.00E+00	-5.98E+00
4.20E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.98E+00
4.21E+01	-9.30E+01	1.64E+02	-2.69E-02	-5.97E+00
4.21E+01	-9.30E+01	1.64E+02	-7.32E-03	-5.97E+00
4.21E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.97E+00
4.21E+01	-9.30E+01	1.64E+02	-7.32E-03	-5.96E+00
4.21E+01	-9.30E+01	1.64E+02	-3.91E-02	-5.95E+00
4.22E+01	-9.30E+01	1.64E+02	-2.69E-02	-5.96E+00
4.22E+01	-9.30E+01	1.64E+02	-3.17E-02	-5.95E+00
4.22E+01	-9.30E+01	1.64E+02	-2.69E-02	-5.96E+00
4.22E+01	-9.30E+01	1.64E+02	-2.44E-03	-5.95E+00
4.22E+01	-9.30E+01	1.64E+02	2.44E-03	-5.96E+00
4.23E+01	-9.30E+01	1.64E+02	-1.22E-02	-5.95E+00
4.23E+01	-9.30E+01	1.64E+02	-3.66E-03	-5.93E+00
4.23E+01	-9.30E+01	1.64E+02	0.00E+00	-5.94E+00
4.23E+01	-9.30E+01	1.64E+02	-7.32E-03	-5.94E+00
4.23E+01	-9.30E+01	1.65E+02	-3.05E-02	-5.94E+00
4.24E+01	-9.30E+01	1.64E+02	-3.42E-02	-5.94E+00
4.24E+01	-9.30E+01	1.64E+02	-2.44E-02	-5.95E+00
4.24E+01	-9.30E+01	1.64E+02	-1.95E-02	-5.93E+00
4.24E+01	-9.30E+01	1.64E+02	-2.93E-02	-5.94E+00
4.24E+01	-9.30E+01	1.65E+02	2.44E-03	-5.94E+00
4.25E+01	-9.30E+01	1.64E+02	-2.69E-02	-5.94E+00
4.25E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.92E+00
4.25E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.92E+00
4.25E+01	-9.30E+01	1.64E+02	-4.27E-02	-5.93E+00
4.25E+01	-9.30E+01	1.64E+02	-4.27E-02	-5.93E+00
4.26E+01	-9.30E+01	1.64E+02	-3.30E-02	-5.93E+00
4.26E+01	-9.30E+01	1.64E+02	3.66E-03	-5.93E+00
4.26E+01	-9.30E+01	1.64E+02	-7.32E-03	-5.93E+00
4.26E+01	-9.30E+01	1.64E+02	-1.22E-03	-5.91E+00
4.26E+01	-9.30E+01	1.64E+02	9.77E-03	-5.91E+00
4.27E+01	-9.30E+01	1.64E+02	-1.95E-02	-5.91E+00
4.27E+01	-9.30E+01	1.64E+02	-2.44E-02	-5.91E+00
4.27E+01	-9.30E+01	1.64E+02	-2.81E-02	-5.92E+00
4.27E+01	-9.30E+01	1.64E+02	-3.54E-02	-5.92E+00
4.27E+01	-9.30E+01	1.64E+02	-2.44E-03	-5.91E+00
4.28E+01	-9.30E+01	1.64E+02	-9.77E-03	-5.91E+00
4.28E+01	-9.30E+01	1.64E+02	-4.39E-02	-5.90E+00
4.28E+01	-9.30E+01	1.64E+02	-2.69E-02	-5.91E+00
4.28E+01	-9.30E+01	1.64E+02	-5.74E-02	-5.91E+00
4.28E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.91E+00
4.29E+01	-9.30E+01	1.64E+02	1.22E-02	-5.91E+00
4.29E+01	-9.30E+01	1.64E+02	0.00E+00	-5.90E+00
4.29E+01	-9.30E+01	1.64E+02	-2.44E-03	-5.89E+00

4.29E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.88E+00
4.29E+01	-9.30E+01	1.64E+02	-1.59E-02	-5.89E+00
4.30E+01	-9.30E+01	1.64E+02	-2.69E-02	-5.88E+00
4.30E+01	-9.30E+01	1.64E+02	-3.17E-02	-5.88E+00
4.30E+01	-9.30E+01	1.64E+02	-4.15E-02	-5.89E+00
4.30E+01	-9.30E+01	1.64E+02	-2.56E-02	-5.90E+00
4.30E+01	-9.30E+01	1.64E+02	-3.05E-02	-5.90E+00
4.31E+01	-9.30E+01	1.64E+02	-7.32E-03	-5.89E+00
4.31E+01	-9.30E+01	1.64E+02	4.88E-03	-5.88E+00
4.31E+01	-9.30E+01	1.64E+02	-1.46E-02	-5.87E+00
4.31E+01	-9.30E+01	1.64E+02	-1.22E-02	-5.87E+00
4.31E+01	-9.30E+01	1.64E+02	-2.56E-02	-5.88E+00
4.32E+01	-9.30E+01	1.64E+02	-4.15E-02	-5.87E+00
4.32E+01	-9.30E+01	1.64E+02	-3.17E-02	-5.88E+00
4.32E+01	-9.30E+01	1.64E+02	-1.22E-02	-5.88E+00
4.32E+01	-9.30E+01	1.64E+02	-3.42E-02	-5.87E+00
4.32E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.87E+00
4.33E+01	-9.30E+01	1.64E+02	-7.32E-03	-5.86E+00
4.33E+01	-9.30E+01	1.64E+02	-7.32E-03	-5.86E+00
4.33E+01	-9.30E+01	1.64E+02	-3.30E-02	-5.85E+00
4.33E+01	-9.30E+01	1.64E+02	-3.05E-02	-5.86E+00
4.33E+01	-9.30E+01	1.65E+02	-3.17E-02	-5.87E+00
4.34E+01	-9.30E+01	1.64E+02	-2.93E-02	-5.86E+00
4.34E+01	-9.30E+01	1.64E+02	-6.10E-03	-5.86E+00
4.34E+01	-9.30E+01	1.64E+02	0.00E+00	-5.86E+00
4.34E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.86E+00
4.34E+01	-9.30E+01	1.64E+02	-1.22E-02	-5.84E+00
4.35E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.84E+00
4.35E+01	-9.30E+01	1.64E+02	-2.44E-02	-5.83E+00
4.35E+01	-9.30E+01	1.64E+02	-2.81E-02	-5.85E+00
4.35E+01	-9.30E+01	1.64E+02	-2.32E-02	-5.85E+00
4.35E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.85E+00
4.36E+01	-9.30E+01	1.64E+02	-1.22E-02	-5.84E+00
4.36E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.84E+00
4.36E+01	-9.30E+01	1.64E+02	2.44E-03	-5.83E+00
4.36E+01	-9.30E+01	1.64E+02	-8.54E-03	-5.83E+00
4.36E+01	-9.30E+01	1.64E+02	-8.54E-03	-5.83E+00
4.37E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.83E+00
4.37E+01	-9.30E+01	1.64E+02	-1.46E-02	-5.82E+00
4.37E+01	-9.30E+01	1.64E+02	-3.05E-02	-5.83E+00
4.37E+01	-9.30E+01	1.64E+02	-2.08E-02	-5.82E+00
4.37E+01	-9.30E+01	1.64E+02	-2.81E-02	-5.83E+00
4.38E+01	-9.30E+01	1.64E+02	-2.69E-02	-5.83E+00
4.38E+01	-9.30E+01	1.64E+02	-5.37E-02	-5.82E+00
4.38E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.82E+00
4.38E+01	-9.30E+01	1.64E+02	-9.77E-03	-5.83E+00
4.38E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.82E+00

4.39E+01	-9.30E+01	1.64E+02	-2.44E-03	-5.81E+00
4.39E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.80E+00
4.39E+01	-9.30E+01	1.64E+02	-2.56E-02	-5.80E+00
4.39E+01	-9.30E+01	1.64E+02	-4.15E-02	-5.81E+00
4.39E+01	-9.30E+01	1.64E+02	-1.46E-02	-5.81E+00
4.40E+01	-9.30E+01	1.64E+02	-3.42E-02	-5.82E+00
4.40E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.81E+00
4.40E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.81E+00
4.40E+01	-9.30E+01	1.64E+02	-2.44E-03	-5.80E+00
4.40E+01	-9.30E+01	1.64E+02	-1.95E-02	-5.79E+00
4.41E+01	-9.30E+01	1.64E+02	-1.83E-02	-5.79E+00
4.41E+01	-9.30E+01	1.64E+02	-1.59E-02	-5.80E+00
4.41E+01	-9.30E+01	1.64E+02	-2.44E-02	-5.80E+00
4.41E+01	-9.30E+01	1.64E+02	3.66E-03	-5.80E+00
4.41E+01	-9.30E+01	1.64E+02	7.32E-03	-5.79E+00
4.42E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.80E+00
4.42E+01	-9.30E+01	1.64E+02	1.22E-03	-5.78E+00
4.42E+01	-9.30E+01	1.64E+02	-9.77E-03	-5.78E+00
4.42E+01	-9.30E+01	1.64E+02	-7.32E-03	-5.78E+00
4.42E+01	-9.30E+01	1.64E+02	-2.93E-02	-5.78E+00
4.43E+01	-9.30E+01	1.64E+02	-2.56E-02	-5.77E+00
4.43E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.78E+00
4.43E+01	-9.30E+01	1.64E+02	7.32E-03	-5.78E+00
4.43E+01	-9.30E+01	1.64E+02	-3.66E-02	-5.78E+00
4.43E+01	-9.30E+01	1.64E+02	-3.17E-02	-5.76E+00
4.44E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.77E+00
4.44E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.78E+00
4.44E+01	-9.30E+01	1.64E+02	-8.54E-03	-5.78E+00
4.44E+01	-9.30E+01	1.64E+02	0.00E+00	-5.77E+00
4.44E+01	-9.30E+01	1.64E+02	-7.32E-03	-5.77E+00
4.45E+01	-9.30E+01	1.64E+02	1.22E-02	-5.78E+00
4.45E+01	-9.30E+01	1.64E+02	-8.54E-03	-5.76E+00
4.45E+01	-9.30E+01	1.64E+02	-8.54E-03	-5.74E+00
4.45E+01	-9.30E+01	1.64E+02	3.66E-03	-5.76E+00
4.45E+01	-9.30E+01	1.64E+02	-3.42E-02	-5.75E+00
4.46E+01	-9.30E+01	1.64E+02	-3.42E-02	-5.76E+00
4.46E+01	-9.30E+01	1.64E+02	-3.66E-02	-5.76E+00
4.46E+01	-9.30E+01	1.64E+02	-2.69E-02	-5.76E+00
4.46E+01	-9.30E+01	1.64E+02	-2.08E-02	-5.75E+00
4.46E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.75E+00
4.47E+01	-9.30E+01	1.64E+02	1.95E-02	-5.75E+00
4.47E+01	-9.30E+01	1.64E+02	-9.77E-03	-5.75E+00
4.47E+01	-9.30E+01	1.64E+02	1.83E-02	-5.74E+00
4.47E+01	-9.30E+01	1.64E+02	-1.95E-02	-5.74E+00
4.47E+01	-9.30E+01	1.64E+02	-4.03E-02	-5.74E+00
4.48E+01	-9.30E+01	1.64E+02	-4.15E-02	-5.74E+00
4.48E+01	-9.30E+01	1.64E+02	-1.34E-02	-5.74E+00

4.48E+01	-9.30E+01	1.64E+02	-3.91E-02	-5.74E+00
4.48E+01	-9.30E+01	1.64E+02	-1.46E-02	-5.74E+00
4.48E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.73E+00
4.49E+01	-9.30E+01	1.64E+02	0.00E+00	-5.73E+00
4.49E+01	-9.30E+01	1.64E+02	-7.32E-03	-5.73E+00
4.49E+01	-9.30E+01	1.64E+02	-9.77E-03	-5.72E+00
4.49E+01	-9.30E+01	1.64E+02	-2.08E-02	-5.72E+00
4.49E+01	-9.30E+01	1.64E+02	-2.08E-02	-5.72E+00
4.50E+01	-9.30E+01	1.64E+02	-3.91E-02	-5.72E+00
4.50E+01	-9.30E+01	1.64E+02	-2.81E-02	-5.71E+00
4.50E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.73E+00
4.50E+01	-9.30E+01	1.64E+02	-2.44E-02	-5.72E+00
4.50E+01	-9.30E+01	1.64E+02	-7.32E-03	-5.71E+00
4.51E+01	-9.30E+01	1.64E+02	-3.66E-03	-5.71E+00
4.51E+01	-9.30E+01	1.64E+02	-4.03E-02	-5.71E+00
4.51E+01	-9.30E+01	1.64E+02	-1.95E-02	-5.71E+00
4.51E+01	-9.30E+01	1.64E+02	-2.93E-02	-5.71E+00
4.51E+01	-9.30E+01	1.63E+02	-1.59E-02	-5.71E+00
4.52E+01	-9.30E+01	1.63E+02	-2.08E-02	-5.71E+00
4.52E+01	-9.30E+01	1.64E+02	3.66E-03	-5.71E+00
4.52E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.70E+00
4.52E+01	-9.30E+01	1.64E+02	2.44E-03	-5.70E+00
4.52E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.68E+00
4.53E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.69E+00
4.53E+01	-9.30E+01	1.64E+02	-1.71E-02	-5.69E+00
4.53E+01	-9.30E+01	1.63E+02	-2.81E-02	-5.68E+00
4.53E+01	-9.30E+01	1.64E+02	-2.44E-02	-5.69E+00
4.53E+01	-9.30E+01	1.64E+02	-1.95E-02	-5.70E+00
4.54E+01	-9.30E+01	1.64E+02	-1.34E-02	-5.68E+00
4.54E+01	-9.30E+01	1.63E+02	-9.77E-03	-5.68E+00
4.54E+01	-9.30E+01	1.64E+02	-2.20E-02	-5.68E+00
4.54E+01	-9.30E+01	1.64E+02	-2.44E-02	-5.68E+00
4.54E+01	-9.30E+01	1.63E+02	-2.69E-02	-5.68E+00
4.55E+01	-9.30E+01	1.63E+02	-2.69E-02	-5.68E+00
4.55E+01	-9.30E+01	1.63E+02	-1.22E-02	-5.68E+00
4.55E+01	-9.30E+01	1.64E+02	-4.88E-03	-5.68E+00
4.55E+01	-9.30E+01	1.63E+02	2.44E-03	-5.68E+00
4.55E+01	-9.30E+01	1.63E+02	2.44E-03	-5.67E+00
4.56E+01	-9.30E+01	1.64E+02	0.00E+00	-5.66E+00
4.56E+01	-9.30E+01	1.63E+02	-3.42E-02	-5.68E+00
4.56E+01	-9.30E+01	1.63E+02	-5.86E-02	-5.66E+00
4.56E+01	-9.30E+01	1.63E+02	-1.10E-02	-5.68E+00
4.56E+01	-9.30E+01	1.63E+02	-2.44E-03	-5.66E+00
4.57E+01	-9.30E+01	1.63E+02	-7.32E-03	-5.65E+00
4.57E+01	-9.30E+01	1.63E+02	-9.77E-03	-5.65E+00
4.57E+01	-9.30E+01	1.63E+02	-3.66E-02	-5.66E+00
4.57E+01	-9.30E+01	1.63E+02	-5.37E-02	-5.66E+00

4.57E+01	-9.30E+01	1.63E+02	-1.34E-02	-5.66E+00
4.58E+01	-9.30E+01	1.63E+02	9.77E-03	-5.66E+00
4.58E+01	-9.30E+01	1.63E+02	-1.10E-02	-5.65E+00
4.58E+01	-9.30E+01	1.63E+02	4.88E-03	-5.63E+00
4.58E+01	-9.30E+01	1.63E+02	0.00E+00	-5.65E+00
4.58E+01	-9.30E+01	1.63E+02	-3.54E-02	-5.64E+00
4.59E+01	-9.30E+01	1.63E+02	-2.20E-02	-5.64E+00
4.59E+01	-9.30E+01	1.63E+02	-3.42E-02	-5.65E+00
4.59E+01	-9.30E+01	1.63E+02	-4.88E-02	-5.65E+00
4.59E+01	-9.30E+01	1.63E+02	-2.44E-02	-5.64E+00
4.59E+01	-9.30E+01	1.63E+02	1.71E-02	-5.65E+00
4.60E+01	-9.30E+01	1.63E+02	-2.44E-03	-5.64E+00
4.60E+01	-9.30E+01	1.63E+02	-1.95E-02	-5.62E+00
4.60E+01	-9.30E+01	1.63E+02	-6.10E-03	-5.62E+00
4.60E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.63E+00
4.60E+01	-9.30E+01	1.63E+02	-2.44E-02	-5.63E+00
4.61E+01	-9.30E+01	1.63E+02	-3.30E-02	-5.63E+00
4.61E+01	-9.30E+01	1.63E+02	-1.95E-02	-5.63E+00
4.61E+01	-9.30E+01	1.63E+02	-7.32E-03	-5.63E+00
4.61E+01	-9.30E+01	1.63E+02	-4.88E-03	-5.62E+00
4.61E+01	-9.30E+01	1.64E+02	4.88E-03	-5.62E+00
4.62E+01	-9.30E+01	1.63E+02	-1.46E-02	-5.61E+00
4.62E+01	-9.30E+01	1.63E+02	8.54E-03	-5.61E+00
4.62E+01	-9.30E+01	1.63E+02	-2.20E-02	-5.61E+00
4.62E+01	-9.30E+01	1.63E+02	-1.10E-02	-5.63E+00
4.62E+01	-9.30E+01	1.63E+02	-2.44E-02	-5.62E+00
4.63E+01	-9.30E+01	1.63E+02	9.77E-03	-5.62E+00
4.63E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.62E+00
4.63E+01	-9.30E+01	1.63E+02	-7.32E-03	-5.60E+00
4.63E+01	-9.30E+01	1.63E+02	-8.54E-03	-5.60E+00
4.63E+01	-9.30E+01	1.63E+02	1.71E-02	-5.60E+00
4.64E+01	-9.30E+01	1.63E+02	-1.71E-02	-5.60E+00
4.64E+01	-9.30E+01	1.63E+02	1.10E-02	-5.60E+00
4.64E+01	-9.30E+01	1.63E+02	-2.81E-02	-5.60E+00
4.64E+01	-9.30E+01	1.63E+02	-2.93E-02	-5.61E+00
4.64E+01	-9.30E+01	1.63E+02	-4.15E-02	-5.59E+00
4.65E+01	-9.30E+01	1.63E+02	-9.77E-03	-5.60E+00
4.65E+01	-9.30E+01	1.63E+02	0.00E+00	-5.59E+00
4.65E+01	-9.30E+01	1.63E+02	-9.77E-03	-5.60E+00
4.65E+01	-9.30E+01	1.63E+02	0.00E+00	-5.58E+00
4.65E+01	-9.30E+01	1.63E+02	1.22E-03	-5.57E+00
4.66E+01	-9.30E+01	1.63E+02	-1.46E-02	-5.58E+00
4.66E+01	-9.30E+01	1.63E+02	-3.17E-02	-5.58E+00
4.66E+01	-9.30E+01	1.63E+02	-2.93E-02	-5.58E+00
4.66E+01	-9.30E+01	1.63E+02	-2.20E-02	-5.58E+00
4.66E+01	-9.30E+01	1.62E+02	-2.32E-02	-5.59E+00
4.67E+01	-9.30E+01	1.63E+02	4.88E-03	-5.59E+00

4.67E+01	-9.30E+01	1.62E+02	9.77E-03	-5.57E+00
4.67E+01	-9.30E+01	1.63E+02	-2.20E-02	-5.57E+00
4.67E+01	-9.30E+01	1.63E+02	-2.81E-02	-5.56E+00
4.67E+01	-9.30E+01	1.63E+02	-2.56E-02	-5.57E+00
4.68E+01	-9.30E+01	1.63E+02	-3.66E-02	-5.57E+00
4.68E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.57E+00
4.68E+01	-9.30E+01	1.63E+02	7.32E-03	-5.57E+00
4.68E+01	-9.30E+01	1.63E+02	-1.22E-03	-5.56E+00
4.68E+01	-9.30E+01	1.63E+02	0.00E+00	-5.56E+00
4.69E+01	-9.30E+01	1.63E+02	-1.10E-02	-5.55E+00
4.69E+01	-9.30E+01	1.63E+02	-3.66E-02	-5.57E+00
4.69E+01	-9.30E+01	1.63E+02	-3.78E-02	-5.56E+00
4.69E+01	-9.30E+01	1.63E+02	-3.17E-02	-5.56E+00
4.69E+01	-9.30E+01	1.62E+02	-2.93E-02	-5.56E+00
4.70E+01	-9.30E+01	1.62E+02	-3.17E-02	-5.55E+00
4.70E+01	-9.30E+01	1.63E+02	2.44E-03	-5.55E+00
4.70E+01	-9.30E+01	1.63E+02	2.44E-03	-5.55E+00
4.70E+01	-9.30E+01	1.63E+02	-1.46E-02	-5.54E+00
4.70E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.54E+00
4.71E+01	-9.30E+01	1.62E+02	-3.91E-02	-5.55E+00
4.71E+01	-9.30E+01	1.63E+02	-2.69E-02	-5.55E+00
4.71E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.55E+00
4.71E+01	-9.30E+01	1.62E+02	2.56E-02	-5.54E+00
4.71E+01	-9.30E+01	1.63E+02	-9.77E-03	-5.53E+00
4.72E+01	-9.30E+01	1.63E+02	0.00E+00	-5.52E+00
4.72E+01	-9.30E+01	1.63E+02	-9.77E-03	-5.53E+00
4.72E+01	-9.30E+01	1.62E+02	-1.71E-02	-5.52E+00
4.72E+01	-9.30E+01	1.63E+02	-2.69E-02	-5.53E+00
4.72E+01	-9.30E+01	1.63E+02	-2.56E-02	-5.52E+00
4.73E+01	-9.30E+01	1.62E+02	-3.17E-02	-5.53E+00
4.73E+01	-9.30E+01	1.62E+02	-5.37E-02	-5.52E+00
4.73E+01	-9.30E+01	1.63E+02	-4.88E-03	-5.52E+00
4.73E+01	-9.30E+01	1.63E+02	4.88E-03	-5.53E+00
4.73E+01	-9.30E+01	1.63E+02	-2.44E-02	-5.51E+00
4.74E+01	-9.30E+01	1.63E+02	-2.44E-02	-5.52E+00
4.74E+01	-9.30E+01	1.63E+02	-2.93E-02	-5.52E+00
4.74E+01	-9.30E+01	1.63E+02	-1.71E-02	-5.52E+00
4.74E+01	-9.30E+01	1.63E+02	-2.44E-03	-5.52E+00
4.74E+01	-9.30E+01	1.62E+02	7.32E-03	-5.52E+00
4.75E+01	-9.30E+01	1.63E+02	-7.32E-03	-5.51E+00
4.75E+01	-9.30E+01	1.63E+02	-1.22E-02	-5.50E+00
4.75E+01	-9.30E+01	1.63E+02	-3.17E-02	-5.50E+00
4.75E+01	-9.30E+01	1.62E+02	-4.64E-02	-5.51E+00
4.75E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.50E+00
4.76E+01	-9.30E+01	1.63E+02	-1.22E-03	-5.50E+00
4.76E+01	-9.30E+01	1.63E+02	-1.46E-02	-5.50E+00
4.76E+01	-9.30E+01	1.63E+02	-6.10E-03	-5.50E+00

4.76E+01	-9.30E+01	1.63E+02	2.44E-03	-5.49E+00
4.76E+01	-9.30E+01	1.63E+02	-3.66E-02	-5.49E+00
4.77E+01	-9.30E+01	1.63E+02	-3.66E-02	-5.48E+00
4.77E+01	-9.30E+01	1.63E+02	-3.66E-02	-5.49E+00
4.77E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.50E+00
4.77E+01	-9.30E+01	1.63E+02	-1.83E-02	-5.49E+00
4.77E+01	-9.30E+01	1.63E+02	1.22E-03	-5.49E+00
4.78E+01	-9.30E+01	1.63E+02	-6.10E-03	-5.48E+00
4.78E+01	-9.30E+01	1.63E+02	-1.46E-02	-5.47E+00
4.78E+01	-9.30E+01	1.63E+02	-2.44E-03	-5.48E+00
4.78E+01	-9.30E+01	1.63E+02	-2.93E-02	-5.48E+00
4.78E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.49E+00
4.79E+01	-9.30E+01	1.62E+02	-1.10E-02	-5.48E+00
4.79E+01	-9.30E+01	1.63E+02	-1.46E-02	-5.47E+00
4.79E+01	-9.30E+01	1.63E+02	7.32E-03	-5.47E+00
4.79E+01	-9.30E+01	1.63E+02	-7.32E-03	-5.47E+00
4.79E+01	-9.30E+01	1.62E+02	0.00E+00	-5.47E+00
4.80E+01	-9.30E+01	1.63E+02	2.44E-03	-5.45E+00
4.80E+01	-9.30E+01	1.63E+02	-2.44E-02	-5.45E+00
4.80E+01	-9.30E+01	1.63E+02	-1.95E-02	-5.45E+00
4.80E+01	-9.30E+01	1.62E+02	-2.69E-02	-5.47E+00
4.80E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.46E+00
4.81E+01	-9.30E+01	1.63E+02	7.32E-03	-5.46E+00
4.81E+01	-9.30E+01	1.63E+02	3.66E-03	-5.46E+00
4.81E+01	-9.30E+01	1.62E+02	-1.10E-02	-5.47E+00
4.81E+01	-9.30E+01	1.62E+02	-2.08E-02	-5.45E+00
4.81E+01	-9.30E+01	1.63E+02	0.00E+00	-5.45E+00
4.82E+01	-9.30E+01	1.63E+02	1.22E-03	-5.45E+00
4.82E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.44E+00
4.82E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.43E+00
4.82E+01	-9.30E+01	1.63E+02	-1.22E-02	-5.44E+00
4.82E+01	-9.30E+01	1.63E+02	-4.15E-02	-5.44E+00
4.83E+01	-9.30E+01	1.63E+02	-3.66E-02	-5.44E+00
4.83E+01	-9.30E+01	1.62E+02	-3.42E-02	-5.43E+00
4.83E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.44E+00
4.83E+01	-9.30E+01	1.63E+02	-9.77E-03	-5.43E+00
4.83E+01	-9.30E+01	1.63E+02	-2.08E-02	-5.43E+00
4.84E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.43E+00
4.84E+01	-9.30E+01	1.62E+02	-3.17E-02	-5.42E+00
4.84E+01	-9.30E+01	1.63E+02	-3.42E-02	-5.43E+00
4.84E+01	-9.30E+01	1.63E+02	-1.95E-02	-5.44E+00
4.84E+01	-9.30E+01	1.62E+02	-2.69E-02	-5.44E+00
4.85E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.43E+00
4.85E+01	-9.30E+01	1.62E+02	2.44E-03	-5.42E+00
4.85E+01	-9.30E+01	1.63E+02	-6.10E-03	-5.42E+00
4.85E+01	-9.30E+01	1.63E+02	-3.91E-02	-5.41E+00
4.85E+01	-9.30E+01	1.62E+02	-2.56E-02	-5.42E+00

4.86E+01	-9.30E+01	1.62E+02	-2.08E-02	-5.42E+00
4.86E+01	-9.30E+01	1.62E+02	-1.10E-02	-5.42E+00
4.86E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.41E+00
4.86E+01	-9.30E+01	1.62E+02	-4.15E-02	-5.41E+00
4.86E+01	-9.30E+01	1.62E+02	-3.66E-03	-5.40E+00
4.87E+01	-9.30E+01	1.63E+02	-7.32E-03	-5.40E+00
4.87E+01	-9.30E+01	1.62E+02	4.88E-03	-5.40E+00
4.87E+01	-9.30E+01	1.62E+02	-3.66E-02	-5.40E+00
4.87E+01	-9.30E+01	1.62E+02	-3.30E-02	-5.40E+00
4.87E+01	-9.30E+01	1.62E+02	-1.59E-02	-5.41E+00
4.88E+01	-9.30E+01	1.63E+02	-1.83E-02	-5.40E+00
4.88E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.40E+00
4.88E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.39E+00
4.88E+01	-9.30E+01	1.62E+02	-3.17E-02	-5.39E+00
4.88E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.41E+00
4.89E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.40E+00
4.89E+01	-9.30E+01	1.62E+02	-3.30E-02	-5.40E+00
4.89E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.39E+00
4.89E+01	-9.30E+01	1.62E+02	1.71E-02	-5.39E+00
4.89E+01	-9.30E+01	1.62E+02	0.00E+00	-5.38E+00
4.90E+01	-9.30E+01	1.62E+02	1.71E-02	-5.37E+00
4.90E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.37E+00
4.90E+01	-9.30E+01	1.62E+02	-2.56E-02	-5.39E+00
4.90E+01	-9.30E+01	1.62E+02	-4.15E-02	-5.38E+00
4.90E+01	-9.30E+01	1.62E+02	0.00E+00	-5.38E+00
4.91E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.38E+00
4.91E+01	-9.30E+01	1.62E+02	-4.15E-02	-5.36E+00
4.91E+01	-9.30E+01	1.62E+02	-3.66E-03	-5.37E+00
4.91E+01	-9.30E+01	1.62E+02	7.32E-03	-5.36E+00
4.91E+01	-9.30E+01	1.62E+02	-2.08E-02	-5.36E+00
4.92E+01	-9.30E+01	1.63E+02	-1.83E-02	-5.36E+00
4.92E+01	-9.30E+01	1.62E+02	-3.91E-02	-5.36E+00
4.92E+01	-9.30E+01	1.62E+02	-3.42E-02	-5.37E+00
4.92E+01	-9.30E+01	1.62E+02	-3.30E-02	-5.38E+00
4.92E+01	-9.30E+01	1.62E+02	-8.54E-03	-5.37E+00
4.93E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.37E+00
4.93E+01	-9.30E+01	1.62E+02	-7.32E-03	-5.36E+00
4.93E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.35E+00
4.93E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.35E+00
4.93E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.35E+00
4.94E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.34E+00
4.94E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.34E+00
4.94E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.34E+00
4.94E+01	-9.30E+01	1.62E+02	-2.93E-02	-5.34E+00
4.94E+01	-9.30E+01	1.62E+02	-3.91E-02	-5.34E+00
4.95E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.35E+00
4.95E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.35E+00

4.95E+01	-9.30E+01	1.61E+02	-1.83E-02	-5.34E+00
4.95E+01	-9.30E+01	1.61E+02	-1.22E-02	-5.34E+00
4.95E+01	-9.30E+01	1.61E+02	-4.88E-03	-5.33E+00
4.96E+01	-9.30E+01	1.62E+02	0.00E+00	-5.34E+00
4.96E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.32E+00
4.96E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.32E+00
4.96E+01	-9.30E+01	1.62E+02	-8.54E-03	-5.32E+00
4.96E+01	-9.30E+01	1.62E+02	-2.93E-02	-5.33E+00
4.97E+01	-9.30E+01	1.62E+02	-2.32E-02	-5.33E+00
4.97E+01	-9.30E+01	1.62E+02	-2.69E-02	-5.34E+00
4.97E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.33E+00
4.97E+01	-9.30E+01	1.62E+02	-1.71E-02	-5.32E+00
4.97E+01	-9.30E+01	1.62E+02	-1.59E-02	-5.32E+00
4.98E+01	-9.30E+01	1.62E+02	1.22E-02	-5.32E+00
4.98E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.31E+00
4.98E+01	-9.30E+01	1.62E+02	-5.98E-02	-5.30E+00
4.98E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.31E+00
4.98E+01	-9.30E+01	1.62E+02	-2.93E-02	-5.31E+00
4.99E+01	-9.30E+01	1.62E+02	-1.71E-02	-5.31E+00
4.99E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.31E+00
4.99E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.30E+00
4.99E+01	-9.30E+01	1.62E+02	1.22E-03	-5.29E+00
4.99E+01	-9.30E+01	1.62E+02	-6.10E-03	-5.30E+00
5.00E+01	-9.30E+01	1.62E+02	-1.10E-02	-5.29E+00
5.00E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.29E+00
5.00E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.29E+00
5.00E+01	-9.30E+01	1.62E+02	-2.32E-02	-5.29E+00
5.00E+01	-9.30E+01	1.61E+02	-1.22E-02	-5.30E+00
5.01E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.30E+00
5.01E+01	-9.30E+01	1.62E+02	1.10E-02	-5.29E+00
5.01E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.28E+00
5.01E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.27E+00
5.01E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.28E+00
5.02E+01	-9.30E+01	1.63E+02	-5.13E-02	-5.29E+00
5.02E+01	-9.30E+01	1.62E+02	-1.34E-02	-5.28E+00
5.02E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.27E+00
5.02E+01	-9.30E+01	1.62E+02	-7.32E-03	-5.28E+00
5.02E+01	-9.30E+01	1.62E+02	-8.54E-03	-5.28E+00
5.03E+01	-9.30E+01	1.63E+02	-1.95E-02	-5.27E+00
5.03E+01	-9.30E+01	1.62E+02	-3.66E-02	-5.27E+00
5.03E+01	-9.30E+01	1.62E+02	-8.54E-03	-5.28E+00
5.03E+01	-9.30E+01	1.62E+02	-7.32E-03	-5.27E+00
5.03E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.27E+00
5.04E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.25E+00
5.04E+01	-9.30E+01	1.62E+02	-1.34E-02	-5.26E+00
5.04E+01	-9.30E+01	1.62E+02	-3.17E-02	-5.26E+00
5.04E+01	-9.30E+01	1.62E+02	-2.69E-02	-5.26E+00

5.04E+01	-9.30E+01	1.62E+02	-1.71E-02	-5.25E+00
5.05E+01	-9.30E+01	1.62E+02	-3.17E-02	-5.26E+00
5.05E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.26E+00
5.05E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.26E+00
5.05E+01	-9.30E+01	1.62E+02	0.00E+00	-5.27E+00
5.05E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.25E+00
5.06E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.24E+00
5.06E+01	-9.30E+01	1.62E+02	4.88E-03	-5.24E+00
5.06E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.24E+00
5.06E+01	-9.30E+01	1.62E+02	-3.91E-02	-5.24E+00
5.06E+01	-9.30E+01	1.62E+02	-1.83E-02	-5.25E+00
5.07E+01	-9.30E+01	1.62E+02	-1.71E-02	-5.25E+00
5.07E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.24E+00
5.07E+01	-9.30E+01	1.62E+02	1.46E-02	-5.23E+00
5.07E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.23E+00
5.07E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.23E+00
5.08E+01	-9.30E+01	1.62E+02	-3.30E-02	-5.22E+00
5.08E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.24E+00
5.08E+01	-9.30E+01	1.62E+02	-3.17E-02	-5.24E+00
5.08E+01	-9.30E+01	1.62E+02	-7.32E-03	-5.23E+00
5.08E+01	-9.30E+01	1.62E+02	2.44E-03	-5.22E+00
5.09E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.22E+00
5.09E+01	-9.30E+01	1.63E+02	9.77E-03	-5.21E+00
5.09E+01	-9.30E+01	1.63E+02	-7.32E-03	-5.22E+00
5.09E+01	-9.30E+01	1.62E+02	-3.30E-02	-5.21E+00
5.09E+01	-9.30E+01	1.62E+02	-3.66E-02	-5.21E+00
5.10E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.23E+00
5.10E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.22E+00
5.10E+01	-9.30E+01	1.62E+02	1.22E-02	-5.21E+00
5.10E+01	-9.30E+01	1.62E+02	-7.32E-03	-5.21E+00
5.10E+01	-9.30E+01	1.62E+02	-3.42E-02	-5.21E+00
5.11E+01	-9.30E+01	1.62E+02	-3.17E-02	-5.20E+00
5.11E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.20E+00
5.11E+01	-9.30E+01	1.62E+02	-1.10E-02	-5.21E+00
5.11E+01	-9.30E+01	1.62E+02	-1.34E-02	-5.20E+00
5.11E+01	-9.30E+01	1.62E+02	1.95E-02	-5.20E+00
5.12E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.20E+00
5.12E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.18E+00
5.12E+01	-9.30E+01	1.62E+02	-1.83E-02	-5.19E+00
5.12E+01	-9.30E+01	1.62E+02	-3.42E-02	-5.20E+00
5.12E+01	-9.30E+01	1.62E+02	-3.66E-02	-5.19E+00
5.13E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.20E+00
5.13E+01	-9.30E+01	1.62E+02	0.00E+00	-5.20E+00
5.13E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.19E+00
5.13E+01	-9.30E+01	1.62E+02	1.71E-02	-5.17E+00
5.13E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.18E+00
5.14E+01	-9.30E+01	1.62E+02	-5.37E-02	-5.19E+00

5.14E+01	-9.30E+01	1.62E+02	-1.59E-02	-5.18E+00
5.14E+01	-9.30E+01	1.62E+02	-1.83E-02	-5.19E+00
5.14E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.17E+00
5.14E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.17E+00
5.15E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.16E+00
5.15E+01	-9.30E+01	1.62E+02	-2.93E-02	-5.17E+00
5.15E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.18E+00
5.15E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.18E+00
5.15E+01	-9.30E+01	1.62E+02	-2.44E-03	-5.17E+00
5.16E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.17E+00
5.16E+01	-9.30E+01	1.62E+02	2.44E-03	-5.15E+00
5.16E+01	-9.30E+01	1.62E+02	-7.32E-03	-5.16E+00
5.16E+01	-9.30E+01	1.62E+02	-1.71E-02	-5.15E+00
5.16E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.16E+00
5.17E+01	-9.30E+01	1.62E+02	-4.15E-02	-5.16E+00
5.17E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.16E+00
5.17E+01	-9.30E+01	1.62E+02	-3.17E-02	-5.15E+00
5.17E+01	-9.30E+01	1.62E+02	-7.32E-03	-5.15E+00
5.17E+01	-9.30E+01	1.62E+02	-6.10E-03	-5.15E+00
5.18E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.14E+00
5.18E+01	-9.30E+01	1.62E+02	-4.15E-02	-5.15E+00
5.18E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.14E+00
5.18E+01	-9.30E+01	1.62E+02	-2.93E-02	-5.15E+00
5.18E+01	-9.30E+01	1.62E+02	-2.08E-02	-5.15E+00
5.19E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.13E+00
5.19E+01	-9.30E+01	1.62E+02	-1.22E-03	-5.14E+00
5.19E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.13E+00
5.19E+01	-9.30E+01	1.62E+02	-3.91E-02	-5.13E+00
5.19E+01	-9.30E+01	1.62E+02	-2.69E-02	-5.13E+00
5.20E+01	-9.30E+01	1.62E+02	-3.05E-02	-5.13E+00
5.20E+01	-9.30E+01	1.62E+02	-2.93E-02	-5.14E+00
5.20E+01	-9.30E+01	1.62E+02	-1.71E-02	-5.14E+00
5.20E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.13E+00
5.20E+01	-9.30E+01	1.62E+02	-2.69E-02	-5.13E+00
5.21E+01	-9.30E+01	1.61E+02	-1.71E-02	-5.13E+00
5.21E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.13E+00
5.21E+01	-9.30E+01	1.62E+02	-1.22E-03	-5.11E+00
5.21E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.11E+00
5.21E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.11E+00
5.22E+01	-9.30E+01	1.62E+02	-3.66E-02	-5.12E+00
5.22E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.12E+00
5.22E+01	-9.30E+01	1.62E+02	1.46E-02	-5.12E+00
5.22E+01	-9.30E+01	1.62E+02	1.59E-02	-5.11E+00
5.22E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.10E+00
5.23E+01	-9.30E+01	1.62E+02	0.00E+00	-5.10E+00
5.23E+01	-9.30E+01	1.62E+02	-1.59E-02	-5.10E+00
5.23E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.10E+00

5.23E+01	-9.30E+01	1.62E+02	-3.42E-02	-5.10E+00
5.23E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.11E+00
5.24E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.10E+00
5.24E+01	-9.30E+01	1.62E+02	2.44E-03	-5.09E+00
5.24E+01	-9.30E+01	1.62E+02	-8.54E-03	-5.09E+00
5.24E+01	-9.30E+01	1.62E+02	-3.66E-02	-5.09E+00
5.24E+01	-9.30E+01	1.62E+02	-2.69E-02	-5.09E+00
5.25E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.09E+00
5.25E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.09E+00
5.25E+01	-9.30E+01	1.62E+02	2.44E-03	-5.08E+00
5.25E+01	-9.30E+01	1.62E+02	-7.32E-03	-5.08E+00
5.25E+01	-9.30E+01	1.62E+02	-1.71E-02	-5.08E+00
5.26E+01	-9.30E+01	1.62E+02	-2.20E-02	-5.07E+00
5.26E+01	-9.30E+01	1.62E+02	-2.44E-02	-5.08E+00
5.26E+01	-9.30E+01	1.61E+02	-2.93E-02	-5.09E+00
5.26E+01	-9.30E+01	1.61E+02	-4.64E-02	-5.08E+00
5.26E+01	-9.30E+01	1.62E+02	0.00E+00	-5.07E+00
5.27E+01	-9.30E+01	1.61E+02	2.44E-03	-5.07E+00
5.27E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.06E+00
5.27E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.06E+00
5.27E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.07E+00
5.27E+01	-9.30E+01	1.62E+02	-3.66E-02	-5.07E+00
5.28E+01	-9.30E+01	1.62E+02	-5.37E-02	-5.06E+00
5.28E+01	-9.30E+01	1.62E+02	-6.10E-03	-5.07E+00
5.28E+01	-9.30E+01	1.62E+02	-8.54E-03	-5.07E+00
5.28E+01	-9.30E+01	1.62E+02	-1.46E-02	-5.05E+00
5.28E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.05E+00
5.29E+01	-9.30E+01	1.62E+02	-3.91E-02	-5.06E+00
5.29E+01	-9.30E+01	1.62E+02	-3.42E-02	-5.06E+00
5.29E+01	-9.30E+01	1.62E+02	-9.77E-03	-5.06E+00
5.29E+01	-9.30E+01	1.62E+02	4.88E-03	-5.05E+00
5.29E+01	-9.30E+01	1.62E+02	-4.88E-03	-5.04E+00
5.30E+01	-9.30E+01	1.62E+02	-1.71E-02	-5.04E+00
5.30E+01	-9.30E+01	1.62E+02	-3.42E-02	-5.05E+00
5.30E+01	-9.30E+01	1.61E+02	-6.10E-03	-5.05E+00
5.30E+01	-9.30E+01	1.61E+02	-1.59E-02	-5.05E+00
5.30E+01	-9.30E+01	1.61E+02	-1.95E-02	-5.04E+00
5.31E+01	-9.30E+01	1.62E+02	0.00E+00	-5.04E+00
5.31E+01	-9.30E+01	1.62E+02	2.44E-03	-5.04E+00
5.31E+01	-9.30E+01	1.61E+02	-2.20E-02	-5.03E+00
5.31E+01	-9.30E+01	1.61E+02	-1.22E-03	-5.02E+00
5.31E+01	-9.30E+01	1.62E+02	-3.66E-02	-5.04E+00
5.32E+01	-9.30E+01	1.62E+02	-5.25E-02	-5.03E+00
5.32E+01	-9.30E+01	1.61E+02	-4.03E-02	-5.03E+00
5.32E+01	-9.30E+01	1.61E+02	-9.77E-03	-5.03E+00
5.32E+01	-9.30E+01	1.61E+02	-3.17E-02	-5.04E+00
5.32E+01	-9.30E+01	1.62E+02	-1.10E-02	-5.02E+00

5.33E+01	-9.30E+01	1.62E+02	1.59E-02	-5.04E+00
5.33E+01	-9.30E+01	1.61E+02	-7.32E-03	-5.02E+00
5.33E+01	-9.30E+01	1.62E+02	-7.32E-03	-5.01E+00
5.33E+01	-9.30E+01	1.62E+02	-1.95E-02	-5.01E+00
5.33E+01	-9.30E+01	1.61E+02	-3.42E-02	-5.02E+00
5.34E+01	-9.30E+01	1.61E+02	-2.93E-02	-5.02E+00
5.34E+01	-9.30E+01	1.62E+02	-7.08E-02	-5.01E+00
5.34E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.01E+00
5.34E+01	-9.30E+01	1.62E+02	2.44E-03	-5.03E+00
5.34E+01	-9.30E+01	1.62E+02	-1.22E-02	-5.01E+00
5.35E+01	-9.30E+01	1.61E+02	2.44E-03	-4.99E+00
5.35E+01	-9.30E+01	1.61E+02	4.88E-03	-5.01E+00
5.35E+01	-9.30E+01	1.61E+02	-2.20E-02	-5.00E+00
5.35E+01	-9.30E+01	1.62E+02	-3.30E-02	-5.00E+00
5.35E+01	-9.30E+01	1.62E+02	-1.34E-02	-5.01E+00
5.36E+01	-9.30E+01	1.61E+02	-3.66E-02	-5.01E+00
5.36E+01	-9.30E+01	1.61E+02	-2.44E-02	-5.00E+00
5.36E+01	-9.30E+01	1.62E+02	-1.10E-02	-5.00E+00
5.36E+01	-9.30E+01	1.61E+02	4.88E-03	-5.00E+00
5.36E+01	-9.30E+01	1.61E+02	1.22E-03	-4.99E+00
5.37E+01	-9.30E+01	1.62E+02	-7.32E-03	-4.98E+00
5.37E+01	-9.30E+01	1.62E+02	-1.22E-02	-4.98E+00
5.37E+01	-9.30E+01	1.62E+02	-1.46E-02	-4.98E+00
5.37E+01	-9.30E+01	1.61E+02	-3.66E-02	-4.98E+00
5.37E+01	-9.30E+01	1.61E+02	-2.69E-02	-4.98E+00
5.38E+01	-9.30E+01	1.61E+02	-3.91E-02	-4.99E+00
5.38E+01	-9.30E+01	1.62E+02	-1.46E-02	-4.98E+00
5.38E+01	-9.30E+01	1.61E+02	-3.66E-03	-4.98E+00
5.38E+01	-9.30E+01	1.61E+02	7.32E-03	-4.98E+00
5.38E+01	-9.30E+01	1.61E+02	-9.77E-03	-4.97E+00
5.39E+01	-9.30E+01	1.62E+02	-4.88E-03	-4.96E+00
5.39E+01	-9.30E+01	1.62E+02	0.00E+00	-4.96E+00
5.39E+01	-9.30E+01	1.61E+02	0.00E+00	-4.97E+00
5.39E+01	-9.30E+01	1.61E+02	0.00E+00	-4.96E+00
5.39E+01	-9.30E+01	1.62E+02	-7.32E-03	-4.96E+00
5.40E+01	-9.30E+01	1.61E+02	-1.22E-02	-4.95E+00
5.40E+01	-9.30E+01	1.62E+02	-4.76E-02	-4.95E+00
5.40E+01	-9.30E+01	1.61E+02	-2.20E-02	-4.96E+00
5.40E+01	-9.30E+01	1.61E+02	-3.42E-02	-4.96E+00
5.40E+01	-9.30E+01	1.61E+02	-3.66E-02	-4.96E+00
5.41E+01	-9.30E+01	1.61E+02	-3.66E-02	-4.96E+00
5.41E+01	-9.30E+01	1.61E+02	-2.93E-02	-4.95E+00
5.41E+01	-9.30E+01	1.61E+02	-1.46E-02	-4.95E+00
5.41E+01	-9.30E+01	1.61E+02	4.88E-03	-4.95E+00
5.41E+01	-9.30E+01	1.62E+02	-2.20E-02	-4.94E+00
5.42E+01	-9.30E+01	1.61E+02	-1.83E-02	-4.94E+00
5.42E+01	-9.30E+01	1.61E+02	-2.08E-02	-4.95E+00

5.42E+01	-9.30E+01	1.61E+02	3.66E-03	-4.95E+00
5.42E+01	-9.30E+01	1.61E+02	-3.17E-02	-4.94E+00
5.42E+01	-9.30E+01	1.61E+02	-2.93E-02	-4.94E+00
5.43E+01	-9.30E+01	1.61E+02	-2.20E-02	-4.95E+00
5.43E+01	-9.30E+01	1.61E+02	-3.17E-02	-4.95E+00
5.43E+01	-9.30E+01	1.61E+02	-4.88E-03	-4.93E+00
5.43E+01	-9.30E+01	1.61E+02	3.05E-02	-4.93E+00
5.43E+01	-9.30E+01	1.61E+02	-4.88E-03	-4.92E+00
5.44E+01	-9.30E+01	1.61E+02	-1.95E-02	-4.92E+00
5.44E+01	-9.30E+01	1.61E+02	-1.22E-02	-4.93E+00
5.44E+01	-9.30E+01	1.61E+02	-2.69E-02	-4.94E+00
5.44E+01	-9.30E+01	1.61E+02	-2.81E-02	-4.93E+00
5.44E+01	-9.30E+01	1.61E+02	-2.44E-02	-4.93E+00
5.45E+01	-9.30E+01	1.61E+02	-9.77E-03	-4.93E+00
5.45E+01	-9.30E+01	1.61E+02	-8.54E-03	-4.92E+00
5.45E+01	-9.30E+01	1.62E+02	-2.44E-03	-4.92E+00
5.45E+01	-9.30E+01	1.61E+02	-2.44E-03	-4.92E+00
5.45E+01	-9.30E+01	1.61E+02	2.44E-03	-4.92E+00
5.46E+01	-9.30E+01	1.61E+02	-9.77E-03	-4.91E+00
5.46E+01	-9.30E+01	1.61E+02	-1.95E-02	-4.90E+00
5.46E+01	-9.30E+01	1.61E+02	-4.64E-02	-4.91E+00
5.46E+01	-9.30E+01	1.61E+02	-2.69E-02	-4.92E+00
5.46E+01	-9.30E+01	1.61E+02	-1.71E-02	-4.91E+00
5.47E+01	-9.30E+01	1.61E+02	-4.88E-03	-4.91E+00
5.47E+01	-9.30E+01	1.61E+02	0.00E+00	-4.90E+00
5.47E+01	-9.30E+01	1.61E+02	-1.46E-02	-4.89E+00
5.47E+01	-9.30E+01	1.62E+02	1.71E-02	-4.89E+00
5.47E+01	-9.30E+01	1.62E+02	-4.88E-03	-4.90E+00
5.48E+01	-9.30E+01	1.62E+02	-4.88E-02	-4.88E+00
5.48E+01	-9.30E+01	1.61E+02	-2.56E-02	-4.90E+00
5.48E+01	-9.30E+01	1.61E+02	-2.56E-02	-4.91E+00
5.48E+01	-9.30E+01	1.61E+02	-1.95E-02	-4.89E+00
5.48E+01	-9.30E+01	1.61E+02	-4.88E-03	-4.89E+00
5.49E+01	-9.30E+01	1.61E+02	-2.20E-02	-4.90E+00
5.49E+01	-9.30E+01	1.62E+02	-6.10E-03	-4.88E+00
5.49E+01	-9.30E+01	1.62E+02	-1.46E-02	-4.88E+00
5.49E+01	-9.30E+01	1.61E+02	-2.44E-02	-4.88E+00
5.49E+01	-9.30E+01	1.61E+02	-3.17E-02	-4.89E+00
5.50E+01	-9.30E+01	1.61E+02	-2.93E-02	-4.88E+00
5.50E+01	-9.30E+01	1.61E+02	4.88E-03	-4.89E+00
5.50E+01	-9.30E+01	1.61E+02	-1.46E-02	-4.88E+00
5.50E+01	-9.30E+01	1.61E+02	-1.71E-02	-4.89E+00
5.50E+01	-9.30E+01	1.62E+02	-1.22E-02	-4.87E+00
5.51E+01	-9.30E+01	1.61E+02	4.88E-03	-4.87E+00
5.51E+01	-9.30E+01	1.61E+02	-2.93E-02	-4.86E+00
5.51E+01	-9.30E+01	1.61E+02	-3.30E-02	-4.86E+00
5.51E+01	-9.30E+01	1.61E+02	-2.44E-02	-4.85E+00

5.51E+01	-9.30E+01	1.61E+02	-2.20E-02	-4.87E+00
5.52E+01	-9.30E+01	1.61E+02	-3.30E-02	-4.87E+00
5.52E+01	-9.30E+01	1.61E+02	0.00E+00	-4.86E+00
5.52E+01	-9.30E+01	1.61E+02	-2.44E-02	-4.85E+00
5.52E+01	-9.30E+01	1.61E+02	-1.10E-02	-4.85E+00
5.52E+01	-9.30E+01	1.62E+02	-2.20E-02	-4.83E+00
5.53E+01	-9.30E+01	1.61E+02	-2.20E-02	-4.86E+00
5.53E+01	-9.30E+01	1.61E+02	-3.78E-02	-4.85E+00
5.53E+01	-9.30E+01	1.61E+02	-5.00E-02	-4.85E+00
5.53E+01	-9.30E+01	1.61E+02	-2.44E-02	-4.86E+00
5.53E+01	-9.30E+01	1.61E+02	-1.46E-02	-4.85E+00
5.54E+01	-9.30E+01	1.61E+02	7.32E-03	-4.84E+00
5.54E+01	-9.30E+01	1.61E+02	4.88E-03	-4.84E+00
5.54E+01	-9.30E+01	1.61E+02	-3.30E-02	-4.83E+00
5.54E+01	-9.30E+01	1.61E+02	-3.66E-02	-4.84E+00
5.54E+01	-9.30E+01	1.62E+02	-2.69E-02	-4.85E+00
5.55E+01	-9.30E+01	1.61E+02	-3.30E-02	-4.85E+00
5.55E+01	-9.30E+01	1.61E+02	0.00E+00	-4.84E+00
5.55E+01	-9.30E+01	1.61E+02	-1.22E-03	-4.83E+00
5.55E+01	-9.30E+01	1.61E+02	-1.22E-02	-4.83E+00
5.55E+01	-9.30E+01	1.62E+02	-3.42E-02	-4.82E+00
5.56E+01	-9.30E+01	1.61E+02	-2.08E-02	-4.82E+00
5.56E+01	-9.30E+01	1.61E+02	-3.66E-02	-4.83E+00
5.56E+01	-9.30E+01	1.61E+02	-3.91E-02	-4.83E+00
5.56E+01	-9.30E+01	1.61E+02	-2.69E-02	-4.83E+00
5.56E+01	-9.30E+01	1.62E+02	-2.20E-02	-4.83E+00
5.57E+01	-9.30E+01	1.61E+02	-1.22E-02	-4.82E+00
5.57E+01	-9.30E+01	1.61E+02	-1.95E-02	-4.82E+00
5.57E+01	-9.30E+01	1.61E+02	-6.10E-03	-4.81E+00
5.57E+01	-9.30E+01	1.61E+02	-3.05E-02	-4.81E+00
5.57E+01	-9.30E+01	1.61E+02	-3.91E-02	-4.82E+00
5.58E+01	-9.30E+01	1.61E+02	-2.93E-02	-4.82E+00
5.58E+01	-9.30E+01	1.61E+02	-1.46E-02	-4.81E+00
5.58E+01	-9.30E+01	1.61E+02	-2.44E-03	-4.81E+00
5.58E+01	-9.30E+01	1.61E+02	1.34E-02	-4.81E+00
5.58E+01	-9.30E+01	1.61E+02	-7.32E-03	-4.80E+00
5.59E+01	-9.30E+01	1.62E+02	-7.32E-03	-4.80E+00
5.59E+01	-9.30E+01	1.62E+02	2.44E-03	-4.80E+00
5.59E+01	-9.30E+01	1.61E+02	-2.20E-02	-4.81E+00
5.59E+01	-9.30E+01	1.61E+02	0.00E+00	-4.80E+00
5.59E+01	-9.30E+01	1.61E+02	-1.95E-02	-4.80E+00
5.60E+01	-9.30E+01	1.61E+02	2.44E-03	-4.80E+00
5.60E+01	-9.30E+01	1.61E+02	-7.32E-03	-4.80E+00
5.60E+01	-9.30E+01	1.61E+02	-2.44E-03	-4.78E+00
5.60E+01	-9.30E+01	1.61E+02	-2.93E-02	-4.78E+00
5.60E+01	-9.30E+01	1.62E+02	-3.91E-02	-4.79E+00
5.61E+01	-9.30E+01	1.61E+02	-2.44E-02	-4.80E+00

5.61E+01	-9.30E+01	1.61E+02	-1.71E-02	-4.80E+00
5.61E+01	-9.30E+01	1.61E+02	-4.15E-02	-4.79E+00
5.61E+01	-9.30E+01	1.61E+02	0.00E+00	-4.79E+00
5.61E+01	-9.30E+01	1.62E+02	-3.66E-03	-4.78E+00
5.62E+01	-9.30E+01	1.61E+02	0.00E+00	-4.77E+00
5.62E+01	-9.30E+01	1.61E+02	-1.46E-02	-4.77E+00
5.62E+01	-9.30E+01	1.62E+02	-8.54E-03	-4.77E+00
5.62E+01	-9.30E+01	1.61E+02	-3.42E-02	-4.78E+00
5.62E+01	-9.30E+01	1.61E+02	-8.54E-03	-4.78E+00
5.63E+01	-9.30E+01	1.61E+02	-1.95E-02	-4.78E+00
5.63E+01	-9.30E+01	1.61E+02	-9.77E-03	-4.78E+00
5.63E+01	-9.30E+01	1.61E+02	-1.22E-02	-4.77E+00
5.63E+01	-9.30E+01	1.61E+02	1.46E-02	-4.76E+00
5.63E+01	-9.30E+01	1.61E+02	4.88E-03	-4.77E+00
5.64E+01	-9.30E+01	1.61E+02	-2.44E-02	-4.76E+00
5.64E+01	-9.30E+01	1.62E+02	-1.22E-02	-4.76E+00
5.64E+01	-9.30E+01	1.62E+02	-1.71E-02	-4.75E+00
5.64E+01	-9.30E+01	1.61E+02	-2.08E-02	-4.76E+00
5.64E+01	-9.30E+01	1.61E+02	-3.66E-02	-4.77E+00
5.65E+01	-9.30E+01	1.61E+02	-2.56E-02	-4.76E+00
5.65E+01	-9.30E+01	1.61E+02	4.88E-03	-4.76E+00
5.65E+01	-9.30E+01	1.61E+02	-9.77E-03	-4.75E+00
5.65E+01	-9.30E+01	1.61E+02	-7.32E-03	-4.74E+00
5.65E+01	-9.30E+01	1.61E+02	-4.88E-03	-4.74E+00
5.66E+01	-9.30E+01	1.61E+02	-1.46E-02	-4.74E+00
5.66E+01	-9.30E+01	1.61E+02	-3.17E-02	-4.74E+00
5.66E+01	-9.30E+01	1.61E+02	-2.69E-02	-4.74E+00
5.66E+01	-9.30E+01	1.61E+02	-2.20E-02	-4.75E+00
5.66E+01	-9.30E+01	1.61E+02	-3.66E-02	-4.75E+00
5.67E+01	-9.30E+01	1.61E+02	-1.46E-02	-4.75E+00
5.67E+01	-9.30E+01	1.61E+02	-1.95E-02	-4.73E+00
5.67E+01	-9.30E+01	1.61E+02	-7.32E-03	-4.73E+00
5.67E+01	-9.30E+01	1.61E+02	-9.77E-03	-4.72E+00
5.67E+01	-9.30E+01	1.61E+02	-9.77E-03	-4.72E+00
5.68E+01	-9.30E+01	1.61E+02	4.88E-03	-4.73E+00
5.68E+01	-9.30E+01	1.61E+02	-3.42E-02	-4.73E+00
5.68E+01	-9.30E+01	1.61E+02	0.00E+00	-4.74E+00
5.68E+01	-9.30E+01	1.61E+02	-1.83E-02	-4.73E+00
5.68E+01	-9.30E+01	1.61E+02	-3.17E-02	-4.73E+00
5.69E+01	-9.30E+01	1.61E+02	2.44E-03	-4.73E+00
5.69E+01	-9.30E+01	1.61E+02	-1.22E-03	-4.71E+00
5.69E+01	-9.30E+01	1.61E+02	-1.46E-02	-4.72E+00
5.69E+01	-9.30E+01	1.61E+02	-3.17E-02	-4.72E+00
5.69E+01	-9.30E+01	1.61E+02	-2.32E-02	-4.72E+00
5.70E+01	-9.30E+01	1.61E+02	-2.69E-02	-4.72E+00
5.70E+01	-9.30E+01	1.61E+02	2.20E-02	-4.71E+00
5.70E+01	-9.30E+01	1.61E+02	-1.10E-02	-4.70E+00

5.70E+01	-9.30E+01	1.61E+02	1.46E-02	-4.71E+00
5.70E+01	-9.30E+01	1.61E+02	-1.22E-02	-4.70E+00
5.71E+01	-9.30E+01	1.61E+02	-1.95E-02	-4.71E+00
5.71E+01	-9.30E+01	1.61E+02	-1.46E-02	-4.71E+00
5.71E+01	-9.30E+01	1.61E+02	-4.88E-03	-4.70E+00
5.71E+01	-9.30E+01	1.61E+02	2.20E-02	-4.70E+00
5.71E+01	-9.30E+01	1.61E+02	-2.32E-02	-4.69E+00
5.72E+01	-9.30E+01	1.61E+02	-2.93E-02	-4.70E+00
5.72E+01	-9.30E+01	1.61E+02	-1.95E-02	-4.70E+00
5.72E+01	-9.30E+01	1.61E+02	1.22E-02	-4.70E+00
5.72E+01	-9.30E+01	1.61E+02	-1.22E-03	-4.69E+00
5.72E+01	-9.30E+01	1.61E+02	2.44E-03	-4.69E+00
5.73E+01	-9.30E+01	1.61E+02	-7.32E-03	-4.69E+00
5.73E+01	-9.30E+01	1.61E+02	-7.32E-03	-4.68E+00
5.73E+01	-9.30E+01	1.61E+02	-1.95E-02	-4.68E+00
5.73E+01	-9.30E+01	1.61E+02	-3.66E-02	-4.68E+00
5.73E+01	-9.30E+01	1.61E+02	6.10E-03	-4.70E+00
5.74E+01	-9.30E+01	1.61E+02	-6.10E-03	-4.69E+00
5.74E+01	-9.30E+01	1.61E+02	0.00E+00	-4.68E+00
5.74E+01	-9.30E+01	1.61E+02	-1.71E-02	-4.67E+00
5.74E+01	-9.30E+01	1.61E+02	-3.91E-02	-4.67E+00
5.74E+01	-9.30E+01	1.61E+02	-4.64E-02	-4.68E+00
5.75E+01	-9.30E+01	1.61E+02	-3.17E-02	-4.67E+00
5.75E+01	-9.30E+01	1.61E+02	-2.20E-02	-4.68E+00
5.75E+01	-9.30E+01	1.61E+02	-4.88E-03	-4.67E+00
5.75E+01	-9.30E+01	1.61E+02	2.32E-02	-4.67E+00
5.75E+01	-9.30E+01	1.61E+02	-7.32E-03	-4.66E+00
5.76E+01	-9.30E+01	1.61E+02	-3.17E-02	-4.66E+00
5.76E+01	-9.30E+01	1.61E+02	-3.42E-02	-4.66E+00
5.76E+01	-9.30E+01	1.61E+02	-3.05E-02	-4.68E+00
5.76E+01	-9.30E+01	1.61E+02	-2.44E-02	-4.67E+00
5.76E+01	-9.30E+01	1.61E+02	-2.69E-02	-4.66E+00
5.77E+01	-9.30E+01	1.61E+02	2.44E-03	-4.66E+00
5.77E+01	-9.30E+01	1.61E+02	-1.95E-02	-4.64E+00
5.77E+01	-9.30E+01	1.61E+02	-2.20E-02	-4.64E+00
5.77E+01	-9.30E+01	1.61E+02	-3.17E-02	-4.66E+00
5.77E+01	-9.30E+01	1.61E+02	-2.44E-03	-4.65E+00
5.78E+01	-9.30E+01	1.61E+02	4.88E-03	-4.64E+00
5.78E+01	-9.30E+01	1.61E+02	-9.77E-03	-4.64E+00
5.78E+01	-9.30E+01	1.61E+02	-1.22E-02	-4.63E+00
5.78E+01	-9.30E+01	1.61E+02	-2.20E-02	-4.64E+00
5.78E+01	-9.30E+01	1.61E+02	-3.91E-02	-4.64E+00
5.79E+01	-9.30E+01	1.61E+02	-3.17E-02	-4.64E+00
5.79E+01	-9.30E+01	1.61E+02	-2.08E-02	-4.64E+00
5.79E+01	-9.30E+01	1.61E+02	-2.08E-02	-4.64E+00
5.79E+01	-9.30E+01	1.61E+02	-1.34E-02	-4.64E+00
5.79E+01	-9.30E+01	1.61E+02	-6.10E-03	-4.64E+00

5.80E+01	-9.30E+01	1.61E+02	-9.77E-03	-4.63E+00
5.80E+01	-9.30E+01	1.61E+02	-2.44E-03	-4.63E+00
5.80E+01	-9.30E+01	1.61E+02	-4.39E-02	-4.61E+00
5.80E+01	-9.30E+01	1.61E+02	-1.95E-02	-4.63E+00
5.80E+01	-9.30E+01	1.61E+02	-3.05E-02	-4.63E+00
5.81E+01	-9.30E+01	1.60E+02	-1.22E-02	-4.62E+00
5.81E+01	-9.30E+01	1.60E+02	-1.95E-02	-4.62E+00
5.81E+01	-9.30E+01	1.61E+02	0.00E+00	-4.62E+00
5.81E+01	-9.30E+01	1.61E+02	-1.59E-02	-4.61E+00
5.81E+01	-9.30E+01	1.61E+02	-2.44E-02	-4.61E+00
5.82E+01	-9.30E+01	1.61E+02	-4.88E-02	-4.61E+00
5.82E+01	-9.30E+01	1.60E+02	-4.76E-02	-4.61E+00
5.82E+01	-9.30E+01	1.60E+02	-4.88E-03	-4.62E+00
5.82E+01	-9.30E+01	1.61E+02	-7.32E-03	-4.61E+00
5.82E+01	-9.30E+01	1.61E+02	-1.22E-03	-4.59E+00
5.83E+01	-9.30E+01	1.60E+02	-1.59E-02	-4.60E+00
5.83E+01	-9.30E+01	1.61E+02	-4.64E-02	-4.60E+00
5.83E+01	-9.30E+01	1.60E+02	-4.27E-02	-4.61E+00
5.83E+01	-9.30E+01	1.60E+02	-9.77E-03	-4.61E+00
5.83E+01	-9.30E+01	1.60E+02	-2.20E-02	-4.61E+00
5.84E+01	-9.30E+01	1.60E+02	-7.32E-03	-4.60E+00
5.84E+01	-9.30E+01	1.60E+02	1.71E-02	-4.59E+00
5.84E+01	-9.30E+01	1.61E+02	-2.44E-03	-4.59E+00
5.84E+01	-9.30E+01	1.60E+02	-3.30E-02	-4.59E+00
5.84E+01	-9.30E+01	1.60E+02	-4.15E-02	-4.59E+00
5.85E+01	-9.30E+01	1.60E+02	-3.42E-02	-4.60E+00
5.85E+01	-9.30E+01	1.60E+02	-2.93E-02	-4.59E+00
5.85E+01	-9.30E+01	1.60E+02	-4.39E-02	-4.58E+00
5.85E+01	-9.30E+01	1.60E+02	-5.25E-02	-4.58E+00
5.85E+01	-9.30E+01	1.60E+02	-3.17E-02	-4.58E+00
5.86E+01	-9.30E+01	1.60E+02	-4.15E-02	-4.59E+00
5.86E+01	-9.30E+01	1.60E+02	-1.95E-02	-4.58E+00
5.86E+01	-9.30E+01	1.60E+02	-7.32E-03	-4.58E+00
5.86E+01	-9.30E+01	1.60E+02	-3.05E-02	-4.58E+00
5.86E+01	-9.30E+01	1.60E+02	-1.71E-02	-4.59E+00
5.87E+01	-9.30E+01	1.60E+02	-9.77E-03	-4.58E+00
5.87E+01	-9.30E+01	1.60E+02	-2.44E-03	-4.57E+00
5.87E+01	-9.30E+01	1.60E+02	1.22E-03	-4.56E+00
5.87E+01	-9.30E+01	1.60E+02	-2.44E-02	-4.56E+00
5.87E+01	-9.30E+01	1.60E+02	-1.22E-02	-4.56E+00
5.88E+01	-9.30E+01	1.60E+02	-1.71E-02	-4.58E+00
5.88E+01	-9.30E+01	1.60E+02	-1.95E-02	-4.57E+00
5.88E+01	-9.30E+01	1.60E+02	-2.93E-02	-4.57E+00
5.88E+01	-9.30E+01	1.60E+02	-4.88E-03	-4.57E+00
5.88E+01	-9.30E+01	1.60E+02	-4.88E-03	-4.56E+00
5.89E+01	-9.30E+01	1.60E+02	-4.88E-03	-4.53E+00
5.89E+01	-9.30E+01	1.60E+02	-2.44E-03	-4.54E+00

5.89E+01	-9.30E+01	1.60E+02	-7.32E-03	-4.55E+00
5.89E+01	-9.30E+01	1.60E+02	-2.69E-02	-4.55E+00
5.89E+01	-9.30E+01	1.60E+02	-7.32E-03	-4.54E+00
5.90E+01	-9.30E+01	1.60E+02	-2.44E-02	-4.55E+00
5.90E+01	-9.30E+01	1.59E+02	-3.17E-02	-4.54E+00
5.90E+01	-9.30E+01	1.59E+02	-1.22E-02	-4.55E+00
5.90E+01	-9.30E+01	1.60E+02	-9.77E-03	-4.55E+00
5.90E+01	-9.30E+01	1.60E+02	-2.93E-02	-4.54E+00
5.91E+01	-9.30E+01	1.60E+02	-1.71E-02	-4.54E+00
5.91E+01	-9.30E+01	1.60E+02	-7.32E-03	-4.53E+00
5.91E+01	-9.30E+01	1.60E+02	1.34E-02	-4.53E+00
5.91E+01	-9.30E+01	1.59E+02	-1.71E-02	-4.53E+00
5.91E+01	-9.30E+01	1.60E+02	-3.54E-02	-4.53E+00
5.92E+01	-9.30E+01	1.60E+02	-2.69E-02	-4.53E+00
5.92E+01	-9.30E+01	1.60E+02	-9.77E-03	-4.53E+00
5.92E+01	-9.30E+01	1.60E+02	4.88E-03	-4.51E+00
5.92E+01	-9.30E+01	1.60E+02	2.44E-03	-4.52E+00
5.92E+01	-9.30E+01	1.60E+02	-2.32E-02	-4.52E+00
5.93E+01	-9.30E+01	1.60E+02	-2.69E-02	-4.51E+00
5.93E+01	-9.30E+01	1.59E+02	-2.93E-02	-4.52E+00
5.93E+01	-9.30E+01	1.60E+02	-2.69E-02	-4.54E+00
5.93E+01	-9.30E+01	1.59E+02	-4.39E-02	-4.52E+00
5.93E+01	-9.30E+01	1.59E+02	-1.95E-02	-4.52E+00
5.94E+01	-9.30E+01	1.59E+02	-3.66E-03	-4.51E+00
5.94E+01	-9.30E+01	1.59E+02	-1.46E-02	-4.51E+00
5.94E+01	-9.30E+01	1.59E+02	-4.88E-03	-4.50E+00
5.94E+01	-9.30E+01	1.60E+02	2.44E-03	-4.52E+00
5.94E+01	-9.30E+01	1.59E+02	-2.08E-02	-4.50E+00
5.95E+01	-9.30E+01	1.59E+02	-3.78E-02	-4.50E+00
5.95E+01	-9.30E+01	1.59E+02	-4.76E-02	-4.50E+00
5.95E+01	-9.30E+01	1.59E+02	-2.93E-02	-4.51E+00
5.95E+01	-9.30E+01	1.59E+02	-2.20E-02	-4.50E+00
5.95E+01	-9.30E+01	1.59E+02	-1.95E-02	-4.50E+00
5.96E+01	-9.30E+01	1.59E+02	-7.32E-03	-4.50E+00
5.96E+01	-9.30E+01	1.59E+02	0.00E+00	-4.49E+00
5.96E+01	-9.30E+01	1.59E+02	1.83E-02	-4.49E+00
5.96E+01	-9.30E+01	1.59E+02	-4.88E-03	-4.49E+00
5.96E+01	-9.30E+01	1.59E+02	1.34E-02	-4.50E+00
5.97E+01	-9.30E+01	1.59E+02	-2.93E-02	-4.48E+00
5.97E+01	-9.30E+01	1.59E+02	-3.42E-02	-4.49E+00
5.97E+01	-9.30E+01	1.59E+02	-7.32E-03	-4.50E+00
5.97E+01	-9.30E+01	1.59E+02	-1.71E-02	-4.49E+00
5.97E+01	-9.30E+01	1.59E+02	-7.32E-03	-4.47E+00
5.98E+01	-9.30E+01	1.59E+02	1.22E-02	-4.48E+00
5.98E+01	-9.30E+01	1.59E+02	-6.10E-03	-4.47E+00
5.98E+01	-9.30E+01	1.59E+02	-2.20E-02	-4.46E+00
5.98E+01	-9.30E+01	1.59E+02	-2.20E-02	-4.47E+00

5.98E+01	-9.30E+01	1.59E+02	-2.56E-02	-4.47E+00
5.99E+01	-9.30E+01	1.59E+02	-5.00E-02	-4.46E+00
5.99E+01	-9.30E+01	1.59E+02	-2.20E-02	-4.47E+00
5.99E+01	-9.30E+01	1.59E+02	-1.22E-02	-4.48E+00
5.99E+01	-9.30E+01	1.59E+02	-3.17E-02	-4.46E+00
5.99E+01	-9.30E+01	1.60E+02	9.77E-03	-4.46E+00
6.00E+01	-9.30E+01	1.59E+02	-2.44E-03	-4.46E+00
6.00E+01	-9.30E+01	1.59E+02	-8.54E-03	-4.45E+00
6.00E+01	-9.30E+01	1.59E+02	-1.22E-02	-4.45E+00
6.00E+01	-9.30E+01	1.59E+02	-1.95E-02	-4.45E+00
6.00E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.46E+00
6.01E+01	-9.30E+01	1.58E+02	-3.42E-02	-4.46E+00
6.01E+01	-9.30E+01	1.58E+02	-3.17E-02	-4.45E+00
6.01E+01	-9.30E+01	1.59E+02	0.00E+00	-4.46E+00
6.01E+01	-9.30E+01	1.59E+02	-9.77E-03	-4.45E+00
6.01E+01	-9.30E+01	1.59E+02	-1.46E-02	-4.44E+00
6.02E+01	-9.30E+01	1.59E+02	-1.46E-02	-4.44E+00
6.02E+01	-9.30E+01	1.59E+02	-2.69E-02	-4.45E+00
6.02E+01	-9.30E+01	1.59E+02	-4.64E-02	-4.45E+00
6.02E+01	-9.30E+01	1.59E+02	-1.95E-02	-4.45E+00
6.02E+01	-9.30E+01	1.59E+02	-1.10E-02	-4.44E+00
6.03E+01	-9.30E+01	1.59E+02	-1.95E-02	-4.43E+00
6.03E+01	-9.30E+01	1.59E+02	-1.22E-03	-4.43E+00
6.03E+01	-9.30E+01	1.59E+02	2.44E-03	-4.44E+00
6.03E+01	-9.30E+01	1.59E+02	-2.20E-02	-4.42E+00
6.03E+01	-9.30E+01	1.59E+02	-2.69E-02	-4.43E+00
6.04E+01	-9.30E+01	1.59E+02	-6.59E-02	-4.43E+00
6.04E+01	-9.30E+01	1.59E+02	-1.95E-02	-4.43E+00
6.04E+01	-9.30E+01	1.59E+02	-4.88E-03	-4.44E+00
6.04E+01	-9.30E+01	1.59E+02	8.54E-03	-4.42E+00
6.04E+01	-9.30E+01	1.59E+02	-6.10E-03	-4.41E+00
6.05E+01	-9.30E+01	1.59E+02	-1.46E-02	-4.41E+00
6.05E+01	-9.30E+01	1.59E+02	-5.37E-02	-4.41E+00
6.05E+01	-9.30E+01	1.59E+02	-3.42E-02	-4.42E+00
6.05E+01	-9.30E+01	1.59E+02	-3.66E-03	-4.41E+00
6.05E+01	-9.30E+01	1.59E+02	-9.77E-03	-4.42E+00
6.06E+01	-9.30E+01	1.58E+02	-1.95E-02	-4.42E+00
6.06E+01	-9.30E+01	1.58E+02	0.00E+00	-4.41E+00
6.06E+01	-9.30E+01	1.59E+02	1.22E-03	-4.41E+00
6.06E+01	-9.30E+01	1.59E+02	3.66E-03	-4.39E+00
6.06E+01	-9.30E+01	1.59E+02	-7.32E-03	-4.40E+00
6.07E+01	-9.30E+01	1.59E+02	-1.22E-02	-4.39E+00
6.07E+01	-9.30E+01	1.59E+02	-7.32E-03	-4.40E+00
6.07E+01	-9.30E+01	1.59E+02	-3.42E-02	-4.39E+00
6.07E+01	-9.30E+01	1.59E+02	-3.78E-02	-4.39E+00
6.07E+01	-9.30E+01	1.58E+02	-2.44E-02	-4.38E+00
6.08E+01	-9.30E+01	1.58E+02	-2.93E-02	-4.40E+00

6.08E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.40E+00
6.08E+01	-9.30E+01	1.59E+02	-2.20E-02	-4.39E+00
6.08E+01	-9.30E+01	1.58E+02	6.10E-03	-4.39E+00
6.08E+01	-9.30E+01	1.58E+02	-2.44E-03	-4.38E+00
6.09E+01	-9.30E+01	1.59E+02	-6.10E-03	-4.38E+00
6.09E+01	-9.30E+01	1.59E+02	-2.69E-02	-4.38E+00
6.09E+01	-9.30E+01	1.59E+02	-2.81E-02	-4.39E+00
6.09E+01	-9.30E+01	1.58E+02	-5.86E-02	-4.37E+00
6.09E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.38E+00
6.10E+01	-9.30E+01	1.58E+02	-1.34E-02	-4.39E+00
6.10E+01	-9.30E+01	1.58E+02	1.22E-03	-4.39E+00
6.10E+01	-9.30E+01	1.58E+02	-1.46E-02	-4.37E+00
6.10E+01	-9.30E+01	1.58E+02	3.78E-02	-4.38E+00
6.10E+01	-9.30E+01	1.58E+02	-1.46E-02	-4.37E+00
6.11E+01	-9.30E+01	1.58E+02	-2.20E-02	-4.37E+00
6.11E+01	-9.30E+01	1.58E+02	-1.95E-02	-4.37E+00
6.11E+01	-9.30E+01	1.58E+02	-2.44E-02	-4.38E+00
6.11E+01	-9.30E+01	1.58E+02	-1.22E-02	-4.37E+00
6.11E+01	-9.30E+01	1.58E+02	-1.22E-02	-4.36E+00
6.12E+01	-9.30E+01	1.58E+02	-7.32E-03	-4.36E+00
6.12E+01	-9.30E+01	1.58E+02	-1.71E-02	-4.35E+00
6.12E+01	-9.30E+01	1.58E+02	-8.54E-03	-4.35E+00
6.12E+01	-9.30E+01	1.58E+02	-2.93E-02	-4.35E+00
6.12E+01	-9.30E+01	1.58E+02	-3.66E-02	-4.36E+00
6.13E+01	-9.30E+01	1.58E+02	-3.17E-02	-4.36E+00
6.13E+01	-9.30E+01	1.58E+02	-1.10E-02	-4.36E+00
6.13E+01	-9.30E+01	1.58E+02	-1.46E-02	-4.35E+00
6.13E+01	-9.30E+01	1.58E+02	1.59E-02	-4.34E+00
6.13E+01	-9.30E+01	1.58E+02	-2.44E-03	-4.35E+00
6.14E+01	-9.30E+01	1.58E+02	-8.54E-03	-4.34E+00
6.14E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.33E+00
6.14E+01	-9.30E+01	1.58E+02	-1.22E-02	-4.34E+00
6.14E+01	-9.30E+01	1.58E+02	-2.81E-02	-4.34E+00
6.14E+01	-9.30E+01	1.58E+02	-3.17E-02	-4.34E+00
6.15E+01	-9.30E+01	1.58E+02	-9.77E-03	-4.35E+00
6.15E+01	-9.30E+01	1.58E+02	1.22E-02	-4.34E+00
6.15E+01	-9.30E+01	1.58E+02	-9.77E-03	-4.33E+00
6.15E+01	-9.30E+01	1.58E+02	-2.44E-03	-4.32E+00
6.15E+01	-9.30E+01	1.58E+02	-2.93E-02	-4.32E+00
6.16E+01	-9.30E+01	1.58E+02	-3.91E-02	-4.32E+00
6.16E+01	-9.30E+01	1.58E+02	-2.56E-02	-4.33E+00
6.16E+01	-9.30E+01	1.58E+02	-1.22E-02	-4.33E+00
6.16E+01	-9.30E+01	1.58E+02	-7.32E-03	-4.32E+00
6.16E+01	-9.30E+01	1.58E+02	-1.83E-02	-4.31E+00
6.17E+01	-9.30E+01	1.58E+02	-6.10E-03	-4.31E+00
6.17E+01	-9.30E+01	1.58E+02	-2.44E-02	-4.31E+00
6.17E+01	-9.30E+01	1.58E+02	-1.34E-02	-4.31E+00

6.17E+01	-9.30E+01	1.58E+02	-2.20E-02	-4.31E+00
6.17E+01	-9.30E+01	1.58E+02	-7.32E-03	-4.32E+00
6.18E+01	-9.30E+01	1.58E+02	-3.66E-02	-4.32E+00
6.18E+01	-9.30E+01	1.58E+02	-6.10E-03	-4.30E+00
6.18E+01	-9.30E+01	1.57E+02	-4.88E-03	-4.31E+00
6.18E+01	-9.30E+01	1.58E+02	-1.59E-02	-4.29E+00
6.18E+01	-9.30E+01	1.58E+02	-3.66E-03	-4.29E+00
6.19E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.31E+00
6.19E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.30E+00
6.19E+01	-9.30E+01	1.58E+02	-1.95E-02	-4.30E+00
6.19E+01	-9.30E+01	1.58E+02	2.44E-03	-4.31E+00
6.19E+01	-9.30E+01	1.58E+02	-1.22E-02	-4.30E+00
6.20E+01	-9.30E+01	1.58E+02	3.66E-02	-4.29E+00
6.20E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.29E+00
6.20E+01	-9.30E+01	1.58E+02	-4.03E-02	-4.29E+00
6.20E+01	-9.30E+01	1.58E+02	-1.46E-02	-4.29E+00
6.20E+01	-9.30E+01	1.58E+02	-1.10E-02	-4.28E+00
6.21E+01	-9.30E+01	1.58E+02	-2.44E-03	-4.28E+00
6.21E+01	-9.30E+01	1.58E+02	-7.32E-03	-4.28E+00
6.21E+01	-9.30E+01	1.58E+02	-7.32E-03	-4.28E+00
6.21E+01	-9.30E+01	1.58E+02	-9.77E-03	-4.28E+00
6.21E+01	-9.30E+01	1.58E+02	-2.20E-02	-4.27E+00
6.22E+01	-9.30E+01	1.58E+02	-3.91E-02	-4.29E+00
6.22E+01	-9.30E+01	1.58E+02	-2.93E-02	-4.28E+00
6.22E+01	-9.30E+01	1.58E+02	-2.20E-02	-4.28E+00
6.22E+01	-9.30E+01	1.57E+02	2.20E-02	-4.28E+00
6.22E+01	-9.30E+01	1.57E+02	-8.54E-03	-4.28E+00
6.23E+01	-9.30E+01	1.58E+02	-9.77E-03	-4.28E+00
6.23E+01	-9.30E+01	1.58E+02	4.88E-03	-4.26E+00
6.23E+01	-9.30E+01	1.58E+02	-4.88E-03	-4.26E+00
6.23E+01	-9.30E+01	1.58E+02	-3.66E-02	-4.27E+00
6.23E+01	-9.30E+01	1.58E+02	-2.93E-02	-4.27E+00
6.24E+01	-9.30E+01	1.58E+02	-1.95E-02	-4.27E+00
6.24E+01	-9.30E+01	1.57E+02	-1.46E-02	-4.25E+00
6.24E+01	-9.30E+01	1.57E+02	6.10E-03	-4.26E+00
6.24E+01	-9.30E+01	1.57E+02	2.44E-03	-4.25E+00
6.24E+01	-9.30E+01	1.58E+02	2.44E-03	-4.25E+00
6.25E+01	-9.30E+01	1.58E+02	-1.71E-02	-4.24E+00
6.25E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.27E+00
6.25E+01	-9.30E+01	1.57E+02	-1.46E-02	-4.26E+00
6.25E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.25E+00
6.25E+01	-9.30E+01	1.57E+02	-1.59E-02	-4.26E+00
6.26E+01	-9.30E+01	1.57E+02	2.44E-03	-4.26E+00
6.26E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.25E+00
6.26E+01	-9.30E+01	1.57E+02	0.00E+00	-4.22E+00
6.26E+01	-9.30E+01	1.58E+02	2.44E-03	-4.23E+00
6.26E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.24E+00

6.27E+01	-9.30E+01	1.58E+02	-2.20E-02	-4.22E+00
6.27E+01	-9.30E+01	1.58E+02	-2.69E-02	-4.23E+00
6.27E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.25E+00
6.27E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.24E+00
6.27E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.23E+00
6.28E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.23E+00
6.28E+01	-9.30E+01	1.57E+02	1.34E-02	-4.24E+00
6.28E+01	-9.30E+01	1.57E+02	-2.44E-03	-4.23E+00
6.28E+01	-9.30E+01	1.58E+02	2.44E-03	-4.22E+00
6.28E+01	-9.30E+01	1.58E+02	-3.78E-02	-4.22E+00
6.29E+01	-9.30E+01	1.58E+02	-3.66E-02	-4.22E+00
6.29E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.23E+00
6.29E+01	-9.30E+01	1.57E+02	-1.59E-02	-4.23E+00
6.29E+01	-9.30E+01	1.58E+02	-1.71E-02	-4.21E+00
6.29E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.22E+00
6.30E+01	-9.30E+01	1.57E+02	-1.59E-02	-4.21E+00
6.30E+01	-9.30E+01	1.57E+02	-4.88E-03	-4.22E+00
6.30E+01	-9.30E+01	1.58E+02	-1.46E-02	-4.20E+00
6.30E+01	-9.30E+01	1.58E+02	-2.08E-02	-4.21E+00
6.30E+01	-9.30E+01	1.57E+02	-4.15E-02	-4.20E+00
6.31E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.20E+00
6.31E+01	-9.30E+01	1.57E+02	-6.10E-03	-4.20E+00
6.31E+01	-9.30E+01	1.58E+02	-9.77E-03	-4.21E+00
6.31E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.20E+00
6.31E+01	-9.30E+01	1.57E+02	-1.34E-02	-4.20E+00
6.32E+01	-9.30E+01	1.57E+02	-4.39E-02	-4.20E+00
6.32E+01	-9.30E+01	1.57E+02	2.44E-03	-4.20E+00
6.32E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.18E+00
6.32E+01	-9.30E+01	1.58E+02	9.77E-03	-4.18E+00
6.32E+01	-9.30E+01	1.57E+02	-1.83E-02	-4.19E+00
6.33E+01	-9.30E+01	1.58E+02	-6.10E-02	-4.18E+00
6.33E+01	-9.30E+01	1.58E+02	-3.54E-02	-4.18E+00
6.33E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.19E+00
6.33E+01	-9.30E+01	1.58E+02	-2.20E-02	-4.18E+00
6.33E+01	-9.30E+01	1.58E+02	-8.54E-03	-4.18E+00
6.34E+01	-9.30E+01	1.57E+02	-3.17E-02	-4.18E+00
6.34E+01	-9.30E+01	1.57E+02	-4.64E-02	-4.18E+00
6.34E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.17E+00
6.34E+01	-9.30E+01	1.58E+02	-7.32E-03	-4.18E+00
6.34E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.18E+00
6.35E+01	-9.30E+01	1.57E+02	-3.66E-03	-4.18E+00
6.35E+01	-9.30E+01	1.57E+02	2.44E-03	-4.17E+00
6.35E+01	-9.30E+01	1.57E+02	-3.66E-03	-4.17E+00
6.35E+01	-9.30E+01	1.58E+02	-7.32E-03	-4.15E+00
6.35E+01	-9.30E+01	1.57E+02	8.54E-03	-4.16E+00
6.36E+01	-9.30E+01	1.56E+02	-1.95E-02	-4.15E+00
6.36E+01	-9.30E+01	1.57E+02	-4.15E-02	-4.16E+00

6.36E+01	-9.30E+01	1.58E+02	-1.46E-02	-4.16E+00
6.36E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.16E+00
6.36E+01	-9.30E+01	1.57E+02	-4.15E-02	-4.16E+00
6.37E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.16E+00
6.37E+01	-9.30E+01	1.58E+02	0.00E+00	-4.15E+00
6.37E+01	-9.30E+01	1.57E+02	-4.88E-03	-4.15E+00
6.37E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.15E+00
6.37E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.13E+00
6.38E+01	-9.30E+01	1.57E+02	-3.17E-02	-4.13E+00
6.38E+01	-9.30E+01	1.58E+02	-3.17E-02	-4.14E+00
6.38E+01	-9.30E+01	1.57E+02	-3.66E-02	-4.14E+00
6.38E+01	-9.30E+01	1.57E+02	-3.17E-02	-4.14E+00
6.38E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.15E+00
6.39E+01	-9.30E+01	1.57E+02	-1.46E-02	-4.14E+00
6.39E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.14E+00
6.39E+01	-9.30E+01	1.57E+02	-6.10E-03	-4.13E+00
6.39E+01	-9.30E+01	1.57E+02	-3.66E-03	-4.14E+00
6.39E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.12E+00
6.40E+01	-9.30E+01	1.58E+02	-1.10E-02	-4.13E+00
6.40E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.12E+00
6.40E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.12E+00
6.40E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.12E+00
6.40E+01	-9.30E+01	1.57E+02	-1.59E-02	-4.13E+00
6.41E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.12E+00
6.41E+01	-9.30E+01	1.57E+02	-3.42E-02	-4.12E+00
6.41E+01	-9.30E+01	1.57E+02	-4.88E-03	-4.12E+00
6.41E+01	-9.30E+01	1.57E+02	6.10E-03	-4.12E+00
6.41E+01	-9.30E+01	1.57E+02	2.44E-03	-4.11E+00
6.42E+01	-9.30E+01	1.57E+02	-1.10E-02	-4.10E+00
6.42E+01	-9.30E+01	1.58E+02	-2.20E-02	-4.12E+00
6.42E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.11E+00
6.42E+01	-9.30E+01	1.57E+02	-3.42E-02	-4.11E+00
6.42E+01	-9.30E+01	1.57E+02	-2.44E-02	-4.11E+00
6.43E+01	-9.30E+01	1.57E+02	-2.32E-02	-4.11E+00
6.43E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.12E+00
6.43E+01	-9.30E+01	1.57E+02	-3.17E-02	-4.10E+00
6.43E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.10E+00
6.43E+01	-9.30E+01	1.57E+02	-7.32E-03	-4.10E+00
6.44E+01	-9.30E+01	1.57E+02	-2.32E-02	-4.08E+00
6.44E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.09E+00
6.44E+01	-9.30E+01	1.57E+02	-1.95E-02	-4.10E+00
6.44E+01	-9.30E+01	1.57E+02	-3.91E-02	-4.09E+00
6.44E+01	-9.30E+01	1.57E+02	-2.20E-02	-4.09E+00
6.45E+01	-9.30E+01	1.57E+02	-3.05E-02	-4.09E+00
6.45E+01	-9.30E+01	1.57E+02	-1.59E-02	-4.09E+00
6.45E+01	-9.30E+01	1.57E+02	-9.77E-03	-4.08E+00
6.45E+01	-9.30E+01	1.57E+02	-2.44E-03	-4.08E+00

6.45E+01	-9.30E+01	1.57E+02	-4.88E-03	-4.08E+00
6.46E+01	-9.30E+01	1.57E+02	-1.22E-02	-4.07E+00
6.46E+01	-9.30E+01	1.57E+02	-2.93E-02	-4.07E+00
6.46E+01	-9.30E+01	1.57E+02	-2.69E-02	-4.08E+00
6.46E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.08E+00
6.46E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.08E+00
6.47E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.08E+00
6.47E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.07E+00
6.47E+01	-9.30E+01	1.56E+02	1.22E-03	-4.06E+00
6.47E+01	-9.30E+01	1.56E+02	4.88E-03	-4.05E+00
6.47E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.06E+00
6.48E+01	-9.30E+01	1.57E+02	-2.08E-02	-4.05E+00
6.48E+01	-9.30E+01	1.57E+02	-1.59E-02	-4.05E+00
6.48E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.06E+00
6.48E+01	-9.30E+01	1.56E+02	-3.42E-02	-4.06E+00
6.48E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.06E+00
6.49E+01	-9.30E+01	1.56E+02	-2.44E-03	-4.06E+00
6.49E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.05E+00
6.49E+01	-9.30E+01	1.56E+02	0.00E+00	-4.05E+00
6.49E+01	-9.30E+01	1.57E+02	9.77E-03	-4.04E+00
6.49E+01	-9.30E+01	1.56E+02	-6.10E-03	-4.05E+00
6.50E+01	-9.30E+01	1.56E+02	-3.91E-02	-4.04E+00
6.50E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.04E+00
6.50E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.04E+00
6.50E+01	-9.30E+01	1.56E+02	-1.10E-02	-4.05E+00
6.50E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.04E+00
6.51E+01	-9.30E+01	1.56E+02	-4.88E-03	-4.05E+00
6.51E+01	-9.30E+01	1.56E+02	-1.22E-02	-4.03E+00
6.51E+01	-9.30E+01	1.57E+02	-1.71E-02	-4.03E+00
6.51E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.03E+00
6.51E+01	-9.30E+01	1.56E+02	-2.93E-02	-4.03E+00
6.52E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.02E+00
6.52E+01	-9.30E+01	1.56E+02	2.44E-03	-4.04E+00
6.52E+01	-9.30E+01	1.56E+02	-7.32E-03	-4.03E+00
6.52E+01	-9.30E+01	1.56E+02	-4.88E-03	-4.02E+00
6.52E+01	-9.30E+01	1.56E+02	-2.44E-02	-4.02E+00
6.53E+01	-9.30E+01	1.56E+02	2.44E-03	-4.02E+00
6.53E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.99E+00
6.53E+01	-9.30E+01	1.56E+02	-2.20E-02	-4.01E+00
6.53E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.02E+00
6.53E+01	-9.30E+01	1.56E+02	-5.49E-02	-4.01E+00
6.54E+01	-9.30E+01	1.56E+02	-3.91E-02	-4.02E+00
6.54E+01	-9.30E+01	1.56E+02	-2.69E-02	-4.02E+00
6.54E+01	-9.30E+01	1.56E+02	-1.95E-02	-4.01E+00
6.54E+01	-9.30E+01	1.56E+02	-6.10E-03	-4.01E+00
6.54E+01	-9.30E+01	1.56E+02	-3.66E-03	-4.00E+00
6.55E+01	-9.30E+01	1.56E+02	-1.34E-02	-4.01E+00

6.55E+01	-9.30E+01	1.56E+02	-3.42E-02	-4.00E+00
6.55E+01	-9.30E+01	1.56E+02	-1.71E-02	-4.00E+00
6.55E+01	-9.30E+01	1.56E+02	-1.46E-02	-4.01E+00
6.55E+01	-9.30E+01	1.55E+02	-2.44E-02	-4.02E+00
6.56E+01	-9.30E+01	1.55E+02	-2.44E-02	-4.00E+00
6.56E+01	-9.30E+01	1.55E+02	-2.44E-03	-3.99E+00
6.56E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.98E+00
6.56E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.98E+00
6.56E+01	-9.30E+01	1.55E+02	-2.69E-02	-4.00E+00
6.57E+01	-9.30E+01	1.55E+02	-3.54E-02	-3.99E+00
6.57E+01	-9.30E+01	1.56E+02	-3.30E-02	-3.99E+00
6.57E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.99E+00
6.57E+01	-9.30E+01	1.55E+02	-5.00E-02	-3.98E+00
6.57E+01	-9.30E+01	1.55E+02	-1.34E-02	-3.98E+00
6.58E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.98E+00
6.58E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.97E+00
6.58E+01	-9.30E+01	1.55E+02	2.44E-03	-3.97E+00
6.58E+01	-9.30E+01	1.55E+02	-2.93E-02	-3.96E+00
6.58E+01	-9.30E+01	1.55E+02	-4.15E-02	-3.97E+00
6.59E+01	-9.30E+01	1.56E+02	-1.83E-02	-3.97E+00
6.59E+01	-9.30E+01	1.55E+02	-1.71E-02	-3.96E+00
6.59E+01	-9.30E+01	1.55E+02	-4.39E-02	-3.97E+00
6.59E+01	-9.30E+01	1.55E+02	-2.08E-02	-3.97E+00
6.59E+01	-9.30E+01	1.55E+02	-1.34E-02	-3.98E+00
6.60E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.97E+00
6.60E+01	-9.30E+01	1.55E+02	-4.88E-03	-3.94E+00
6.60E+01	-9.30E+01	1.55E+02	1.46E-02	-3.96E+00
6.60E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.95E+00
6.60E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.94E+00
6.61E+01	-9.30E+01	1.55E+02	-2.93E-02	-3.94E+00
6.61E+01	-9.30E+01	1.55E+02	-1.71E-02	-3.94E+00
6.61E+01	-9.30E+01	1.55E+02	-4.03E-02	-3.95E+00
6.61E+01	-9.30E+01	1.55E+02	-5.62E-02	-3.95E+00
6.61E+01	-9.30E+01	1.55E+02	-2.32E-02	-3.94E+00
6.62E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.95E+00
6.62E+01	-9.30E+01	1.55E+02	-2.08E-02	-3.95E+00
6.62E+01	-9.30E+01	1.55E+02	-1.59E-02	-3.95E+00
6.62E+01	-9.30E+01	1.55E+02	1.22E-03	-3.94E+00
6.62E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.94E+00
6.63E+01	-9.30E+01	1.55E+02	2.44E-03	-3.93E+00
6.63E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.92E+00
6.63E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.92E+00
6.63E+01	-9.30E+01	1.55E+02	-1.22E-02	-3.92E+00
6.63E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.92E+00
6.64E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.93E+00
6.64E+01	-9.30E+01	1.54E+02	-1.59E-02	-3.93E+00
6.64E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.93E+00

6.64E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.92E+00
6.64E+01	-9.30E+01	1.55E+02	2.44E-02	-3.92E+00
6.65E+01	-9.30E+01	1.54E+02	-1.22E-02	-3.92E+00
6.65E+01	-9.30E+01	1.54E+02	-2.44E-03	-3.91E+00
6.65E+01	-9.30E+01	1.54E+02	-1.83E-02	-3.91E+00
6.65E+01	-9.30E+01	1.55E+02	-2.32E-02	-3.92E+00
6.65E+01	-9.30E+01	1.55E+02	-1.83E-02	-3.91E+00
6.66E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.90E+00
6.66E+01	-9.30E+01	1.55E+02	-2.81E-02	-3.92E+00
6.66E+01	-9.30E+01	1.54E+02	-1.95E-02	-3.92E+00
6.66E+01	-9.30E+01	1.54E+02	-3.42E-02	-3.91E+00
6.66E+01	-9.30E+01	1.54E+02	-1.22E-02	-3.90E+00
6.67E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.90E+00
6.67E+01	-9.30E+01	1.55E+02	-6.10E-03	-3.89E+00
6.67E+01	-9.30E+01	1.55E+02	2.44E-03	-3.88E+00
6.67E+01	-9.30E+01	1.55E+02	-3.17E-02	-3.89E+00
6.67E+01	-9.30E+01	1.54E+02	-2.20E-02	-3.90E+00
6.68E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.90E+00
6.68E+01	-9.30E+01	1.55E+02	-3.05E-02	-3.89E+00
6.68E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.88E+00
6.68E+01	-9.30E+01	1.55E+02	-1.83E-02	-3.89E+00
6.68E+01	-9.30E+01	1.55E+02	-3.66E-02	-3.89E+00
6.69E+01	-9.30E+01	1.54E+02	-1.95E-02	-3.89E+00
6.69E+01	-9.30E+01	1.54E+02	-2.44E-03	-3.89E+00
6.69E+01	-9.30E+01	1.54E+02	-1.22E-02	-3.89E+00
6.69E+01	-9.30E+01	1.55E+02	2.44E-03	-3.87E+00
6.69E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.87E+00
6.70E+01	-9.30E+01	1.55E+02	-3.42E-02	-3.87E+00
6.70E+01	-9.30E+01	1.54E+02	-2.56E-02	-3.88E+00
6.70E+01	-9.30E+01	1.54E+02	-1.71E-02	-3.88E+00
6.70E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.86E+00
6.70E+01	-9.30E+01	1.55E+02	-1.10E-02	-3.87E+00
6.71E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.86E+00
6.71E+01	-9.30E+01	1.53E+02	-2.69E-02	-3.87E+00
6.71E+01	-9.30E+01	1.54E+02	-1.83E-02	-3.87E+00
6.71E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.87E+00
6.71E+01	-9.30E+01	1.54E+02	-2.20E-02	-3.86E+00
6.72E+01	-9.30E+01	1.54E+02	-1.95E-02	-3.85E+00
6.72E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.86E+00
6.72E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.85E+00
6.72E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.85E+00
6.72E+01	-9.30E+01	1.54E+02	-2.44E-02	-3.86E+00
6.73E+01	-9.30E+01	1.54E+02	-2.56E-02	-3.85E+00
6.73E+01	-9.30E+01	1.54E+02	-2.93E-02	-3.86E+00
6.73E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.86E+00
6.73E+01	-9.30E+01	1.55E+02	-2.93E-02	-3.86E+00
6.73E+01	-9.30E+01	1.55E+02	-1.71E-02	-3.85E+00

6.74E+01	-9.30E+01	1.54E+02	-5.37E-02	-3.84E+00
6.74E+01	-9.30E+01	1.54E+02	-2.44E-03	-3.85E+00
6.74E+01	-9.30E+01	1.54E+02	-4.88E-03	-3.84E+00
6.74E+01	-9.30E+01	1.55E+02	4.88E-03	-3.83E+00
6.74E+01	-9.30E+01	1.55E+02	-1.22E-02	-3.83E+00
6.75E+01	-9.30E+01	1.54E+02	1.22E-03	-3.83E+00
6.75E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.83E+00
6.75E+01	-9.30E+01	1.55E+02	-2.32E-02	-3.83E+00
6.75E+01	-9.30E+01	1.54E+02	-1.46E-02	-3.82E+00
6.75E+01	-9.30E+01	1.54E+02	-4.15E-02	-3.83E+00
6.76E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.81E+00
6.76E+01	-9.30E+01	1.55E+02	-3.66E-02	-3.83E+00
6.76E+01	-9.30E+01	1.54E+02	-3.17E-02	-3.83E+00
6.76E+01	-9.30E+01	1.54E+02	-3.42E-02	-3.83E+00
6.76E+01	-9.30E+01	1.54E+02	-1.46E-02	-3.83E+00
6.77E+01	-9.30E+01	1.54E+02	-1.22E-02	-3.82E+00
6.77E+01	-9.30E+01	1.54E+02	9.77E-03	-3.82E+00
6.77E+01	-9.30E+01	1.54E+02	-3.66E-03	-3.81E+00
6.77E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.80E+00
6.77E+01	-9.30E+01	1.55E+02	8.54E-03	-3.81E+00
6.78E+01	-9.30E+01	1.54E+02	-2.20E-02	-3.81E+00
6.78E+01	-9.30E+01	1.54E+02	-2.93E-02	-3.80E+00
6.78E+01	-9.30E+01	1.54E+02	-4.39E-02	-3.80E+00
6.78E+01	-9.30E+01	1.55E+02	-3.17E-02	-3.80E+00
6.78E+01	-9.30E+01	1.54E+02	-2.44E-02	-3.81E+00
6.79E+01	-9.30E+01	1.54E+02	-2.20E-02	-3.81E+00
6.79E+01	-9.30E+01	1.54E+02	-3.30E-02	-3.81E+00
6.79E+01	-9.30E+01	1.54E+02	-2.93E-02	-3.81E+00
6.79E+01	-9.30E+01	1.54E+02	-8.54E-03	-3.80E+00
6.79E+01	-9.30E+01	1.54E+02	-7.32E-03	-3.81E+00
6.80E+01	-9.30E+01	1.54E+02	1.22E-02	-3.79E+00
6.80E+01	-9.30E+01	1.54E+02	-4.88E-03	-3.78E+00
6.80E+01	-9.30E+01	1.54E+02	-1.46E-02	-3.79E+00
6.80E+01	-9.30E+01	1.54E+02	-4.15E-02	-3.79E+00
6.80E+01	-9.30E+01	1.54E+02	-2.44E-02	-3.79E+00
6.81E+01	-9.30E+01	1.54E+02	-2.44E-03	-3.80E+00
6.81E+01	-9.30E+01	1.54E+02	-1.22E-02	-3.79E+00
6.81E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.79E+00
6.81E+01	-9.30E+01	1.54E+02	9.77E-03	-3.78E+00
6.81E+01	-9.30E+01	1.54E+02	-4.88E-03	-3.78E+00
6.82E+01	-9.30E+01	1.55E+02	-3.91E-02	-3.78E+00
6.82E+01	-9.30E+01	1.55E+02	-8.54E-03	-3.77E+00
6.82E+01	-9.30E+01	1.54E+02	-2.69E-02	-3.77E+00
6.82E+01	-9.30E+01	1.54E+02	-3.78E-02	-3.78E+00
6.82E+01	-9.30E+01	1.54E+02	-3.66E-02	-3.78E+00
6.83E+01	-9.30E+01	1.54E+02	-3.05E-02	-3.78E+00
6.83E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.77E+00

6.83E+01	-9.30E+01	1.54E+02	-8.54E-03	-3.77E+00
6.83E+01	-9.30E+01	1.54E+02	-3.66E-03	-3.76E+00
6.83E+01	-9.30E+01	1.54E+02	1.22E-02	-3.76E+00
6.84E+01	-9.30E+01	1.54E+02	-1.10E-02	-3.77E+00
6.84E+01	-9.30E+01	1.55E+02	-2.44E-03	-3.74E+00
6.84E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.75E+00
6.84E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.76E+00
6.84E+01	-9.30E+01	1.54E+02	-3.78E-02	-3.75E+00
6.85E+01	-9.30E+01	1.54E+02	-2.20E-02	-3.74E+00
6.85E+01	-9.30E+01	1.55E+02	-1.83E-02	-3.75E+00
6.85E+01	-9.30E+01	1.55E+02	-3.17E-02	-3.75E+00
6.85E+01	-9.30E+01	1.54E+02	-3.42E-02	-3.74E+00
6.85E+01	-9.30E+01	1.54E+02	-7.32E-03	-3.75E+00
6.86E+01	-9.30E+01	1.55E+02	2.44E-03	-3.75E+00
6.86E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.74E+00
6.86E+01	-9.30E+01	1.54E+02	-3.17E-02	-3.73E+00
6.86E+01	-9.30E+01	1.54E+02	-3.17E-02	-3.74E+00
6.86E+01	-9.30E+01	1.55E+02	-3.05E-02	-3.75E+00
6.87E+01	-9.30E+01	1.55E+02	-1.83E-02	-3.74E+00
6.87E+01	-9.30E+01	1.54E+02	-1.46E-02	-3.74E+00
6.87E+01	-9.30E+01	1.55E+02	-3.91E-02	-3.73E+00
6.87E+01	-9.30E+01	1.54E+02	-4.88E-03	-3.73E+00
6.87E+01	-9.30E+01	1.55E+02	-2.44E-03	-3.71E+00
6.88E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.72E+00
6.88E+01	-9.30E+01	1.55E+02	-3.05E-02	-3.72E+00
6.88E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.72E+00
6.88E+01	-9.30E+01	1.55E+02	-4.88E-02	-3.73E+00
6.88E+01	-9.30E+01	1.55E+02	-2.32E-02	-3.73E+00
6.89E+01	-9.30E+01	1.54E+02	-2.44E-03	-3.72E+00
6.89E+01	-9.30E+01	1.55E+02	-2.44E-03	-3.71E+00
6.89E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.72E+00
6.89E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.71E+00
6.89E+01	-9.30E+01	1.55E+02	-3.30E-02	-3.72E+00
6.90E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.72E+00
6.90E+01	-9.30E+01	1.55E+02	-1.71E-02	-3.72E+00
6.90E+01	-9.30E+01	1.55E+02	-1.10E-02	-3.71E+00
6.90E+01	-9.30E+01	1.55E+02	-1.34E-02	-3.70E+00
6.90E+01	-9.30E+01	1.54E+02	-1.46E-02	-3.70E+00
6.91E+01	-9.30E+01	1.55E+02	4.88E-03	-3.71E+00
6.91E+01	-9.30E+01	1.55E+02	7.32E-03	-3.70E+00
6.91E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.69E+00
6.91E+01	-9.30E+01	1.55E+02	-1.59E-02	-3.70E+00
6.91E+01	-9.30E+01	1.55E+02	-3.42E-02	-3.70E+00
6.92E+01	-9.30E+01	1.54E+02	-3.05E-02	-3.70E+00
6.92E+01	-9.30E+01	1.55E+02	-1.22E-03	-3.71E+00
6.92E+01	-9.30E+01	1.55E+02	-2.44E-03	-3.70E+00
6.92E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.69E+00

6.92E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.68E+00
6.93E+01	-9.30E+01	1.55E+02	3.66E-03	-3.68E+00
6.93E+01	-9.30E+01	1.55E+02	-1.10E-02	-3.67E+00
6.93E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.68E+00
6.93E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.68E+00
6.93E+01	-9.30E+01	1.55E+02	-3.17E-02	-3.68E+00
6.94E+01	-9.30E+01	1.55E+02	-7.08E-02	-3.68E+00
6.94E+01	-9.30E+01	1.55E+02	-2.93E-02	-3.68E+00
6.94E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.68E+00
6.94E+01	-9.30E+01	1.54E+02	-3.42E-02	-3.68E+00
6.94E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.67E+00
6.95E+01	-9.30E+01	1.55E+02	4.88E-03	-3.67E+00
6.95E+01	-9.30E+01	1.55E+02	9.77E-03	-3.66E+00
6.95E+01	-9.30E+01	1.55E+02	-8.54E-03	-3.66E+00
6.95E+01	-9.30E+01	1.54E+02	1.71E-02	-3.65E+00
6.95E+01	-9.30E+01	1.55E+02	-2.56E-02	-3.66E+00
6.96E+01	-9.30E+01	1.55E+02	-1.71E-02	-3.67E+00
6.96E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.66E+00
6.96E+01	-9.30E+01	1.55E+02	-1.22E-02	-3.67E+00
6.96E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.67E+00
6.96E+01	-9.30E+01	1.55E+02	0.00E+00	-3.65E+00
6.97E+01	-9.30E+01	1.55E+02	-2.44E-03	-3.65E+00
6.97E+01	-9.30E+01	1.55E+02	1.22E-02	-3.65E+00
6.97E+01	-9.30E+01	1.55E+02	1.59E-02	-3.64E+00
6.97E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.65E+00
6.97E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.64E+00
6.98E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.64E+00
6.98E+01	-9.30E+01	1.55E+02	-1.10E-02	-3.65E+00
6.98E+01	-9.30E+01	1.55E+02	-4.88E-03	-3.65E+00
6.98E+01	-9.30E+01	1.55E+02	2.44E-03	-3.65E+00
6.98E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.63E+00
6.99E+01	-9.30E+01	1.55E+02	-1.34E-02	-3.62E+00
6.99E+01	-9.30E+01	1.55E+02	-3.66E-03	-3.63E+00
6.99E+01	-9.30E+01	1.55E+02	-4.88E-02	-3.62E+00
6.99E+01	-9.30E+01	1.55E+02	-3.66E-02	-3.63E+00
6.99E+01	-9.30E+01	1.55E+02	-3.91E-02	-3.63E+00
7.00E+01	-9.30E+01	1.55E+02	-3.91E-02	-3.64E+00
7.00E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.62E+00
7.00E+01	-9.30E+01	1.55E+02	2.44E-03	-3.63E+00
7.00E+01	-9.30E+01	1.55E+02	7.32E-03	-3.62E+00
7.00E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.61E+00
7.01E+01	-9.30E+01	1.55E+02	-7.32E-03	-3.60E+00
7.01E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.61E+00
7.01E+01	-9.30E+01	1.55E+02	-2.08E-02	-3.62E+00
7.01E+01	-9.30E+01	1.55E+02	-3.91E-02	-3.62E+00
7.01E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.62E+00
7.02E+01	-9.30E+01	1.55E+02	1.95E-02	-3.63E+00

7.02E+01	-9.30E+01	1.55E+02	-6.10E-03	-3.61E+00
7.02E+01	-9.30E+01	1.55E+02	-4.88E-03	-3.61E+00
7.02E+01	-9.30E+01	1.55E+02	-1.22E-03	-3.60E+00
7.02E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.60E+00
7.03E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.59E+00
7.03E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.59E+00
7.03E+01	-9.30E+01	1.55E+02	-1.34E-02	-3.59E+00
7.03E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.59E+00
7.03E+01	-9.30E+01	1.55E+02	-3.66E-02	-3.59E+00
7.04E+01	-9.30E+01	1.55E+02	-2.32E-02	-3.59E+00
7.04E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.60E+00
7.04E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.60E+00
7.04E+01	-9.30E+01	1.55E+02	-3.91E-02	-3.60E+00
7.04E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.59E+00
7.05E+01	-9.30E+01	1.54E+02	-1.59E-02	-3.59E+00
7.05E+01	-9.30E+01	1.55E+02	8.54E-03	-3.59E+00
7.05E+01	-9.30E+01	1.55E+02	-4.88E-03	-3.58E+00
7.05E+01	-9.30E+01	1.55E+02	2.44E-03	-3.58E+00
7.05E+01	-9.30E+01	1.55E+02	-1.34E-02	-3.57E+00
7.06E+01	-9.30E+01	1.55E+02	-2.93E-02	-3.57E+00
7.06E+01	-9.30E+01	1.54E+02	-1.95E-02	-3.57E+00
7.06E+01	-9.30E+01	1.53E+02	-2.20E-02	-3.57E+00
7.06E+01	-9.30E+01	1.54E+02	-3.91E-02	-3.58E+00
7.06E+01	-9.30E+01	1.55E+02	-2.32E-02	-3.57E+00
7.07E+01	-9.30E+01	1.54E+02	-1.22E-02	-3.58E+00
7.07E+01	-9.30E+01	1.54E+02	-1.22E-02	-3.57E+00
7.07E+01	-9.30E+01	1.55E+02	-4.88E-03	-3.56E+00
7.07E+01	-9.30E+01	1.55E+02	-4.88E-03	-3.56E+00
7.07E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.56E+00
7.08E+01	-9.30E+01	1.54E+02	-7.32E-03	-3.54E+00
7.08E+01	-9.30E+01	1.54E+02	-2.44E-02	-3.55E+00
7.08E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.57E+00
7.08E+01	-9.30E+01	1.55E+02	-3.30E-02	-3.56E+00
7.08E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.56E+00
7.09E+01	-9.30E+01	1.54E+02	-7.32E-03	-3.55E+00
7.09E+01	-9.30E+01	1.54E+02	2.44E-03	-3.55E+00
7.09E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.54E+00
7.09E+01	-9.30E+01	1.54E+02	1.22E-02	-3.55E+00
7.09E+01	-9.30E+01	1.54E+02	-2.69E-02	-3.54E+00
7.10E+01	-9.30E+01	1.54E+02	-2.56E-02	-3.52E+00
7.10E+01	-9.30E+01	1.55E+02	-3.66E-02	-3.53E+00
7.10E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.55E+00
7.10E+01	-9.30E+01	1.54E+02	-1.95E-02	-3.54E+00
7.10E+01	-9.30E+01	1.54E+02	-3.17E-02	-3.54E+00
7.11E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.54E+00
7.11E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.54E+00
7.11E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.54E+00

7.11E+01	-9.30E+01	1.54E+02	-1.22E-02	-3.52E+00
7.11E+01	-9.30E+01	1.54E+02	7.32E-03	-3.52E+00
7.12E+01	-9.30E+01	1.54E+02	-1.22E-02	-3.52E+00
7.12E+01	-9.30E+01	1.54E+02	-3.66E-02	-3.52E+00
7.12E+01	-9.30E+01	1.54E+02	-2.69E-02	-3.53E+00
7.12E+01	-9.30E+01	1.54E+02	-2.44E-02	-3.53E+00
7.12E+01	-9.30E+01	1.54E+02	-1.22E-02	-3.52E+00
7.13E+01	-9.30E+01	1.54E+02	2.44E-03	-3.51E+00
7.13E+01	-9.30E+01	1.54E+02	4.88E-03	-3.52E+00
7.13E+01	-9.30E+01	1.54E+02	1.46E-02	-3.51E+00
7.13E+01	-9.30E+01	1.54E+02	-4.88E-03	-3.50E+00
7.13E+01	-9.30E+01	1.54E+02	-2.44E-03	-3.50E+00
7.14E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.51E+00
7.14E+01	-9.30E+01	1.54E+02	-1.71E-02	-3.50E+00
7.14E+01	-9.30E+01	1.54E+02	-3.66E-02	-3.50E+00
7.14E+01	-9.30E+01	1.54E+02	-2.20E-02	-3.50E+00
7.14E+01	-9.30E+01	1.54E+02	-1.95E-02	-3.48E+00
7.15E+01	-9.30E+01	1.54E+02	-1.34E-02	-3.49E+00
7.15E+01	-9.30E+01	1.54E+02	-3.78E-02	-3.49E+00
7.15E+01	-9.30E+01	1.54E+02	-2.93E-02	-3.50E+00
7.15E+01	-9.30E+01	1.54E+02	-2.81E-02	-3.51E+00
7.15E+01	-9.30E+01	1.53E+02	-2.20E-02	-3.51E+00
7.16E+01	-9.30E+01	1.54E+02	0.00E+00	-3.49E+00
7.16E+01	-9.30E+01	1.54E+02	-1.46E-02	-3.49E+00
7.16E+01	-9.30E+01	1.54E+02	-4.64E-02	-3.49E+00
7.16E+01	-9.30E+01	1.53E+02	-2.93E-02	-3.49E+00
7.16E+01	-9.30E+01	1.53E+02	-3.05E-02	-3.49E+00
7.17E+01	-9.30E+01	1.54E+02	-2.69E-02	-3.49E+00
7.17E+01	-9.30E+01	1.53E+02	-1.34E-02	-3.49E+00
7.17E+01	-9.30E+01	1.53E+02	-1.22E-02	-3.49E+00
7.17E+01	-9.30E+01	1.53E+02	1.46E-02	-3.48E+00
7.17E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.46E+00
7.18E+01	-9.30E+01	1.53E+02	-9.77E-03	-3.47E+00
7.18E+01	-9.30E+01	1.53E+02	3.66E-03	-3.47E+00
7.18E+01	-9.30E+01	1.54E+02	-3.66E-02	-3.47E+00
7.18E+01	-9.30E+01	1.54E+02	-6.10E-02	-3.47E+00
7.18E+01	-9.30E+01	1.53E+02	-1.46E-02	-3.48E+00
7.19E+01	-9.30E+01	1.53E+02	-1.46E-02	-3.48E+00
7.19E+01	-9.30E+01	1.53E+02	-9.77E-03	-3.47E+00
7.19E+01	-9.30E+01	1.53E+02	2.44E-03	-3.47E+00
7.19E+01	-9.30E+01	1.53E+02	6.10E-03	-3.45E+00
7.19E+01	-9.30E+01	1.53E+02	-6.10E-03	-3.45E+00
7.20E+01	-9.30E+01	1.53E+02	-9.77E-03	-3.45E+00
7.20E+01	-9.30E+01	1.53E+02	-1.10E-02	-3.45E+00
7.20E+01	-9.30E+01	1.53E+02	1.22E-03	-3.45E+00
7.20E+01	-9.30E+01	1.53E+02	-1.95E-02	-3.44E+00
7.20E+01	-9.30E+01	1.53E+02	-4.15E-02	-3.44E+00

7.21E+01	-9.30E+01	1.53E+02	-2.20E-02	-3.45E+00
7.21E+01	-9.30E+01	1.53E+02	-1.83E-02	-3.44E+00
7.21E+01	-9.30E+01	1.53E+02	-3.17E-02	-3.45E+00
7.21E+01	-9.30E+01	1.53E+02	-3.05E-02	-3.45E+00
7.21E+01	-9.30E+01	1.53E+02	-1.10E-02	-3.46E+00
7.22E+01	-9.30E+01	1.53E+02	-2.08E-02	-3.45E+00
7.22E+01	-9.30E+01	1.53E+02	-2.44E-03	-3.44E+00
7.22E+01	-9.30E+01	1.53E+02	1.71E-02	-3.43E+00
7.22E+01	-9.30E+01	1.54E+02	-3.42E-02	-3.43E+00
7.22E+01	-9.30E+01	1.54E+02	-3.78E-02	-3.43E+00
7.23E+01	-9.30E+01	1.53E+02	-2.20E-02	-3.44E+00
7.23E+01	-9.30E+01	1.52E+02	-1.95E-02	-3.44E+00
7.23E+01	-9.30E+01	1.53E+02	-1.22E-02	-3.43E+00
7.23E+01	-9.30E+01	1.53E+02	3.66E-03	-3.43E+00
7.23E+01	-9.30E+01	1.53E+02	-1.22E-02	-3.43E+00
7.24E+01	-9.30E+01	1.53E+02	1.10E-02	-3.42E+00
7.24E+01	-9.30E+01	1.53E+02	-7.32E-03	-3.42E+00
7.24E+01	-9.30E+01	1.53E+02	2.44E-03	-3.42E+00
7.24E+01	-9.30E+01	1.53E+02	-2.69E-02	-3.42E+00
7.24E+01	-9.30E+01	1.53E+02	-3.17E-02	-3.43E+00
7.25E+01	-9.30E+01	1.53E+02	-1.46E-02	-3.42E+00
7.25E+01	-9.30E+01	1.53E+02	-2.69E-02	-3.42E+00
7.25E+01	-9.30E+01	1.53E+02	-2.20E-02	-3.42E+00
7.25E+01	-9.30E+01	1.53E+02	-2.20E-02	-3.43E+00
7.25E+01	-9.30E+01	1.53E+02	-1.59E-02	-3.42E+00
7.26E+01	-9.30E+01	1.53E+02	-2.56E-02	-3.42E+00
7.26E+01	-9.30E+01	1.53E+02	-3.17E-02	-3.42E+00
7.26E+01	-9.30E+01	1.53E+02	-8.54E-03	-3.41E+00
7.26E+01	-9.30E+01	1.53E+02	1.22E-02	-3.40E+00
7.26E+01	-9.30E+01	1.53E+02	-1.95E-02	-3.40E+00
7.27E+01	-9.30E+01	1.53E+02	-2.69E-02	-3.40E+00
7.27E+01	-9.30E+01	1.53E+02	-1.46E-02	-3.39E+00
7.27E+01	-9.30E+01	1.53E+02	-2.56E-02	-3.40E+00
7.27E+01	-9.30E+01	1.53E+02	-4.76E-02	-3.40E+00
7.27E+01	-9.30E+01	1.53E+02	-1.10E-02	-3.40E+00
7.28E+01	-9.30E+01	1.53E+02	1.22E-03	-3.39E+00
7.28E+01	-9.30E+01	1.53E+02	-2.44E-02	-3.40E+00
7.28E+01	-9.30E+01	1.53E+02	-1.71E-02	-3.39E+00
7.28E+01	-9.30E+01	1.53E+02	2.44E-03	-3.38E+00
7.28E+01	-9.30E+01	1.53E+02	2.32E-02	-3.39E+00
7.29E+01	-9.30E+01	1.53E+02	-1.71E-02	-3.38E+00
7.29E+01	-9.30E+01	1.53E+02	-2.93E-02	-3.37E+00
7.29E+01	-9.30E+01	1.53E+02	-2.44E-02	-3.38E+00
7.29E+01	-9.30E+01	1.53E+02	-3.42E-02	-3.39E+00
7.29E+01	-9.30E+01	1.53E+02	-2.81E-02	-3.38E+00
7.30E+01	-9.30E+01	1.53E+02	2.44E-03	-3.38E+00
7.30E+01	-9.30E+01	1.53E+02	-1.46E-02	-3.38E+00

7.30E+01	-9.30E+01	1.53E+02	7.32E-03	-3.37E+00
7.30E+01	-9.30E+01	1.53E+02	-7.32E-03	-3.37E+00
7.30E+01	-9.30E+01	1.53E+02	-4.88E-03	-3.37E+00
7.31E+01	-9.30E+01	1.53E+02	-7.32E-03	-3.36E+00
7.31E+01	-9.30E+01	1.54E+02	-2.56E-02	-3.35E+00
7.31E+01	-9.30E+01	1.54E+02	-2.56E-02	-3.36E+00
7.31E+01	-9.30E+01	1.53E+02	-1.95E-02	-3.36E+00
7.31E+01	-9.30E+01	1.53E+02	-2.93E-02	-3.35E+00
7.32E+01	-9.30E+01	1.54E+02	-1.22E-02	-3.36E+00
7.32E+01	-9.30E+01	1.53E+02	-1.22E-02	-3.37E+00
7.32E+01	-9.30E+01	1.53E+02	-2.44E-02	-3.36E+00
7.32E+01	-9.30E+01	1.53E+02	-2.93E-02	-3.36E+00
7.32E+01	-9.30E+01	1.53E+02	-1.10E-02	-3.36E+00
7.33E+01	-9.30E+01	1.53E+02	-1.71E-02	-3.35E+00
7.33E+01	-9.30E+01	1.53E+02	-7.32E-03	-3.36E+00
7.33E+01	-9.30E+01	1.53E+02	-1.71E-02	-3.35E+00
7.33E+01	-9.30E+01	1.54E+02	1.46E-02	-3.33E+00
7.33E+01	-9.30E+01	1.54E+02	2.44E-03	-3.34E+00
7.34E+01	-9.30E+01	1.54E+02	-1.95E-02	-3.34E+00
7.34E+01	-9.30E+01	1.54E+02	-4.88E-02	-3.34E+00
7.34E+01	-9.30E+01	1.54E+02	-2.56E-02	-3.34E+00
7.34E+01	-9.30E+01	1.54E+02	-2.08E-02	-3.35E+00
7.34E+01	-9.30E+01	1.53E+02	-2.44E-02	-3.34E+00
7.35E+01	-9.30E+01	1.53E+02	-1.71E-02	-3.33E+00
7.35E+01	-9.30E+01	1.53E+02	-2.81E-02	-3.33E+00
7.35E+01	-9.30E+01	1.54E+02	0.00E+00	-3.33E+00
7.35E+01	-9.30E+01	1.54E+02	-2.32E-02	-3.31E+00
7.35E+01	-9.30E+01	1.54E+02	-1.22E-02	-3.32E+00
7.36E+01	-9.30E+01	1.54E+02	-1.71E-02	-3.33E+00
7.36E+01	-9.30E+01	1.54E+02	-4.15E-02	-3.32E+00
7.36E+01	-9.30E+01	1.54E+02	-4.88E-03	-3.31E+00
7.36E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.32E+00
7.36E+01	-9.30E+01	1.54E+02	-2.20E-02	-3.31E+00
7.37E+01	-9.30E+01	1.54E+02	-2.44E-02	-3.31E+00
7.37E+01	-9.30E+01	1.54E+02	-1.71E-02	-3.32E+00
7.37E+01	-9.30E+01	1.54E+02	-3.05E-02	-3.32E+00
7.37E+01	-9.30E+01	1.53E+02	-2.56E-02	-3.33E+00
7.37E+01	-9.30E+01	1.54E+02	-1.95E-02	-3.32E+00
7.38E+01	-9.30E+01	1.54E+02	-2.32E-02	-3.31E+00
7.38E+01	-9.30E+01	1.53E+02	-7.32E-03	-3.31E+00
7.38E+01	-9.30E+01	1.53E+02	2.08E-02	-3.31E+00
7.38E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.31E+00
7.38E+01	-9.30E+01	1.54E+02	0.00E+00	-3.29E+00
7.39E+01	-9.30E+01	1.54E+02	-1.22E-03	-3.30E+00
7.39E+01	-9.30E+01	1.53E+02	2.44E-03	-3.30E+00
7.39E+01	-9.30E+01	1.54E+02	-1.46E-02	-3.29E+00
7.39E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.29E+00

7.39E+01	-9.30E+01	1.54E+02	-2.69E-02	-3.29E+00
7.40E+01	-9.30E+01	1.54E+02	-1.46E-02	-3.29E+00
7.40E+01	-9.30E+01	1.54E+02	-3.54E-02	-3.28E+00
7.40E+01	-9.30E+01	1.54E+02	-2.69E-02	-3.29E+00
7.40E+01	-9.30E+01	1.54E+02	-3.42E-02	-3.29E+00
7.40E+01	-9.30E+01	1.54E+02	-2.44E-02	-3.29E+00
7.41E+01	-9.30E+01	1.54E+02	-3.66E-02	-3.29E+00
7.41E+01	-9.30E+01	1.53E+02	-2.93E-02	-3.28E+00
7.41E+01	-9.30E+01	1.53E+02	-4.15E-02	-3.29E+00
7.41E+01	-9.30E+01	1.53E+02	-2.69E-02	-3.29E+00
7.41E+01	-9.30E+01	1.54E+02	-1.95E-02	-3.29E+00
7.42E+01	-9.30E+01	1.54E+02	-2.20E-02	-3.27E+00
7.42E+01	-9.30E+01	1.54E+02	-2.44E-02	-3.27E+00
7.42E+01	-9.30E+01	1.54E+02	-1.46E-02	-3.26E+00
7.42E+01	-9.30E+01	1.55E+02	-2.08E-02	-3.26E+00
7.42E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.26E+00
7.43E+01	-9.30E+01	1.54E+02	-4.64E-02	-3.28E+00
7.43E+01	-9.30E+01	1.54E+02	-1.95E-02	-3.26E+00
7.43E+01	-9.30E+01	1.54E+02	-2.56E-02	-3.25E+00
7.43E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.25E+00
7.43E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.25E+00
7.44E+01	-9.30E+01	1.54E+02	1.22E-03	-3.25E+00
7.44E+01	-9.30E+01	1.54E+02	-2.44E-02	-3.25E+00
7.44E+01	-9.30E+01	1.54E+02	-4.15E-02	-3.25E+00
7.44E+01	-9.30E+01	1.54E+02	-3.42E-02	-3.25E+00
7.44E+01	-9.30E+01	1.54E+02	-2.32E-02	-3.26E+00
7.45E+01	-9.30E+01	1.54E+02	-1.95E-02	-3.25E+00
7.45E+01	-9.30E+01	1.54E+02	-2.81E-02	-3.26E+00
7.45E+01	-9.30E+01	1.55E+02	-2.08E-02	-3.26E+00
7.45E+01	-9.30E+01	1.54E+02	-1.95E-02	-3.26E+00
7.45E+01	-9.30E+01	1.54E+02	-2.44E-02	-3.25E+00
7.46E+01	-9.30E+01	1.54E+02	-6.10E-03	-3.23E+00
7.46E+01	-9.30E+01	1.55E+02	9.77E-03	-3.24E+00
7.46E+01	-9.30E+01	1.55E+02	1.22E-03	-3.24E+00
7.46E+01	-9.30E+01	1.54E+02	0.00E+00	-3.23E+00
7.46E+01	-9.30E+01	1.54E+02	2.44E-02	-3.24E+00
7.47E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.24E+00
7.47E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.24E+00
7.47E+01	-9.30E+01	1.55E+02	-3.91E-02	-3.23E+00
7.47E+01	-9.30E+01	1.54E+02	-9.77E-03	-3.22E+00
7.47E+01	-9.30E+01	1.55E+02	2.44E-03	-3.23E+00
7.48E+01	-9.30E+01	1.55E+02	1.10E-02	-3.22E+00
7.48E+01	-9.30E+01	1.55E+02	-1.22E-02	-3.21E+00
7.48E+01	-9.30E+01	1.54E+02	-1.71E-02	-3.22E+00
7.48E+01	-9.30E+01	1.55E+02	-3.42E-02	-3.22E+00
7.48E+01	-9.30E+01	1.55E+02	-5.86E-02	-3.20E+00
7.49E+01	-9.30E+01	1.55E+02	-2.93E-02	-3.21E+00

7.49E+01	-9.30E+01	1.55E+02	-1.83E-02	-3.21E+00
7.49E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.21E+00
7.49E+01	-9.30E+01	1.55E+02	-5.13E-02	-3.21E+00
7.49E+01	-9.30E+01	1.55E+02	-3.42E-02	-3.21E+00
7.50E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.20E+00
7.50E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.21E+00
7.50E+01	-9.30E+01	1.55E+02	-3.17E-02	-3.20E+00
7.50E+01	-9.30E+01	1.55E+02	-4.15E-02	-3.20E+00
7.50E+01	-9.30E+01	1.55E+02	-2.93E-02	-3.19E+00
7.51E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.20E+00
7.51E+01	-9.30E+01	1.55E+02	-2.56E-02	-3.21E+00
7.51E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.20E+00
7.51E+01	-9.30E+01	1.55E+02	-3.66E-03	-3.20E+00
7.51E+01	-9.30E+01	1.55E+02	-2.44E-03	-3.20E+00
7.52E+01	-9.30E+01	1.55E+02	-1.22E-02	-3.19E+00
7.52E+01	-9.30E+01	1.55E+02	-6.10E-03	-3.19E+00
7.52E+01	-9.30E+01	1.55E+02	6.10E-03	-3.18E+00
7.52E+01	-9.30E+01	1.55E+02	-6.10E-03	-3.18E+00
7.52E+01	-9.30E+01	1.55E+02	-3.17E-02	-3.18E+00
7.53E+01	-9.30E+01	1.55E+02	-6.10E-02	-3.17E+00
7.53E+01	-9.30E+01	1.55E+02	-3.17E-02	-3.19E+00
7.53E+01	-9.30E+01	1.55E+02	-3.17E-02	-3.19E+00
7.53E+01	-9.30E+01	1.55E+02	-4.64E-02	-3.18E+00
7.53E+01	-9.30E+01	1.55E+02	0.00E+00	-3.18E+00
7.54E+01	-9.30E+01	1.55E+02	-2.44E-02	-3.18E+00
7.54E+01	-9.30E+01	1.55E+02	-2.81E-02	-3.18E+00
7.54E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.18E+00
7.54E+01	-9.30E+01	1.55E+02	-2.69E-02	-3.17E+00
7.54E+01	-9.30E+01	1.55E+02	4.88E-03	-3.17E+00
7.55E+01	-9.30E+01	1.55E+02	-4.88E-03	-3.16E+00
7.55E+01	-9.30E+01	1.55E+02	-1.46E-02	-3.16E+00
7.55E+01	-9.30E+01	1.55E+02	-1.10E-02	-3.15E+00
7.55E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.15E+00
7.55E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.16E+00
7.56E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.16E+00
7.56E+01	-9.30E+01	1.55E+02	-1.34E-02	-3.15E+00
7.56E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.15E+00
7.56E+01	-9.30E+01	1.56E+02	-2.69E-02	-3.15E+00
7.56E+01	-9.30E+01	1.55E+02	-5.37E-02	-3.16E+00
7.57E+01	-9.30E+01	1.55E+02	-2.20E-02	-3.16E+00
7.57E+01	-9.30E+01	1.55E+02	-1.59E-02	-3.16E+00
7.57E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.16E+00
7.57E+01	-9.30E+01	1.55E+02	-1.95E-02	-3.15E+00
7.57E+01	-9.30E+01	1.55E+02	2.44E-03	-3.14E+00
7.58E+01	-9.30E+01	1.55E+02	4.88E-03	-3.15E+00
7.58E+01	-9.30E+01	1.56E+02	3.66E-03	-3.14E+00
7.58E+01	-9.30E+01	1.56E+02	-2.44E-03	-3.13E+00

7.58E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.13E+00
7.58E+01	-9.30E+01	1.56E+02	-1.22E-03	-3.14E+00
7.59E+01	-9.30E+01	1.56E+02	-2.32E-02	-3.14E+00
7.59E+01	-9.30E+01	1.55E+02	-9.77E-03	-3.13E+00
7.59E+01	-9.30E+01	1.56E+02	-1.34E-02	-3.12E+00
7.59E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.12E+00
7.59E+01	-9.30E+01	1.56E+02	-7.32E-03	-3.12E+00
7.60E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.12E+00
7.60E+01	-9.30E+01	1.56E+02	-2.56E-02	-3.12E+00
7.60E+01	-9.30E+01	1.55E+02	-1.71E-02	-3.13E+00
7.60E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.13E+00
7.60E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.13E+00
7.61E+01	-9.30E+01	1.56E+02	-1.83E-02	-3.12E+00
7.61E+01	-9.30E+01	1.56E+02	0.00E+00	-3.11E+00
7.61E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.11E+00
7.61E+01	-9.30E+01	1.56E+02	1.22E-03	-3.10E+00
7.61E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.13E+00
7.62E+01	-9.30E+01	1.56E+02	-3.05E-02	-3.10E+00
7.62E+01	-9.30E+01	1.56E+02	-3.54E-02	-3.10E+00
7.62E+01	-9.30E+01	1.56E+02	-2.93E-02	-3.10E+00
7.62E+01	-9.30E+01	1.56E+02	-2.81E-02	-3.10E+00
7.62E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.10E+00
7.63E+01	-9.30E+01	1.56E+02	-5.13E-02	-3.09E+00
7.63E+01	-9.30E+01	1.56E+02	-4.39E-02	-3.10E+00
7.63E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.10E+00
7.63E+01	-9.30E+01	1.56E+02	-3.17E-02	-3.10E+00
7.63E+01	-9.30E+01	1.56E+02	-2.32E-02	-3.10E+00
7.64E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.08E+00
7.64E+01	-9.30E+01	1.56E+02	-8.54E-03	-3.10E+00
7.64E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.09E+00
7.64E+01	-9.30E+01	1.56E+02	-3.91E-02	-3.09E+00
7.64E+01	-9.30E+01	1.56E+02	-1.59E-02	-3.09E+00
7.65E+01	-9.30E+01	1.56E+02	0.00E+00	-3.08E+00
7.65E+01	-9.30E+01	1.56E+02	-6.10E-03	-3.08E+00
7.65E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.07E+00
7.65E+01	-9.30E+01	1.56E+02	-2.32E-02	-3.07E+00
7.65E+01	-9.30E+01	1.56E+02	-3.05E-02	-3.08E+00
7.66E+01	-9.30E+01	1.56E+02	-1.59E-02	-3.08E+00
7.66E+01	-9.30E+01	1.56E+02	-7.32E-03	-3.07E+00
7.66E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.08E+00
7.66E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.08E+00
7.66E+01	-9.30E+01	1.56E+02	7.32E-03	-3.07E+00
7.67E+01	-9.30E+01	1.56E+02	0.00E+00	-3.06E+00
7.67E+01	-9.30E+01	1.56E+02	4.88E-03	-3.07E+00
7.67E+01	-9.30E+01	1.56E+02	1.22E-02	-3.07E+00
7.67E+01	-9.30E+01	1.56E+02	-7.32E-03	-3.08E+00
7.67E+01	-9.30E+01	1.56E+02	7.32E-03	-3.05E+00

7.68E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.06E+00
7.68E+01	-9.30E+01	1.56E+02	-3.66E-02	-3.06E+00
7.68E+01	-9.30E+01	1.56E+02	9.77E-03	-3.06E+00
7.68E+01	-9.30E+01	1.56E+02	-2.08E-02	-3.05E+00
7.68E+01	-9.30E+01	1.56E+02	-3.66E-03	-3.06E+00
7.69E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.06E+00
7.69E+01	-9.30E+01	1.56E+02	0.00E+00	-3.04E+00
7.69E+01	-9.30E+01	1.56E+02	9.77E-03	-3.04E+00
7.69E+01	-9.30E+01	1.56E+02	-3.91E-02	-3.04E+00
7.69E+01	-9.30E+01	1.56E+02	-7.32E-03	-3.03E+00
7.70E+01	-9.30E+01	1.56E+02	-1.71E-02	-3.03E+00
7.70E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.03E+00
7.70E+01	-9.30E+01	1.56E+02	4.88E-03	-3.03E+00
7.70E+01	-9.30E+01	1.56E+02	-3.54E-02	-3.03E+00
7.70E+01	-9.30E+01	1.56E+02	-3.42E-02	-3.04E+00
7.71E+01	-9.30E+01	1.56E+02	-1.34E-02	-3.05E+00
7.71E+01	-9.30E+01	1.56E+02	-3.54E-02	-3.04E+00
7.71E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.02E+00
7.71E+01	-9.30E+01	1.56E+02	-3.78E-02	-3.04E+00
7.71E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.05E+00
7.72E+01	-9.30E+01	1.56E+02	-2.08E-02	-3.03E+00
7.72E+01	-9.30E+01	1.56E+02	-2.44E-02	-3.03E+00
7.72E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.03E+00
7.72E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.03E+00
7.72E+01	-9.30E+01	1.56E+02	-1.22E-02	-3.03E+00
7.73E+01	-9.30E+01	1.56E+02	-3.66E-03	-3.01E+00
7.73E+01	-9.30E+01	1.56E+02	-1.34E-02	-3.01E+00
7.73E+01	-9.30E+01	1.56E+02	-9.77E-03	-3.02E+00
7.73E+01	-9.30E+01	1.56E+02	-2.81E-02	-3.01E+00
7.73E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.00E+00
7.74E+01	-9.30E+01	1.56E+02	-2.20E-02	-3.01E+00
7.74E+01	-9.30E+01	1.56E+02	-3.42E-02	-3.01E+00
7.74E+01	-9.30E+01	1.56E+02	-1.95E-02	-3.01E+00
7.74E+01	-9.30E+01	1.56E+02	1.83E-02	-3.01E+00
7.74E+01	-9.30E+01	1.56E+02	-4.88E-03	-3.00E+00
7.75E+01	-9.30E+01	1.56E+02	-1.10E-02	-3.00E+00
7.75E+01	-9.30E+01	1.56E+02	0.00E+00	-2.99E+00
7.75E+01	-9.30E+01	1.56E+02	-2.20E-02	-2.99E+00
7.75E+01	-9.30E+01	1.56E+02	-1.46E-02	-3.00E+00
7.75E+01	-9.30E+01	1.56E+02	-2.20E-02	-2.98E+00
7.76E+01	-9.30E+01	1.56E+02	-7.32E-03	-2.99E+00
7.76E+01	-9.30E+01	1.56E+02	-9.77E-03	-2.98E+00
7.76E+01	-9.30E+01	1.55E+02	-4.88E-03	-2.98E+00
7.76E+01	-9.30E+01	1.55E+02	-2.44E-02	-2.98E+00
7.76E+01	-9.30E+01	1.56E+02	-7.32E-03	-2.97E+00
7.77E+01	-9.30E+01	1.56E+02	-2.69E-02	-2.98E+00
7.77E+01	-9.30E+01	1.56E+02	-3.42E-02	-2.98E+00

7.77E+01	-9.30E+01	1.56E+02	-3.17E-02	-2.98E+00
7.77E+01	-9.30E+01	1.56E+02	-3.66E-02	-2.99E+00
7.77E+01	-9.30E+01	1.56E+02	-1.95E-02	-2.98E+00
7.78E+01	-9.30E+01	1.56E+02	-7.32E-03	-2.98E+00
7.78E+01	-9.30E+01	1.56E+02	-3.66E-02	-2.98E+00
7.78E+01	-9.30E+01	1.55E+02	-3.17E-02	-2.97E+00
7.78E+01	-9.30E+01	1.55E+02	-1.10E-02	-2.98E+00
7.78E+01	-9.30E+01	1.56E+02	-2.32E-02	-2.98E+00
7.79E+01	-9.30E+01	1.56E+02	-1.22E-02	-2.97E+00
7.79E+01	-9.30E+01	1.56E+02	-7.32E-03	-2.96E+00
7.79E+01	-9.30E+01	1.56E+02	1.71E-02	-2.96E+00
7.79E+01	-9.30E+01	1.55E+02	6.10E-03	-2.95E+00
7.79E+01	-9.30E+01	1.55E+02	-6.10E-03	-2.96E+00
7.80E+01	-9.30E+01	1.56E+02	8.54E-03	-2.95E+00
7.80E+01	-9.30E+01	1.56E+02	-1.22E-02	-2.94E+00
7.80E+01	-9.30E+01	1.56E+02	3.66E-03	-2.95E+00
7.80E+01	-9.30E+01	1.56E+02	-1.46E-02	-2.95E+00
7.80E+01	-9.30E+01	1.56E+02	-2.69E-02	-2.94E+00
7.81E+01	-9.30E+01	1.56E+02	-4.64E-02	-2.93E+00
7.81E+01	-9.30E+01	1.55E+02	-2.44E-02	-2.94E+00
7.81E+01	-9.30E+01	1.56E+02	-1.34E-02	-2.94E+00
7.81E+01	-9.30E+01	1.56E+02	-3.78E-02	-2.94E+00
7.81E+01	-9.30E+01	1.55E+02	-8.54E-03	-2.93E+00
7.82E+01	-9.30E+01	1.55E+02	-2.08E-02	-2.94E+00
7.82E+01	-9.30E+01	1.55E+02	-1.59E-02	-2.94E+00
7.82E+01	-9.30E+01	1.56E+02	-1.10E-02	-2.93E+00
7.82E+01	-9.30E+01	1.55E+02	3.17E-02	-2.93E+00
7.82E+01	-9.30E+01	1.56E+02	-6.10E-03	-2.93E+00
7.83E+01	-9.30E+01	1.56E+02	-4.88E-03	-2.92E+00
7.83E+01	-9.30E+01	1.56E+02	-1.59E-02	-2.92E+00
7.83E+01	-9.30E+01	1.55E+02	-3.17E-02	-2.93E+00
7.83E+01	-9.30E+01	1.55E+02	-4.15E-02	-2.93E+00
7.83E+01	-9.30E+01	1.55E+02	-2.93E-02	-2.93E+00
7.84E+01	-9.30E+01	1.56E+02	-2.44E-03	-2.94E+00
7.84E+01	-9.30E+01	1.55E+02	-2.20E-02	-2.93E+00
7.84E+01	-9.30E+01	1.55E+02	-2.20E-02	-2.92E+00
7.84E+01	-9.30E+01	1.55E+02	2.20E-02	-2.92E+00
7.84E+01	-9.30E+01	1.56E+02	-4.88E-03	-2.92E+00
7.85E+01	-9.30E+01	1.56E+02	2.44E-03	-2.91E+00
7.85E+01	-9.30E+01	1.55E+02	-2.44E-02	-2.90E+00
7.85E+01	-9.30E+01	1.55E+02	-1.34E-02	-2.90E+00
7.85E+01	-9.30E+01	1.56E+02	-1.22E-02	-2.91E+00
7.85E+01	-9.30E+01	1.56E+02	-3.66E-02	-2.90E+00
7.86E+01	-9.30E+01	1.55E+02	-2.93E-02	-2.90E+00
7.86E+01	-9.30E+01	1.55E+02	-2.08E-02	-2.90E+00
7.86E+01	-9.30E+01	1.55E+02	-2.69E-02	-2.91E+00
7.86E+01	-9.30E+01	1.56E+02	-3.42E-02	-2.91E+00

7.86E+01	-9.30E+01	1.55E+02	-2.44E-02	-2.90E+00
7.87E+01	-9.30E+01	1.55E+02	-1.46E-02	-2.91E+00
7.87E+01	-9.30E+01	1.55E+02	-2.44E-03	-2.90E+00
7.87E+01	-9.30E+01	1.55E+02	-4.88E-03	-2.90E+00
7.87E+01	-9.30E+01	1.55E+02	0.00E+00	-2.88E+00
7.87E+01	-9.30E+01	1.55E+02	-2.44E-03	-2.89E+00
7.88E+01	-9.30E+01	1.55E+02	-1.34E-02	-2.88E+00
7.88E+01	-9.30E+01	1.55E+02	-3.30E-02	-2.87E+00
7.88E+01	-9.30E+01	1.55E+02	-1.71E-02	-2.88E+00
7.88E+01	-9.30E+01	1.55E+02	-1.95E-02	-2.89E+00
7.88E+01	-9.30E+01	1.55E+02	-4.64E-02	-2.89E+00
7.89E+01	-9.30E+01	1.55E+02	-3.17E-02	-2.88E+00
7.89E+01	-9.30E+01	1.55E+02	-3.66E-02	-2.87E+00
7.89E+01	-9.30E+01	1.55E+02	-2.93E-02	-2.88E+00
7.89E+01	-9.30E+01	1.55E+02	-1.71E-02	-2.87E+00
7.89E+01	-9.30E+01	1.55E+02	-2.69E-02	-2.87E+00
7.90E+01	-9.30E+01	1.55E+02	-1.95E-02	-2.87E+00
7.90E+01	-9.30E+01	1.55E+02	-2.93E-02	-2.87E+00
7.90E+01	-9.30E+01	1.55E+02	-1.10E-02	-2.87E+00
7.90E+01	-9.30E+01	1.55E+02	-3.66E-02	-2.88E+00
7.90E+01	-9.30E+01	1.55E+02	-3.42E-02	-2.87E+00
7.91E+01	-9.30E+01	1.55E+02	-2.69E-02	-2.87E+00
7.91E+01	-9.30E+01	1.55E+02	-1.46E-02	-2.87E+00
7.91E+01	-9.30E+01	1.55E+02	-1.71E-02	-2.87E+00
7.91E+01	-9.30E+01	1.55E+02	-1.83E-02	-2.87E+00
7.91E+01	-9.30E+01	1.55E+02	-2.44E-02	-2.87E+00
7.92E+01	-9.30E+01	1.55E+02	9.77E-03	-2.86E+00
7.92E+01	-9.30E+01	1.55E+02	-1.22E-03	-2.85E+00
7.92E+01	-9.30E+01	1.55E+02	4.88E-03	-2.86E+00
7.92E+01	-9.30E+01	1.55E+02	-2.44E-02	-2.84E+00
7.92E+01	-9.30E+01	1.55E+02	-1.95E-02	-2.84E+00
7.93E+01	-9.30E+01	1.55E+02	-1.46E-02	-2.85E+00
7.93E+01	-9.30E+01	1.55E+02	-3.42E-02	-2.85E+00
7.93E+01	-9.30E+01	1.55E+02	-2.93E-02	-2.85E+00
7.93E+01	-9.30E+01	1.55E+02	-4.15E-02	-2.85E+00
7.93E+01	-9.30E+01	1.54E+02	-1.71E-02	-2.85E+00
7.94E+01	-9.30E+01	1.55E+02	-7.32E-03	-2.84E+00
7.94E+01	-9.30E+01	1.55E+02	8.54E-03	-2.84E+00
7.94E+01	-9.30E+01	1.54E+02	-4.88E-03	-2.84E+00
7.94E+01	-9.30E+01	1.55E+02	0.00E+00	-2.83E+00
7.94E+01	-9.30E+01	1.55E+02	9.77E-03	-2.83E+00
7.95E+01	-9.30E+01	1.55E+02	1.34E-02	-2.83E+00
7.95E+01	-9.30E+01	1.55E+02	-1.10E-02	-2.83E+00
7.95E+01	-9.30E+01	1.54E+02	-2.20E-02	-2.82E+00
7.95E+01	-9.30E+01	1.55E+02	-2.69E-02	-2.82E+00
7.95E+01	-9.30E+01	1.55E+02	-2.44E-02	-2.82E+00
7.96E+01	-9.30E+01	1.54E+02	-3.66E-02	-2.82E+00

7.96E+01	-9.30E+01	1.54E+02	-2.69E-02	-2.82E+00
7.96E+01	-9.30E+01	1.55E+02	-3.42E-02	-2.82E+00
7.96E+01	-9.30E+01	1.54E+02	-2.93E-02	-2.83E+00
7.96E+01	-9.30E+01	1.54E+02	-4.76E-02	-2.83E+00
7.97E+01	-9.30E+01	1.54E+02	-3.66E-02	-2.83E+00
7.97E+01	-9.30E+01	1.54E+02	-3.66E-02	-2.82E+00
7.97E+01	-9.30E+01	1.54E+02	-2.44E-02	-2.81E+00
7.97E+01	-9.30E+01	1.54E+02	-9.77E-03	-2.82E+00
7.97E+01	-9.30E+01	1.54E+02	-1.71E-02	-2.81E+00
7.98E+01	-9.30E+01	1.54E+02	-2.44E-03	-2.80E+00
7.98E+01	-9.30E+01	1.54E+02	2.93E-02	-2.80E+00
7.98E+01	-9.30E+01	1.54E+02	-4.88E-03	-2.80E+00
7.98E+01	-9.30E+01	1.54E+02	-1.22E-02	-2.79E+00
7.98E+01	-9.30E+01	1.54E+02	-1.95E-02	-2.79E+00
7.99E+01	-9.30E+01	1.54E+02	-8.54E-03	-2.80E+00
7.99E+01	-9.30E+01	1.54E+02	-3.17E-02	-2.79E+00
7.99E+01	-9.30E+01	1.54E+02	-1.83E-02	-2.79E+00
7.99E+01	-9.30E+01	1.54E+02	-2.20E-02	-2.79E+00
7.99E+01	-9.30E+01	1.54E+02	-7.32E-03	-2.78E+00
8.00E+01	-9.30E+01	1.54E+02	-1.22E-02	-2.78E+00
8.00E+01	-9.30E+01	1.54E+02	-1.46E-02	-2.78E+00
8.00E+01	-9.30E+01	1.54E+02	-3.91E-02	-2.79E+00
8.00E+01	-9.30E+01	1.55E+02	-2.69E-02	-2.78E+00
8.00E+01	-9.30E+01	1.54E+02	-1.71E-02	-2.78E+00
8.01E+01	-9.30E+01	1.54E+02	-2.44E-02	-2.79E+00
8.01E+01	-9.30E+01	1.54E+02	-3.42E-02	-2.78E+00
8.01E+01	-9.30E+01	1.55E+02	-2.93E-02	-2.77E+00
8.01E+01	-9.30E+01	1.55E+02	-2.56E-02	-2.77E+00
8.01E+01	-9.30E+01	1.54E+02	-3.66E-02	-2.76E+00
8.02E+01	-9.30E+01	1.53E+02	-3.66E-02	-2.77E+00
8.02E+01	-9.30E+01	1.54E+02	-3.91E-02	-2.78E+00
8.02E+01	-9.30E+01	1.54E+02	-2.44E-02	-2.77E+00
8.02E+01	-9.30E+01	1.54E+02	-1.46E-02	-2.78E+00
8.02E+01	-9.30E+01	1.53E+02	-9.77E-03	-2.77E+00
8.03E+01	-9.30E+01	1.54E+02	-3.42E-02	-2.77E+00
8.03E+01	-9.30E+01	1.54E+02	0.00E+00	-2.76E+00
8.03E+01	-9.30E+01	1.54E+02	0.00E+00	-2.75E+00
8.03E+01	-9.30E+01	1.54E+02	4.88E-03	-2.75E+00
8.03E+01	-9.30E+01	1.54E+02	-8.54E-03	-2.75E+00
8.04E+01	-9.30E+01	1.54E+02	-2.44E-02	-2.74E+00
8.04E+01	-9.30E+01	1.54E+02	-3.05E-02	-2.75E+00
8.04E+01	-9.30E+01	1.54E+02	-2.93E-02	-2.74E+00
8.04E+01	-9.30E+01	1.54E+02	-2.69E-02	-2.74E+00
8.04E+01	-9.30E+01	1.54E+02	-2.08E-02	-2.74E+00
8.05E+01	-9.30E+01	1.54E+02	-2.20E-02	-2.74E+00
8.05E+01	-9.30E+01	1.54E+02	-8.54E-03	-2.74E+00
8.05E+01	-9.30E+01	1.54E+02	-1.46E-02	-2.74E+00

8.05E+01	-9.30E+01	1.54E+02	1.22E-03	-2.73E+00
8.05E+01	-9.30E+01	1.54E+02	-1.34E-02	-2.73E+00
8.06E+01	-9.30E+01	1.54E+02	-9.77E-03	-2.73E+00
8.06E+01	-9.30E+01	1.53E+02	-2.93E-02	-2.73E+00
8.06E+01	-9.30E+01	1.53E+02	-3.42E-02	-2.75E+00
8.06E+01	-9.30E+01	1.53E+02	-3.66E-03	-2.74E+00
8.06E+01	-9.30E+01	1.53E+02	-8.54E-03	-2.74E+00
8.07E+01	-9.30E+01	1.53E+02	-1.22E-03	-2.72E+00
8.07E+01	-9.30E+01	1.54E+02	7.32E-03	-2.72E+00
8.07E+01	-9.30E+01	1.54E+02	2.44E-03	-2.72E+00
8.07E+01	-9.30E+01	1.53E+02	-2.20E-02	-2.73E+00
8.07E+01	-9.30E+01	1.54E+02	-1.95E-02	-2.71E+00
8.08E+01	-9.30E+01	1.53E+02	-2.08E-02	-2.71E+00
8.08E+01	-9.30E+01	1.53E+02	-2.08E-02	-2.72E+00
8.08E+01	-9.30E+01	1.53E+02	-2.93E-02	-2.72E+00
8.08E+01	-9.30E+01	1.53E+02	-1.71E-02	-2.72E+00
8.08E+01	-9.30E+01	1.53E+02	-1.22E-02	-2.72E+00
8.09E+01	-9.30E+01	1.53E+02	-2.20E-02	-2.72E+00
8.09E+01	-9.30E+01	1.53E+02	-1.34E-02	-2.72E+00
8.09E+01	-9.30E+01	1.53E+02	-2.44E-02	-2.71E+00
8.09E+01	-9.30E+01	1.53E+02	-7.32E-03	-2.70E+00
8.09E+01	-9.30E+01	1.53E+02	-9.77E-03	-2.71E+00
8.10E+01	-9.30E+01	1.54E+02	-7.32E-03	-2.71E+00
8.10E+01	-9.30E+01	1.53E+02	1.59E-02	-2.70E+00
8.10E+01	-9.30E+01	1.53E+02	-4.88E-03	-2.70E+00
8.10E+01	-9.30E+01	1.53E+02	-2.20E-02	-2.69E+00
8.10E+01	-9.30E+01	1.53E+02	-1.46E-02	-2.69E+00
8.11E+01	-9.30E+01	1.53E+02	-1.22E-02	-2.68E+00
8.11E+01	-9.30E+01	1.53E+02	-3.54E-02	-2.70E+00
8.11E+01	-9.30E+01	1.53E+02	-3.66E-02	-2.69E+00
8.11E+01	-9.30E+01	1.52E+02	-3.42E-02	-2.70E+00
8.11E+01	-9.30E+01	1.53E+02	-2.69E-02	-2.69E+00
8.12E+01	-9.30E+01	1.53E+02	-3.17E-02	-2.70E+00
8.12E+01	-9.30E+01	1.53E+02	-1.71E-02	-2.69E+00
8.12E+01	-9.30E+01	1.53E+02	-4.88E-03	-2.69E+00
8.12E+01	-9.30E+01	1.53E+02	9.77E-03	-2.68E+00
8.12E+01	-9.30E+01	1.53E+02	-2.08E-02	-2.68E+00
8.13E+01	-9.30E+01	1.53E+02	-1.22E-02	-2.67E+00
8.13E+01	-9.30E+01	1.53E+02	-9.77E-03	-2.66E+00
8.13E+01	-9.30E+01	1.53E+02	-1.22E-02	-2.67E+00
8.13E+01	-9.30E+01	1.53E+02	-3.54E-02	-2.67E+00
8.13E+01	-9.30E+01	1.53E+02	-3.54E-02	-2.67E+00
8.14E+01	-9.30E+01	1.53E+02	-1.22E-02	-2.66E+00
8.14E+01	-9.30E+01	1.53E+02	-2.93E-02	-2.67E+00
8.14E+01	-9.30E+01	1.53E+02	-5.13E-02	-2.67E+00
8.14E+01	-9.30E+01	1.53E+02	-3.30E-02	-2.67E+00
8.14E+01	-9.30E+01	1.53E+02	-3.05E-02	-2.67E+00

8.15E+01	-9.30E+01	1.52E+02	7.32E-03	-2.68E+00
8.15E+01	-9.30E+01	1.52E+02	-1.46E-02	-2.66E+00
8.15E+01	-9.30E+01	1.53E+02	-9.77E-03	-2.66E+00
8.15E+01	-9.30E+01	1.53E+02	-2.44E-03	-2.65E+00
8.15E+01	-9.30E+01	1.53E+02	-2.44E-02	-2.67E+00
8.16E+01	-9.30E+01	1.53E+02	-1.34E-02	-2.65E+00
8.16E+01	-9.30E+01	1.52E+02	-3.17E-02	-2.65E+00
8.16E+01	-9.30E+01	1.53E+02	-3.42E-02	-2.67E+00
8.16E+01	-9.30E+01	1.53E+02	-1.95E-02	-2.66E+00
8.16E+01	-9.30E+01	1.52E+02	-7.32E-03	-2.65E+00
8.17E+01	-9.30E+01	1.52E+02	2.44E-02	-2.65E+00
8.17E+01	-9.30E+01	1.52E+02	-2.44E-03	-2.64E+00
8.17E+01	-9.30E+01	1.53E+02	-7.32E-03	-2.63E+00
8.17E+01	-9.30E+01	1.53E+02	1.95E-02	-2.63E+00
8.17E+01	-9.30E+01	1.53E+02	-1.22E-02	-2.63E+00
8.18E+01	-9.30E+01	1.52E+02	-2.44E-02	-2.63E+00
8.18E+01	-9.30E+01	1.53E+02	-1.95E-02	-2.63E+00
8.18E+01	-9.30E+01	1.53E+02	-2.44E-02	-2.64E+00
8.18E+01	-9.30E+01	1.52E+02	-2.93E-02	-2.64E+00
8.18E+01	-9.30E+01	1.52E+02	-1.95E-02	-2.63E+00
8.19E+01	-9.30E+01	1.52E+02	-3.17E-02	-2.62E+00
8.19E+01	-9.30E+01	1.53E+02	-3.42E-02	-2.62E+00
8.19E+01	-9.30E+01	1.52E+02	-2.69E-02	-2.63E+00
8.19E+01	-9.30E+01	1.52E+02	0.00E+00	-2.63E+00
8.19E+01	-9.30E+01	1.52E+02	-3.42E-02	-2.63E+00
8.20E+01	-9.30E+01	1.52E+02	-1.22E-02	-2.63E+00
8.20E+01	-9.30E+01	1.52E+02	-7.32E-03	-2.62E+00
8.20E+01	-9.30E+01	1.52E+02	-9.77E-03	-2.62E+00
8.20E+01	-9.30E+01	1.52E+02	-1.71E-02	-2.60E+00
8.20E+01	-9.30E+01	1.52E+02	0.00E+00	-2.61E+00
8.21E+01	-9.30E+01	1.52E+02	-2.93E-02	-2.62E+00
8.21E+01	-9.30E+01	1.52E+02	-3.66E-02	-2.60E+00
8.21E+01	-9.30E+01	1.53E+02	-1.95E-02	-2.61E+00
8.21E+01	-9.30E+01	1.52E+02	-3.78E-02	-2.61E+00
8.21E+01	-9.30E+01	1.52E+02	-3.30E-02	-2.61E+00
8.22E+01	-9.30E+01	1.52E+02	-2.69E-02	-2.61E+00
8.22E+01	-9.30E+01	1.52E+02	-3.91E-02	-2.61E+00
8.22E+01	-9.30E+01	1.52E+02	-2.44E-03	-2.61E+00
8.22E+01	-9.30E+01	1.52E+02	-1.46E-02	-2.61E+00
8.22E+01	-9.30E+01	1.52E+02	-1.71E-02	-2.61E+00
8.23E+01	-9.30E+01	1.52E+02	-6.10E-03	-2.60E+00
8.23E+01	-9.30E+01	1.52E+02	9.77E-03	-2.60E+00
8.23E+01	-9.30E+01	1.51E+02	-3.17E-02	-2.60E+00
8.23E+01	-9.30E+01	1.52E+02	-3.66E-03	-2.57E+00
8.23E+01	-9.30E+01	1.52E+02	-1.10E-02	-2.58E+00
8.24E+01	-9.30E+01	1.52E+02	-3.66E-03	-2.58E+00
8.24E+01	-9.30E+01	1.52E+02	-1.83E-02	-2.58E+00

8.24E+01	-9.30E+01	1.52E+02	-9.77E-03	-2.58E+00
8.24E+01	-9.30E+01	1.52E+02	-1.46E-02	-2.57E+00
8.24E+01	-9.30E+01	1.52E+02	6.10E-03	-2.58E+00
8.25E+01	-9.30E+01	1.52E+02	-1.95E-02	-2.57E+00
8.25E+01	-9.30E+01	1.52E+02	-3.66E-02	-2.58E+00
8.25E+01	-9.30E+01	1.52E+02	-6.10E-03	-2.57E+00
8.25E+01	-9.30E+01	1.52E+02	-2.69E-02	-2.58E+00
8.25E+01	-9.30E+01	1.52E+02	-2.32E-02	-2.58E+00
8.26E+01	-9.30E+01	1.51E+02	1.22E-02	-2.57E+00
8.26E+01	-9.30E+01	1.52E+02	2.44E-03	-2.58E+00
8.26E+01	-9.30E+01	1.52E+02	6.10E-03	-2.57E+00
8.26E+01	-9.30E+01	1.52E+02	3.66E-03	-2.56E+00
8.26E+01	-9.30E+01	1.52E+02	-1.46E-02	-2.55E+00
8.27E+01	-9.30E+01	1.52E+02	-1.46E-02	-2.56E+00
8.27E+01	-9.30E+01	1.52E+02	-2.93E-02	-2.56E+00
8.27E+01	-9.30E+01	1.52E+02	-2.44E-02	-2.56E+00
8.27E+01	-9.30E+01	1.52E+02	-9.77E-03	-2.55E+00
8.27E+01	-9.30E+01	1.52E+02	-9.77E-03	-2.55E+00
8.28E+01	-9.30E+01	1.52E+02	-1.71E-02	-2.56E+00
8.28E+01	-9.30E+01	1.52E+02	-1.95E-02	-2.55E+00
8.28E+01	-9.30E+01	1.52E+02	-1.46E-02	-2.54E+00
8.28E+01	-9.30E+01	1.52E+02	-2.44E-02	-2.55E+00
8.28E+01	-9.30E+01	1.51E+02	-2.93E-02	-2.56E+00
8.29E+01	-9.30E+01	1.51E+02	-3.78E-02	-2.55E+00
8.29E+01	-9.30E+01	1.51E+02	-1.22E-02	-2.55E+00
8.29E+01	-9.30E+01	1.52E+02	-1.22E-02	-2.54E+00
8.29E+01	-9.30E+01	1.52E+02	1.22E-03	-2.55E+00
8.29E+01	-9.30E+01	1.51E+02	-2.20E-02	-2.55E+00
8.30E+01	-9.30E+01	1.51E+02	-1.22E-02	-2.54E+00
8.30E+01	-9.30E+01	1.51E+02	-6.10E-03	-2.54E+00
8.30E+01	-9.30E+01	1.51E+02	-1.83E-02	-2.54E+00
8.30E+01	-9.30E+01	1.51E+02	-1.95E-02	-2.54E+00
8.30E+01	-9.30E+01	1.51E+02	-1.59E-02	-2.54E+00
8.31E+01	-9.30E+01	1.51E+02	-1.83E-02	-2.54E+00
8.31E+01	-9.30E+01	1.51E+02	7.32E-03	-2.53E+00
8.31E+01	-9.30E+01	1.51E+02	-1.22E-03	-2.53E+00
8.31E+01	-9.30E+01	1.51E+02	-2.93E-02	-2.52E+00
8.31E+01	-9.30E+01	1.51E+02	-7.32E-03	-2.52E+00
8.32E+01	-9.30E+01	1.51E+02	-1.46E-02	-2.51E+00
8.32E+01	-9.30E+01	1.51E+02	-2.44E-02	-2.52E+00
8.32E+01	-9.30E+01	1.51E+02	-3.42E-02	-2.50E+00
8.32E+01	-9.30E+01	1.51E+02	-2.69E-02	-2.51E+00
8.32E+01	-9.30E+01	1.51E+02	-1.95E-02	-2.52E+00
8.33E+01	-9.30E+01	1.51E+02	-3.05E-02	-2.52E+00
8.33E+01	-9.30E+01	1.51E+02	-4.15E-02	-2.51E+00
8.33E+01	-9.30E+01	1.51E+02	-1.22E-02	-2.52E+00
8.33E+01	-9.30E+01	1.51E+02	-4.15E-02	-2.51E+00

8.33E+01	-9.30E+01	1.51E+02	-1.22E-03	-2.50E+00
8.34E+01	-9.30E+01	1.51E+02	-1.22E-02	-2.49E+00
8.34E+01	-9.30E+01	1.51E+02	-2.56E-02	-2.51E+00
8.34E+01	-9.30E+01	1.51E+02	-2.44E-03	-2.49E+00
8.34E+01	-9.30E+01	1.51E+02	-4.88E-03	-2.49E+00
8.34E+01	-9.30E+01	1.51E+02	-1.22E-02	-2.49E+00
8.35E+01	-9.30E+01	1.51E+02	-1.71E-02	-2.49E+00
8.35E+01	-9.30E+01	1.51E+02	-2.93E-02	-2.49E+00
8.35E+01	-9.30E+01	1.51E+02	-2.69E-02	-2.49E+00
8.35E+01	-9.30E+01	1.51E+02	-3.17E-02	-2.48E+00
8.35E+01	-9.30E+01	1.51E+02	-1.71E-02	-2.48E+00
8.36E+01	-9.30E+01	1.51E+02	-1.71E-02	-2.48E+00
8.36E+01	-9.30E+01	1.51E+02	-2.56E-02	-2.49E+00
8.36E+01	-9.30E+01	1.51E+02	-4.39E-02	-2.48E+00
8.36E+01	-9.30E+01	1.51E+02	-3.66E-02	-2.48E+00
8.36E+01	-9.30E+01	1.50E+02	-3.42E-02	-2.48E+00
8.37E+01	-9.30E+01	1.50E+02	-2.08E-02	-2.49E+00
8.37E+01	-9.30E+01	1.50E+02	-3.66E-02	-2.48E+00
8.37E+01	-9.30E+01	1.50E+02	-3.05E-02	-2.48E+00
8.37E+01	-9.30E+01	1.51E+02	-2.20E-02	-2.48E+00
8.37E+01	-9.30E+01	1.51E+02	-3.42E-02	-2.48E+00
8.38E+01	-9.30E+01	1.51E+02	-2.93E-02	-2.48E+00
8.38E+01	-9.30E+01	1.50E+02	-3.17E-02	-2.47E+00
8.38E+01	-9.30E+01	1.50E+02	-3.91E-02	-2.47E+00
8.38E+01	-9.30E+01	1.50E+02	-1.95E-02	-2.48E+00
8.38E+01	-9.30E+01	1.50E+02	-2.44E-02	-2.47E+00
8.39E+01	-9.30E+01	1.50E+02	-1.71E-02	-2.47E+00
8.39E+01	-9.30E+01	1.50E+02	-1.46E-02	-2.47E+00
8.39E+01	-9.30E+01	1.50E+02	6.10E-03	-2.46E+00
8.39E+01	-9.30E+01	1.50E+02	-8.54E-03	-2.46E+00
8.39E+01	-9.30E+01	1.50E+02	-3.54E-02	-2.44E+00
8.40E+01	-9.30E+01	1.50E+02	-6.10E-03	-2.44E+00
8.40E+01	-9.30E+01	1.50E+02	-4.88E-03	-2.45E+00
8.40E+01	-9.30E+01	1.50E+02	9.77E-03	-2.44E+00
8.40E+01	-9.30E+01	1.50E+02	-1.83E-02	-2.44E+00
8.40E+01	-9.30E+01	1.51E+02	-1.71E-02	-2.44E+00
8.41E+01	-9.30E+01	1.50E+02	-1.95E-02	-2.44E+00
8.41E+01	-9.30E+01	1.50E+02	-3.17E-02	-2.44E+00
8.41E+01	-9.30E+01	1.50E+02	-5.13E-02	-2.45E+00
8.41E+01	-9.30E+01	1.50E+02	-2.93E-02	-2.44E+00
8.41E+01	-9.30E+01	1.50E+02	-2.20E-02	-2.44E+00
8.42E+01	-9.30E+01	1.50E+02	-2.56E-02	-2.45E+00
8.42E+01	-9.30E+01	1.50E+02	-3.42E-02	-2.45E+00
8.42E+01	-9.30E+01	1.50E+02	-3.78E-02	-2.44E+00
8.42E+01	-9.30E+01	1.50E+02	-3.17E-02	-2.43E+00
8.42E+01	-9.30E+01	1.50E+02	-2.32E-02	-2.43E+00
8.43E+01	-9.30E+01	1.50E+02	-3.42E-02	-2.44E+00

8.43E+01	-9.30E+01	1.50E+02	-2.20E-02	-2.43E+00
8.43E+01	-9.30E+01	1.50E+02	-2.93E-02	-2.43E+00
8.43E+01	-9.30E+01	1.50E+02	2.44E-03	-2.43E+00
8.43E+01	-9.30E+01	1.51E+02	-7.32E-03	-2.43E+00
8.44E+01	-9.30E+01	1.50E+02	7.32E-03	-2.41E+00
8.44E+01	-9.30E+01	1.50E+02	-7.32E-03	-2.41E+00
8.44E+01	-9.30E+01	1.50E+02	-2.44E-03	-2.41E+00
8.44E+01	-9.30E+01	1.50E+02	-8.54E-03	-2.41E+00
8.44E+01	-9.30E+01	1.50E+02	-1.10E-02	-2.41E+00
8.45E+01	-9.30E+01	1.50E+02	-7.32E-03	-2.40E+00
8.45E+01	-9.30E+01	1.50E+02	-2.44E-03	-2.40E+00
8.45E+01	-9.30E+01	1.51E+02	-2.08E-02	-2.40E+00
8.45E+01	-9.30E+01	1.50E+02	-9.77E-03	-2.40E+00
8.45E+01	-9.30E+01	1.50E+02	-3.17E-02	-2.41E+00
8.46E+01	-9.30E+01	1.50E+02	-1.46E-02	-2.41E+00
8.46E+01	-9.30E+01	1.51E+02	-2.93E-02	-2.41E+00
8.46E+01	-9.30E+01	1.51E+02	-3.17E-02	-2.40E+00
8.46E+01	-9.30E+01	1.50E+02	-3.91E-02	-2.40E+00
8.46E+01	-9.30E+01	1.49E+02	-3.42E-02	-2.40E+00
8.47E+01	-9.30E+01	1.50E+02	7.32E-03	-2.41E+00
8.47E+01	-9.30E+01	1.51E+02	-2.44E-02	-2.40E+00
8.47E+01	-9.30E+01	1.50E+02	-2.20E-02	-2.39E+00
8.47E+01	-9.30E+01	1.50E+02	6.10E-03	-2.39E+00
8.47E+01	-9.30E+01	1.50E+02	-2.44E-03	-2.40E+00
8.48E+01	-9.30E+01	1.50E+02	-1.46E-02	-2.39E+00
8.48E+01	-9.30E+01	1.50E+02	-2.44E-03	-2.37E+00
8.48E+01	-9.30E+01	1.50E+02	0.00E+00	-2.37E+00
8.48E+01	-9.30E+01	1.50E+02	7.32E-03	-2.38E+00
8.48E+01	-9.30E+01	1.50E+02	-3.17E-02	-2.38E+00
8.49E+01	-9.30E+01	1.50E+02	-4.88E-03	-2.36E+00
8.49E+01	-9.30E+01	1.51E+02	-1.22E-03	-2.37E+00
8.49E+01	-9.30E+01	1.50E+02	-7.32E-03	-2.37E+00
8.49E+01	-9.30E+01	1.50E+02	-3.66E-03	-2.38E+00
8.49E+01	-9.30E+01	1.50E+02	-3.91E-02	-2.37E+00
8.50E+01	-9.30E+01	1.50E+02	-2.69E-02	-2.37E+00
8.50E+01	-9.30E+01	1.50E+02	-2.44E-02	-2.37E+00
8.50E+01	-9.30E+01	1.50E+02	-2.81E-02	-2.37E+00
8.50E+01	-9.30E+01	1.50E+02	-4.15E-02	-2.37E+00
8.50E+01	-9.30E+01	1.50E+02	-2.81E-02	-2.37E+00
8.51E+01	-9.30E+01	1.50E+02	-2.44E-02	-2.38E+00
8.51E+01	-9.30E+01	1.50E+02	-1.71E-02	-2.37E+00
8.51E+01	-9.30E+01	1.50E+02	-2.69E-02	-2.37E+00
8.51E+01	-9.30E+01	1.50E+02	-2.20E-02	-2.37E+00
8.51E+01	-9.30E+01	1.50E+02	-7.32E-03	-2.36E+00
8.52E+01	-9.30E+01	1.50E+02	-1.71E-02	-2.35E+00
8.52E+01	-9.30E+01	1.50E+02	-1.71E-02	-2.36E+00
8.52E+01	-9.30E+01	1.50E+02	-1.59E-02	-2.36E+00

8.52E+01	-9.30E+01	1.50E+02	-2.08E-02	-2.36E+00
8.52E+01	-9.30E+01	1.50E+02	-2.93E-02	-2.35E+00
8.53E+01	-9.30E+01	1.50E+02	-1.10E-02	-2.35E+00
8.53E+01	-9.30E+01	1.50E+02	-4.39E-02	-2.34E+00
8.53E+01	-9.30E+01	1.50E+02	2.44E-03	-2.33E+00
8.53E+01	-9.30E+01	1.50E+02	4.88E-03	-2.33E+00
8.53E+01	-9.30E+01	1.50E+02	1.71E-02	-2.34E+00
8.54E+01	-9.30E+01	1.50E+02	-7.32E-03	-2.34E+00
8.54E+01	-9.30E+01	1.50E+02	-9.77E-03	-2.34E+00
8.54E+01	-9.30E+01	1.50E+02	1.22E-02	-2.33E+00
8.54E+01	-9.30E+01	1.50E+02	0.00E+00	-2.34E+00
8.54E+01	-9.30E+01	1.50E+02	1.46E-02	-2.33E+00
8.55E+01	-9.30E+01	1.50E+02	4.88E-03	-2.33E+00
8.55E+01	-9.30E+01	1.50E+02	-2.20E-02	-2.32E+00
8.55E+01	-9.30E+01	1.50E+02	-2.44E-02	-2.32E+00
8.55E+01	-9.30E+01	1.50E+02	-2.44E-02	-2.31E+00
8.55E+01	-9.30E+01	1.50E+02	-3.42E-02	-2.32E+00
8.56E+01	-9.30E+01	1.50E+02	-3.17E-02	-2.32E+00
8.56E+01	-9.30E+01	1.50E+02	-3.17E-02	-2.32E+00
8.56E+01	-9.30E+01	1.50E+02	-2.93E-02	-2.33E+00
8.56E+01	-9.30E+01	1.50E+02	-2.81E-02	-2.32E+00
8.56E+01	-9.30E+01	1.50E+02	1.22E-02	-2.32E+00
8.57E+01	-9.30E+01	1.50E+02	-1.71E-02	-2.32E+00
8.57E+01	-9.30E+01	1.50E+02	-2.69E-02	-2.31E+00
8.57E+01	-9.30E+01	1.49E+02	-2.20E-02	-2.33E+00
8.57E+01	-9.30E+01	1.50E+02	-9.77E-03	-2.31E+00
8.57E+01	-9.30E+01	1.50E+02	2.93E-02	-2.30E+00
8.58E+01	-9.30E+01	1.50E+02	0.00E+00	-2.30E+00
8.58E+01	-9.30E+01	1.50E+02	-7.32E-03	-2.29E+00
8.58E+01	-9.30E+01	1.50E+02	-2.20E-02	-2.29E+00
8.58E+01	-9.30E+01	1.50E+02	-1.71E-02	-2.30E+00
8.58E+01	-9.30E+01	1.50E+02	-3.91E-02	-2.29E+00
8.59E+01	-9.30E+01	1.50E+02	-3.05E-02	-2.30E+00
8.59E+01	-9.30E+01	1.49E+02	-2.93E-02	-2.29E+00
8.59E+01	-9.30E+01	1.49E+02	-1.46E-02	-2.30E+00
8.59E+01	-9.30E+01	1.50E+02	-2.44E-02	-2.29E+00
8.59E+01	-9.30E+01	1.50E+02	-2.44E-03	-2.29E+00
8.60E+01	-9.30E+01	1.50E+02	0.00E+00	-2.28E+00
8.60E+01	-9.30E+01	1.50E+02	-1.95E-02	-2.28E+00
8.60E+01	-9.30E+01	1.50E+02	-9.77E-03	-2.27E+00
8.60E+01	-9.30E+01	1.50E+02	-9.77E-03	-2.28E+00
8.60E+01	-9.30E+01	1.50E+02	-1.46E-02	-2.28E+00
8.61E+01	-9.30E+01	1.50E+02	-1.46E-02	-2.29E+00
8.61E+01	-9.30E+01	1.50E+02	-3.30E-02	-2.28E+00
8.61E+01	-9.30E+01	1.50E+02	-3.42E-02	-2.28E+00
8.61E+01	-9.30E+01	1.49E+02	-2.69E-02	-2.28E+00
8.61E+01	-9.30E+01	1.50E+02	-2.93E-02	-2.28E+00

8.62E+01	-9.30E+01	1.50E+02	-2.93E-02	-2.27E+00
8.62E+01	-9.30E+01	1.50E+02	-4.88E-03	-2.27E+00
8.62E+01	-9.30E+01	1.49E+02	-2.20E-02	-2.28E+00
8.62E+01	-9.30E+01	1.49E+02	-1.71E-02	-2.27E+00
8.62E+01	-9.30E+01	1.49E+02	-9.77E-03	-2.27E+00
8.63E+01	-9.30E+01	1.50E+02	9.77E-03	-2.26E+00
8.63E+01	-9.30E+01	1.49E+02	1.22E-02	-2.26E+00
8.63E+01	-9.30E+01	1.49E+02	-1.83E-02	-2.26E+00
8.63E+01	-9.30E+01	1.50E+02	-1.46E-02	-2.25E+00
8.63E+01	-9.30E+01	1.50E+02	-2.44E-03	-2.26E+00
8.64E+01	-9.30E+01	1.50E+02	-1.34E-02	-2.25E+00
8.64E+01	-9.30E+01	1.49E+02	-2.93E-02	-2.24E+00
8.64E+01	-9.30E+01	1.49E+02	-3.42E-02	-2.24E+00
8.64E+01	-9.30E+01	1.50E+02	-2.81E-02	-2.25E+00
8.64E+01	-9.30E+01	1.50E+02	-3.17E-02	-2.25E+00
8.65E+01	-9.30E+01	1.49E+02	-3.42E-02	-2.25E+00
8.65E+01	-9.30E+01	1.49E+02	-2.32E-02	-2.25E+00
8.65E+01	-9.30E+01	1.50E+02	-1.59E-02	-2.25E+00
8.65E+01	-9.30E+01	1.49E+02	1.46E-02	-2.25E+00
8.65E+01	-9.30E+01	1.49E+02	-7.32E-03	-2.24E+00
8.66E+01	-9.30E+01	1.49E+02	0.00E+00	-2.24E+00
8.66E+01	-9.30E+01	1.49E+02	-7.32E-03	-2.23E+00
8.66E+01	-9.30E+01	1.50E+02	-2.44E-02	-2.22E+00
8.66E+01	-9.30E+01	1.50E+02	-4.64E-02	-2.22E+00
8.66E+01	-9.30E+01	1.49E+02	-2.44E-02	-2.23E+00
8.67E+01	-9.30E+01	1.49E+02	-3.17E-02	-2.22E+00
8.67E+01	-9.30E+01	1.50E+02	-2.81E-02	-2.22E+00
8.67E+01	-9.30E+01	1.49E+02	-2.93E-02	-2.22E+00
8.67E+01	-9.30E+01	1.49E+02	-1.95E-02	-2.22E+00
8.67E+01	-9.30E+01	1.49E+02	-2.93E-02	-2.22E+00
8.68E+01	-9.30E+01	1.49E+02	-3.42E-02	-2.22E+00
8.68E+01	-9.30E+01	1.49E+02	-3.91E-02	-2.22E+00
8.68E+01	-9.30E+01	1.49E+02	-2.44E-03	-2.22E+00
8.68E+01	-9.30E+01	1.49E+02	-9.77E-03	-2.21E+00
8.68E+01	-9.30E+01	1.50E+02	1.34E-02	-2.20E+00
8.69E+01	-9.30E+01	1.49E+02	-2.44E-03	-2.22E+00
8.69E+01	-9.30E+01	1.49E+02	1.10E-02	-2.20E+00
8.69E+01	-9.30E+01	1.49E+02	-1.22E-02	-2.20E+00
8.69E+01	-9.30E+01	1.49E+02	-1.71E-02	-2.19E+00
8.69E+01	-9.30E+01	1.49E+02	4.88E-03	-2.19E+00
8.70E+01	-9.30E+01	1.49E+02	8.54E-03	-2.20E+00
8.70E+01	-9.30E+01	1.49E+02	-1.71E-02	-2.19E+00
8.70E+01	-9.30E+01	1.49E+02	-1.95E-02	-2.19E+00
8.70E+01	-9.30E+01	1.49E+02	-1.10E-02	-2.18E+00
8.70E+01	-9.30E+01	1.49E+02	-1.71E-02	-2.19E+00
8.71E+01	-9.30E+01	1.49E+02	-4.88E-03	-2.19E+00
8.71E+01	-9.30E+01	1.49E+02	-1.95E-02	-2.19E+00

8.71E+01	-9.30E+01	1.49E+02	-3.42E-02	-2.18E+00
8.71E+01	-9.30E+01	1.49E+02	-1.59E-02	-2.18E+00
8.71E+01	-9.30E+01	1.49E+02	-2.44E-02	-2.19E+00
8.72E+01	-9.30E+01	1.49E+02	-3.66E-02	-2.19E+00
8.72E+01	-9.30E+01	1.49E+02	-1.34E-02	-2.18E+00
8.72E+01	-9.30E+01	1.49E+02	-3.66E-02	-2.18E+00
8.72E+01	-9.30E+01	1.49E+02	-3.17E-02	-2.18E+00
8.72E+01	-9.30E+01	1.49E+02	-1.83E-02	-2.18E+00
8.73E+01	-9.30E+01	1.49E+02	-3.30E-02	-2.20E+00
8.73E+01	-9.30E+01	1.49E+02	-4.76E-02	-2.18E+00
8.73E+01	-9.30E+01	1.49E+02	-2.20E-02	-2.18E+00
8.73E+01	-9.30E+01	1.49E+02	-1.95E-02	-2.18E+00
8.73E+01	-9.30E+01	1.49E+02	2.44E-03	-2.18E+00
8.74E+01	-9.30E+01	1.49E+02	-1.95E-02	-2.19E+00
8.74E+01	-9.30E+01	1.49E+02	-2.44E-02	-2.17E+00
8.74E+01	-9.30E+01	1.49E+02	-3.05E-02	-2.17E+00
8.74E+01	-9.30E+01	1.49E+02	-2.32E-02	-2.17E+00
8.74E+01	-9.30E+01	1.49E+02	-2.44E-02	-2.18E+00
8.75E+01	-9.30E+01	1.49E+02	-2.69E-02	-2.17E+00
8.75E+01	-9.30E+01	1.49E+02	-1.22E-03	-2.16E+00
8.75E+01	-9.30E+01	1.50E+02	-1.22E-02	-2.16E+00
8.75E+01	-9.30E+01	1.49E+02	-3.66E-03	-2.17E+00
8.75E+01	-9.30E+01	1.49E+02	4.88E-03	-2.15E+00
8.76E+01	-9.30E+01	1.49E+02	-1.46E-02	-2.16E+00
8.76E+01	-9.30E+01	1.49E+02	-7.32E-03	-2.16E+00
8.76E+01	-9.30E+01	1.49E+02	-2.44E-03	-2.16E+00
8.76E+01	-9.30E+01	1.49E+02	-1.10E-02	-2.16E+00
8.76E+01	-9.30E+01	1.49E+02	-4.88E-03	-2.15E+00
8.77E+01	-9.30E+01	1.49E+02	-9.77E-03	-2.14E+00
8.77E+01	-9.30E+01	1.49E+02	0.00E+00	-2.14E+00
8.77E+01	-9.30E+01	1.49E+02	1.22E-02	-2.14E+00
8.77E+01	-9.30E+01	1.49E+02	-4.88E-03	-2.14E+00
8.77E+01	-9.30E+01	1.49E+02	-2.20E-02	-2.13E+00
8.78E+01	-9.30E+01	1.49E+02	-1.22E-02	-2.13E+00
8.78E+01	-9.30E+01	1.49E+02	-2.20E-02	-2.12E+00
8.78E+01	-9.30E+01	1.49E+02	-3.54E-02	-2.13E+00
8.78E+01	-9.30E+01	1.49E+02	-2.81E-02	-2.14E+00
8.78E+01	-9.30E+01	1.49E+02	-1.71E-02	-2.14E+00
8.79E+01	-9.30E+01	1.49E+02	-3.91E-02	-2.14E+00
8.79E+01	-9.30E+01	1.49E+02	-2.69E-02	-2.12E+00
8.79E+01	-9.30E+01	1.49E+02	7.32E-03	-2.12E+00
8.79E+01	-9.30E+01	1.49E+02	2.44E-03	-2.13E+00
8.79E+01	-9.30E+01	1.49E+02	-8.54E-03	-2.11E+00
8.80E+01	-9.30E+01	1.49E+02	-1.22E-02	-2.11E+00
8.80E+01	-9.30E+01	1.49E+02	-1.22E-02	-2.10E+00
8.80E+01	-9.30E+01	1.49E+02	-2.44E-03	-2.10E+00
8.80E+01	-9.30E+01	1.49E+02	-3.05E-02	-2.12E+00

8.80E+01	-9.30E+01	1.49E+02	-4.64E-02	-2.11E+00
8.81E+01	-9.30E+01	1.49E+02	-2.20E-02	-2.12E+00
8.81E+01	-9.30E+01	1.49E+02	-2.93E-02	-2.12E+00
8.81E+01	-9.30E+01	1.50E+02	-2.20E-02	-2.11E+00
8.81E+01	-9.30E+01	1.49E+02	-2.69E-02	-2.11E+00
8.81E+01	-9.30E+01	1.48E+02	-2.44E-02	-2.11E+00
8.82E+01	-9.30E+01	1.48E+02	-4.88E-03	-2.11E+00
8.82E+01	-9.30E+01	1.49E+02	-1.22E-02	-2.10E+00
8.82E+01	-9.30E+01	1.49E+02	-2.44E-03	-2.11E+00
8.82E+01	-9.30E+01	1.49E+02	1.71E-02	-2.10E+00
8.82E+01	-9.30E+01	1.49E+02	-2.20E-02	-2.11E+00
8.83E+01	-9.30E+01	1.50E+02	-1.34E-02	-2.10E+00
8.83E+01	-9.30E+01	1.49E+02	-7.32E-03	-2.09E+00
8.83E+01	-9.30E+01	1.49E+02	1.22E-03	-2.10E+00
8.83E+01	-9.30E+01	1.49E+02	-9.77E-03	-2.09E+00
8.83E+01	-9.30E+01	1.49E+02	4.88E-03	-2.08E+00
8.84E+01	-9.30E+01	1.50E+02	-1.71E-02	-2.08E+00
8.84E+01	-9.30E+01	1.49E+02	-2.44E-03	-2.07E+00
8.84E+01	-9.30E+01	1.49E+02	9.77E-03	-2.08E+00
8.84E+01	-9.30E+01	1.49E+02	-4.88E-03	-2.08E+00
8.84E+01	-9.30E+01	1.49E+02	-1.95E-02	-2.08E+00
8.85E+01	-9.30E+01	1.49E+02	-3.05E-02	-2.06E+00
8.85E+01	-9.30E+01	1.49E+02	-7.32E-03	-2.07E+00
8.85E+01	-9.30E+01	1.49E+02	2.44E-02	-2.07E+00
8.85E+01	-9.30E+01	1.49E+02	0.00E+00	-2.07E+00
8.85E+01	-9.30E+01	1.50E+02	-1.83E-02	-2.06E+00
8.86E+01	-9.30E+01	1.50E+02	-2.69E-02	-2.06E+00
8.86E+01	-9.30E+01	1.49E+02	-2.81E-02	-2.07E+00
8.86E+01	-9.30E+01	1.49E+02	-3.66E-02	-2.06E+00
8.86E+01	-9.30E+01	1.49E+02	-3.78E-02	-2.07E+00
8.86E+01	-9.30E+01	1.49E+02	-1.95E-02	-2.07E+00
8.87E+01	-9.30E+01	1.49E+02	-1.46E-02	-2.07E+00
8.87E+01	-9.30E+01	1.49E+02	-2.93E-02	-2.07E+00
8.87E+01	-9.30E+01	1.49E+02	-2.44E-02	-2.06E+00
8.87E+01	-9.30E+01	1.49E+02	-3.54E-02	-2.06E+00
8.87E+01	-9.30E+01	1.49E+02	-2.56E-02	-2.05E+00
8.88E+01	-9.30E+01	1.49E+02	-3.42E-02	-2.06E+00
8.88E+01	-9.30E+01	1.49E+02	-2.93E-02	-2.06E+00
8.88E+01	-9.30E+01	1.49E+02	-3.91E-02	-2.05E+00
8.88E+01	-9.30E+01	1.49E+02	-2.56E-02	-2.05E+00
8.88E+01	-9.30E+01	1.49E+02	-1.95E-02	-2.06E+00
8.89E+01	-9.30E+01	1.49E+02	-2.44E-02	-2.06E+00
8.89E+01	-9.30E+01	1.49E+02	-1.95E-02	-2.05E+00
8.89E+01	-9.30E+01	1.50E+02	-4.15E-02	-2.04E+00
8.89E+01	-9.30E+01	1.49E+02	-1.34E-02	-2.05E+00
8.89E+01	-9.30E+01	1.49E+02	2.44E-03	-2.03E+00
8.90E+01	-9.30E+01	1.49E+02	-2.20E-02	-2.05E+00

8.90E+01	-9.30E+01	1.49E+02	1.22E-02	-2.04E+00
8.90E+01	-9.30E+01	1.50E+02	0.00E+00	-2.05E+00
8.90E+01	-9.30E+01	1.50E+02	-1.95E-02	-2.03E+00
8.90E+01	-9.30E+01	1.50E+02	-1.95E-02	-2.02E+00
8.91E+01	-9.30E+01	1.50E+02	-8.54E-03	-2.01E+00
8.91E+01	-9.30E+01	1.50E+02	-2.44E-02	-2.02E+00
8.91E+01	-9.30E+01	1.50E+02	-2.56E-02	-2.03E+00
8.91E+01	-9.30E+01	1.50E+02	-2.93E-02	-2.02E+00
8.91E+01	-9.30E+01	1.50E+02	-3.42E-02	-2.01E+00
8.92E+01	-9.30E+01	1.50E+02	-2.20E-02	-2.02E+00
8.92E+01	-9.30E+01	1.50E+02	-1.95E-02	-2.02E+00
8.92E+01	-9.30E+01	1.50E+02	-3.17E-02	-2.03E+00
8.92E+01	-9.30E+01	1.50E+02	-3.42E-02	-2.01E+00
8.92E+01	-9.30E+01	1.50E+02	-2.69E-02	-2.01E+00
8.93E+01	-9.30E+01	1.50E+02	-2.56E-02	-2.01E+00
8.93E+01	-9.30E+01	1.50E+02	-2.69E-02	-2.02E+00
8.93E+01	-9.30E+01	1.50E+02	-3.66E-02	-2.02E+00
8.93E+01	-9.30E+01	1.49E+02	-3.17E-02	-2.01E+00
8.93E+01	-9.30E+01	1.50E+02	-1.71E-02	-2.01E+00
8.94E+01	-9.30E+01	1.50E+02	4.88E-03	-2.01E+00
8.94E+01	-9.30E+01	1.50E+02	-1.59E-02	-2.01E+00
8.94E+01	-9.30E+01	1.50E+02	-9.77E-03	-2.00E+00
8.94E+01	-9.30E+01	1.50E+02	4.15E-02	-1.99E+00
8.94E+01	-9.30E+01	1.50E+02	1.22E-03	-1.99E+00
8.95E+01	-9.30E+01	1.50E+02	-3.17E-02	-2.00E+00
8.95E+01	-9.30E+01	1.50E+02	-2.44E-03	-1.99E+00
8.95E+01	-9.30E+01	1.50E+02	-7.32E-03	-1.99E+00
8.95E+01	-9.30E+01	1.50E+02	2.44E-02	-1.98E+00
8.95E+01	-9.30E+01	1.50E+02	-7.32E-03	-1.99E+00
8.96E+01	-9.30E+01	1.50E+02	-2.20E-02	-1.98E+00
8.96E+01	-9.30E+01	1.50E+02	-2.44E-03	-1.97E+00
8.96E+01	-9.30E+01	1.51E+02	-4.88E-03	-1.98E+00
8.96E+01	-9.30E+01	1.50E+02	4.88E-03	-1.97E+00
8.96E+01	-9.30E+01	1.50E+02	-1.95E-02	-1.97E+00
8.97E+01	-9.30E+01	1.50E+02	-1.34E-02	-1.97E+00
8.97E+01	-9.30E+01	1.51E+02	1.22E-03	-1.96E+00
8.97E+01	-9.30E+01	1.50E+02	-9.77E-03	-1.96E+00
8.97E+01	-9.30E+01	1.51E+02	4.88E-03	-1.97E+00
8.97E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.97E+00
8.98E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.96E+00
8.98E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.96E+00
8.98E+01	-9.30E+01	1.51E+02	-1.22E-02	-1.96E+00
8.98E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.96E+00
8.98E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.96E+00
8.99E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.96E+00
8.99E+01	-9.30E+01	1.51E+02	1.22E-03	-1.95E+00
8.99E+01	-9.30E+01	1.51E+02	-8.54E-03	-1.95E+00

8.99E+01	-9.30E+01	1.51E+02	0.00E+00	-1.95E+00
8.99E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.95E+00
9.00E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.95E+00
9.00E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.94E+00
9.00E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.94E+00
9.00E+01	-9.30E+01	1.51E+02	-3.17E-02	-1.94E+00
9.00E+01	-9.30E+01	1.50E+02	-1.95E-02	-1.94E+00
9.01E+01	-9.30E+01	1.50E+02	-3.17E-02	-1.92E+00
9.01E+01	-9.30E+01	1.50E+02	-9.77E-03	-1.93E+00
9.01E+01	-9.30E+01	1.51E+02	-3.66E-03	-1.94E+00
9.01E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.95E+00
9.01E+01	-9.30E+01	1.51E+02	-5.13E-02	-1.93E+00
9.02E+01	-9.30E+01	1.50E+02	-3.05E-02	-1.95E+00
9.02E+01	-9.30E+01	1.50E+02	-2.56E-02	-1.93E+00
9.02E+01	-9.30E+01	1.51E+02	-4.15E-02	-1.93E+00
9.02E+01	-9.30E+01	1.50E+02	-3.17E-02	-1.92E+00
9.02E+01	-9.30E+01	1.50E+02	-1.95E-02	-1.93E+00
9.03E+01	-9.30E+01	1.51E+02	-2.81E-02	-1.92E+00
9.03E+01	-9.30E+01	1.51E+02	-3.17E-02	-1.92E+00
9.03E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.92E+00
9.03E+01	-9.30E+01	1.50E+02	-2.32E-02	-1.91E+00
9.03E+01	-9.30E+01	1.51E+02	-3.78E-02	-1.92E+00
9.04E+01	-9.30E+01	1.51E+02	-3.54E-02	-1.92E+00
9.04E+01	-9.30E+01	1.51E+02	-2.81E-02	-1.92E+00
9.04E+01	-9.30E+01	1.51E+02	-3.05E-02	-1.92E+00
9.04E+01	-9.30E+01	1.50E+02	-2.93E-02	-1.91E+00
9.04E+01	-9.30E+01	1.51E+02	-3.54E-02	-1.90E+00
9.05E+01	-9.30E+01	1.50E+02	-2.93E-02	-1.91E+00
9.05E+01	-9.30E+01	1.50E+02	-4.88E-02	-1.92E+00
9.05E+01	-9.30E+01	1.50E+02	-3.42E-02	-1.92E+00
9.05E+01	-9.30E+01	1.50E+02	-3.54E-02	-1.91E+00
9.05E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.91E+00
9.06E+01	-9.30E+01	1.51E+02	-3.17E-02	-1.90E+00
9.06E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.90E+00
9.06E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.91E+00
9.06E+01	-9.30E+01	1.51E+02	-3.42E-02	-1.90E+00
9.06E+01	-9.30E+01	1.51E+02	-3.54E-02	-1.90E+00
9.07E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.90E+00
9.07E+01	-9.30E+01	1.50E+02	-3.17E-02	-1.92E+00
9.07E+01	-9.30E+01	1.50E+02	-3.42E-02	-1.90E+00
9.07E+01	-9.30E+01	1.51E+02	-2.20E-02	-1.88E+00
9.07E+01	-9.30E+01	1.51E+02	-4.88E-03	-1.89E+00
9.08E+01	-9.30E+01	1.51E+02	-1.22E-02	-1.89E+00
9.08E+01	-9.30E+01	1.50E+02	-2.20E-02	-1.89E+00
9.08E+01	-9.30E+01	1.51E+02	-2.44E-03	-1.87E+00
9.08E+01	-9.30E+01	1.51E+02	-4.88E-03	-1.88E+00
9.08E+01	-9.30E+01	1.51E+02	-1.59E-02	-1.88E+00

9.09E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.87E+00
9.09E+01	-9.30E+01	1.51E+02	-2.56E-02	-1.87E+00
9.09E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.88E+00
9.09E+01	-9.30E+01	1.51E+02	-3.05E-02	-1.88E+00
9.09E+01	-9.30E+01	1.51E+02	-4.64E-02	-1.87E+00
9.10E+01	-9.30E+01	1.51E+02	-4.39E-02	-1.87E+00
9.10E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.86E+00
9.10E+01	-9.30E+01	1.51E+02	-4.39E-02	-1.88E+00
9.10E+01	-9.30E+01	1.50E+02	-2.93E-02	-1.87E+00
9.10E+01	-9.30E+01	1.51E+02	-2.08E-02	-1.86E+00
9.11E+01	-9.30E+01	1.51E+02	-3.42E-02	-1.87E+00
9.11E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.87E+00
9.11E+01	-9.30E+01	1.50E+02	-7.32E-03	-1.86E+00
9.11E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.87E+00
9.11E+01	-9.30E+01	1.51E+02	-4.88E-02	-1.86E+00
9.12E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.86E+00
9.12E+01	-9.30E+01	1.50E+02	-1.71E-02	-1.86E+00
9.12E+01	-9.30E+01	1.50E+02	-1.95E-02	-1.86E+00
9.12E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.86E+00
9.12E+01	-9.30E+01	1.50E+02	-2.56E-02	-1.85E+00
9.13E+01	-9.30E+01	1.50E+02	-1.22E-02	-1.85E+00
9.13E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.85E+00
9.13E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.85E+00
9.13E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.84E+00
9.13E+01	-9.30E+01	1.50E+02	1.22E-03	-1.82E+00
9.14E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.84E+00
9.14E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.83E+00
9.14E+01	-9.30E+01	1.51E+02	-1.22E-02	-1.84E+00
9.14E+01	-9.30E+01	1.50E+02	-1.71E-02	-1.84E+00
9.14E+01	-9.30E+01	1.50E+02	-4.88E-03	-1.83E+00
9.15E+01	-9.30E+01	1.51E+02	2.44E-02	-1.83E+00
9.15E+01	-9.30E+01	1.51E+02	-9.77E-03	-1.81E+00
9.15E+01	-9.30E+01	1.51E+02	0.00E+00	-1.81E+00
9.15E+01	-9.30E+01	1.51E+02	-1.22E-02	-1.81E+00
9.15E+01	-9.30E+01	1.51E+02	-2.44E-03	-1.81E+00
9.16E+01	-9.30E+01	1.51E+02	-3.05E-02	-1.82E+00
9.16E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.81E+00
9.16E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.80E+00
9.16E+01	-9.30E+01	1.51E+02	-8.54E-03	-1.81E+00
9.16E+01	-9.30E+01	1.50E+02	-1.59E-02	-1.81E+00
9.17E+01	-9.30E+01	1.50E+02	-7.32E-03	-1.80E+00
9.17E+01	-9.30E+01	1.50E+02	-3.17E-02	-1.81E+00
9.17E+01	-9.30E+01	1.51E+02	-2.44E-03	-1.81E+00
9.17E+01	-9.30E+01	1.51E+02	-2.56E-02	-1.81E+00
9.17E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.80E+00
9.18E+01	-9.30E+01	1.50E+02	-3.54E-02	-1.82E+00
9.18E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.80E+00

9.18E+01	-9.30E+01	1.51E+02	0.00E+00	-1.80E+00
9.18E+01	-9.30E+01	1.50E+02	-2.56E-02	-1.81E+00
9.18E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.80E+00
9.19E+01	-9.30E+01	1.51E+02	-4.39E-02	-1.80E+00
9.19E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.79E+00
9.19E+01	-9.30E+01	1.51E+02	-2.56E-02	-1.81E+00
9.19E+01	-9.30E+01	1.50E+02	-2.44E-02	-1.80E+00
9.19E+01	-9.30E+01	1.51E+02	-3.17E-02	-1.79E+00
9.20E+01	-9.30E+01	1.51E+02	-6.10E-02	-1.78E+00
9.20E+01	-9.30E+01	1.51E+02	-3.17E-02	-1.78E+00
9.20E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.78E+00
9.20E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.78E+00
9.20E+01	-9.30E+01	1.51E+02	-1.83E-02	-1.77E+00
9.21E+01	-9.30E+01	1.51E+02	-3.42E-02	-1.77E+00
9.21E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.77E+00
9.21E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.77E+00
9.21E+01	-9.30E+01	1.51E+02	-1.95E-02	-1.77E+00
9.21E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.76E+00
9.22E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.76E+00
9.22E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.76E+00
9.22E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.75E+00
9.22E+01	-9.30E+01	1.51E+02	-4.39E-02	-1.77E+00
9.22E+01	-9.30E+01	1.51E+02	-3.91E-02	-1.76E+00
9.23E+01	-9.30E+01	1.51E+02	-3.66E-02	-1.76E+00
9.23E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.76E+00
9.23E+01	-9.30E+01	1.51E+02	-3.54E-02	-1.77E+00
9.23E+01	-9.30E+01	1.51E+02	-3.30E-02	-1.76E+00
9.23E+01	-9.30E+01	1.51E+02	-3.17E-02	-1.78E+00
9.24E+01	-9.30E+01	1.51E+02	-4.39E-02	-1.76E+00
9.24E+01	-9.30E+01	1.51E+02	-1.95E-02	-1.75E+00
9.24E+01	-9.30E+01	1.51E+02	-1.95E-02	-1.76E+00
9.24E+01	-9.30E+01	1.51E+02	-4.39E-02	-1.76E+00
9.24E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.74E+00
9.25E+01	-9.30E+01	1.51E+02	-3.91E-02	-1.75E+00
9.25E+01	-9.30E+01	1.51E+02	-2.44E-03	-1.75E+00
9.25E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.76E+00
9.25E+01	-9.30E+01	1.51E+02	-4.03E-02	-1.75E+00
9.25E+01	-9.30E+01	1.51E+02	-3.05E-02	-1.73E+00
9.26E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.74E+00
9.26E+01	-9.30E+01	1.51E+02	-7.32E-03	-1.74E+00
9.26E+01	-9.30E+01	1.51E+02	-1.10E-02	-1.74E+00
9.26E+01	-9.30E+01	1.51E+02	-1.59E-02	-1.74E+00
9.26E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.73E+00
9.27E+01	-9.30E+01	1.51E+02	-1.10E-02	-1.73E+00
9.27E+01	-9.30E+01	1.51E+02	-2.44E-03	-1.73E+00
9.27E+01	-9.30E+01	1.51E+02	-1.22E-02	-1.74E+00
9.27E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.73E+00

9.27E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.72E+00
9.28E+01	-9.30E+01	1.51E+02	-2.20E-02	-1.72E+00
9.28E+01	-9.30E+01	1.51E+02	-4.88E-03	-1.72E+00
9.28E+01	-9.30E+01	1.51E+02	-2.20E-02	-1.72E+00
9.28E+01	-9.30E+01	1.51E+02	-1.10E-02	-1.72E+00
9.28E+01	-9.30E+01	1.51E+02	-1.83E-02	-1.72E+00
9.29E+01	-9.30E+01	1.51E+02	1.46E-02	-1.71E+00
9.29E+01	-9.30E+01	1.51E+02	-4.88E-03	-1.72E+00
9.29E+01	-9.30E+01	1.51E+02	-2.20E-02	-1.72E+00
9.29E+01	-9.30E+01	1.51E+02	7.32E-03	-1.70E+00
9.29E+01	-9.30E+01	1.51E+02	-1.34E-02	-1.70E+00
9.30E+01	-9.30E+01	1.51E+02	-1.83E-02	-1.70E+00
9.30E+01	-9.30E+01	1.51E+02	0.00E+00	-1.71E+00
9.30E+01	-9.30E+01	1.51E+02	-2.20E-02	-1.71E+00
9.30E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.70E+00
9.30E+01	-9.30E+01	1.52E+02	-1.83E-02	-1.70E+00
9.31E+01	-9.30E+01	1.51E+02	-3.91E-02	-1.69E+00
9.31E+01	-9.30E+01	1.51E+02	7.32E-03	-1.70E+00
9.31E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.69E+00
9.31E+01	-9.30E+01	1.52E+02	-3.05E-02	-1.69E+00
9.31E+01	-9.30E+01	1.52E+02	-7.32E-03	-1.69E+00
9.32E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.69E+00
9.32E+01	-9.30E+01	1.51E+02	6.10E-03	-1.69E+00
9.32E+01	-9.30E+01	1.51E+02	-1.22E-02	-1.69E+00
9.32E+01	-9.30E+01	1.51E+02	-1.83E-02	-1.68E+00
9.32E+01	-9.30E+01	1.51E+02	-1.22E-03	-1.68E+00
9.33E+01	-9.30E+01	1.51E+02	3.66E-03	-1.68E+00
9.33E+01	-9.30E+01	1.52E+02	-7.32E-03	-1.67E+00
9.33E+01	-9.30E+01	1.51E+02	-8.54E-03	-1.67E+00
9.33E+01	-9.30E+01	1.51E+02	-1.83E-02	-1.66E+00
9.33E+01	-9.30E+01	1.51E+02	7.32E-03	-1.66E+00
9.34E+01	-9.30E+01	1.51E+02	-2.44E-03	-1.65E+00
9.34E+01	-9.30E+01	1.51E+02	2.20E-02	-1.66E+00
9.34E+01	-9.30E+01	1.51E+02	-4.88E-03	-1.67E+00
9.34E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.66E+00
9.34E+01	-9.30E+01	1.51E+02	-2.44E-03	-1.66E+00
9.35E+01	-9.30E+01	1.51E+02	1.46E-02	-1.66E+00
9.35E+01	-9.30E+01	1.51E+02	-2.44E-03	-1.66E+00
9.35E+01	-9.30E+01	1.51E+02	-9.77E-03	-1.66E+00
9.35E+01	-9.30E+01	1.52E+02	-1.34E-02	-1.65E+00
9.35E+01	-9.30E+01	1.52E+02	-1.22E-03	-1.65E+00
9.36E+01	-9.30E+01	1.51E+02	4.88E-03	-1.63E+00
9.36E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.64E+00
9.36E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.64E+00
9.36E+01	-9.30E+01	1.52E+02	-1.95E-02	-1.64E+00
9.36E+01	-9.30E+01	1.52E+02	-2.93E-02	-1.64E+00
9.37E+01	-9.30E+01	1.51E+02	-4.39E-02	-1.63E+00

9.37E+01	-9.30E+01	1.51E+02	-3.66E-02	-1.64E+00
9.37E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.64E+00
9.37E+01	-9.30E+01	1.52E+02	-4.88E-02	-1.64E+00
9.37E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.64E+00
9.38E+01	-9.30E+01	1.51E+02	-3.42E-02	-1.63E+00
9.38E+01	-9.30E+01	1.52E+02	-3.17E-02	-1.64E+00
9.38E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.63E+00
9.38E+01	-9.30E+01	1.51E+02	-5.00E-02	-1.64E+00
9.38E+01	-9.30E+01	1.51E+02	-3.66E-02	-1.63E+00
9.39E+01	-9.30E+01	1.51E+02	-4.15E-02	-1.62E+00
9.39E+01	-9.30E+01	1.51E+02	-6.35E-02	-1.63E+00
9.39E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.62E+00
9.39E+01	-9.30E+01	1.51E+02	4.88E-03	-1.63E+00
9.39E+01	-9.30E+01	1.51E+02	-2.20E-02	-1.62E+00
9.40E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.61E+00
9.40E+01	-9.30E+01	1.51E+02	-5.13E-02	-1.62E+00
9.40E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.62E+00
9.40E+01	-9.30E+01	1.51E+02	-2.44E-03	-1.60E+00
9.40E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.61E+00
9.41E+01	-9.30E+01	1.51E+02	-3.66E-02	-1.61E+00
9.41E+01	-9.30E+01	1.51E+02	-1.10E-02	-1.62E+00
9.41E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.61E+00
9.41E+01	-9.30E+01	1.51E+02	-6.10E-02	-1.62E+00
9.41E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.61E+00
9.42E+01	-9.30E+01	1.51E+02	-3.66E-02	-1.60E+00
9.42E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.59E+00
9.42E+01	-9.30E+01	1.51E+02	-2.81E-02	-1.60E+00
9.42E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.60E+00
9.42E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.60E+00
9.43E+01	-9.30E+01	1.51E+02	-4.27E-02	-1.60E+00
9.43E+01	-9.30E+01	1.51E+02	-4.64E-02	-1.60E+00
9.43E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.60E+00
9.43E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.60E+00
9.43E+01	-9.30E+01	1.51E+02	-2.32E-02	-1.59E+00
9.44E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.59E+00
9.44E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.59E+00
9.44E+01	-9.30E+01	1.51E+02	-7.32E-03	-1.58E+00
9.44E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.58E+00
9.44E+01	-9.30E+01	1.51E+02	-1.22E-02	-1.58E+00
9.45E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.59E+00
9.45E+01	-9.30E+01	1.51E+02	2.44E-03	-1.58E+00
9.45E+01	-9.30E+01	1.51E+02	4.88E-03	-1.58E+00
9.45E+01	-9.30E+01	1.51E+02	-1.22E-02	-1.57E+00
9.45E+01	-9.30E+01	1.51E+02	0.00E+00	-1.56E+00
9.46E+01	-9.30E+01	1.51E+02	3.66E-03	-1.55E+00
9.46E+01	-9.30E+01	1.51E+02	2.44E-03	-1.56E+00
9.46E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.56E+00

9.46E+01	-9.30E+01	1.51E+02	-1.95E-02	-1.57E+00
9.46E+01	-9.30E+01	1.51E+02	-2.44E-03	-1.55E+00
9.47E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.54E+00
9.47E+01	-9.30E+01	1.51E+02	-2.08E-02	-1.55E+00
9.47E+01	-9.30E+01	1.51E+02	-5.00E-02	-1.55E+00
9.47E+01	-9.30E+01	1.51E+02	-2.20E-02	-1.55E+00
9.47E+01	-9.30E+01	1.51E+02	-1.22E-02	-1.55E+00
9.48E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.54E+00
9.48E+01	-9.30E+01	1.51E+02	-4.39E-02	-1.55E+00
9.48E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.54E+00
9.48E+01	-9.30E+01	1.51E+02	-1.46E-02	-1.53E+00
9.48E+01	-9.30E+01	1.51E+02	-3.17E-02	-1.54E+00
9.49E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.54E+00
9.49E+01	-9.30E+01	1.51E+02	-3.42E-02	-1.54E+00
9.49E+01	-9.30E+01	1.51E+02	-2.32E-02	-1.53E+00
9.49E+01	-9.30E+01	1.51E+02	-4.03E-02	-1.54E+00
9.49E+01	-9.30E+01	1.51E+02	-4.39E-02	-1.54E+00
9.50E+01	-9.30E+01	1.51E+02	-3.66E-02	-1.53E+00
9.50E+01	-9.30E+01	1.51E+02	-3.78E-02	-1.53E+00
9.50E+01	-9.30E+01	1.51E+02	-4.03E-02	-1.53E+00
9.50E+01	-9.30E+01	1.51E+02	-2.20E-02	-1.51E+00
9.50E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.53E+00
9.51E+01	-9.30E+01	1.51E+02	-3.42E-02	-1.52E+00
9.51E+01	-9.30E+01	1.51E+02	-4.03E-02	-1.52E+00
9.51E+01	-9.30E+01	1.51E+02	-3.91E-02	-1.51E+00
9.51E+01	-9.30E+01	1.51E+02	-2.08E-02	-1.51E+00
9.51E+01	-9.30E+01	1.51E+02	-1.95E-02	-1.51E+00
9.52E+01	-9.30E+01	1.50E+02	-1.59E-02	-1.51E+00
9.52E+01	-9.30E+01	1.50E+02	-1.95E-02	-1.51E+00
9.52E+01	-9.30E+01	1.51E+02	-2.81E-02	-1.51E+00
9.52E+01	-9.30E+01	1.52E+02	-3.05E-02	-1.52E+00
9.52E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.51E+00
9.53E+01	-9.30E+01	1.51E+02	-3.17E-02	-1.49E+00
9.53E+01	-9.30E+01	1.51E+02	-5.13E-02	-1.50E+00
9.53E+01	-9.30E+01	1.51E+02	-3.91E-02	-1.50E+00
9.53E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.50E+00
9.53E+01	-9.30E+01	1.50E+02	-1.71E-02	-1.50E+00
9.54E+01	-9.30E+01	1.51E+02	-2.69E-02	-1.49E+00
9.54E+01	-9.30E+01	1.51E+02	-4.88E-02	-1.49E+00
9.54E+01	-9.30E+01	1.51E+02	-2.20E-02	-1.49E+00
9.54E+01	-9.30E+01	1.51E+02	-3.17E-02	-1.49E+00
9.54E+01	-9.30E+01	1.51E+02	-2.32E-02	-1.49E+00
9.55E+01	-9.30E+01	1.51E+02	-3.42E-02	-1.49E+00
9.55E+01	-9.30E+01	1.51E+02	-4.39E-02	-1.48E+00
9.55E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.48E+00
9.55E+01	-9.30E+01	1.51E+02	-2.20E-02	-1.48E+00
9.55E+01	-9.30E+01	1.51E+02	-1.95E-02	-1.48E+00

9.56E+01	-9.30E+01	1.51E+02	-2.08E-02	-1.48E+00
9.56E+01	-9.30E+01	1.51E+02	-4.88E-02	-1.47E+00
9.56E+01	-9.30E+01	1.51E+02	-3.78E-02	-1.48E+00
9.56E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.49E+00
9.56E+01	-9.30E+01	1.51E+02	-4.76E-02	-1.49E+00
9.57E+01	-9.30E+01	1.51E+02	-2.93E-02	-1.47E+00
9.57E+01	-9.30E+01	1.51E+02	-1.34E-02	-1.48E+00
9.57E+01	-9.30E+01	1.51E+02	-1.95E-02	-1.48E+00
9.57E+01	-9.30E+01	1.51E+02	-2.44E-02	-1.48E+00
9.57E+01	-9.30E+01	1.51E+02	4.88E-03	-1.48E+00
9.58E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.48E+00
9.58E+01	-9.30E+01	1.51E+02	-6.10E-03	-1.46E+00
9.58E+01	-9.30E+01	1.51E+02	3.66E-03	-1.47E+00
9.58E+01	-9.30E+01	1.51E+02	-1.22E-02	-1.47E+00
9.58E+01	-9.30E+01	1.50E+02	-3.66E-02	-1.47E+00
9.59E+01	-9.30E+01	1.50E+02	-1.22E-03	-1.45E+00
9.59E+01	-9.30E+01	1.50E+02	1.34E-02	-1.45E+00
9.59E+01	-9.30E+01	1.51E+02	-4.88E-03	-1.45E+00
9.59E+01	-9.30E+01	1.51E+02	-1.22E-02	-1.44E+00
9.59E+01	-9.30E+01	1.50E+02	9.77E-03	-1.44E+00
9.60E+01	-9.30E+01	1.51E+02	-1.95E-02	-1.45E+00
9.60E+01	-9.30E+01	1.51E+02	-1.71E-02	-1.45E+00
9.60E+01	-9.30E+01	1.51E+02	-2.81E-02	-1.44E+00
9.60E+01	-9.30E+01	1.51E+02	-2.32E-02	-1.45E+00
9.60E+01	-9.30E+01	1.50E+02	-3.42E-02	-1.44E+00
9.61E+01	-9.30E+01	1.51E+02	-1.95E-02	-1.44E+00
9.61E+01	-9.30E+01	1.51E+02	-4.39E-02	-1.45E+00
9.61E+01	-9.30E+01	1.50E+02	-1.46E-02	-1.44E+00
9.61E+01	-9.30E+01	1.50E+02	-2.93E-02	-1.43E+00
9.61E+01	-9.30E+01	1.50E+02	-1.95E-02	-1.45E+00
9.62E+01	-9.30E+01	1.50E+02	-2.20E-02	-1.44E+00
9.62E+01	-9.30E+01	1.50E+02	-1.95E-02	-1.43E+00
9.62E+01	-9.30E+01	1.50E+02	-1.59E-02	-1.43E+00
9.62E+01	-9.30E+01	1.50E+02	-1.46E-02	-1.44E+00
9.62E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.43E+00
9.63E+01	-9.30E+01	1.50E+02	-1.83E-02	-1.43E+00
9.63E+01	-9.30E+01	1.50E+02	-4.88E-03	-1.42E+00
9.63E+01	-9.30E+01	1.50E+02	8.54E-03	-1.42E+00
9.63E+01	-9.30E+01	1.50E+02	-7.32E-03	-1.43E+00
9.63E+01	-9.30E+01	1.50E+02	-1.22E-03	-1.41E+00
9.64E+01	-9.30E+01	1.50E+02	-4.88E-03	-1.41E+00
9.64E+01	-9.30E+01	1.51E+02	-3.66E-03	-1.41E+00
9.64E+01	-9.30E+01	1.50E+02	-6.10E-03	-1.41E+00
9.64E+01	-9.30E+01	1.50E+02	-1.22E-03	-1.41E+00
9.64E+01	-9.30E+01	1.50E+02	-2.44E-03	-1.40E+00
9.65E+01	-9.30E+01	1.51E+02	-4.88E-03	-1.40E+00
9.65E+01	-9.30E+01	1.50E+02	-1.10E-02	-1.40E+00

9.65E+01	-9.30E+01	1.50E+02	-5.13E-02	-1.40E+00
9.65E+01	-9.30E+01	1.50E+02	-3.17E-02	-1.39E+00
9.65E+01	-9.30E+01	1.50E+02	-2.44E-02	-1.40E+00
9.66E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.40E+00
9.66E+01	-9.30E+01	1.50E+02	-2.56E-02	-1.39E+00
9.66E+01	-9.30E+01	1.50E+02	0.00E+00	-1.39E+00
9.66E+01	-9.30E+01	1.50E+02	-3.17E-02	-1.38E+00
9.66E+01	-9.30E+01	1.50E+02	-3.91E-02	-1.40E+00
9.67E+01	-9.30E+01	1.50E+02	-3.66E-02	-1.40E+00
9.67E+01	-9.30E+01	1.50E+02	-3.78E-02	-1.39E+00
9.67E+01	-9.30E+01	1.50E+02	-6.10E-02	-1.39E+00
9.67E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.38E+00
9.67E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.39E+00
9.68E+01	-9.30E+01	1.50E+02	-2.81E-02	-1.39E+00
9.68E+01	-9.30E+01	1.50E+02	-3.66E-02	-1.38E+00
9.68E+01	-9.30E+01	1.50E+02	-2.20E-02	-1.38E+00
9.68E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.38E+00
9.68E+01	-9.30E+01	1.50E+02	-1.95E-02	-1.38E+00
9.69E+01	-9.30E+01	1.50E+02	-9.77E-03	-1.38E+00
9.69E+01	-9.30E+01	1.50E+02	-2.20E-02	-1.37E+00
9.69E+01	-9.30E+01	1.50E+02	7.32E-03	-1.37E+00
9.69E+01	-9.30E+01	1.50E+02	2.44E-02	-1.38E+00
9.69E+01	-9.30E+01	1.50E+02	-2.44E-03	-1.36E+00
9.70E+01	-9.30E+01	1.50E+02	4.88E-03	-1.36E+00
9.70E+01	-9.30E+01	1.50E+02	-2.44E-03	-1.37E+00
9.70E+01	-9.30E+01	1.50E+02	-1.22E-02	-1.37E+00
9.70E+01	-9.30E+01	1.50E+02	7.32E-03	-1.36E+00
9.70E+01	-9.30E+01	1.50E+02	-1.22E-03	-1.36E+00
9.71E+01	-9.30E+01	1.50E+02	-4.88E-03	-1.35E+00
9.71E+01	-9.30E+01	1.50E+02	-1.22E-03	-1.35E+00
9.71E+01	-9.30E+01	1.49E+02	1.34E-02	-1.35E+00
9.71E+01	-9.30E+01	1.50E+02	-1.59E-02	-1.35E+00
9.71E+01	-9.30E+01	1.50E+02	-1.71E-02	-1.34E+00
9.72E+01	-9.30E+01	1.50E+02	-1.83E-02	-1.34E+00
9.72E+01	-9.30E+01	1.50E+02	-1.22E-02	-1.34E+00
9.72E+01	-9.30E+01	1.50E+02	-2.81E-02	-1.34E+00
9.72E+01	-9.30E+01	1.50E+02	-3.17E-02	-1.34E+00
9.72E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.34E+00
9.73E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.34E+00
9.73E+01	-9.30E+01	1.50E+02	-2.20E-02	-1.34E+00
9.73E+01	-9.30E+01	1.50E+02	-7.32E-03	-1.33E+00
9.73E+01	-9.30E+01	1.50E+02	-3.17E-02	-1.33E+00
9.73E+01	-9.30E+01	1.50E+02	-2.20E-02	-1.33E+00
9.74E+01	-9.30E+01	1.50E+02	-3.17E-02	-1.34E+00
9.74E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.33E+00
9.74E+01	-9.30E+01	1.50E+02	-6.23E-02	-1.33E+00
9.74E+01	-9.30E+01	1.50E+02	-4.15E-02	-1.32E+00

9.74E+01	-9.30E+01	1.50E+02	-2.56E-02	-1.32E+00
9.75E+01	-9.30E+01	1.50E+02	-1.22E-02	-1.31E+00
9.75E+01	-9.30E+01	1.50E+02	-2.93E-02	-1.33E+00
9.75E+01	-9.30E+01	1.49E+02	-3.42E-02	-1.32E+00
9.75E+01	-9.30E+01	1.49E+02	-3.05E-02	-1.32E+00
9.75E+01	-9.30E+01	1.49E+02	-2.93E-02	-1.32E+00
9.76E+01	-9.30E+01	1.50E+02	-3.17E-02	-1.32E+00
9.76E+01	-9.30E+01	1.49E+02	-3.17E-02	-1.32E+00
9.76E+01	-9.30E+01	1.50E+02	3.66E-03	-1.31E+00
9.76E+01	-9.30E+01	1.49E+02	-2.56E-02	-1.31E+00
9.76E+01	-9.30E+01	1.50E+02	-2.32E-02	-1.31E+00
9.77E+01	-9.30E+01	1.50E+02	-1.46E-02	-1.29E+00
9.77E+01	-9.30E+01	1.50E+02	-1.95E-02	-1.30E+00
9.77E+01	-9.30E+01	1.49E+02	-5.37E-02	-1.30E+00
9.77E+01	-9.30E+01	1.49E+02	-3.91E-02	-1.29E+00
9.77E+01	-9.30E+01	1.50E+02	-2.20E-02	-1.29E+00
9.78E+01	-9.30E+01	1.50E+02	-2.44E-02	-1.30E+00
9.78E+01	-9.30E+01	1.50E+02	-1.22E-02	-1.29E+00
9.78E+01	-9.30E+01	1.50E+02	-2.69E-02	-1.29E+00
9.78E+01	-9.30E+01	1.50E+02	-2.93E-02	-1.29E+00
9.78E+01	-9.30E+01	1.50E+02	-1.46E-02	-1.28E+00
9.79E+01	-9.30E+01	1.50E+02	-9.77E-03	-1.29E+00
9.79E+01	-9.30E+01	1.49E+02	-1.95E-02	-1.28E+00
9.79E+01	-9.30E+01	1.49E+02	-3.78E-02	-1.28E+00
9.79E+01	-9.30E+01	1.50E+02	-3.42E-02	-1.28E+00
9.79E+01	-9.30E+01	1.50E+02	-2.56E-02	-1.28E+00
9.80E+01	-9.30E+01	1.49E+02	-3.17E-02	-1.28E+00
9.80E+01	-9.30E+01	1.49E+02	-2.44E-02	-1.29E+00
9.80E+01	-9.30E+01	1.50E+02	-2.93E-02	-1.28E+00
9.80E+01	-9.30E+01	1.50E+02	-3.42E-02	-1.27E+00
9.80E+01	-9.30E+01	1.50E+02	-1.95E-02	-1.28E+00
9.81E+01	-9.30E+01	1.49E+02	-2.20E-02	-1.26E+00
9.81E+01	-9.30E+01	1.49E+02	-2.20E-02	-1.27E+00
9.81E+01	-9.30E+01	1.49E+02	-2.20E-02	-1.25E+00
9.81E+01	-9.30E+01	1.49E+02	-1.22E-02	-1.26E+00
9.81E+01	-9.30E+01	1.49E+02	-2.20E-02	-1.24E+00
9.82E+01	-9.30E+01	1.49E+02	-1.10E-02	-1.26E+00
9.82E+01	-9.30E+01	1.49E+02	1.22E-03	-1.26E+00
9.82E+01	-9.30E+01	1.49E+02	2.44E-03	-1.27E+00
9.82E+01	-9.30E+01	1.49E+02	-9.77E-03	-1.25E+00
9.82E+01	-9.30E+01	1.49E+02	-9.77E-03	-1.25E+00
9.83E+01	-9.30E+01	1.50E+02	-1.46E-02	-1.25E+00
9.83E+01	-9.30E+01	1.49E+02	-2.20E-02	-1.25E+00
9.83E+01	-9.30E+01	1.49E+02	-3.17E-02	-1.26E+00
9.83E+01	-9.30E+01	1.49E+02	-2.93E-02	-1.25E+00
9.83E+01	-9.30E+01	1.49E+02	-2.56E-02	-1.25E+00
9.84E+01	-9.30E+01	1.49E+02	-3.05E-02	-1.25E+00

9.84E+01	-9.30E+01	1.49E+02	-2.69E-02	-1.25E+00
9.84E+01	-9.30E+01	1.49E+02	-3.05E-02	-1.25E+00
9.84E+01	-9.30E+01	1.49E+02	-3.42E-02	-1.24E+00
9.84E+01	-9.30E+01	1.50E+02	-2.20E-02	-1.23E+00
9.85E+01	-9.30E+01	1.49E+02	-2.32E-02	-1.23E+00
9.85E+01	-9.30E+01	1.49E+02	-9.77E-03	-1.23E+00
9.85E+01	-9.30E+01	1.49E+02	-1.34E-02	-1.23E+00
9.85E+01	-9.30E+01	1.50E+02	-2.93E-02	-1.22E+00
9.85E+01	-9.30E+01	1.50E+02	-1.95E-02	-1.22E+00
9.86E+01	-9.30E+01	1.49E+02	-1.95E-02	-1.22E+00
9.86E+01	-9.30E+01	1.49E+02	-8.54E-03	-1.23E+00
9.86E+01	-9.30E+01	1.49E+02	-2.69E-02	-1.22E+00
9.86E+01	-9.30E+01	1.49E+02	-5.13E-02	-1.22E+00
9.86E+01	-9.30E+01	1.49E+02	-1.71E-02	-1.22E+00
9.87E+01	-9.30E+01	1.49E+02	-3.91E-02	-1.22E+00
9.87E+01	-9.30E+01	1.48E+02	-2.69E-02	-1.22E+00
9.87E+01	-9.30E+01	1.49E+02	-4.15E-02	-1.22E+00
9.87E+01	-9.30E+01	1.49E+02	-3.42E-02	-1.22E+00
9.87E+01	-9.30E+01	1.49E+02	-2.20E-02	-1.21E+00
9.88E+01	-9.30E+01	1.49E+02	-3.17E-02	-1.21E+00
9.88E+01	-9.30E+01	1.49E+02	-2.69E-02	-1.22E+00
9.88E+01	-9.30E+01	1.50E+02	-3.17E-02	-1.21E+00
9.88E+01	-9.30E+01	1.49E+02	-3.30E-02	-1.20E+00
9.88E+01	-9.30E+01	1.49E+02	-2.69E-02	-1.20E+00
9.89E+01	-9.30E+01	1.49E+02	-3.42E-02	-1.21E+00
9.89E+01	-9.30E+01	1.49E+02	-2.20E-02	-1.20E+00
9.89E+01	-9.30E+01	1.49E+02	-2.56E-02	-1.19E+00
9.89E+01	-9.30E+01	1.49E+02	-5.13E-02	-1.19E+00
9.89E+01	-9.30E+01	1.49E+02	-1.95E-02	-1.19E+00
9.90E+01	-9.30E+01	1.49E+02	6.10E-03	-1.18E+00
9.90E+01	-9.30E+01	1.49E+02	-2.20E-02	-1.19E+00
9.90E+01	-9.30E+01	1.49E+02	-2.08E-02	-1.19E+00
9.90E+01	-9.30E+01	1.49E+02	-6.10E-02	-1.19E+00
9.90E+01	-9.30E+01	1.49E+02	-2.69E-02	-1.18E+00
9.91E+01	-9.30E+01	1.49E+02	-1.46E-02	-1.18E+00
9.91E+01	-9.30E+01	1.49E+02	-3.17E-02	-1.19E+00
9.91E+01	-9.30E+01	1.49E+02	-3.66E-02	-1.18E+00
9.91E+01	-9.30E+01	1.49E+02	-1.83E-02	-1.18E+00
9.91E+01	-9.30E+01	1.49E+02	-2.44E-02	-1.18E+00
9.92E+01	-9.30E+01	1.50E+02	-4.64E-02	-1.18E+00
9.92E+01	-9.30E+01	1.50E+02	-3.42E-02	-1.18E+00
9.92E+01	-9.30E+01	1.49E+02	-3.91E-02	-1.18E+00
9.92E+01	-9.30E+01	1.49E+02	-4.88E-03	-1.18E+00
9.92E+01	-9.30E+01	1.49E+02	-2.93E-02	-1.17E+00
9.93E+01	-9.30E+01	1.49E+02	-2.81E-02	-1.19E+00
9.93E+01	-9.30E+01	1.49E+02	-1.95E-02	-1.18E+00
9.93E+01	-9.30E+01	1.49E+02	-2.56E-02	-1.17E+00

9.93E+01	-9.30E+01	1.49E+02	-1.71E-02	-1.17E+00
9.93E+01	-9.30E+01	1.49E+02	-1.71E-02	-1.18E+00
9.94E+01	-9.30E+01	1.49E+02	-2.81E-02	-1.18E+00
9.94E+01	-9.30E+01	1.49E+02	-2.20E-02	-1.17E+00
9.94E+01	-9.30E+01	1.49E+02	-2.32E-02	-1.18E+00
9.94E+01	-9.30E+01	1.49E+02	-2.20E-02	-1.16E+00
9.94E+01	-9.30E+01	1.49E+02	-1.46E-02	-1.16E+00
9.95E+01	-9.30E+01	1.49E+02	-3.66E-02	-1.17E+00
9.95E+01	-9.30E+01	1.49E+02	-1.59E-02	-1.16E+00
9.95E+01	-9.30E+01	1.50E+02	-1.10E-02	-1.16E+00
9.95E+01	-9.30E+01	1.50E+02	1.22E-02	-1.15E+00
9.95E+01	-9.30E+01	1.49E+02	-3.54E-02	-1.16E+00
9.96E+01	-9.30E+01	1.49E+02	-4.88E-03	-1.17E+00
9.96E+01	-9.30E+01	1.49E+02	-3.78E-02	-1.15E+00
9.96E+01	-9.30E+01	1.49E+02	-9.77E-03	-1.14E+00
9.96E+01	-9.30E+01	1.49E+02	-2.44E-03	-1.15E+00
9.96E+01	-9.30E+01	1.49E+02	-1.71E-02	-1.15E+00
9.97E+01	-9.30E+01	1.49E+02	-1.22E-02	-1.17E+00
9.97E+01	-9.30E+01	1.50E+02	-2.81E-02	-1.14E+00
9.97E+01	-9.30E+01	1.49E+02	-9.77E-03	-1.13E+00
9.97E+01	-9.30E+01	1.49E+02	7.32E-03	-1.14E+00
9.97E+01	-9.30E+01	1.49E+02	1.22E-02	-1.14E+00
9.98E+01	-9.30E+01	1.50E+02	-1.10E-02	-1.15E+00
9.98E+01	-9.30E+01	1.49E+02	-1.22E-02	-1.13E+00
9.98E+01	-9.30E+01	1.49E+02	-1.46E-02	-1.13E+00
9.98E+01	-9.30E+01	1.49E+02	1.22E-02	-1.13E+00
9.98E+01	-9.30E+01	1.49E+02	-9.77E-03	-1.13E+00
9.99E+01	-9.30E+01	1.49E+02	-2.44E-03	-1.13E+00
9.99E+01	-9.30E+01	1.50E+02	-4.88E-03	-1.12E+00
9.99E+01	-9.30E+01	1.49E+02	-2.44E-03	-1.11E+00
9.99E+01	-9.30E+01	1.49E+02	1.22E-02	-1.12E+00
9.99E+01	-9.30E+01	1.49E+02	-7.32E-03	-1.12E+00
1.00E+02	-9.30E+01	1.49E+02	-1.95E-02	-1.11E+00
1.00E+02	-9.30E+01	1.49E+02	-1.22E-03	-1.10E+00
1.00E+02	-9.30E+01	1.50E+02	0.00E+00	-1.10E+00
1.00E+02	-9.30E+01	1.50E+02	-2.44E-02	-1.10E+00
1.00E+02	-9.30E+01	1.50E+02	-9.77E-03	-1.10E+00
1.00E+02	-9.30E+01	1.49E+02	-7.32E-03	-1.10E+00
1.00E+02	-9.30E+01	1.50E+02	-1.71E-02	-1.11E+00
1.00E+02	-9.30E+01	1.49E+02	-2.44E-03	-1.10E+00
1.00E+02	-9.30E+01	1.50E+02	1.59E-02	-1.09E+00
1.00E+02	-9.30E+01	1.50E+02	-1.10E-02	-1.10E+00
1.00E+02	-9.30E+01	1.49E+02	-7.32E-03	-1.10E+00
1.00E+02	-9.30E+01	1.50E+02	1.71E-02	-1.09E+00
1.00E+02	-9.30E+01	1.49E+02	-2.44E-03	-1.10E+00
1.00E+02	-9.30E+01	1.49E+02	-1.71E-02	-1.10E+00
1.00E+02	-9.30E+01	1.49E+02	-8.54E-03	-1.09E+00

1.00E+02	-9.30E+01	1.50E+02	-9.77E-03	-1.09E+00
1.00E+02	-9.30E+01	1.50E+02	2.69E-02	-1.08E+00
1.00E+02	-9.30E+01	1.50E+02	7.32E-03	-1.08E+00
1.00E+02	-9.30E+01	1.49E+02	3.17E-02	-1.08E+00
1.00E+02	-9.30E+01	1.49E+02	2.44E-03	-1.08E+00
1.00E+02	-9.30E+01	1.49E+02	-7.32E-03	-1.08E+00
1.00E+02	-9.30E+01	1.50E+02	-2.81E-02	-1.08E+00
1.00E+02	-9.30E+01	1.49E+02	2.44E-03	-1.08E+00
1.00E+02	-9.30E+01	1.49E+02	-3.05E-02	-1.09E+00
1.00E+02	-9.30E+01	1.49E+02	-9.77E-03	-1.08E+00
1.00E+02	-9.30E+01	1.49E+02	-7.32E-03	-1.06E+00
1.00E+02	-9.30E+01	1.49E+02	-4.88E-03	-1.07E+00
1.01E+02	-9.30E+01	1.49E+02	-3.66E-03	-1.07E+00
1.01E+02	-9.30E+01	1.49E+02	-2.44E-03	-1.06E+00
1.01E+02	-9.30E+01	1.50E+02	-1.34E-02	-1.06E+00
1.01E+02	-9.30E+01	1.50E+02	-1.71E-02	-1.05E+00
1.01E+02	-9.30E+01	1.49E+02	-1.95E-02	-1.06E+00
1.01E+02	-9.30E+01	1.49E+02	-2.81E-02	-1.06E+00
1.01E+02	-9.30E+01	1.49E+02	-4.64E-02	-1.06E+00
1.01E+02	-9.30E+01	1.49E+02	-3.30E-02	-1.06E+00
1.01E+02	-9.30E+01	1.49E+02	-3.05E-02	-1.06E+00
1.01E+02	-9.30E+01	1.50E+02	-2.93E-02	-1.06E+00
1.01E+02	-9.30E+01	1.49E+02	-3.42E-02	-1.06E+00
1.01E+02	-9.30E+01	1.49E+02	-4.39E-02	-1.07E+00
1.01E+02	-9.30E+01	1.49E+02	-1.46E-02	-1.05E+00
1.01E+02	-9.30E+01	1.49E+02	-2.56E-02	-1.07E+00
1.01E+02	-9.30E+01	1.49E+02	-1.46E-02	-1.05E+00
1.01E+02	-9.30E+01	1.49E+02	-1.22E-02	-1.05E+00
1.01E+02	-9.30E+01	1.49E+02	-3.17E-02	-1.05E+00
1.01E+02	-9.30E+01	1.49E+02	-2.44E-02	-1.05E+00
1.01E+02	-9.30E+01	1.49E+02	-1.71E-02	-1.04E+00
1.01E+02	-9.30E+01	1.49E+02	-1.46E-02	-1.04E+00
1.01E+02	-9.30E+01	1.49E+02	-2.44E-02	-1.04E+00
1.01E+02	-9.30E+01	1.49E+02	-2.32E-02	-1.05E+00
1.01E+02	-9.30E+01	1.49E+02	1.46E-02	-1.04E+00
1.01E+02	-9.30E+01	1.49E+02	-1.71E-02	-1.05E+00
1.01E+02	-9.30E+01	1.49E+02	-9.77E-03	-1.04E+00
1.01E+02	-9.30E+01	1.49E+02	4.88E-03	-1.03E+00
1.01E+02	-9.30E+01	1.49E+02	-7.32E-03	-1.04E+00
1.01E+02	-9.30E+01	1.49E+02	-1.22E-03	-1.03E+00
1.01E+02	-9.30E+01	1.49E+02	-1.10E-02	-1.04E+00
1.01E+02	-9.30E+01	1.49E+02	-6.10E-03	-1.02E+00
1.01E+02	-9.30E+01	1.49E+02	0.00E+00	-1.02E+00
1.01E+02	-9.30E+01	1.49E+02	-7.32E-03	-1.02E+00
1.01E+02	-9.30E+01	1.49E+02	-7.32E-03	-1.02E+00
1.01E+02	-9.30E+01	1.49E+02	-9.77E-03	-9.96E-01
1.01E+02	-9.30E+01	1.50E+02	-1.71E-02	-1.01E+00

1.01E+02	-9.30E+01	1.50E+02	-2.08E-02	-1.01E+00
1.01E+02	-9.30E+01	1.49E+02	2.44E-03	-1.02E+00
1.01E+02	-9.30E+01	1.49E+02	0.00E+00	-1.01E+00
1.01E+02	-9.30E+01	1.49E+02	-1.34E-02	-9.94E-01
1.01E+02	-9.30E+01	1.50E+02	-1.71E-02	-1.00E+00
1.01E+02	-9.30E+01	1.50E+02	8.54E-03	-9.98E-01
1.01E+02	-9.30E+01	1.49E+02	7.32E-03	-1.00E+00
1.01E+02	-9.30E+01	1.49E+02	8.54E-03	-9.98E-01
1.01E+02	-9.30E+01	1.49E+02	-1.10E-02	-1.01E+00
1.01E+02	-9.30E+01	1.49E+02	-9.77E-03	-9.84E-01
1.01E+02	-9.30E+01	1.49E+02	-2.44E-03	-9.87E-01
1.01E+02	-9.30E+01	1.49E+02	2.44E-03	-9.89E-01
1.01E+02	-9.30E+01	1.50E+02	-2.44E-02	-9.84E-01
1.01E+02	-9.30E+01	1.49E+02	-1.22E-02	-9.69E-01
1.01E+02	-9.30E+01	1.49E+02	-1.46E-02	-9.73E-01
1.02E+02	-9.30E+01	1.49E+02	-1.46E-02	-9.77E-01
1.02E+02	-9.30E+01	1.49E+02	-3.42E-02	-9.89E-01
1.02E+02	-9.30E+01	1.49E+02	-3.66E-02	-9.73E-01
1.02E+02	-9.30E+01	1.49E+02	-1.71E-02	-9.64E-01
1.02E+02	-9.30E+01	1.49E+02	-7.32E-03	-9.66E-01
1.02E+02	-9.30E+01	1.49E+02	-4.88E-03	-9.72E-01
1.02E+02	-9.30E+01	1.49E+02	-3.66E-03	-9.77E-01
1.02E+02	-9.30E+01	1.49E+02	9.77E-03	-9.72E-01
1.02E+02	-9.30E+01	1.49E+02	-9.77E-03	-9.72E-01
1.02E+02	-9.30E+01	1.49E+02	-8.54E-03	-9.64E-01
1.02E+02	-9.30E+01	1.49E+02	-4.88E-03	-9.63E-01
1.02E+02	-9.30E+01	1.49E+02	6.10E-03	-9.63E-01
1.02E+02	-9.30E+01	1.49E+02	-1.71E-02	-9.70E-01
1.02E+02	-9.30E+01	1.49E+02	-1.22E-02	-9.59E-01
1.02E+02	-9.30E+01	1.49E+02	1.95E-02	-9.49E-01
1.02E+02	-9.30E+01	1.49E+02	0.00E+00	-9.58E-01
1.02E+02	-9.30E+01	1.49E+02	-1.22E-03	-9.56E-01
1.02E+02	-9.30E+01	1.49E+02	2.69E-02	-9.57E-01
1.02E+02	-9.30E+01	1.49E+02	-9.77E-03	-9.57E-01
1.02E+02	-9.30E+01	1.49E+02	-2.44E-03	-9.54E-01
1.02E+02	-9.30E+01	1.49E+02	2.44E-03	-9.48E-01
1.02E+02	-9.30E+01	1.49E+02	9.77E-03	-9.52E-01
1.02E+02	-9.30E+01	1.49E+02	-7.32E-03	-9.45E-01
1.02E+02	-9.30E+01	1.49E+02	-1.10E-02	-9.38E-01
1.02E+02	-9.30E+01	1.49E+02	-2.44E-03	-9.31E-01
1.02E+02	-9.30E+01	1.49E+02	2.44E-03	-9.38E-01
1.02E+02	-9.30E+01	1.49E+02	2.44E-03	-9.35E-01
1.02E+02	-9.30E+01	1.49E+02	-9.77E-03	-9.34E-01
1.02E+02	-9.30E+01	1.49E+02	-7.32E-03	-9.34E-01
1.02E+02	-9.30E+01	1.49E+02	0.00E+00	-9.25E-01
1.02E+02	-9.30E+01	1.49E+02	0.00E+00	-9.30E-01
1.02E+02	-9.30E+01	1.49E+02	-4.88E-03	-9.25E-01

1.02E+02	-9.30E+01	1.49E+02	-7.32E-03	-9.24E-01
1.02E+02	-9.30E+01	1.49E+02	-1.46E-02	-9.18E-01
1.02E+02	-9.30E+01	1.48E+02	1.22E-02	-9.11E-01
1.02E+02	-9.30E+01	1.48E+02	-6.10E-03	-9.22E-01
1.02E+02	-9.30E+01	1.49E+02	0.00E+00	-9.19E-01
1.02E+02	-9.30E+01	1.49E+02	-1.10E-02	-9.28E-01
1.02E+02	-9.30E+01	1.49E+02	-7.32E-03	-9.20E-01
1.02E+02	-9.30E+01	1.49E+02	-1.46E-02	-9.12E-01
1.02E+02	-9.30E+01	1.49E+02	3.66E-03	-9.11E-01
1.02E+02	-9.30E+01	1.49E+02	-1.22E-03	-9.18E-01
1.02E+02	-9.30E+01	1.49E+02	1.59E-02	-9.09E-01
1.02E+02	-9.30E+01	1.49E+02	-9.77E-03	-9.04E-01
1.02E+02	-9.30E+01	1.49E+02	1.22E-02	-8.94E-01
1.02E+02	-9.30E+01	1.49E+02	-2.44E-03	-9.03E-01
1.02E+02	-9.30E+01	1.49E+02	-2.20E-02	-8.99E-01
1.02E+02	-9.30E+01	1.49E+02	-2.44E-03	-9.06E-01
1.02E+02	-9.30E+01	1.49E+02	-2.20E-02	-9.02E-01
1.02E+02	-9.30E+01	1.49E+02	-2.32E-02	-8.93E-01
1.03E+02	-9.30E+01	1.49E+02	-8.54E-03	-8.94E-01
1.03E+02	-9.30E+01	1.49E+02	-2.69E-02	-8.98E-01
1.03E+02	-9.30E+01	1.49E+02	-3.91E-02	-8.89E-01
1.03E+02	-9.30E+01	1.49E+02	-1.95E-02	-8.86E-01
1.03E+02	-9.30E+01	1.49E+02	-2.20E-02	-8.85E-01
1.03E+02	-9.30E+01	1.50E+02	-6.10E-03	-8.88E-01
1.03E+02	-9.30E+01	1.49E+02	-1.59E-02	-8.87E-01
1.03E+02	-9.30E+01	1.49E+02	-1.71E-02	-8.85E-01
1.03E+02	-9.30E+01	1.49E+02	-9.77E-03	-8.76E-01
1.03E+02	-9.30E+01	1.49E+02	-1.22E-02	-8.73E-01
1.03E+02	-9.30E+01	1.49E+02	-1.59E-02	-8.79E-01
1.03E+02	-9.30E+01	1.49E+02	-3.30E-02	-8.70E-01
1.03E+02	-9.30E+01	1.49E+02	-3.78E-02	-8.75E-01
1.03E+02	-9.30E+01	1.49E+02	-2.08E-02	-8.62E-01
1.03E+02	-9.30E+01	1.50E+02	-2.44E-03	-8.65E-01
1.03E+02	-9.30E+01	1.49E+02	2.44E-03	-8.72E-01
1.03E+02	-9.30E+01	1.49E+02	-2.44E-03	-8.53E-01
1.03E+02	-9.30E+01	1.49E+02	1.22E-03	-8.66E-01
1.03E+02	-9.30E+01	1.49E+02	-1.22E-02	-8.52E-01
1.03E+02	-9.30E+01	1.49E+02	-9.77E-03	-8.59E-01
1.03E+02	-9.30E+01	1.49E+02	-9.77E-03	-8.63E-01
1.03E+02	-9.30E+01	1.49E+02	9.77E-03	-8.52E-01
1.03E+02	-9.30E+01	1.49E+02	9.77E-03	-8.62E-01
1.03E+02	-9.30E+01	1.49E+02	-9.77E-03	-8.62E-01
1.03E+02	-9.30E+01	1.49E+02	0.00E+00	-8.58E-01
1.03E+02	-9.30E+01	1.49E+02	-9.77E-03	-8.58E-01
1.03E+02	-9.30E+01	1.49E+02	1.22E-02	-8.49E-01
1.03E+02	-9.30E+01	1.49E+02	1.46E-02	-8.60E-01
1.03E+02	-9.30E+01	1.49E+02	-1.46E-02	-8.58E-01

1.03E+02	-9.30E+01	1.48E+02	-1.22E-02	-8.64E-01
1.03E+02	-9.30E+01	1.49E+02	-2.32E-02	-8.58E-01
1.03E+02	-9.30E+01	1.49E+02	-1.71E-02	-8.58E-01
1.03E+02	-9.30E+01	1.49E+02	-9.77E-03	-8.55E-01
1.03E+02	-9.30E+01	1.49E+02	-1.46E-02	-8.56E-01
1.03E+02	-9.30E+01	1.49E+02	-1.46E-02	-8.47E-01
1.03E+02	-9.30E+01	1.49E+02	-1.46E-02	-8.49E-01
1.03E+02	-9.30E+01	1.49E+02	-9.77E-03	-8.43E-01
1.03E+02	-9.30E+01	1.49E+02	-1.95E-02	-8.47E-01
1.03E+02	-9.30E+01	1.49E+02	-1.83E-02	-8.49E-01
1.03E+02	-9.30E+01	1.49E+02	-2.44E-02	-8.47E-01
1.03E+02	-9.30E+01	1.49E+02	-3.78E-02	-8.38E-01
1.03E+02	-9.30E+01	1.49E+02	-2.69E-02	-8.37E-01
1.03E+02	-9.30E+01	1.49E+02	-9.77E-03	-8.38E-01
1.03E+02	-9.30E+01	1.49E+02	-2.56E-02	-8.43E-01
1.03E+02	-9.30E+01	1.49E+02	-2.69E-02	-8.39E-01
1.03E+02	-9.30E+01	1.49E+02	-3.42E-02	-8.31E-01
1.03E+02	-9.30E+01	1.49E+02	-2.69E-02	-8.23E-01
1.03E+02	-9.30E+01	1.49E+02	-2.20E-02	-8.27E-01
1.03E+02	-9.30E+01	1.49E+02	-2.44E-02	-8.30E-01
1.03E+02	-9.30E+01	1.49E+02	-2.08E-02	-8.27E-01
1.04E+02	-9.30E+01	1.49E+02	-3.66E-03	-8.22E-01
1.04E+02	-9.30E+01	1.49E+02	1.22E-03	-8.20E-01
1.04E+02	-9.30E+01	1.49E+02	-1.10E-02	-8.21E-01
1.04E+02	-9.30E+01	1.49E+02	-1.46E-02	-8.29E-01
1.04E+02	-9.30E+01	1.49E+02	-1.95E-02	-8.16E-01
1.04E+02	-9.30E+01	1.49E+02	-4.88E-03	-8.10E-01
1.04E+02	-9.30E+01	1.49E+02	7.32E-03	-8.14E-01
1.04E+02	-9.30E+01	1.49E+02	-2.08E-02	-8.14E-01
1.04E+02	-9.30E+01	1.49E+02	-1.46E-02	-8.00E-01
1.04E+02	-9.30E+01	1.49E+02	-1.22E-02	-8.11E-01
1.04E+02	-9.30E+01	1.49E+02	-7.32E-03	-8.05E-01
1.04E+02	-9.30E+01	1.49E+02	0.00E+00	-8.09E-01
1.04E+02	-9.30E+01	1.49E+02	3.66E-03	-8.05E-01
1.04E+02	-9.30E+01	1.49E+02	-1.22E-02	-7.94E-01
1.04E+02	-9.30E+01	1.49E+02	-2.44E-03	-7.95E-01
1.04E+02	-9.30E+01	1.49E+02	-2.08E-02	-7.98E-01
1.04E+02	-9.30E+01	1.49E+02	-4.88E-03	-7.87E-01
1.04E+02	-9.30E+01	1.49E+02	2.44E-03	-7.97E-01
1.04E+02	-9.30E+01	1.49E+02	-1.95E-02	-8.07E-01
1.04E+02	-9.30E+01	1.49E+02	-4.03E-02	-7.99E-01
1.04E+02	-9.30E+01	1.49E+02	-2.20E-02	-7.90E-01
1.04E+02	-9.30E+01	1.49E+02	-4.39E-02	-7.82E-01
1.04E+02	-9.30E+01	1.49E+02	-2.20E-02	-7.80E-01
1.04E+02	-9.30E+01	1.49E+02	-2.44E-02	-7.74E-01
1.04E+02	-9.30E+01	1.49E+02	-1.83E-02	-7.81E-01
1.04E+02	-9.30E+01	1.49E+02	-2.44E-03	-7.74E-01

1.04E+02	-9.30E+01	1.49E+02	-3.42E-02	-7.82E-01
1.04E+02	-9.30E+01	1.49E+02	2.44E-03	-7.65E-01
1.04E+02	-9.30E+01	1.49E+02	-1.95E-02	-7.53E-01
1.04E+02	-9.30E+01	1.49E+02	-1.95E-02	-7.58E-01
1.04E+02	-9.30E+01	1.49E+02	-7.32E-03	-7.60E-01
1.04E+02	-9.30E+01	1.49E+02	-2.20E-02	-7.71E-01
1.04E+02	-9.30E+01	1.49E+02	-1.71E-02	-7.54E-01
1.04E+02	-9.30E+01	1.49E+02	-1.71E-02	-7.62E-01
1.04E+02	-9.30E+01	1.49E+02	-1.34E-02	-7.52E-01
1.04E+02	-9.30E+01	1.49E+02	-1.95E-02	-7.57E-01
1.04E+02	-9.30E+01	1.49E+02	-2.69E-02	-7.50E-01
1.04E+02	-9.30E+01	1.49E+02	-2.93E-02	-7.49E-01
1.04E+02	-9.30E+01	1.49E+02	-1.59E-02	-7.49E-01
1.04E+02	-9.30E+01	1.49E+02	-1.59E-02	-7.41E-01
1.04E+02	-9.30E+01	1.49E+02	-1.22E-02	-7.47E-01
1.04E+02	-9.30E+01	1.49E+02	-4.88E-02	-7.48E-01
1.04E+02	-9.30E+01	1.49E+02	-1.71E-02	-7.39E-01
1.04E+02	-9.30E+01	1.49E+02	-4.88E-03	-7.30E-01
1.04E+02	-9.30E+01	1.49E+02	2.20E-02	-7.35E-01
1.04E+02	-9.30E+01	1.49E+02	-1.95E-02	-7.42E-01
1.04E+02	-9.30E+01	1.49E+02	-2.44E-02	-7.27E-01
1.04E+02	-9.30E+01	1.49E+02	-3.05E-02	-7.33E-01
1.04E+02	-9.30E+01	1.49E+02	-2.32E-02	-7.27E-01
1.04E+02	-9.30E+01	1.49E+02	1.22E-02	-7.24E-01
1.05E+02	-9.30E+01	1.49E+02	-1.22E-02	-7.30E-01
1.05E+02	-9.30E+01	1.49E+02	-7.32E-03	-7.28E-01
1.05E+02	-9.30E+01	1.49E+02	-3.66E-03	-7.27E-01
1.05E+02	-9.30E+01	1.49E+02	-2.44E-03	-7.19E-01
1.05E+02	-9.30E+01	1.49E+02	-2.93E-02	-7.17E-01
1.05E+02	-9.30E+01	1.49E+02	0.00E+00	-7.24E-01
1.05E+02	-9.30E+01	1.49E+02	2.69E-02	-7.24E-01
1.05E+02	-9.30E+01	1.49E+02	2.44E-03	-7.19E-01
1.05E+02	-9.30E+01	1.49E+02	-9.77E-03	-7.18E-01
1.05E+02	-9.30E+01	1.49E+02	2.44E-02	-7.17E-01
1.05E+02	-9.30E+01	1.49E+02	4.88E-03	-7.20E-01
1.05E+02	-9.30E+01	1.49E+02	3.66E-02	-7.08E-01
1.05E+02	-9.30E+01	1.49E+02	-8.54E-03	-7.22E-01
1.05E+02	-9.30E+01	1.49E+02	-1.46E-02	-7.18E-01
1.05E+02	-9.30E+01	1.49E+02	7.32E-03	-7.04E-01
1.05E+02	-9.30E+01	1.49E+02	-7.32E-03	-7.09E-01
1.05E+02	-9.30E+01	1.49E+02	3.42E-02	-7.13E-01
1.05E+02	-9.30E+01	1.49E+02	4.88E-03	-7.04E-01
1.05E+02	-9.30E+01	1.49E+02	-1.22E-02	-7.01E-01
1.05E+02	-9.30E+01	1.49E+02	2.69E-02	-6.88E-01
1.05E+02	-9.30E+01	1.49E+02	2.44E-03	-6.96E-01
1.05E+02	-9.30E+01	1.49E+02	1.10E-02	-6.97E-01
1.05E+02	-9.30E+01	1.49E+02	-4.88E-03	-7.02E-01

1.05E+02	-9.30E+01	1.49E+02	-4.88E-03	-6.95E-01
1.05E+02	-9.30E+01	1.49E+02	2.44E-02	-6.95E-01
1.05E+02	-9.30E+01	1.49E+02	-6.10E-03	-6.99E-01
1.05E+02	-9.30E+01	1.49E+02	4.88E-03	-6.90E-01
1.05E+02	-9.30E+01	1.48E+02	2.44E-03	-6.90E-01
1.05E+02	-9.30E+01	1.49E+02	-8.54E-03	-6.78E-01
1.05E+02	-9.30E+01	1.49E+02	-9.77E-03	-6.75E-01
1.05E+02	-9.30E+01	1.49E+02	-6.10E-03	-6.77E-01
1.05E+02	-9.30E+01	1.49E+02	0.00E+00	-6.75E-01
1.05E+02	-9.30E+01	1.49E+02	-4.88E-03	-6.73E-01
1.05E+02	-9.30E+01	1.49E+02	-9.77E-03	-6.76E-01
1.05E+02	-9.30E+01	1.49E+02	-1.22E-02	-6.68E-01
1.05E+02	-9.30E+01	1.49E+02	-4.88E-03	-6.76E-01
1.05E+02	-9.30E+01	1.49E+02	-2.44E-03	-6.68E-01
1.05E+02	-9.30E+01	1.49E+02	-2.44E-03	-6.66E-01
1.05E+02	-9.30E+01	1.49E+02	-7.32E-03	-6.57E-01
1.05E+02	-9.30E+01	1.49E+02	-4.39E-02	-6.68E-01
1.05E+02	-9.30E+01	1.49E+02	-2.56E-02	-6.81E-01
1.05E+02	-9.30E+01	1.49E+02	-2.44E-02	-6.57E-01
1.05E+02	-9.30E+01	1.49E+02	-5.86E-02	-6.59E-01
1.05E+02	-9.30E+01	1.48E+02	-2.93E-02	-6.70E-01
1.05E+02	-9.30E+01	1.48E+02	-7.32E-03	-6.68E-01
1.05E+02	-9.30E+01	1.49E+02	-3.78E-02	-6.50E-01
1.05E+02	-9.30E+01	1.49E+02	-4.52E-02	-6.58E-01
1.05E+02	-9.30E+01	1.48E+02	-3.17E-02	-6.57E-01
1.05E+02	-9.30E+01	1.48E+02	-3.17E-02	-6.67E-01
1.05E+02	-9.30E+01	1.48E+02	-1.71E-02	-6.63E-01
1.06E+02	-9.30E+01	1.48E+02	-1.95E-02	-6.61E-01
1.06E+02	-9.30E+01	1.48E+02	-2.44E-03	-6.53E-01
1.06E+02	-9.30E+01	1.48E+02	4.88E-03	-6.56E-01
1.06E+02	-9.30E+01	1.49E+02	-2.93E-02	-6.57E-01
1.06E+02	-9.30E+01	1.49E+02	-1.46E-02	-6.45E-01
1.06E+02	-9.30E+01	1.48E+02	-4.88E-03	-6.46E-01
1.06E+02	-9.30E+01	1.48E+02	-1.71E-02	-6.38E-01
1.06E+02	-9.30E+01	1.48E+02	2.44E-03	-6.38E-01
1.06E+02	-9.30E+01	1.49E+02	-3.17E-02	-6.43E-01
1.06E+02	-9.30E+01	1.48E+02	-1.46E-02	-6.36E-01
1.06E+02	-9.30E+01	1.48E+02	-2.44E-03	-6.33E-01
1.06E+02	-9.30E+01	1.48E+02	-9.77E-03	-6.37E-01
1.06E+02	-9.30E+01	1.48E+02	0.00E+00	-6.34E-01
1.06E+02	-9.30E+01	1.49E+02	-1.46E-02	-6.27E-01
1.06E+02	-9.30E+01	1.48E+02	-1.10E-02	-6.20E-01
1.06E+02	-9.30E+01	1.48E+02	-7.32E-03	-6.28E-01
1.06E+02	-9.30E+01	1.49E+02	-2.20E-02	-6.21E-01
1.06E+02	-9.30E+01	1.48E+02	-1.10E-02	-6.18E-01
1.06E+02	-9.30E+01	1.48E+02	-2.69E-02	-6.16E-01
1.06E+02	-9.30E+01	1.48E+02	-1.83E-02	-6.12E-01

1.06E+02	-9.30E+01	1.49E+02	-2.44E-02	-6.06E-01
1.06E+02	-9.30E+01	1.49E+02	-5.49E-02	-6.19E-01
1.06E+02	-9.30E+01	1.48E+02	-3.66E-02	-6.14E-01
1.06E+02	-9.30E+01	1.49E+02	-5.13E-02	-6.06E-01
1.06E+02	-9.30E+01	1.49E+02	-3.42E-02	-6.18E-01
1.06E+02	-9.30E+01	1.48E+02	-3.42E-02	-6.13E-01
1.06E+02	-9.30E+01	1.48E+02	-5.49E-02	-6.12E-01
1.06E+02	-9.30E+01	1.48E+02	-2.81E-02	-6.03E-01
1.06E+02	-9.30E+01	1.48E+02	-3.66E-02	-6.21E-01
1.06E+02	-9.30E+01	1.48E+02	-1.95E-02	-6.12E-01
1.06E+02	-9.30E+01	1.48E+02	-1.95E-02	-6.11E-01
1.06E+02	-9.30E+01	1.48E+02	-1.22E-02	-6.02E-01
1.06E+02	-9.30E+01	1.48E+02	-9.77E-03	-5.99E-01
1.06E+02	-9.30E+01	1.48E+02	-1.71E-02	-6.05E-01
1.06E+02	-9.30E+01	1.48E+02	-2.56E-02	-6.03E-01
1.06E+02	-9.30E+01	1.48E+02	-2.81E-02	-5.91E-01
1.06E+02	-9.30E+01	1.48E+02	-4.88E-03	-5.92E-01
1.06E+02	-9.30E+01	1.48E+02	-7.32E-03	-5.88E-01
1.06E+02	-9.30E+01	1.48E+02	-7.32E-03	-5.97E-01
1.06E+02	-9.30E+01	1.48E+02	-3.17E-02	-5.94E-01
1.06E+02	-9.30E+01	1.48E+02	-1.46E-02	-5.71E-01
1.06E+02	-9.30E+01	1.48E+02	7.32E-03	-5.83E-01
1.06E+02	-9.30E+01	1.48E+02	2.44E-03	-5.70E-01
1.06E+02	-9.30E+01	1.48E+02	-7.32E-03	-5.84E-01
1.06E+02	-9.30E+01	1.48E+02	-4.88E-03	-5.83E-01
1.06E+02	-9.30E+01	1.48E+02	-1.22E-02	-5.91E-01
1.06E+02	-9.30E+01	1.48E+02	-9.77E-03	-5.78E-01
1.06E+02	-9.30E+01	1.48E+02	-4.88E-03	-5.80E-01
1.06E+02	-9.30E+01	1.48E+02	-4.88E-03	-5.73E-01
1.06E+02	-9.30E+01	1.48E+02	-4.88E-03	-5.75E-01
1.07E+02	-9.30E+01	1.48E+02	-4.88E-03	-5.71E-01
1.07E+02	-9.30E+01	1.48E+02	-1.46E-02	-5.71E-01
1.07E+02	-9.30E+01	1.48E+02	-2.44E-03	-5.73E-01
1.07E+02	-9.30E+01	1.48E+02	-1.71E-02	-5.69E-01
1.07E+02	-9.30E+01	1.48E+02	-1.59E-02	-5.63E-01
1.07E+02	-9.30E+01	1.48E+02	-7.32E-03	-5.61E-01
1.07E+02	-9.30E+01	1.48E+02	-3.17E-02	-5.61E-01
1.07E+02	-9.30E+01	1.48E+02	-1.71E-02	-5.60E-01
1.07E+02	-9.30E+01	1.48E+02	-3.42E-02	-5.58E-01
1.07E+02	-9.30E+01	1.48E+02	-1.34E-02	-5.58E-01
1.07E+02	-9.30E+01	1.48E+02	9.77E-03	-5.42E-01
1.07E+02	-9.30E+01	1.48E+02	-2.20E-02	-5.54E-01
1.07E+02	-9.30E+01	1.48E+02	-7.32E-03	-5.49E-01
1.07E+02	-9.30E+01	1.48E+02	-2.81E-02	-5.59E-01
1.07E+02	-9.30E+01	1.47E+02	-1.22E-02	-5.56E-01
1.07E+02	-9.30E+01	1.48E+02	2.44E-03	-5.46E-01
1.07E+02	-9.30E+01	1.48E+02	-1.46E-02	-5.43E-01

1.07E+02	-9.30E+01	1.48E+02	-2.44E-03	-5.47E-01
1.07E+02	-9.30E+01	1.48E+02	0.00E+00	-5.38E-01
1.07E+02	-9.30E+01	1.48E+02	-4.88E-03	-5.30E-01
1.07E+02	-9.30E+01	1.48E+02	-4.88E-03	-5.28E-01
1.07E+02	-9.30E+01	1.48E+02	1.22E-03	-5.30E-01
1.07E+02	-9.30E+01	1.48E+02	-1.10E-02	-5.29E-01
1.07E+02	-9.30E+01	1.48E+02	-3.66E-03	-5.23E-01
1.07E+02	-9.30E+01	1.48E+02	-9.77E-03	-5.22E-01
1.07E+02	-9.30E+01	1.48E+02	-8.54E-03	-5.18E-01
1.07E+02	-9.30E+01	1.48E+02	4.88E-03	-5.21E-01
1.07E+02	-9.30E+01	1.47E+02	-3.66E-03	-5.11E-01
1.07E+02	-9.30E+01	1.47E+02	2.44E-03	-5.16E-01
1.07E+02	-9.30E+01	1.48E+02	-8.54E-03	-5.18E-01
1.07E+02	-9.30E+01	1.48E+02	9.77E-03	-5.06E-01
1.07E+02	-9.30E+01	1.48E+02	-1.71E-02	-5.16E-01
1.07E+02	-9.30E+01	1.47E+02	1.46E-02	-5.09E-01
1.07E+02	-9.30E+01	1.47E+02	8.54E-03	-5.06E-01
1.07E+02	-9.30E+01	1.48E+02	-8.54E-03	-4.87E-01
1.07E+02	-9.30E+01	1.48E+02	-1.22E-02	-4.96E-01
1.07E+02	-9.30E+01	1.48E+02	-1.22E-02	-5.02E-01
1.07E+02	-9.30E+01	1.47E+02	0.00E+00	-5.10E-01
1.07E+02	-9.30E+01	1.47E+02	-2.32E-02	-4.97E-01
1.07E+02	-9.30E+01	1.47E+02	-7.32E-03	-5.05E-01
1.07E+02	-9.30E+01	1.47E+02	-1.95E-02	-4.89E-01
1.07E+02	-9.30E+01	1.47E+02	1.22E-03	-4.95E-01
1.07E+02	-9.30E+01	1.47E+02	-7.32E-03	-5.00E-01
1.07E+02	-9.30E+01	1.47E+02	-1.22E-02	-4.90E-01
1.07E+02	-9.30E+01	1.47E+02	-7.32E-03	-4.79E-01
1.07E+02	-9.30E+01	1.47E+02	2.44E-03	-4.83E-01
1.07E+02	-9.30E+01	1.47E+02	1.22E-03	-4.89E-01
1.07E+02	-9.30E+01	1.47E+02	4.88E-03	-4.94E-01
1.07E+02	-9.30E+01	1.47E+02	-7.32E-03	-4.92E-01
1.07E+02	-9.30E+01	1.46E+02	-1.22E-02	-4.98E-01
1.08E+02	-9.30E+01	1.47E+02	8.54E-03	-4.83E-01
1.08E+02	-9.30E+01	1.47E+02	-1.10E-02	-4.85E-01
1.08E+02	-9.30E+01	1.47E+02	-1.95E-02	-4.94E-01
1.08E+02	-9.30E+01	1.47E+02	-2.08E-02	-4.88E-01
1.08E+02	-9.30E+01	1.47E+02	-2.44E-02	-4.84E-01
1.08E+02	-9.30E+01	1.46E+02	-4.52E-02	-4.92E-01
1.08E+02	-9.30E+01	1.46E+02	-2.81E-02	-4.80E-01
1.08E+02	-9.30E+01	1.46E+02	4.88E-03	-4.75E-01
1.08E+02	-9.30E+01	1.46E+02	-2.20E-02	-4.73E-01
1.08E+02	-9.30E+01	1.46E+02	-2.69E-02	-4.70E-01
1.08E+02	-9.30E+01	1.46E+02	-2.20E-02	-4.74E-01
1.08E+02	-9.30E+01	1.46E+02	-2.56E-02	-4.75E-01
1.08E+02	-9.30E+01	1.46E+02	-4.27E-02	-4.70E-01
1.08E+02	-9.30E+01	1.46E+02	-1.95E-02	-4.71E-01

1.08E+02	-9.30E+01	1.46E+02	-2.93E-02	-4.66E-01
1.08E+02	-9.30E+01	1.45E+02	-2.20E-02	-4.66E-01
1.08E+02	-9.30E+01	1.46E+02	-1.83E-02	-4.50E-01
1.08E+02	-9.30E+01	1.45E+02	-2.08E-02	-4.62E-01
1.08E+02	-9.30E+01	1.45E+02	-4.88E-03	-4.61E-01
1.08E+02	-9.30E+01	1.45E+02	-2.20E-02	-4.72E-01
1.08E+02	-9.30E+01	1.45E+02	-1.22E-03	-4.57E-01
1.08E+02	-9.30E+01	1.45E+02	-2.32E-02	-4.67E-01
1.08E+02	-9.30E+01	1.45E+02	-4.88E-03	-4.50E-01
1.08E+02	-9.30E+01	1.45E+02	-1.71E-02	-4.54E-01
1.08E+02	-9.30E+01	1.45E+02	-1.46E-02	-4.67E-01
1.08E+02	-9.30E+01	1.44E+02	-3.42E-02	-4.48E-01
1.08E+02	-9.30E+01	1.44E+02	-2.56E-02	-4.45E-01
1.08E+02	-9.30E+01	1.44E+02	-1.22E-02	-4.43E-01
1.08E+02	-9.30E+01	1.44E+02	-2.44E-02	-4.48E-01
1.08E+02	-9.30E+01	1.44E+02	-2.93E-02	-4.49E-01
1.08E+02	-9.30E+01	1.44E+02	-2.93E-02	-4.40E-01
1.08E+02	-9.30E+01	1.44E+02	-2.69E-02	-4.41E-01
1.08E+02	-9.30E+01	1.43E+02	7.32E-03	-4.25E-01
1.08E+02	-9.30E+01	1.43E+02	-1.59E-02	-4.36E-01
1.08E+02	-9.30E+01	1.43E+02	-1.95E-02	-4.33E-01
1.08E+02	-9.30E+01	1.43E+02	-3.17E-02	-4.31E-01
1.08E+02	-9.30E+01	1.43E+02	-2.69E-02	-4.28E-01
1.08E+02	-9.30E+01	1.43E+02	-7.32E-03	-4.24E-01
1.08E+02	-9.30E+01	1.42E+02	-2.69E-02	-4.27E-01
1.08E+02	-9.30E+01	1.43E+02	-3.17E-02	-4.22E-01
1.08E+02	-9.30E+01	1.43E+02	-3.54E-02	-4.17E-01
1.08E+02	-9.30E+01	1.43E+02	-4.15E-02	-4.09E-01
1.08E+02	-9.30E+01	1.42E+02	-2.44E-02	-4.16E-01
1.08E+02	-9.30E+01	1.42E+02	-2.69E-02	-4.19E-01
1.08E+02	-9.30E+01	1.42E+02	-3.17E-02	-4.22E-01
1.08E+02	-9.30E+01	1.42E+02	-3.78E-02	-4.11E-01
1.08E+02	-9.30E+01	1.42E+02	-2.44E-02	-3.99E-01
1.08E+02	-9.30E+01	1.42E+02	-3.42E-02	-3.98E-01
1.08E+02	-9.30E+01	1.42E+02	-1.83E-02	-3.87E-01
1.08E+02	-9.30E+01	1.42E+02	-2.69E-02	-3.94E-01
1.09E+02	-9.30E+01	1.41E+02	-1.95E-02	-3.93E-01
1.09E+02	-9.30E+01	1.41E+02	-1.95E-02	-3.85E-01
1.09E+02	-9.30E+01	1.41E+02	-9.77E-03	-3.88E-01
1.09E+02	-9.30E+01	1.41E+02	-7.32E-03	-3.93E-01
1.09E+02	-9.30E+01	1.41E+02	4.88E-03	-3.77E-01
1.09E+02	-9.30E+01	1.41E+02	-9.77E-03	-3.85E-01
1.09E+02	-9.30E+01	1.40E+02	-1.46E-02	-4.00E-01
1.09E+02	-9.30E+01	1.40E+02	1.22E-02	-3.83E-01
1.09E+02	-9.30E+01	1.40E+02	-1.46E-02	-3.83E-01
1.09E+02	-9.30E+01	1.40E+02	-9.77E-03	-3.77E-01
1.09E+02	-9.30E+01	1.40E+02	-9.77E-03	-3.72E-01

1.09E+02	-9.30E+01	1.40E+02	-4.03E-02	-3.77E-01
1.09E+02	-9.30E+01	1.40E+02	-4.15E-02	-3.74E-01
1.09E+02	-9.30E+01	1.40E+02	-1.95E-02	-3.70E-01
1.09E+02	-9.30E+01	1.40E+02	-1.46E-02	-3.64E-01
1.09E+02	-9.30E+01	1.39E+02	-1.59E-02	-3.72E-01
1.09E+02	-9.30E+01	1.40E+02	0.00E+00	-3.62E-01
1.09E+02	-9.30E+01	1.40E+02	-3.42E-02	-3.64E-01
1.09E+02	-9.30E+01	1.39E+02	-1.95E-02	-3.65E-01
1.09E+02	-9.30E+01	1.39E+02	-9.77E-03	-3.48E-01
1.09E+02	-9.30E+01	1.39E+02	-2.44E-02	-3.57E-01
1.09E+02	-9.30E+01	1.39E+02	-3.66E-02	-3.51E-01
1.09E+02	-9.30E+01	1.39E+02	-4.03E-02	-3.56E-01
1.09E+02	-9.30E+01	1.39E+02	-3.42E-02	-3.63E-01
1.09E+02	-9.30E+01	1.39E+02	-2.44E-02	-3.68E-01
1.09E+02	-9.30E+01	1.38E+02	-3.05E-02	-3.69E-01
1.09E+02	-9.30E+01	1.38E+02	-1.95E-02	-3.55E-01
1.09E+02	-9.30E+01	1.37E+02	-1.22E-02	-3.58E-01
1.09E+02	-9.30E+01	1.38E+02	-1.59E-02	-3.46E-01
1.09E+02	-9.30E+01	1.38E+02	-2.32E-02	-3.62E-01
1.09E+02	-9.30E+01	1.37E+02	-2.32E-02	-3.55E-01
1.09E+02	-9.30E+01	1.37E+02	-3.42E-02	-3.54E-01
1.09E+02	-9.30E+01	1.37E+02	-7.32E-03	-3.50E-01
1.09E+02	-9.30E+01	1.38E+02	-2.44E-03	-3.55E-01
1.09E+02	-9.30E+01	1.38E+02	-1.46E-02	-3.50E-01
1.09E+02	-9.30E+01	1.36E+02	-7.32E-03	-3.36E-01
1.09E+02	-9.30E+01	1.35E+02	8.54E-03	-3.39E-01
1.09E+02	-9.30E+01	1.36E+02	2.44E-03	-3.40E-01
1.09E+02	-9.30E+01	1.38E+02	2.44E-03	-3.33E-01
1.09E+02	-9.30E+01	1.37E+02	-9.77E-03	-3.31E-01
1.09E+02	-9.30E+01	1.36E+02	-7.32E-03	-3.25E-01
1.09E+02	-9.30E+01	1.37E+02	3.17E-02	-3.19E-01
1.09E+02	-9.30E+01	1.38E+02	3.66E-03	-3.23E-01
1.09E+02	-9.30E+01	1.37E+02	-2.20E-02	-3.39E-01
1.09E+02	-9.30E+01	1.36E+02	-4.88E-03	-3.28E-01
1.09E+02	-9.30E+01	1.36E+02	-1.46E-02	-3.19E-01
1.09E+02	-9.30E+01	1.36E+02	9.77E-03	-3.21E-01
1.09E+02	-9.30E+01	1.36E+02	-8.54E-03	-3.29E-01
1.09E+02	-9.30E+01	1.36E+02	-9.77E-03	-3.27E-01
1.09E+02	-9.30E+01	1.36E+02	-1.34E-02	-3.22E-01
1.10E+02	-9.30E+01	1.36E+02	-6.10E-03	-3.14E-01
1.10E+02	-9.30E+01	1.36E+02	-2.20E-02	-3.18E-01
1.10E+02	-9.30E+01	1.36E+02	7.32E-03	-3.26E-01
1.10E+02	-9.30E+01	1.36E+02	0.00E+00	-3.19E-01
1.10E+02	-9.30E+01	1.36E+02	-2.44E-02	-3.12E-01
1.10E+02	-9.30E+01	1.36E+02	-1.71E-02	-3.25E-01
1.10E+02	-9.30E+01	1.36E+02	1.22E-02	-3.08E-01
1.10E+02	-9.30E+01	1.36E+02	2.44E-03	-3.20E-01

1.10E+02	-9.30E+01	1.35E+02	-2.44E-03	-3.08E-01
1.10E+02	-9.30E+01	1.35E+02	-1.22E-02	-3.11E-01
1.10E+02	-9.30E+01	1.35E+02	-1.46E-02	-3.05E-01
1.10E+02	-9.30E+01	1.36E+02	-1.10E-02	-3.01E-01
1.10E+02	-9.30E+01	1.35E+02	2.44E-03	-3.02E-01
1.10E+02	-9.30E+01	1.35E+02	1.71E-02	-3.03E-01
1.10E+02	-9.30E+01	1.35E+02	-1.71E-02	-3.01E-01
1.10E+02	-9.30E+01	1.35E+02	-3.91E-02	-2.94E-01
1.10E+02	-9.30E+01	1.36E+02	-1.95E-02	-2.92E-01
1.10E+02	-9.30E+01	1.35E+02	-2.44E-02	-2.98E-01
1.10E+02	-9.30E+01	1.35E+02	-2.44E-03	-2.90E-01
1.10E+02	-9.30E+01	1.35E+02	-2.69E-02	-2.95E-01
1.10E+02	-9.30E+01	1.35E+02	-2.32E-02	-2.88E-01
1.10E+02	-9.30E+01	1.35E+02	-3.17E-02	-2.84E-01
1.10E+02	-9.30E+01	1.35E+02	-1.22E-02	-2.86E-01
1.10E+02	-9.30E+01	1.35E+02	2.44E-03	-2.87E-01
1.10E+02	-9.30E+01	1.35E+02	-1.83E-02	-2.83E-01
1.10E+02	-9.30E+01	1.35E+02	-2.20E-02	-2.76E-01
1.10E+02	-9.30E+01	1.35E+02	-2.44E-02	-2.74E-01
1.10E+02	-9.30E+01	1.35E+02	9.77E-03	-2.72E-01
1.10E+02	-9.30E+01	1.35E+02	0.00E+00	-2.68E-01
1.10E+02	-9.30E+01	1.35E+02	-9.77E-03	-2.57E-01
1.10E+02	-9.30E+01	1.35E+02	2.44E-03	-2.58E-01
1.10E+02	-9.30E+01	1.35E+02	4.88E-03	-2.57E-01
1.10E+02	-9.30E+01	1.35E+02	-7.32E-03	-2.57E-01
1.10E+02	-9.30E+01	1.35E+02	-6.10E-03	-2.62E-01
1.10E+02	-9.30E+01	1.35E+02	-9.77E-03	-2.57E-01
1.10E+02	-9.30E+01	1.35E+02	-2.44E-02	-2.54E-01
1.10E+02	-9.30E+01	1.35E+02	-2.44E-03	-2.50E-01
1.10E+02	-9.30E+01	1.35E+02	-1.95E-02	-2.38E-01
1.10E+02	-9.30E+01	1.35E+02	-7.32E-03	-2.43E-01
1.10E+02	-9.30E+01	1.35E+02	-4.88E-03	-2.43E-01
1.10E+02	-9.30E+01	1.35E+02	-9.77E-03	-2.37E-01
1.10E+02	-9.30E+01	1.35E+02	1.22E-03	-2.42E-01
1.10E+02	-9.30E+01	1.35E+02	-1.71E-02	-2.41E-01
1.10E+02	-9.30E+01	1.35E+02	-1.83E-02	-2.33E-01
1.10E+02	-9.30E+01	1.35E+02	-1.71E-02	-2.35E-01
1.10E+02	-9.30E+01	1.35E+02	-3.17E-02	-2.42E-01
1.10E+02	-9.30E+01	1.36E+02	-3.42E-02	-2.42E-01
1.10E+02	-9.30E+01	1.36E+02	-3.42E-02	-2.32E-01
1.10E+02	-9.30E+01	1.35E+02	-3.42E-02	-2.35E-01
1.10E+02	-9.30E+01	1.35E+02	-1.22E-02	-2.45E-01
1.11E+02	-9.30E+01	1.35E+02	-1.22E-02	-2.35E-01
1.11E+02	-9.30E+01	1.36E+02	-3.66E-02	-2.39E-01
1.11E+02	-9.30E+01	1.35E+02	-2.93E-02	-2.25E-01
1.11E+02	-9.30E+01	1.35E+02	-2.56E-02	-2.31E-01
1.11E+02	-9.30E+01	1.36E+02	-3.42E-02	-2.27E-01

1.11E+02	-9.30E+01	1.36E+02	-2.93E-02	-2.33E-01
1.11E+02	-9.30E+01	1.36E+02	-3.17E-02	-2.29E-01
1.11E+02	-9.30E+01	1.35E+02	-3.54E-02	-2.25E-01
1.11E+02	-9.30E+01	1.36E+02	-2.44E-02	-2.19E-01
1.11E+02	-9.30E+01	1.36E+02	-4.15E-02	-2.17E-01
1.11E+02	-9.30E+01	1.36E+02	-2.20E-02	-2.25E-01
1.11E+02	-9.30E+01	1.36E+02	-3.05E-02	-2.22E-01
1.11E+02	-9.30E+01	1.36E+02	-3.17E-02	-2.15E-01
1.11E+02	-9.30E+01	1.36E+02	-2.32E-02	-2.11E-01
1.11E+02	-9.30E+01	1.36E+02	-2.44E-03	-2.22E-01
1.11E+02	-9.30E+01	1.36E+02	-3.17E-02	-2.16E-01
1.11E+02	-9.30E+01	1.36E+02	-2.93E-02	-2.09E-01
1.11E+02	-9.30E+01	1.36E+02	-3.78E-02	-2.01E-01
1.11E+02	-9.30E+01	1.36E+02	-3.42E-02	-1.94E-01
1.11E+02	-9.30E+01	1.36E+02	-2.20E-02	-1.96E-01
1.11E+02	-9.30E+01	1.36E+02	-3.05E-02	-1.98E-01
1.11E+02	-9.30E+01	1.36E+02	-2.93E-02	-1.98E-01
1.11E+02	-9.30E+01	1.36E+02	-3.42E-02	-1.92E-01
1.11E+02	-9.30E+01	1.36E+02	-3.42E-02	-2.01E-01
1.11E+02	-9.30E+01	1.37E+02	-2.93E-02	-1.92E-01
1.11E+02	-9.30E+01	1.36E+02	-3.91E-02	-1.87E-01
1.11E+02	-9.30E+01	1.36E+02	-2.20E-02	-1.96E-01
1.11E+02	-9.30E+01	1.36E+02	-2.44E-02	-1.82E-01
1.11E+02	-9.30E+01	1.37E+02	-2.93E-02	-1.80E-01
1.11E+02	-9.30E+01	1.37E+02	-7.32E-03	-1.72E-01
1.11E+02	-9.30E+01	1.37E+02	-9.77E-03	-1.79E-01
1.11E+02	-9.30E+01	1.36E+02	-1.71E-02	-1.80E-01
1.11E+02	-9.30E+01	1.36E+02	-4.88E-03	-1.73E-01
1.11E+02	-9.30E+01	1.37E+02	-9.77E-03	-1.73E-01
1.11E+02	-9.30E+01	1.37E+02	-3.78E-02	-1.76E-01
1.11E+02	-9.30E+01	1.37E+02	-4.88E-03	-1.68E-01
1.11E+02	-9.30E+01	1.37E+02	3.54E-02	-1.68E-01
1.11E+02	-9.30E+01	1.37E+02	7.32E-03	-1.70E-01
1.11E+02	-9.30E+01	1.37E+02	-1.22E-02	-1.70E-01
1.11E+02	-9.30E+01	1.37E+02	-1.83E-02	-1.56E-01
1.11E+02	-9.30E+01	1.37E+02	-6.10E-03	-1.44E-01
1.11E+02	-9.30E+01	1.37E+02	-4.88E-03	-1.61E-01
1.11E+02	-9.30E+01	1.37E+02	1.22E-03	-1.59E-01
1.11E+02	-9.30E+01	1.37E+02	-2.44E-03	-1.72E-01
1.11E+02	-9.30E+01	1.37E+02	1.22E-02	-1.47E-01
1.11E+02	-9.30E+01	1.37E+02	-7.32E-03	-1.36E-01
1.11E+02	-9.30E+01	1.37E+02	-6.10E-03	-1.54E-01
1.11E+02	-9.30E+01	1.37E+02	0.00E+00	-1.52E-01
1.11E+02	-9.30E+01	1.37E+02	-1.22E-02	-1.50E-01
1.11E+02	-9.30E+01	1.37E+02	-2.44E-03	-1.42E-01
1.12E+02	-9.30E+01	1.37E+02	0.00E+00	-1.35E-01
1.12E+02	-9.30E+01	1.37E+02	-1.46E-02	-1.45E-01

1.12E+02	-9.30E+01	1.37E+02	-4.88E-03	-1.37E-01
1.12E+02	-9.30E+01	1.37E+02	-2.69E-02	-1.41E-01
1.12E+02	-9.30E+01	1.37E+02	-2.44E-03	-1.30E-01
1.12E+02	-9.30E+01	1.37E+02	-4.88E-03	-1.32E-01
1.12E+02	-9.30E+01	1.37E+02	-9.77E-03	-1.36E-01
1.12E+02	-9.30E+01	1.38E+02	-1.34E-02	-1.30E-01
1.12E+02	-9.30E+01	1.37E+02	-3.54E-02	-1.25E-01
1.12E+02	-9.30E+01	1.37E+02	-2.20E-02	-1.25E-01
1.12E+02	-9.30E+01	1.37E+02	-2.93E-02	-1.29E-01
1.12E+02	-9.30E+01	1.38E+02	-2.44E-02	-1.25E-01
1.12E+02	-9.30E+01	1.37E+02	-3.91E-02	-1.25E-01
1.12E+02	-9.30E+01	1.37E+02	-3.05E-02	-1.19E-01
1.12E+02	-9.30E+01	1.37E+02	-2.20E-02	-1.19E-01
1.12E+02	-9.30E+01	1.37E+02	-1.46E-02	-1.23E-01
1.12E+02	-9.30E+01	1.38E+02	-5.13E-02	-1.22E-01
1.12E+02	-9.30E+01	1.37E+02	-3.78E-02	-1.30E-01
1.12E+02	-9.30E+01	1.37E+02	-3.17E-02	-1.17E-01
1.12E+02	-9.30E+01	1.37E+02	-2.69E-02	-1.21E-01
1.12E+02	-9.30E+01	1.37E+02	-3.78E-02	-1.24E-01
1.12E+02	-9.30E+01	1.37E+02	-3.54E-02	-1.16E-01
1.12E+02	-9.30E+01	1.37E+02	-2.69E-02	-1.14E-01
1.12E+02	-9.30E+01	1.37E+02	-3.66E-02	-1.10E-01
1.12E+02	-9.30E+01	1.37E+02	-2.56E-02	-1.13E-01

Current File	O:\Projects\914220~1\Data\UNITED~1\Ody1059.csv
Original File	C:\Data\9142OdysseyLiftGate\Ody1059.dx3
File descrip	9142 Honda Odyssey LiftGate liftgate - Esser
Project ID:	Project ID
File ID:	File ID
Test Date:	########
Test Time:	26:42.0
Current Da	########
Current Tin	8:53:37
Number of	4
Number of	5696
Independe	0.02
Independe	0
Independe	Sec

Time	Angle	Force	LiftgateMo	StrutCalDisplacement
Sec	Degrees	lbs	volts	inches
0.00E+00	-9.30E+01	3.02E-01	-9.77E-03	7.15E-03
2.00E-02	-9.30E+01	1.95E-01	-9.77E-03	6.30E-03
4.00E-02	-9.30E+01	7.28E-02	1.59E-02	-6.85E-03
6.00E-02	-9.30E+01	-1.41E-01	0.00E+00	-6.00E-03
8.00E-02	-9.30E+01	1.34E-01	-1.34E-02	-7.70E-03
1.00E-01	-9.30E+01	-1.41E-01	0.00E+00	-6.42E-03
1.20E-01	-9.30E+01	-2.33E-01	-1.46E-02	-6.00E-03
1.40E-01	-9.30E+01	-2.02E-01	-3.91E-02	-9.39E-03
1.60E-01	-9.30E+01	-8.01E-02	-1.46E-02	-5.15E-03
1.80E-01	-9.30E+01	4.22E-02	-3.17E-02	-8.54E-03
2.00E-01	-9.30E+01	-4.95E-02	-2.44E-02	-1.19E-02
2.20E-01	-9.30E+01	-1.11E-01	-2.20E-02	-6.85E-03
2.40E-01	-9.30E+01	2.26E-01	-2.93E-02	-2.18E-03
2.60E-01	-9.30E+01	1.19E-01	-2.20E-02	4.18E-03
2.80E-01	-9.30E+01	3.02E-01	-2.69E-02	4.18E-03
3.00E-01	-9.30E+01	3.17E-01	-1.59E-02	1.27E-02
3.20E-01	-9.30E+01	3.79E-01	-3.42E-02	-1.33E-03
3.40E-01	-9.30E+01	2.26E-01	-7.32E-03	-1.76E-03
3.60E-01	-9.30E+01	2.72E-01	-3.66E-03	5.88E-03
3.80E-01	-9.30E+01	3.17E-01	-6.10E-03	5.03E-03
4.00E-01	-9.30E+01	3.17E-01	2.44E-02	8.42E-03
4.20E-01	-9.30E+01	3.17E-01	4.88E-03	2.06E-03
4.40E-01	-9.30E+01	-1.90E-02	0.00E+00	3.65E-04
4.60E-01	-9.30E+01	2.69E-02	-1.22E-03	-5.97E-05
4.80E-01	-9.30E+01	1.95E-01	-2.44E-03	6.30E-03
5.00E-01	-9.30E+01	3.17E-01	-1.22E-03	5.88E-03
5.20E-01	-9.30E+01	5.75E-02	-2.44E-03	-1.76E-03
5.40E-01	-9.30E+01	1.95E-01	4.88E-03	-2.60E-03
5.60E-01	-9.30E+01	-1.11E-01	3.66E-03	-6.00E-03
5.80E-01	-9.30E+01	-4.95E-02	-4.88E-03	-3.88E-03
6.00E-01	-9.30E+01	-1.57E-01	-9.77E-03	-4.30E-03

6.20E-01	-9.30E+01	1.16E-02	-2.81E-02	-3.88E-03
6.40E-01	-9.30E+01	-8.01E-02	-1.71E-02	-7.27E-03
6.60E-01	-9.30E+01	-1.72E-01	-1.95E-02	-5.15E-03
6.80E-01	-9.30E+01	-4.95E-02	0.00E+00	-9.82E-03
7.00E-01	-9.30E+01	4.22E-02	-2.69E-02	-1.11E-02
7.20E-01	-9.30E+01	1.49E-01	-2.44E-02	-6.85E-03
7.40E-01	-9.30E+01	1.34E-01	-3.66E-02	7.89E-04
7.60E-01	-9.30E+01	2.41E-01	-2.81E-02	5.88E-03
7.80E-01	-9.30E+01	1.65E-01	-2.44E-03	5.88E-03
8.00E-01	-9.30E+01	1.49E-01	-1.46E-02	7.89E-04
8.20E-01	-9.30E+01	4.22E-02	-2.69E-02	4.18E-03
8.40E-01	-9.30E+01	3.79E-01	-2.44E-02	5.03E-03
8.60E-01	-9.30E+01	7.28E-02	-4.15E-02	7.58E-03
8.80E-01	-9.30E+01	2.41E-01	-1.46E-02	1.18E-02
9.00E-01	-9.30E+01	2.26E-01	-3.42E-02	1.18E-02
9.20E-01	-9.30E+01	2.56E-01	-6.10E-03	-1.76E-03
9.40E-01	-9.30E+01	1.95E-01	-1.22E-02	6.73E-03
9.60E-01	-9.30E+01	3.33E-01	8.54E-03	3.33E-03
9.80E-01	-9.30E+01	2.56E-01	-1.10E-02	5.45E-03
1.00E+00	-9.30E+01	4.22E-02	-7.32E-03	3.76E-03
1.02E+00	-9.30E+01	3.17E-01	9.77E-03	-9.08E-04
1.04E+00	-9.30E+01	-1.41E-01	9.77E-03	-3.45E-03
1.06E+00	-9.30E+01	-8.01E-02	-4.88E-03	-6.85E-03
1.08E+00	-9.30E+01	-1.41E-01	-1.22E-02	-1.28E-02
1.10E+00	-9.30E+01	1.65E-01	-1.71E-02	3.65E-04
1.12E+00	-9.30E+01	1.16E-02	-1.95E-02	-7.27E-03
1.14E+00	-9.30E+01	-4.95E-02	1.22E-03	-7.70E-03
1.16E+00	-9.30E+01	-8.01E-02	-1.71E-02	2.49E-03
1.18E+00	-9.30E+01	-2.64E-01	-1.95E-02	-1.19E-02
1.20E+00	-9.30E+01	-1.90E-02	-1.95E-02	-1.45E-02
1.22E+00	-9.30E+01	1.34E-01	-3.17E-02	-6.00E-03
1.24E+00	-9.30E+01	4.22E-02	-1.10E-02	3.76E-03
1.26E+00	-9.30E+01	-4.95E-02	-1.22E-02	-1.07E-02
1.28E+00	-9.30E+01	-1.41E-01	-2.32E-02	-1.58E-02
1.30E+00	-9.30E+01	1.16E-02	-2.44E-03	-7.27E-03
1.32E+00	-9.30E+01	1.34E-01	-3.17E-02	-2.18E-03
1.34E+00	-9.30E+01	1.80E-01	-3.91E-02	-7.70E-03
1.36E+00	-9.30E+01	1.34E-01	-2.20E-02	-9.08E-04
1.38E+00	-9.30E+01	4.22E-02	-3.05E-02	-6.42E-03
1.40E+00	-9.30E+01	1.16E-02	-2.20E-02	5.88E-03
1.42E+00	-9.30E+01	5.75E-02	-4.03E-02	4.18E-03
1.44E+00	-9.30E+01	1.65E-01	-2.08E-02	-6.00E-03
1.46E+00	-9.30E+01	4.24E-01	-1.10E-02	-3.45E-03
1.48E+00	-9.30E+01	7.28E-02	-4.88E-03	-7.70E-03
1.50E+00	-9.30E+01	1.03E-01	-2.93E-02	-7.70E-03
1.52E+00	-9.30E+01	2.69E-02	-4.03E-02	-1.76E-03
1.54E+00	-9.30E+01	3.33E-01	-4.88E-02	-1.76E-03

1.56E+00	-9.30E+01	1.95E-01	-2.81E-02	-3.88E-03
1.58E+00	-9.30E+01	5.75E-02	-1.71E-02	-1.32E-02
1.60E+00	-9.30E+01	-1.41E-01	-3.30E-02	-6.00E-03
1.62E+00	-9.30E+01	4.22E-02	-3.05E-02	-5.15E-03
1.64E+00	-9.30E+01	1.03E-01	-1.71E-02	-4.30E-03
1.66E+00	-9.30E+01	-3.67E-03	-1.95E-02	4.18E-03
1.68E+00	-9.30E+01	1.34E-01	-1.95E-02	-5.15E-03
1.70E+00	-9.30E+01	2.56E-01	-2.20E-02	-3.45E-03
1.72E+00	-9.30E+01	3.02E-01	-4.39E-02	-5.97E-05
1.74E+00	-9.30E+01	1.95E-01	-3.78E-02	1.01E-02
1.76E+00	-9.30E+01	3.17E-01	-1.95E-02	4.61E-03
1.78E+00	-9.30E+01	6.84E-01	-1.22E-03	5.45E-03
1.80E+00	-9.30E+01	2.87E-01	1.22E-03	2.91E-03
1.82E+00	-9.30E+01	3.17E-01	-1.22E-02	4.61E-03
1.84E+00	-9.30E+01	2.56E-01	-2.44E-03	7.89E-04
1.86E+00	-9.30E+01	-8.01E-02	0.00E+00	5.88E-03
1.88E+00	-9.30E+01	1.34E-01	-4.88E-03	-5.15E-03
1.90E+00	-9.30E+01	8.81E-02	-1.10E-02	5.45E-03
1.92E+00	-9.30E+01	-8.01E-02	8.54E-03	2.91E-03
1.94E+00	-9.30E+01	4.22E-02	-2.56E-02	-9.08E-04
1.96E+00	-9.30E+01	4.22E-02	2.44E-03	-4.84E-04
1.98E+00	-9.30E+01	1.19E-01	4.88E-03	1.56E-02
2.00E+00	-9.30E+01	-2.94E-01	9.77E-03	7.89E-04
2.02E+00	-9.30E+01	8.81E-02	1.10E-02	-6.00E-03
2.04E+00	-9.30E+01	1.65E-01	-1.59E-02	5.03E-03
2.06E+00	-9.30E+01	4.22E-02	-7.32E-03	-5.97E-05
2.08E+00	-9.30E+01	1.03E-01	6.10E-03	1.01E-02
2.10E+00	-9.30E+01	1.19E-01	7.32E-03	1.64E-03
2.12E+00	-9.30E+01	4.22E-02	1.22E-02	-5.97E-05
2.14E+00	-9.30E+01	-1.11E-01	-1.22E-03	-5.97E-05
2.16E+00	-9.30E+01	2.72E-01	-4.88E-03	4.18E-03
2.18E+00	-9.30E+01	2.87E-01	-6.10E-03	1.64E-03
2.20E+00	-9.30E+01	1.03E-01	-1.22E-03	1.01E-02
2.22E+00	-9.30E+01	1.65E-01	1.22E-02	5.45E-03
2.24E+00	-9.30E+01	1.49E-01	-4.88E-03	6.73E-03
2.26E+00	-9.30E+01	1.65E-01	1.59E-02	-9.08E-04
2.28E+00	-9.30E+01	2.56E-01	-4.88E-03	7.58E-03
2.30E+00	-9.30E+01	1.65E-01	9.77E-03	1.61E-02
2.32E+00	-9.30E+01	1.95E-01	0.00E+00	2.06E-03
2.34E+00	-9.30E+01	2.26E-01	-4.88E-03	5.88E-03
2.36E+00	-9.30E+01	2.26E-01	1.22E-02	9.27E-03
2.38E+00	-9.30E+01	2.56E-01	-1.34E-02	1.18E-02
2.40E+00	-9.30E+01	2.87E-01	-2.44E-03	3.33E-03
2.42E+00	-9.30E+01	-3.67E-03	-1.22E-02	4.61E-03
2.44E+00	-9.30E+01	2.72E-01	-1.95E-02	-5.15E-03
2.46E+00	-9.30E+01	1.65E-01	-1.71E-02	9.27E-03
2.48E+00	-9.30E+01	4.86E-01	-1.46E-02	1.27E-02

2.50E+00	-9.30E+01	1.80E-01	-3.91E-02	2.49E-03
2.52E+00	-9.30E+01	3.17E-01	-1.22E-02	-1.19E-02
2.54E+00	-9.30E+01	2.56E-01	-2.56E-02	8.42E-03
2.56E+00	-9.30E+01	4.09E-01	-9.77E-03	2.49E-03
2.58E+00	-9.30E+01	4.40E-01	-1.46E-02	5.03E-03
2.60E+00	-9.30E+01	3.17E-01	0.00E+00	5.88E-03
2.62E+00	-9.30E+01	1.95E-01	-1.10E-02	1.64E-03
2.64E+00	-9.30E+01	3.48E-01	-7.32E-03	3.33E-03
2.66E+00	-9.30E+01	2.87E-01	-1.22E-02	4.61E-03
2.68E+00	-9.30E+01	2.26E-01	-8.54E-03	1.18E-02
2.70E+00	-9.30E+01	-3.67E-03	-2.44E-03	-4.84E-04
2.72E+00	-9.30E+01	1.34E-01	7.32E-03	2.49E-03
2.74E+00	-9.30E+01	1.80E-01	2.44E-03	2.06E-03
2.76E+00	-9.30E+01	1.19E-01	9.77E-03	5.03E-03
2.78E+00	-9.30E+01	6.08E-01	-4.88E-03	8.85E-03
2.80E+00	-9.30E+01	1.03E-01	0.00E+00	8.42E-03
2.82E+00	-9.30E+01	1.03E-01	1.83E-02	-9.82E-03
2.84E+00	-9.30E+01	8.81E-02	-4.88E-03	6.73E-03
2.86E+00	-9.30E+01	2.26E-01	0.00E+00	2.49E-03
2.88E+00	-9.30E+01	4.22E-02	-4.88E-03	9.27E-03
2.90E+00	-9.30E+01	1.95E-01	-6.10E-03	4.18E-03
2.92E+00	-9.30E+01	1.03E-01	3.66E-03	1.64E-03
2.94E+00	-9.30E+01	2.26E-01	-2.44E-03	5.03E-03
2.96E+00	-9.30E+01	1.80E-01	1.10E-02	6.73E-03
2.98E+00	-9.30E+01	3.48E-01	0.00E+00	-4.73E-03
3.00E+00	-9.30E+01	2.87E-01	-1.22E-02	5.88E-03
3.02E+00	-9.30E+01	8.81E-02	3.66E-03	3.76E-03
3.04E+00	-9.30E+01	7.28E-02	0.00E+00	2.49E-03
3.06E+00	-9.30E+01	-1.11E-01	-4.88E-03	-1.33E-03
3.08E+00	-9.30E+01	5.75E-02	0.00E+00	6.73E-03
3.10E+00	-9.30E+01	-3.67E-03	-1.71E-02	3.65E-04
3.12E+00	-9.30E+01	2.69E-02	3.66E-03	-1.33E-03
3.14E+00	-9.30E+01	1.03E-01	3.66E-03	-3.03E-03
3.16E+00	-9.30E+01	-1.41E-01	-4.88E-03	7.89E-04
3.18E+00	-9.30E+01	3.02E-01	-2.44E-03	4.61E-03
3.20E+00	-9.30E+01	2.87E-01	4.88E-03	2.49E-03
3.22E+00	-9.30E+01	4.22E-02	-7.32E-03	-6.00E-03
3.24E+00	-9.30E+01	2.26E-01	-2.44E-02	1.21E-03
3.26E+00	-9.30E+01	1.95E-01	-1.22E-02	4.18E-03
3.28E+00	-9.30E+01	3.48E-01	0.00E+00	8.42E-03
3.30E+00	-9.30E+01	7.28E-02	-7.32E-03	-4.84E-04
3.32E+00	-9.30E+01	2.72E-01	-1.71E-02	7.58E-03
3.34E+00	-9.30E+01	4.22E-02	-1.59E-02	5.88E-03
3.36E+00	-9.30E+01	3.48E-01	-2.44E-02	-6.42E-03
3.38E+00	-9.30E+01	3.48E-01	-1.22E-02	9.27E-03
3.40E+00	-9.30E+01	3.02E-01	-1.22E-02	5.88E-03
3.42E+00	-9.30E+01	7.28E-02	0.00E+00	1.64E-03

3.44E+00	-9.30E+01	2.87E-01	-3.05E-02	1.05E-02
3.46E+00	-9.30E+01	3.79E-01	-2.44E-02	5.88E-03
3.48E+00	-9.30E+01	3.79E-01	-7.32E-03	7.58E-03
3.50E+00	-9.30E+01	2.56E-01	-6.10E-03	1.31E-02
3.52E+00	-9.30E+01	3.33E-01	-2.20E-02	2.49E-03
3.54E+00	-9.30E+01	2.87E-01	-3.30E-02	-1.76E-03
3.56E+00	-9.30E+01	4.24E-01	-5.98E-02	-6.00E-03
3.58E+00	-9.30E+01	7.28E-02	-2.69E-02	-3.45E-03
3.60E+00	-9.30E+01	2.69E-02	-3.17E-02	-5.15E-03
3.62E+00	-9.30E+01	4.40E-01	-4.15E-02	-5.15E-03
3.64E+00	-9.30E+01	1.03E-01	-1.95E-02	-4.30E-03
3.66E+00	-9.30E+01	1.03E-01	-1.71E-02	-8.54E-03
3.68E+00	-9.30E+01	2.41E-01	-2.81E-02	-7.70E-03
3.70E+00	-9.30E+01	8.81E-02	-3.91E-02	-8.54E-03
3.72E+00	-9.30E+01	7.28E-02	-2.20E-02	6.30E-03
3.74E+00	-9.30E+01	-4.95E-02	-2.44E-03	-7.27E-03
3.76E+00	-9.30E+01	3.02E-01	-3.17E-02	-1.15E-02
3.78E+00	-9.30E+01	-9.54E-02	-3.42E-02	-1.36E-02
3.80E+00	-9.30E+01	-1.41E-01	-2.20E-02	-8.54E-03
3.82E+00	-9.30E+01	-1.41E-01	-3.66E-02	-3.45E-03
3.84E+00	-9.30E+01	2.56E-01	-2.44E-02	-3.88E-03
3.86E+00	-9.30E+01	1.03E-01	-2.44E-02	5.03E-03
3.88E+00	-9.30E+01	1.19E-01	-1.83E-02	-6.85E-03
3.90E+00	-9.30E+01	-1.72E-01	-7.32E-03	-7.70E-03
3.92E+00	-9.30E+01	1.95E-01	-2.93E-02	-9.08E-04
3.94E+00	-9.30E+01	2.56E-01	-3.91E-02	1.64E-03
3.96E+00	-9.30E+01	6.38E-01	-1.95E-02	8.85E-03
3.98E+00	-9.30E+01	3.79E-01	-2.32E-02	3.33E-03
4.00E+00	-9.30E+01	1.65E-01	-2.32E-02	-5.15E-03
4.02E+00	-9.30E+01	2.26E-01	-4.39E-02	-1.33E-03
4.04E+00	-9.30E+01	-8.01E-02	-2.69E-02	7.58E-03
4.06E+00	-9.30E+01	3.17E-01	-2.69E-02	4.61E-03
4.08E+00	-9.30E+01	4.09E-01	-1.95E-02	-1.76E-03
4.10E+00	-9.30E+01	3.94E-01	-2.32E-02	-6.00E-03
4.12E+00	-9.30E+01	3.48E-01	-4.88E-03	6.73E-03
4.14E+00	-9.30E+01	2.26E-01	-2.93E-02	-9.08E-04
4.16E+00	-9.30E+01	3.79E-01	-7.32E-03	9.27E-03
4.18E+00	-9.30E+01	3.63E-01	-3.30E-02	6.73E-03
4.20E+00	-9.30E+01	3.17E-01	-9.77E-03	1.27E-02
4.22E+00	-9.30E+01	2.72E-01	-7.32E-03	3.33E-03
4.24E+00	-9.30E+01	4.09E-01	-1.71E-02	1.01E-02
4.26E+00	-9.30E+01	1.65E-01	-2.44E-03	-3.45E-03
4.28E+00	-9.30E+01	7.28E-02	-4.88E-03	6.73E-03
4.30E+00	-9.30E+01	1.03E-01	-9.77E-03	-2.60E-03
4.32E+00	-9.30E+01	4.09E-01	-2.69E-02	-4.30E-03
4.34E+00	-9.30E+01	-3.42E-02	-1.22E-02	-1.87E-02
4.36E+00	-9.30E+01	-3.67E-03	-1.59E-02	-1.11E-02

4.38E+00	-9.30E+01	-2.48E-01	-1.59E-02	-3.45E-03
4.40E+00	-9.30E+01	-6.48E-02	2.44E-03	-1.62E-02
4.42E+00	-9.30E+01	8.81E-02	-3.05E-02	1.64E-03
4.44E+00	-9.30E+01	1.34E-01	-2.69E-02	-6.00E-03
4.46E+00	-9.30E+01	1.03E-01	-3.17E-02	-2.60E-03
4.48E+00	-9.30E+01	2.72E-01	-1.22E-02	-1.96E-02
4.50E+00	-9.30E+01	3.33E-01	-2.20E-02	3.33E-03
4.52E+00	-9.30E+01	2.26E-01	-3.42E-02	3.65E-04
4.54E+00	-9.30E+01	3.63E-01	-3.66E-02	1.21E-03
4.56E+00	-9.30E+01	3.48E-01	-1.71E-02	4.61E-03
4.58E+00	-9.30E+01	4.09E-01	-1.95E-02	5.45E-03
4.60E+00	-9.30E+01	1.03E-01	-1.71E-02	4.18E-03
4.62E+00	-9.30E+01	2.87E-01	-3.17E-02	1.35E-02
4.64E+00	-9.30E+01	3.79E-01	-1.95E-02	6.73E-03
4.66E+00	-9.30E+01	3.63E-01	-9.77E-03	1.18E-02
4.68E+00	-9.30E+01	3.79E-01	-1.95E-02	8.00E-03
4.70E+00	-9.30E+01	1.34E-01	-3.66E-03	2.49E-03
4.72E+00	-9.30E+01	3.02E-01	-1.46E-02	2.49E-03
4.74E+00	-9.30E+01	1.65E-01	-7.32E-03	6.73E-03
4.76E+00	-9.30E+01	3.79E-01	0.00E+00	1.86E-02
4.78E+00	-9.30E+01	4.09E-01	-4.88E-03	8.42E-03
4.80E+00	-9.30E+01	2.56E-01	-7.32E-03	-5.97E-05
4.82E+00	-9.30E+01	3.17E-01	-2.08E-02	7.15E-03
4.84E+00	-9.30E+01	3.17E-01	-2.56E-02	1.27E-02
4.86E+00	-9.30E+01	4.24E-01	-9.77E-03	1.10E-02
4.88E+00	-9.30E+01	2.26E-01	-7.32E-03	5.88E-03
4.90E+00	-9.30E+01	3.48E-01	0.00E+00	9.27E-03
4.92E+00	-9.30E+01	6.84E-01	4.88E-03	3.33E-03
4.94E+00	-9.30E+01	3.17E-01	-9.77E-03	3.33E-03
4.96E+00	-9.30E+01	4.55E-01	-1.95E-02	8.42E-03
4.98E+00	-9.30E+01	5.62E-01	0.00E+00	1.01E-02
5.00E+00	-9.30E+01	2.56E-01	7.32E-03	-9.08E-04
5.02E+00	-9.30E+01	4.22E-02	-2.44E-03	7.89E-04
5.04E+00	-9.30E+01	1.80E-01	0.00E+00	5.03E-03
5.06E+00	-9.30E+01	5.62E-01	-2.44E-03	1.10E-02
5.08E+00	-9.30E+01	2.72E-01	-4.88E-03	4.61E-03
5.10E+00	-9.30E+01	2.87E-01	-7.32E-03	-9.08E-04
5.12E+00	-9.30E+01	1.65E-01	-7.32E-03	5.03E-03
5.14E+00	-9.30E+01	6.54E-01	-1.83E-02	2.91E-03
5.16E+00	-9.30E+01	1.08E+00	-1.22E-02	8.42E-03
5.18E+00	-9.30E+01	1.27E+00	-1.34E-02	2.06E-03
5.20E+00	-9.30E+01	8.37E-01	1.10E-02	6.73E-03
5.22E+00	-9.30E+01	9.75E-01	-1.71E-02	3.76E-03
5.24E+00	-9.30E+01	1.11E+00	-4.88E-03	7.58E-03
5.26E+00	-9.30E+01	1.14E+00	-1.71E-02	1.10E-02
5.28E+00	-9.30E+01	1.46E+00	4.88E-03	1.95E-02
5.30E+00	-9.30E+01	1.36E+00	2.44E-03	1.21E-03

5.32E+00	-9.30E+01	1.85E+00	-2.44E-03	1.64E-03
5.34E+00	-9.30E+01	1.82E+00	-3.66E-02	-1.33E-03
5.36E+00	-9.30E+01	1.65E+00	-9.77E-03	-3.45E-03
5.38E+00	-9.30E+01	2.34E+00	-1.83E-02	-6.85E-03
5.40E+00	-9.30E+01	5.06E+00	-1.83E-02	-1.28E-02
5.42E+00	-9.30E+01	1.17E+01	-2.20E-02	-1.75E-02
5.44E+00	-9.30E+01	2.32E+01	-4.52E-02	-1.53E-02
5.46E+00	-9.30E+01	3.53E+01	-1.46E-02	-1.53E-02
5.48E+00	-9.30E+01	4.88E+01	-2.56E-02	-2.47E-02
5.50E+00	-9.30E+01	6.28E+01	-9.77E-03	-3.87E-02
5.52E+00	-9.30E+01	7.88E+01	-8.54E-03	-3.23E-02
5.54E+00	-9.30E+01	9.57E+01	-2.44E-02	-3.74E-02
5.56E+00	-9.30E+01	1.13E+02	-1.95E-02	-5.27E-02
5.58E+00	-9.30E+01	1.32E+02	1.34E-02	-4.88E-02
5.60E+00	-9.30E+01	1.51E+02	-1.10E-02	-6.20E-02
5.62E+00	-9.30E+01	1.70E+02	-3.05E-02	-6.37E-02
5.64E+00	-9.30E+01	1.89E+02	-1.83E-02	-6.96E-02
5.66E+00	-9.30E+01	1.97E+02	-4.39E-02	-5.90E-02
5.68E+00	-9.30E+01	1.96E+02	-2.44E-03	-7.43E-02
5.70E+00	-9.30E+01	1.97E+02	2.44E-03	-8.91E-02
5.72E+00	-9.30E+01	1.99E+02	-7.32E-03	-8.83E-02
5.74E+00	-9.30E+01	2.00E+02	-3.66E-03	-1.04E-01
5.76E+00	-9.30E+01	2.00E+02	-2.20E-02	-9.25E-02
5.78E+00	-9.30E+01	2.00E+02	-7.32E-03	-9.51E-02
5.80E+00	-9.30E+01	2.00E+02	7.32E-03	-1.03E-01
5.82E+00	-9.30E+01	2.00E+02	-1.10E-02	-1.10E-01
5.84E+00	-9.30E+01	2.00E+02	-9.77E-03	-1.21E-01
5.86E+00	-9.30E+01	2.00E+02	-1.59E-02	-1.26E-01
5.88E+00	-9.30E+01	2.00E+02	-1.22E-02	-1.36E-01
5.90E+00	-9.30E+01	2.01E+02	-1.34E-02	-1.41E-01
5.92E+00	-9.30E+01	2.01E+02	-4.88E-03	-1.45E-01
5.94E+00	-9.30E+01	2.01E+02	-1.34E-02	-1.44E-01
5.96E+00	-9.30E+01	2.01E+02	-1.71E-02	-1.62E-01
5.98E+00	-9.30E+01	2.01E+02	-2.44E-02	-1.61E-01
6.00E+00	-9.30E+01	2.01E+02	-2.20E-02	-1.69E-01
6.02E+00	-9.30E+01	2.02E+02	-1.22E-03	-1.68E-01
6.04E+00	-9.30E+01	2.02E+02	-7.32E-03	-1.82E-01
6.06E+00	-9.30E+01	2.02E+02	-2.20E-02	-1.90E-01
6.08E+00	-9.30E+01	2.03E+02	-1.95E-02	-1.97E-01
6.10E+00	-9.30E+01	2.03E+02	2.44E-03	-1.99E-01
6.12E+00	-9.30E+01	2.03E+02	-1.59E-02	-2.10E-01
6.14E+00	-9.30E+01	2.03E+02	-8.54E-03	-2.14E-01
6.16E+00	-9.30E+01	2.04E+02	-2.44E-02	-2.19E-01
6.18E+00	-9.30E+01	2.04E+02	-1.71E-02	-2.20E-01
6.20E+00	-9.30E+01	2.04E+02	-3.42E-02	-2.29E-01
6.22E+00	-9.30E+01	2.04E+02	-2.93E-02	-2.35E-01
6.24E+00	-9.30E+01	2.04E+02	7.32E-03	-2.37E-01

6.26E+00	-9.30E+01	2.04E+02	-2.69E-02	-2.51E-01
6.28E+00	-9.30E+01	2.04E+02	-1.95E-02	-2.55E-01
6.30E+00	-9.30E+01	2.04E+02	-3.78E-02	-2.55E-01
6.32E+00	-9.30E+01	2.04E+02	-4.15E-02	-2.58E-01
6.34E+00	-9.30E+01	2.04E+02	-1.95E-02	-2.64E-01
6.36E+00	-9.30E+01	2.04E+02	-9.77E-03	-2.71E-01
6.38E+00	-9.30E+01	2.04E+02	9.77E-03	-2.76E-01
6.40E+00	-9.30E+01	2.04E+02	-1.71E-02	-2.81E-01
6.42E+00	-9.30E+01	2.04E+02	-3.05E-02	-3.03E-01
6.44E+00	-9.30E+01	2.04E+02	-9.77E-03	-2.95E-01
6.46E+00	-9.30E+01	2.04E+02	-1.71E-02	-3.07E-01
6.48E+00	-9.30E+01	2.04E+02	-1.22E-02	-3.14E-01
6.50E+00	-9.30E+01	2.04E+02	-4.88E-03	-3.30E-01
6.52E+00	-9.30E+01	2.04E+02	-2.93E-02	-3.23E-01
6.54E+00	-9.30E+01	2.04E+02	2.44E-03	-3.32E-01
6.56E+00	-9.30E+01	2.04E+02	-1.46E-02	-3.43E-01
6.58E+00	-9.30E+01	2.04E+02	-8.54E-03	-3.45E-01
6.60E+00	-9.30E+01	2.04E+02	-1.71E-02	-3.50E-01
6.62E+00	-9.30E+01	2.04E+02	-2.32E-02	-3.69E-01
6.64E+00	-9.30E+01	2.04E+02	-2.44E-02	-3.64E-01
6.66E+00	-9.30E+01	2.04E+02	-4.88E-03	-3.67E-01
6.68E+00	-9.30E+01	2.04E+02	-7.32E-03	-3.82E-01
6.70E+00	-9.30E+01	2.04E+02	-1.83E-02	-3.86E-01
6.72E+00	-9.30E+01	2.04E+02	-1.34E-02	-3.92E-01
6.74E+00	-9.30E+01	2.03E+02	-7.32E-03	-4.05E-01
6.76E+00	-9.30E+01	2.03E+02	-1.71E-02	-3.98E-01
6.78E+00	-9.30E+01	2.03E+02	-1.34E-02	-4.15E-01
6.80E+00	-9.30E+01	2.02E+02	-2.44E-03	-4.19E-01
6.82E+00	-9.30E+01	2.02E+02	-1.22E-03	-4.28E-01
6.84E+00	-9.30E+01	2.01E+02	-7.32E-03	-4.31E-01
6.86E+00	-9.30E+01	2.01E+02	9.77E-03	-4.31E-01
6.88E+00	-9.30E+01	2.01E+02	-1.22E-03	-4.51E-01
6.90E+00	-9.30E+01	2.01E+02	-4.88E-03	-4.56E-01
6.92E+00	-9.30E+01	2.01E+02	2.44E-03	-4.64E-01
6.94E+00	-9.30E+01	2.00E+02	-1.46E-02	-4.67E-01
6.96E+00	-9.30E+01	2.00E+02	-3.66E-03	-4.78E-01
6.98E+00	-9.30E+01	2.00E+02	-6.10E-03	-5.00E-01
7.00E+00	-9.30E+01	2.00E+02	4.88E-03	-4.92E-01
7.02E+00	-9.30E+01	1.99E+02	9.77E-03	-5.01E-01
7.04E+00	-9.30E+01	2.00E+02	-7.32E-03	-5.10E-01
7.06E+00	-9.30E+01	2.00E+02	-1.71E-02	-5.18E-01
7.08E+00	-9.30E+01	2.00E+02	-2.44E-02	-5.20E-01
7.10E+00	-9.30E+01	1.99E+02	-2.44E-03	-5.19E-01
7.12E+00	-9.30E+01	1.99E+02	-1.95E-02	-5.43E-01
7.14E+00	-9.30E+01	1.99E+02	-4.88E-02	-5.46E-01
7.16E+00	-9.30E+01	1.99E+02	-2.69E-02	-5.56E-01
7.18E+00	-9.30E+01	1.99E+02	-3.66E-02	-5.55E-01

7.20E+00	-9.30E+01	1.99E+02	-3.42E-02	-5.59E-01
7.22E+00	-9.30E+01	1.99E+02	-2.81E-02	-5.60E-01
7.24E+00	-9.30E+01	1.99E+02	-3.30E-02	-5.74E-01
7.26E+00	-9.30E+01	1.99E+02	-2.44E-02	-5.81E-01
7.28E+00	-9.30E+01	1.99E+02	-3.30E-02	-5.84E-01
7.30E+00	-9.30E+01	1.99E+02	-2.69E-02	-5.85E-01
7.32E+00	-9.30E+01	1.99E+02	-1.22E-02	-5.87E-01
7.34E+00	-9.30E+01	1.99E+02	-3.42E-02	-5.91E-01
7.36E+00	-9.30E+01	1.98E+02	-1.71E-02	-6.12E-01
7.38E+00	-9.30E+01	1.99E+02	-2.93E-02	-6.13E-01
7.40E+00	-9.30E+01	1.98E+02	-1.22E-02	-6.19E-01
7.42E+00	-9.30E+01	1.98E+02	-7.32E-03	-6.22E-01
7.44E+00	-9.30E+01	1.99E+02	-1.22E-02	-6.27E-01
7.46E+00	-9.30E+01	1.98E+02	-6.10E-03	-6.30E-01
7.48E+00	-9.30E+01	1.98E+02	2.44E-03	-6.46E-01
7.50E+00	-9.30E+01	1.97E+02	-1.10E-02	-6.57E-01
7.52E+00	-9.30E+01	1.98E+02	-6.10E-03	-6.71E-01
7.54E+00	-9.30E+01	1.98E+02	-1.10E-02	-6.63E-01
7.56E+00	-9.30E+01	1.98E+02	-9.77E-03	-6.70E-01
7.58E+00	-9.30E+01	1.98E+02	0.00E+00	-6.83E-01
7.60E+00	-9.30E+01	1.97E+02	-1.22E-02	-6.92E-01
7.62E+00	-9.30E+01	1.97E+02	-2.44E-03	-6.90E-01
7.64E+00	-9.30E+01	1.97E+02	-1.22E-02	-6.94E-01
7.66E+00	-9.30E+01	1.97E+02	-2.44E-03	-7.00E-01
7.68E+00	-9.30E+01	1.97E+02	-2.69E-02	-7.17E-01
7.70E+00	-9.30E+01	1.96E+02	2.44E-03	-7.25E-01
7.72E+00	-9.30E+01	1.96E+02	-7.32E-03	-7.36E-01
7.74E+00	-9.30E+01	1.96E+02	-4.88E-03	-7.36E-01
7.76E+00	-9.30E+01	1.96E+02	-4.88E-03	-7.42E-01
7.78E+00	-9.30E+01	1.96E+02	0.00E+00	-7.53E-01
7.80E+00	-9.30E+01	1.96E+02	9.77E-03	-7.50E-01
7.82E+00	-9.30E+01	1.96E+02	-2.20E-02	-7.75E-01
7.84E+00	-9.30E+01	1.95E+02	-2.44E-02	-7.78E-01
7.86E+00	-9.30E+01	1.95E+02	-2.44E-03	-7.81E-01
7.88E+00	-9.30E+01	1.95E+02	3.66E-03	-7.86E-01
7.90E+00	-9.30E+01	1.95E+02	1.22E-03	-7.96E-01
7.92E+00	-9.30E+01	1.95E+02	4.88E-03	-7.94E-01
7.94E+00	-9.30E+01	1.94E+02	-9.77E-03	-8.09E-01
7.96E+00	-9.30E+01	1.95E+02	2.20E-02	-8.13E-01
7.98E+00	-9.30E+01	1.94E+02	-7.32E-03	-8.24E-01
8.00E+00	-9.30E+01	1.94E+02	-2.44E-03	-8.35E-01
8.02E+00	-9.30E+01	1.94E+02	-8.54E-03	-8.43E-01
8.04E+00	-9.30E+01	1.94E+02	-2.08E-02	-8.50E-01
8.06E+00	-9.30E+01	1.93E+02	-2.69E-02	-8.52E-01
8.08E+00	-9.30E+01	1.93E+02	-1.95E-02	-8.55E-01
8.10E+00	-9.30E+01	1.93E+02	-2.32E-02	-8.55E-01
8.12E+00	-9.30E+01	1.93E+02	-3.91E-02	-8.69E-01

8.14E+00	-9.30E+01	1.93E+02	-2.93E-02	-8.82E-01
8.16E+00	-9.30E+01	1.93E+02	-3.17E-02	-8.84E-01
8.18E+00	-9.30E+01	1.92E+02	-2.20E-02	-8.88E-01
8.20E+00	-9.30E+01	1.93E+02	6.10E-03	-9.00E-01
8.22E+00	-9.30E+01	1.92E+02	-1.46E-02	-9.08E-01
8.24E+00	-9.30E+01	1.93E+02	-2.93E-02	-9.12E-01
8.26E+00	-9.30E+01	1.92E+02	-3.17E-02	-9.20E-01
8.28E+00	-9.30E+01	1.92E+02	-2.69E-02	-9.22E-01
8.30E+00	-9.30E+01	1.92E+02	-2.69E-02	-9.32E-01
8.32E+00	-9.30E+01	1.92E+02	-2.69E-02	-9.41E-01
8.34E+00	-9.30E+01	1.92E+02	-2.20E-02	-9.59E-01
8.36E+00	-9.30E+01	1.92E+02	0.00E+00	-9.55E-01
8.38E+00	-9.30E+01	1.92E+02	-1.46E-02	-9.42E-01
8.40E+00	-9.30E+01	1.92E+02	-1.46E-02	-9.68E-01
8.42E+00	-9.30E+01	1.92E+02	-1.83E-02	-9.75E-01
8.44E+00	-9.30E+01	1.92E+02	-3.42E-02	-9.87E-01
8.46E+00	-9.30E+01	1.91E+02	-1.95E-02	-9.86E-01
8.48E+00	-9.30E+01	1.91E+02	-2.20E-02	-9.96E-01
8.50E+00	-9.30E+01	1.91E+02	-4.88E-03	-9.89E-01
8.52E+00	-9.30E+01	1.91E+02	-1.46E-02	-1.01E+00
8.54E+00	-9.30E+01	1.91E+02	-2.08E-02	-1.02E+00
8.56E+00	-9.30E+01	1.91E+02	-3.42E-02	-1.02E+00
8.58E+00	-9.30E+01	1.91E+02	-4.39E-02	-1.03E+00
8.60E+00	-9.30E+01	1.91E+02	-3.66E-02	-1.03E+00
8.62E+00	-9.30E+01	1.91E+02	-2.69E-02	-1.04E+00
8.64E+00	-9.30E+01	1.91E+02	-3.78E-02	-1.05E+00
8.66E+00	-9.30E+01	1.91E+02	-4.27E-02	-1.05E+00
8.68E+00	-9.30E+01	1.91E+02	-4.64E-02	-1.04E+00
8.70E+00	-9.30E+01	1.91E+02	-3.78E-02	-1.06E+00
8.72E+00	-9.30E+01	1.91E+02	-2.93E-02	-1.06E+00
8.74E+00	-9.30E+01	1.90E+02	-3.66E-02	-1.08E+00
8.76E+00	-9.30E+01	1.91E+02	-2.44E-02	-1.08E+00
8.78E+00	-9.30E+01	1.91E+02	-3.66E-02	-1.09E+00
8.80E+00	-9.30E+01	1.91E+02	-2.20E-02	-1.09E+00
8.82E+00	-9.30E+01	1.90E+02	-1.59E-02	-1.09E+00
8.84E+00	-9.30E+01	1.91E+02	-9.77E-03	-1.10E+00
8.86E+00	-9.30E+01	1.91E+02	-4.88E-03	-1.11E+00
8.88E+00	-9.30E+01	1.90E+02	-3.66E-03	-1.12E+00
8.90E+00	-9.30E+01	1.90E+02	0.00E+00	-1.13E+00
8.92E+00	-9.30E+01	1.90E+02	-1.46E-02	-1.12E+00
8.94E+00	-9.30E+01	1.91E+02	1.34E-02	-1.14E+00
8.96E+00	-9.30E+01	1.90E+02	0.00E+00	-1.15E+00
8.98E+00	-9.30E+01	1.90E+02	7.32E-03	-1.16E+00
9.00E+00	-9.30E+01	1.90E+02	2.44E-03	-1.17E+00
9.02E+00	-9.30E+01	1.90E+02	-1.46E-02	-1.17E+00
9.04E+00	-9.30E+01	1.90E+02	-4.88E-03	-1.17E+00
9.06E+00	-9.30E+01	1.90E+02	-1.95E-02	-1.19E+00

9.08E+00	-9.30E+01	1.90E+02	-2.93E-02	-1.20E+00
9.10E+00	-9.30E+01	1.90E+02	-2.20E-02	-1.20E+00
9.12E+00	-9.30E+01	1.90E+02	-7.32E-03	-1.20E+00
9.14E+00	-9.30E+01	1.90E+02	-3.66E-02	-1.21E+00
9.16E+00	-9.30E+01	1.90E+02	-3.66E-02	-1.21E+00
9.18E+00	-9.30E+01	1.90E+02	-2.93E-02	-1.21E+00
9.20E+00	-9.30E+01	1.90E+02	-2.69E-02	-1.22E+00
9.22E+00	-9.30E+01	1.90E+02	-1.95E-02	-1.23E+00
9.24E+00	-9.30E+01	1.90E+02	-7.32E-03	-1.24E+00
9.26E+00	-9.30E+01	1.90E+02	3.66E-03	-1.25E+00
9.28E+00	-9.30E+01	1.90E+02	-2.44E-03	-1.26E+00
9.30E+00	-9.30E+01	1.90E+02	0.00E+00	-1.26E+00
9.32E+00	-9.30E+01	1.90E+02	-1.22E-02	-1.27E+00
9.34E+00	-9.30E+01	1.90E+02	-9.77E-03	-1.28E+00
9.36E+00	-9.30E+01	1.90E+02	-2.44E-03	-1.29E+00
9.38E+00	-9.30E+01	1.90E+02	3.17E-02	-1.29E+00
9.40E+00	-9.30E+01	1.90E+02	-4.88E-03	-1.32E+00
9.42E+00	-9.30E+01	1.90E+02	4.88E-03	-1.30E+00
9.44E+00	-9.30E+01	1.90E+02	-2.93E-02	-1.31E+00
9.46E+00	-9.30E+01	1.90E+02	-4.88E-03	-1.30E+00
9.48E+00	-9.30E+01	1.90E+02	0.00E+00	-1.33E+00
9.50E+00	-9.30E+01	1.90E+02	-7.32E-03	-1.34E+00
9.52E+00	-9.30E+01	1.90E+02	2.44E-03	-1.34E+00
9.54E+00	-9.30E+01	1.89E+02	-9.77E-03	-1.35E+00
9.56E+00	-9.30E+01	1.90E+02	7.32E-03	-1.35E+00
9.58E+00	-9.30E+01	1.90E+02	-2.44E-03	-1.37E+00
9.60E+00	-9.30E+01	1.89E+02	-7.32E-03	-1.38E+00
9.62E+00	-9.30E+01	1.90E+02	-1.46E-02	-1.37E+00
9.64E+00	-9.30E+01	1.90E+02	-9.77E-03	-1.37E+00
9.66E+00	-9.30E+01	1.90E+02	6.10E-03	-1.39E+00
9.68E+00	-9.30E+01	1.90E+02	-2.44E-03	-1.39E+00
9.70E+00	-9.30E+01	1.90E+02	4.88E-03	-1.39E+00
9.72E+00	-9.30E+01	1.90E+02	1.95E-02	-1.40E+00
9.74E+00	-9.30E+01	1.90E+02	-1.22E-03	-1.41E+00
9.76E+00	-9.30E+01	1.90E+02	1.22E-02	-1.42E+00
9.78E+00	-9.30E+01	1.90E+02	1.59E-02	-1.43E+00
9.80E+00	-9.30E+01	1.90E+02	-2.44E-03	-1.43E+00
9.82E+00	-9.30E+01	1.90E+02	-2.44E-03	-1.43E+00
9.84E+00	-9.30E+01	1.90E+02	-3.66E-03	-1.44E+00
9.86E+00	-9.30E+01	1.90E+02	-1.22E-02	-1.46E+00
9.88E+00	-9.30E+01	1.90E+02	3.66E-03	-1.46E+00
9.90E+00	-9.30E+01	1.90E+02	-2.20E-02	-1.48E+00
9.92E+00	-9.30E+01	1.91E+02	-1.22E-03	-1.48E+00
9.94E+00	-9.30E+01	1.90E+02	-1.22E-02	-1.49E+00
9.96E+00	-9.30E+01	1.91E+02	-2.93E-02	-1.50E+00
9.98E+00	-9.30E+01	1.91E+02	2.44E-03	-1.50E+00
1.00E+01	-9.30E+01	1.90E+02	-1.71E-02	-1.51E+00

1.00E+01	-9.30E+01	1.90E+02	-1.59E-02	-1.52E+00
1.00E+01	-9.30E+01	1.90E+02	-3.17E-02	-1.52E+00
1.01E+01	-9.30E+01	1.91E+02	-2.32E-02	-1.53E+00
1.01E+01	-9.30E+01	1.91E+02	-2.44E-02	-1.53E+00
1.01E+01	-9.30E+01	1.91E+02	-3.17E-02	-1.54E+00
1.01E+01	-9.30E+01	1.91E+02	-1.34E-02	-1.55E+00
1.01E+01	-9.30E+01	1.91E+02	-4.15E-02	-1.55E+00
1.02E+01	-9.30E+01	1.91E+02	-3.42E-02	-1.56E+00
1.02E+01	-9.30E+01	1.91E+02	-2.56E-02	-1.58E+00
1.02E+01	-9.30E+01	1.91E+02	-3.17E-02	-1.58E+00
1.02E+01	-9.30E+01	1.91E+02	-1.71E-02	-1.59E+00
1.02E+01	-9.30E+01	1.91E+02	-2.20E-02	-1.59E+00
1.03E+01	-9.30E+01	1.91E+02	-1.71E-02	-1.60E+00
1.03E+01	-9.30E+01	1.91E+02	-2.44E-03	-1.61E+00
1.03E+01	-9.30E+01	1.91E+02	-1.46E-02	-1.61E+00
1.03E+01	-9.30E+01	1.91E+02	-1.10E-02	-1.62E+00
1.03E+01	-9.30E+01	1.91E+02	7.32E-03	-1.62E+00
1.04E+01	-9.30E+01	1.91E+02	1.22E-03	-1.63E+00
1.04E+01	-9.30E+01	1.91E+02	4.88E-03	-1.64E+00
1.04E+01	-9.30E+01	1.91E+02	-3.42E-02	-1.64E+00
1.04E+01	-9.30E+01	1.91E+02	-9.77E-03	-1.65E+00
1.04E+01	-9.30E+01	1.91E+02	3.17E-02	-1.65E+00
1.05E+01	-9.30E+01	1.91E+02	2.44E-03	-1.66E+00
1.05E+01	-9.30E+01	1.91E+02	-2.44E-03	-1.67E+00
1.05E+01	-9.30E+01	1.91E+02	-9.77E-03	-1.67E+00
1.05E+01	-9.30E+01	1.91E+02	-1.34E-02	-1.67E+00
1.05E+01	-9.30E+01	1.91E+02	7.32E-03	-1.68E+00
1.06E+01	-9.30E+01	1.91E+02	-8.54E-03	-1.69E+00
1.06E+01	-9.30E+01	1.91E+02	2.44E-03	-1.70E+00
1.06E+01	-9.30E+01	1.91E+02	-8.54E-03	-1.70E+00
1.06E+01	-9.30E+01	1.91E+02	-9.77E-03	-1.69E+00
1.06E+01	-9.30E+01	1.91E+02	-1.22E-02	-1.71E+00
1.07E+01	-9.30E+01	1.91E+02	-4.88E-03	-1.72E+00
1.07E+01	-9.30E+01	1.91E+02	-6.10E-03	-1.74E+00
1.07E+01	-9.30E+01	1.91E+02	-4.88E-03	-1.74E+00
1.07E+01	-9.30E+01	1.91E+02	-1.22E-02	-1.75E+00
1.07E+01	-9.30E+01	1.91E+02	-1.46E-02	-1.76E+00
1.08E+01	-9.30E+01	1.92E+02	-4.88E-03	-1.76E+00
1.08E+01	-9.30E+01	1.92E+02	1.71E-02	-1.77E+00
1.08E+01	-9.30E+01	1.91E+02	-8.54E-03	-1.78E+00
1.08E+01	-9.30E+01	1.91E+02	-2.08E-02	-1.80E+00
1.08E+01	-9.30E+01	1.91E+02	-4.76E-02	-1.81E+00
1.09E+01	-9.30E+01	1.92E+02	-2.56E-02	-1.80E+00
1.09E+01	-9.30E+01	1.91E+02	-4.03E-02	-1.82E+00
1.09E+01	-9.30E+01	1.91E+02	-1.22E-02	-1.82E+00
1.09E+01	-9.30E+01	1.91E+02	-1.71E-02	-1.82E+00
1.09E+01	-9.30E+01	1.91E+02	7.32E-03	-1.83E+00

1.10E+01	-9.30E+01	1.91E+02	-3.66E-02	-1.84E+00
1.10E+01	-9.30E+01	1.91E+02	-2.32E-02	-1.84E+00
1.10E+01	-9.30E+01	1.91E+02	-1.95E-02	-1.85E+00
1.10E+01	-9.30E+01	1.91E+02	-2.20E-02	-1.85E+00
1.10E+01	-9.30E+01	1.91E+02	-3.42E-02	-1.86E+00
1.11E+01	-9.30E+01	1.91E+02	-3.17E-02	-1.87E+00
1.11E+01	-9.30E+01	1.91E+02	-1.71E-02	-1.87E+00
1.11E+01	-9.30E+01	1.91E+02	-3.91E-02	-1.89E+00
1.11E+01	-9.30E+01	1.91E+02	-3.66E-02	-1.90E+00
1.11E+01	-9.30E+01	1.91E+02	-2.08E-02	-1.89E+00
1.12E+01	-9.30E+01	1.91E+02	-3.91E-02	-1.91E+00
1.12E+01	-9.30E+01	1.91E+02	-4.64E-02	-1.90E+00
1.12E+01	-9.30E+01	1.91E+02	-2.69E-02	-1.91E+00
1.12E+01	-9.30E+01	1.91E+02	-1.46E-02	-1.91E+00
1.12E+01	-9.30E+01	1.91E+02	-2.44E-02	-1.92E+00
1.13E+01	-9.30E+01	1.91E+02	-2.44E-02	-1.93E+00
1.13E+01	-9.30E+01	1.91E+02	-2.20E-02	-1.93E+00
1.13E+01	-9.30E+01	1.91E+02	-2.69E-02	-1.94E+00
1.13E+01	-9.30E+01	1.91E+02	-9.77E-03	-1.94E+00
1.13E+01	-9.30E+01	1.91E+02	-2.69E-02	-1.95E+00
1.14E+01	-9.30E+01	1.90E+02	-2.44E-02	-1.96E+00
1.14E+01	-9.30E+01	1.91E+02	-4.64E-02	-1.96E+00
1.14E+01	-9.30E+01	1.91E+02	-1.95E-02	-1.97E+00
1.14E+01	-9.30E+01	1.91E+02	-1.10E-02	-1.98E+00
1.14E+01	-9.30E+01	1.90E+02	-1.22E-02	-1.99E+00
1.15E+01	-9.30E+01	1.90E+02	-1.71E-02	-1.99E+00
1.15E+01	-9.30E+01	1.91E+02	-2.44E-02	-2.00E+00
1.15E+01	-9.30E+01	1.90E+02	-1.46E-02	-2.01E+00
1.15E+01	-9.30E+01	1.90E+02	-2.44E-03	-2.01E+00
1.15E+01	-9.30E+01	1.90E+02	-8.54E-03	-2.02E+00
1.16E+01	-9.30E+01	1.90E+02	-2.44E-03	-2.03E+00
1.16E+01	-9.30E+01	1.90E+02	-2.08E-02	-2.04E+00
1.16E+01	-9.30E+01	1.90E+02	-7.32E-03	-2.06E+00
1.16E+01	-9.30E+01	1.90E+02	-9.77E-03	-2.05E+00
1.16E+01	-9.30E+01	1.90E+02	3.66E-03	-2.06E+00
1.17E+01	-9.30E+01	1.90E+02	-1.95E-02	-2.07E+00
1.17E+01	-9.30E+01	1.90E+02	-6.10E-03	-2.08E+00
1.17E+01	-9.30E+01	1.90E+02	-1.22E-02	-2.09E+00
1.17E+01	-9.30E+01	1.90E+02	-2.08E-02	-2.09E+00
1.17E+01	-9.30E+01	1.90E+02	-3.05E-02	-2.10E+00
1.18E+01	-9.30E+01	1.90E+02	-2.69E-02	-2.11E+00
1.18E+01	-9.30E+01	1.90E+02	-8.54E-03	-2.11E+00
1.18E+01	-9.30E+01	1.90E+02	-2.20E-02	-2.13E+00
1.18E+01	-9.30E+01	1.90E+02	4.88E-03	-2.12E+00
1.18E+01	-9.30E+01	1.90E+02	-2.69E-02	-2.14E+00
1.19E+01	-9.30E+01	1.90E+02	-6.10E-02	-2.14E+00
1.19E+01	-9.30E+01	1.90E+02	-1.95E-02	-2.15E+00

1.19E+01	-9.30E+01	1.90E+02	-2.56E-02	-2.15E+00
1.19E+01	-9.30E+01	1.90E+02	-1.22E-02	-2.16E+00
1.19E+01	-9.30E+01	1.90E+02	-3.42E-02	-2.16E+00
1.20E+01	-9.30E+01	1.90E+02	-3.54E-02	-2.17E+00
1.20E+01	-9.30E+01	1.90E+02	-3.42E-02	-2.17E+00
1.20E+01	-9.30E+01	1.90E+02	-2.20E-02	-2.18E+00
1.20E+01	-9.30E+01	1.90E+02	-3.42E-02	-2.18E+00
1.20E+01	-9.30E+01	1.90E+02	-2.20E-02	-2.19E+00
1.21E+01	-9.30E+01	1.90E+02	-2.69E-02	-2.20E+00
1.21E+01	-9.30E+01	1.90E+02	-2.20E-02	-2.20E+00
1.21E+01	-9.30E+01	1.91E+02	-7.32E-03	-2.21E+00
1.21E+01	-9.30E+01	1.90E+02	-1.71E-02	-2.21E+00
1.21E+01	-9.30E+01	1.91E+02	-1.59E-02	-2.23E+00
1.22E+01	-9.30E+01	1.90E+02	-9.77E-03	-2.23E+00
1.22E+01	-9.30E+01	1.91E+02	-2.69E-02	-2.23E+00
1.22E+01	-9.30E+01	1.91E+02	-1.95E-02	-2.22E+00
1.22E+01	-9.30E+01	1.90E+02	-4.88E-03	-2.25E+00
1.22E+01	-9.30E+01	1.90E+02	-9.77E-03	-2.26E+00
1.23E+01	-9.30E+01	1.91E+02	-1.34E-02	-2.27E+00
1.23E+01	-9.30E+01	1.91E+02	-1.46E-02	-2.27E+00
1.23E+01	-9.30E+01	1.90E+02	0.00E+00	-2.27E+00
1.23E+01	-9.30E+01	1.91E+02	-3.66E-03	-2.28E+00
1.23E+01	-9.30E+01	1.90E+02	3.66E-03	-2.29E+00
1.24E+01	-9.30E+01	1.91E+02	2.32E-02	-2.29E+00
1.24E+01	-9.30E+01	1.91E+02	-9.77E-03	-2.31E+00
1.24E+01	-9.30E+01	1.91E+02	-3.66E-03	-2.31E+00
1.24E+01	-9.30E+01	1.91E+02	-2.44E-03	-2.32E+00
1.24E+01	-9.30E+01	1.91E+02	2.44E-03	-2.33E+00
1.25E+01	-9.30E+01	1.91E+02	-1.10E-02	-2.35E+00
1.25E+01	-9.30E+01	1.91E+02	0.00E+00	-2.35E+00
1.25E+01	-9.30E+01	1.91E+02	-1.71E-02	-2.35E+00
1.25E+01	-9.30E+01	1.91E+02	0.00E+00	-2.35E+00
1.25E+01	-9.30E+01	1.91E+02	-2.44E-03	-2.36E+00
1.26E+01	-9.30E+01	1.91E+02	1.22E-03	-2.37E+00
1.26E+01	-9.30E+01	1.91E+02	-4.88E-03	-2.38E+00
1.26E+01	-9.30E+01	1.91E+02	-2.44E-02	-2.40E+00
1.26E+01	-9.30E+01	1.90E+02	-2.44E-02	-2.40E+00
1.26E+01	-9.30E+01	1.91E+02	-2.81E-02	-2.41E+00
1.27E+01	-9.30E+01	1.91E+02	4.88E-03	-2.41E+00
1.27E+01	-9.30E+01	1.91E+02	-4.88E-03	-2.43E+00
1.27E+01	-9.30E+01	1.91E+02	2.44E-03	-2.42E+00
1.27E+01	-9.30E+01	1.91E+02	1.71E-02	-2.43E+00
1.27E+01	-9.30E+01	1.91E+02	9.77E-03	-2.44E+00
1.28E+01	-9.30E+01	1.91E+02	2.20E-02	-2.44E+00
1.28E+01	-9.30E+01	1.91E+02	-7.32E-03	-2.45E+00
1.28E+01	-9.30E+01	1.91E+02	-2.44E-03	-2.46E+00
1.28E+01	-9.30E+01	1.91E+02	-4.88E-03	-2.46E+00

1.28E+01	-9.30E+01	1.91E+02	-1.46E-02	-2.46E+00
1.29E+01	-9.30E+01	1.90E+02	0.00E+00	-2.48E+00
1.29E+01	-9.30E+01	1.91E+02	-8.54E-03	-2.50E+00
1.29E+01	-9.30E+01	1.91E+02	-1.95E-02	-2.49E+00
1.29E+01	-9.30E+01	1.91E+02	-6.10E-03	-2.49E+00
1.29E+01	-9.30E+01	1.91E+02	-9.77E-03	-2.51E+00
1.30E+01	-9.30E+01	1.91E+02	2.44E-03	-2.51E+00
1.30E+01	-9.30E+01	1.91E+02	-7.32E-03	-2.52E+00
1.30E+01	-9.30E+01	1.91E+02	0.00E+00	-2.52E+00
1.30E+01	-9.30E+01	1.91E+02	-7.32E-03	-2.52E+00
1.30E+01	-9.30E+01	1.91E+02	2.08E-02	-2.53E+00
1.31E+01	-9.30E+01	1.91E+02	9.77E-03	-2.55E+00
1.31E+01	-9.30E+01	1.91E+02	-2.44E-03	-2.55E+00
1.31E+01	-9.30E+01	1.91E+02	1.22E-02	-2.55E+00
1.31E+01	-9.30E+01	1.91E+02	-1.22E-02	-2.56E+00
1.31E+01	-9.30E+01	1.91E+02	-2.56E-02	-2.58E+00
1.32E+01	-9.30E+01	1.91E+02	9.77E-03	-2.58E+00
1.32E+01	-9.30E+01	1.91E+02	-2.44E-03	-2.59E+00
1.32E+01	-9.30E+01	1.91E+02	-2.44E-03	-2.59E+00
1.32E+01	-9.30E+01	1.91E+02	-1.46E-02	-2.60E+00
1.32E+01	-9.30E+01	1.91E+02	-1.83E-02	-2.60E+00
1.33E+01	-9.30E+01	1.91E+02	0.00E+00	-2.61E+00
1.33E+01	-9.30E+01	1.91E+02	-9.77E-03	-2.62E+00
1.33E+01	-9.30E+01	1.91E+02	-7.32E-03	-2.63E+00
1.33E+01	-9.30E+01	1.91E+02	-2.93E-02	-2.64E+00
1.33E+01	-9.30E+01	1.91E+02	-4.15E-02	-2.65E+00
1.34E+01	-9.30E+01	1.91E+02	-9.77E-03	-2.65E+00
1.34E+01	-9.30E+01	1.91E+02	-1.46E-02	-2.67E+00
1.34E+01	-9.30E+01	1.91E+02	-5.86E-02	-2.67E+00
1.34E+01	-9.30E+01	1.92E+02	-2.93E-02	-2.68E+00
1.34E+01	-9.30E+01	1.92E+02	-3.05E-02	-2.67E+00
1.35E+01	-9.30E+01	1.91E+02	-2.44E-02	-2.68E+00
1.35E+01	-9.30E+01	1.91E+02	-2.44E-02	-2.69E+00
1.35E+01	-9.30E+01	1.92E+02	-6.23E-02	-2.71E+00
1.35E+01	-9.30E+01	1.92E+02	-3.05E-02	-2.71E+00
1.35E+01	-9.30E+01	1.92E+02	-3.42E-02	-2.70E+00
1.36E+01	-9.30E+01	1.91E+02	-3.17E-02	-2.71E+00
1.36E+01	-9.30E+01	1.92E+02	-1.95E-02	-2.72E+00
1.36E+01	-9.30E+01	1.91E+02	0.00E+00	-2.71E+00
1.36E+01	-9.30E+01	1.92E+02	-1.59E-02	-2.73E+00
1.36E+01	-9.30E+01	1.92E+02	-4.64E-02	-2.74E+00
1.37E+01	-9.30E+01	1.92E+02	-2.44E-02	-2.74E+00
1.37E+01	-9.30E+01	1.92E+02	-1.22E-02	-2.75E+00
1.37E+01	-9.30E+01	1.92E+02	-7.32E-03	-2.76E+00
1.37E+01	-9.30E+01	1.92E+02	-6.10E-03	-2.77E+00
1.37E+01	-9.30E+01	1.92E+02	-3.17E-02	-2.79E+00
1.38E+01	-9.30E+01	1.91E+02	-4.88E-03	-2.79E+00

1.38E+01	-9.30E+01	1.92E+02	-1.59E-02	-2.80E+00
1.38E+01	-9.30E+01	1.91E+02	7.32E-03	-2.79E+00
1.38E+01	-9.30E+01	1.91E+02	-3.17E-02	-2.80E+00
1.38E+01	-9.30E+01	1.92E+02	-9.77E-03	-2.81E+00
1.39E+01	-9.30E+01	1.92E+02	-2.56E-02	-2.82E+00
1.39E+01	-9.30E+01	1.92E+02	-2.69E-02	-2.83E+00
1.39E+01	-9.30E+01	1.92E+02	-2.69E-02	-2.85E+00
1.39E+01	-9.30E+01	1.91E+02	-3.30E-02	-2.84E+00
1.39E+01	-9.30E+01	1.92E+02	-3.66E-03	-2.85E+00
1.40E+01	-9.30E+01	1.92E+02	-1.34E-02	-2.86E+00
1.40E+01	-9.30E+01	1.92E+02	-2.44E-02	-2.87E+00
1.40E+01	-9.30E+01	1.92E+02	-1.46E-02	-2.86E+00
1.40E+01	-9.30E+01	1.92E+02	-2.69E-02	-2.88E+00
1.40E+01	-9.30E+01	1.92E+02	-2.32E-02	-2.88E+00
1.41E+01	-9.30E+01	1.92E+02	-2.08E-02	-2.89E+00
1.41E+01	-9.30E+01	1.92E+02	-2.69E-02	-2.89E+00
1.41E+01	-9.30E+01	1.92E+02	7.32E-03	-2.90E+00
1.41E+01	-9.30E+01	1.92E+02	-3.66E-02	-2.91E+00
1.41E+01	-9.30E+01	1.92E+02	-2.44E-03	-2.91E+00
1.42E+01	-9.30E+01	1.92E+02	-1.59E-02	-2.92E+00
1.42E+01	-9.30E+01	1.92E+02	-1.95E-02	-2.94E+00
1.42E+01	-9.30E+01	1.92E+02	-1.59E-02	-2.94E+00
1.42E+01	-9.30E+01	1.92E+02	-3.42E-02	-2.94E+00
1.42E+01	-9.30E+01	1.92E+02	-3.66E-02	-2.94E+00
1.43E+01	-9.30E+01	1.92E+02	-3.42E-02	-2.95E+00
1.43E+01	-9.30E+01	1.92E+02	-3.05E-02	-2.97E+00
1.43E+01	-9.30E+01	1.93E+02	-3.91E-02	-2.97E+00
1.43E+01	-9.30E+01	1.93E+02	-3.30E-02	-2.98E+00
1.43E+01	-9.30E+01	1.92E+02	-3.05E-02	-2.98E+00
1.44E+01	-9.30E+01	1.93E+02	-3.66E-02	-2.99E+00
1.44E+01	-9.30E+01	1.93E+02	-2.81E-02	-2.99E+00
1.44E+01	-9.30E+01	1.93E+02	-9.77E-03	-3.00E+00
1.44E+01	-9.30E+01	1.93E+02	-1.95E-02	-3.01E+00
1.44E+01	-9.30E+01	1.93E+02	-2.44E-02	-3.01E+00
1.45E+01	-9.30E+01	1.93E+02	-1.46E-02	-3.01E+00
1.45E+01	-9.30E+01	1.93E+02	-7.32E-03	-3.02E+00
1.45E+01	-9.30E+01	1.93E+02	-8.54E-03	-3.03E+00
1.45E+01	-9.30E+01	1.93E+02	-7.32E-03	-3.04E+00
1.45E+01	-9.30E+01	1.93E+02	-2.44E-02	-3.05E+00
1.46E+01	-9.30E+01	1.93E+02	-2.20E-02	-3.05E+00
1.46E+01	-9.30E+01	1.93E+02	-8.54E-03	-3.04E+00
1.46E+01	-9.30E+01	1.93E+02	-1.46E-02	-3.07E+00
1.46E+01	-9.30E+01	1.93E+02	-1.71E-02	-3.08E+00
1.46E+01	-9.30E+01	1.93E+02	-4.15E-02	-3.08E+00
1.47E+01	-9.30E+01	1.93E+02	-4.88E-03	-3.09E+00
1.47E+01	-9.30E+01	1.93E+02	-1.34E-02	-3.10E+00
1.47E+01	-9.30E+01	1.93E+02	-7.32E-03	-3.10E+00

1.47E+01	-9.30E+01	1.94E+02	7.32E-03	-3.12E+00
1.47E+01	-9.30E+01	1.93E+02	2.44E-03	-3.12E+00
1.48E+01	-9.30E+01	1.93E+02	1.59E-02	-3.13E+00
1.48E+01	-9.30E+01	1.93E+02	-2.08E-02	-3.13E+00
1.48E+01	-9.30E+01	1.93E+02	-1.71E-02	-3.14E+00
1.48E+01	-9.30E+01	1.93E+02	-1.22E-03	-3.14E+00
1.48E+01	-9.30E+01	1.93E+02	9.77E-03	-3.15E+00
1.49E+01	-9.30E+01	1.93E+02	-7.32E-03	-3.16E+00
1.49E+01	-9.30E+01	1.94E+02	3.66E-03	-3.17E+00
1.49E+01	-9.30E+01	1.93E+02	7.32E-03	-3.17E+00
1.49E+01	-9.30E+01	1.93E+02	4.88E-03	-3.18E+00
1.49E+01	-9.30E+01	1.93E+02	1.22E-02	-3.18E+00
1.50E+01	-9.30E+01	1.93E+02	1.22E-02	-3.20E+00
1.50E+01	-9.30E+01	1.93E+02	-2.44E-03	-3.20E+00
1.50E+01	-9.30E+01	1.93E+02	-1.83E-02	-3.21E+00
1.50E+01	-9.30E+01	1.93E+02	-3.66E-03	-3.23E+00
1.50E+01	-9.30E+01	1.93E+02	-7.32E-03	-3.23E+00
1.51E+01	-9.30E+01	1.93E+02	-1.22E-02	-3.23E+00
1.51E+01	-9.30E+01	1.93E+02	-2.44E-03	-3.23E+00
1.51E+01	-9.30E+01	1.93E+02	-7.32E-03	-3.24E+00
1.51E+01	-9.30E+01	1.93E+02	-2.44E-03	-3.25E+00
1.51E+01	-9.30E+01	1.94E+02	4.88E-03	-3.26E+00
1.52E+01	-9.30E+01	1.93E+02	-8.54E-03	-3.27E+00
1.52E+01	-9.30E+01	1.93E+02	-2.44E-03	-3.27E+00
1.52E+01	-9.30E+01	1.94E+02	-2.20E-02	-3.27E+00
1.52E+01	-9.30E+01	1.94E+02	1.22E-03	-3.28E+00
1.52E+01	-9.30E+01	1.93E+02	2.93E-02	-3.29E+00
1.53E+01	-9.30E+01	1.94E+02	-1.22E-03	-3.30E+00
1.53E+01	-9.30E+01	1.94E+02	-4.88E-03	-3.30E+00
1.53E+01	-9.30E+01	1.94E+02	1.95E-02	-3.30E+00
1.53E+01	-9.30E+01	1.94E+02	6.10E-03	-3.31E+00
1.53E+01	-9.30E+01	1.94E+02	-3.17E-02	-3.33E+00
1.54E+01	-9.30E+01	1.94E+02	-8.54E-03	-3.33E+00
1.54E+01	-9.30E+01	1.94E+02	-1.22E-02	-3.33E+00
1.54E+01	-9.30E+01	1.93E+02	-1.95E-02	-3.35E+00
1.54E+01	-9.30E+01	1.93E+02	-4.88E-03	-3.34E+00
1.54E+01	-9.30E+01	1.94E+02	-2.20E-02	-3.36E+00
1.55E+01	-9.30E+01	1.94E+02	-4.88E-03	-3.36E+00
1.55E+01	-9.30E+01	1.94E+02	-7.32E-03	-3.37E+00
1.55E+01	-9.30E+01	1.94E+02	1.95E-02	-3.36E+00
1.55E+01	-9.30E+01	1.94E+02	0.00E+00	-3.38E+00
1.55E+01	-9.30E+01	1.94E+02	-2.44E-02	-3.39E+00
1.56E+01	-9.30E+01	1.94E+02	-9.77E-03	-3.40E+00
1.56E+01	-9.30E+01	1.94E+02	-7.32E-03	-3.41E+00
1.56E+01	-9.30E+01	1.94E+02	1.95E-02	-3.41E+00
1.56E+01	-9.30E+01	1.94E+02	0.00E+00	-3.43E+00
1.56E+01	-9.30E+01	1.94E+02	-1.22E-02	-3.44E+00

1.57E+01	-9.30E+01	1.94E+02	-2.44E-03	-3.44E+00
1.57E+01	-9.30E+01	1.94E+02	-1.34E-02	-3.46E+00
1.57E+01	-9.30E+01	1.94E+02	-2.20E-02	-3.46E+00
1.57E+01	-9.30E+01	1.94E+02	-1.71E-02	-3.46E+00
1.57E+01	-9.30E+01	1.94E+02	-1.71E-02	-3.47E+00
1.58E+01	-9.30E+01	1.94E+02	-1.22E-02	-3.48E+00
1.58E+01	-9.30E+01	1.94E+02	-1.83E-02	-3.48E+00
1.58E+01	-9.30E+01	1.94E+02	-1.22E-02	-3.48E+00
1.58E+01	-9.30E+01	1.95E+02	-7.32E-03	-3.50E+00
1.58E+01	-9.30E+01	1.95E+02	-1.59E-02	-3.50E+00
1.59E+01	-9.30E+01	1.95E+02	2.44E-03	-3.51E+00
1.59E+01	-9.30E+01	1.95E+02	-8.54E-03	-3.52E+00
1.59E+01	-9.30E+01	1.95E+02	3.66E-03	-3.51E+00
1.59E+01	-9.30E+01	1.95E+02	2.44E-03	-3.52E+00
1.59E+01	-9.30E+01	1.95E+02	-1.22E-03	-3.53E+00
1.60E+01	-9.30E+01	1.95E+02	-3.30E-02	-3.53E+00
1.60E+01	-9.30E+01	1.95E+02	-1.22E-02	-3.55E+00
1.60E+01	-9.30E+01	1.95E+02	-2.08E-02	-3.55E+00
1.60E+01	-9.30E+01	1.96E+02	-7.32E-03	-3.56E+00
1.60E+01	-9.30E+01	1.95E+02	-1.95E-02	-3.55E+00
1.61E+01	-9.30E+01	1.95E+02	-1.71E-02	-3.56E+00
1.61E+01	-9.30E+01	1.95E+02	-1.46E-02	-3.58E+00
1.61E+01	-9.30E+01	1.95E+02	-1.95E-02	-3.58E+00
1.61E+01	-9.30E+01	1.95E+02	-2.44E-02	-3.59E+00
1.61E+01	-9.30E+01	1.95E+02	-3.17E-02	-3.60E+00
1.62E+01	-9.30E+01	1.95E+02	-2.69E-02	-3.60E+00
1.62E+01	-9.30E+01	1.96E+02	-2.20E-02	-3.61E+00
1.62E+01	-9.30E+01	1.95E+02	-2.93E-02	-3.62E+00
1.62E+01	-9.30E+01	1.96E+02	-2.20E-02	-3.62E+00
1.62E+01	-9.30E+01	1.95E+02	-3.66E-02	-3.63E+00
1.63E+01	-9.30E+01	1.96E+02	-5.62E-02	-3.64E+00
1.63E+01	-9.30E+01	1.96E+02	-2.69E-02	-3.65E+00
1.63E+01	-9.30E+01	1.95E+02	-2.44E-02	-3.67E+00
1.63E+01	-9.30E+01	1.95E+02	-2.93E-02	-3.66E+00
1.63E+01	-9.30E+01	1.96E+02	-3.91E-02	-3.67E+00
1.64E+01	-9.30E+01	1.96E+02	-8.54E-03	-3.67E+00
1.64E+01	-9.30E+01	1.95E+02	-2.56E-02	-3.69E+00
1.64E+01	-9.30E+01	1.95E+02	-2.20E-02	-3.70E+00
1.64E+01	-9.30E+01	1.95E+02	-2.93E-02	-3.70E+00
1.64E+01	-9.30E+01	1.96E+02	-3.42E-02	-3.69E+00
1.65E+01	-9.30E+01	1.96E+02	-5.25E-02	-3.70E+00
1.65E+01	-9.30E+01	1.96E+02	-2.32E-02	-3.71E+00
1.65E+01	-9.30E+01	1.96E+02	-4.64E-02	-3.73E+00
1.65E+01	-9.30E+01	1.96E+02	-3.66E-02	-3.73E+00
1.65E+01	-9.30E+01	1.95E+02	-4.15E-02	-3.73E+00
1.66E+01	-9.30E+01	1.96E+02	-4.39E-02	-3.74E+00
1.66E+01	-9.30E+01	1.96E+02	-2.69E-02	-3.76E+00

1.66E+01	-9.30E+01	1.96E+02	-5.13E-02	-3.77E+00
1.66E+01	-9.30E+01	1.96E+02	-3.91E-02	-3.77E+00
1.66E+01	-9.30E+01	1.96E+02	-3.42E-02	-3.77E+00
1.67E+01	-9.30E+01	1.96E+02	-1.95E-02	-3.77E+00
1.67E+01	-9.30E+01	1.96E+02	-2.69E-02	-3.79E+00
1.67E+01	-9.30E+01	1.96E+02	-1.71E-02	-3.79E+00
1.67E+01	-9.30E+01	1.96E+02	-2.69E-02	-3.80E+00
1.67E+01	-9.30E+01	1.96E+02	-1.95E-02	-3.82E+00
1.68E+01	-9.30E+01	1.96E+02	2.20E-02	-3.82E+00
1.68E+01	-9.30E+01	1.96E+02	-1.46E-02	-3.82E+00
1.68E+01	-9.30E+01	1.95E+02	0.00E+00	-3.83E+00
1.68E+01	-9.30E+01	1.95E+02	-1.71E-02	-3.84E+00
1.68E+01	-9.30E+01	1.95E+02	-2.69E-02	-3.84E+00
1.69E+01	-9.30E+01	1.95E+02	-2.69E-02	-3.85E+00
1.69E+01	-9.30E+01	1.96E+02	-2.32E-02	-3.86E+00
1.69E+01	-9.30E+01	1.95E+02	-9.77E-03	-3.86E+00
1.69E+01	-9.30E+01	1.95E+02	-4.03E-02	-3.87E+00
1.69E+01	-9.30E+01	1.95E+02	-1.71E-02	-3.87E+00
1.70E+01	-9.30E+01	1.95E+02	-1.22E-02	-3.89E+00
1.70E+01	-9.30E+01	1.96E+02	-4.39E-02	-3.90E+00
1.70E+01	-9.30E+01	1.95E+02	-1.46E-02	-3.89E+00
1.70E+01	-9.30E+01	1.95E+02	-3.78E-02	-3.91E+00
1.70E+01	-9.30E+01	1.95E+02	-3.05E-02	-3.90E+00
1.71E+01	-9.30E+01	1.95E+02	-4.15E-02	-3.91E+00
1.71E+01	-9.30E+01	1.95E+02	-3.42E-02	-3.92E+00
1.71E+01	-9.30E+01	1.95E+02	-2.20E-02	-3.92E+00
1.71E+01	-9.30E+01	1.95E+02	-3.66E-02	-3.93E+00
1.71E+01	-9.30E+01	1.95E+02	-3.66E-02	-3.93E+00
1.72E+01	-9.30E+01	1.95E+02	-3.17E-02	-3.94E+00
1.72E+01	-9.30E+01	1.95E+02	-1.71E-02	-3.95E+00
1.72E+01	-9.30E+01	1.95E+02	-1.83E-02	-3.96E+00
1.72E+01	-9.30E+01	1.95E+02	6.10E-03	-3.97E+00
1.72E+01	-9.30E+01	1.95E+02	-3.91E-02	-3.97E+00
1.73E+01	-9.30E+01	1.95E+02	-5.62E-02	-3.99E+00
1.73E+01	-9.30E+01	1.95E+02	-3.05E-02	-3.99E+00
1.73E+01	-9.30E+01	1.95E+02	-3.17E-02	-4.00E+00
1.73E+01	-9.30E+01	1.95E+02	-2.44E-02	-4.00E+00
1.73E+01	-9.30E+01	1.94E+02	-3.91E-02	-4.02E+00
1.74E+01	-9.30E+01	1.94E+02	-7.32E-03	-4.02E+00
1.74E+01	-9.30E+01	1.95E+02	-1.95E-02	-4.02E+00
1.74E+01	-9.30E+01	1.95E+02	-2.44E-02	-4.04E+00
1.74E+01	-9.30E+01	1.95E+02	-2.93E-02	-4.04E+00
1.74E+01	-9.30E+01	1.95E+02	-3.17E-02	-4.05E+00
1.75E+01	-9.30E+01	1.95E+02	-1.46E-02	-4.06E+00
1.75E+01	-9.30E+01	1.94E+02	-9.77E-03	-4.07E+00
1.75E+01	-9.30E+01	1.94E+02	-2.69E-02	-4.06E+00
1.75E+01	-9.30E+01	1.94E+02	-2.20E-02	-4.08E+00

1.75E+01	-9.30E+01	1.95E+02	-3.30E-02	-4.08E+00
1.76E+01	-9.30E+01	1.95E+02	-7.32E-03	-4.08E+00
1.76E+01	-9.30E+01	1.95E+02	-1.71E-02	-4.11E+00
1.76E+01	-9.30E+01	1.95E+02	-2.20E-02	-4.12E+00
1.76E+01	-9.30E+01	1.95E+02	-1.95E-02	-4.11E+00
1.76E+01	-9.30E+01	1.95E+02	-3.42E-02	-4.12E+00
1.77E+01	-9.30E+01	1.95E+02	-2.20E-02	-4.11E+00
1.77E+01	-9.30E+01	1.95E+02	-3.66E-02	-4.13E+00
1.77E+01	-9.30E+01	1.95E+02	-2.44E-02	-4.13E+00
1.77E+01	-9.30E+01	1.95E+02	-2.69E-02	-4.14E+00
1.77E+01	-9.30E+01	1.95E+02	-3.91E-02	-4.15E+00
1.78E+01	-9.30E+01	1.95E+02	-3.66E-02	-4.16E+00
1.78E+01	-9.30E+01	1.95E+02	-2.44E-02	-4.15E+00
1.78E+01	-9.30E+01	1.95E+02	-1.46E-02	-4.17E+00
1.78E+01	-9.30E+01	1.95E+02	-1.71E-02	-4.17E+00
1.78E+01	-9.30E+01	1.95E+02	-3.42E-02	-4.18E+00
1.79E+01	-9.30E+01	1.95E+02	-2.93E-02	-4.18E+00
1.79E+01	-9.30E+01	1.95E+02	-2.69E-02	-4.20E+00
1.79E+01	-9.30E+01	1.95E+02	-2.93E-02	-4.21E+00
1.79E+01	-9.30E+01	1.95E+02	-5.00E-02	-4.21E+00
1.79E+01	-9.30E+01	1.95E+02	-4.15E-02	-4.22E+00
1.80E+01	-9.30E+01	1.95E+02	-2.93E-02	-4.22E+00
1.80E+01	-9.30E+01	1.95E+02	-8.54E-03	-4.22E+00
1.80E+01	-9.30E+01	1.95E+02	-2.69E-02	-4.24E+00
1.80E+01	-9.30E+01	1.95E+02	-2.69E-02	-4.25E+00
1.80E+01	-9.30E+01	1.96E+02	-1.46E-02	-4.25E+00
1.81E+01	-9.30E+01	1.95E+02	-6.10E-03	-4.25E+00
1.81E+01	-9.30E+01	1.96E+02	-1.95E-02	-4.25E+00
1.81E+01	-9.30E+01	1.95E+02	-1.71E-02	-4.26E+00
1.81E+01	-9.30E+01	1.95E+02	-9.77E-03	-4.28E+00
1.81E+01	-9.30E+01	1.95E+02	4.88E-03	-4.28E+00
1.82E+01	-9.30E+01	1.95E+02	-1.22E-02	-4.30E+00
1.82E+01	-9.30E+01	1.95E+02	-1.83E-02	-4.29E+00
1.82E+01	-9.30E+01	1.96E+02	-2.69E-02	-4.30E+00
1.82E+01	-9.30E+01	1.95E+02	1.71E-02	-4.31E+00
1.82E+01	-9.30E+01	1.95E+02	7.32E-03	-4.32E+00
1.83E+01	-9.30E+01	1.95E+02	-9.77E-03	-4.32E+00
1.83E+01	-9.30E+01	1.95E+02	-6.10E-03	-4.33E+00
1.83E+01	-9.30E+01	1.95E+02	-1.59E-02	-4.33E+00
1.83E+01	-9.30E+01	1.95E+02	-1.95E-02	-4.35E+00
1.83E+01	-9.30E+01	1.95E+02	-4.15E-02	-4.35E+00
1.84E+01	-9.30E+01	1.95E+02	-3.05E-02	-4.35E+00
1.84E+01	-9.30E+01	1.95E+02	-3.05E-02	-4.36E+00
1.84E+01	-9.30E+01	1.95E+02	-2.08E-02	-4.37E+00
1.84E+01	-9.30E+01	1.95E+02	-2.20E-02	-4.38E+00
1.84E+01	-9.30E+01	1.95E+02	-3.05E-02	-4.38E+00
1.85E+01	-9.30E+01	1.95E+02	-3.42E-02	-4.39E+00

1.85E+01	-9.30E+01	1.95E+02	-2.69E-02	-4.41E+00
1.85E+01	-9.30E+01	1.94E+02	-3.42E-02	-4.42E+00
1.85E+01	-9.30E+01	1.95E+02	-3.42E-02	-4.42E+00
1.85E+01	-9.30E+01	1.94E+02	-3.17E-02	-4.43E+00
1.86E+01	-9.30E+01	1.95E+02	-1.34E-02	-4.44E+00
1.86E+01	-9.30E+01	1.94E+02	-3.78E-02	-4.45E+00
1.86E+01	-9.30E+01	1.95E+02	-2.93E-02	-4.45E+00
1.86E+01	-9.30E+01	1.94E+02	-2.93E-02	-4.46E+00
1.86E+01	-9.30E+01	1.94E+02	-3.05E-02	-4.46E+00
1.87E+01	-9.30E+01	1.94E+02	-2.20E-02	-4.47E+00
1.87E+01	-9.30E+01	1.94E+02	-3.66E-02	-4.47E+00
1.87E+01	-9.30E+01	1.94E+02	-2.56E-02	-4.48E+00
1.87E+01	-9.30E+01	1.95E+02	-2.93E-02	-4.49E+00
1.87E+01	-9.30E+01	1.94E+02	-4.88E-02	-4.49E+00
1.88E+01	-9.30E+01	1.95E+02	-3.30E-02	-4.50E+00
1.88E+01	-9.30E+01	1.95E+02	-2.69E-02	-4.51E+00
1.88E+01	-9.30E+01	1.94E+02	-4.03E-02	-4.52E+00
1.88E+01	-9.30E+01	1.95E+02	-3.42E-02	-4.53E+00
1.88E+01	-9.30E+01	1.94E+02	-5.98E-02	-4.54E+00
1.89E+01	-9.30E+01	1.94E+02	-3.66E-02	-4.54E+00
1.89E+01	-9.30E+01	1.94E+02	-2.44E-02	-4.55E+00
1.89E+01	-9.30E+01	1.94E+02	-7.32E-03	-4.56E+00
1.89E+01	-9.30E+01	1.94E+02	-3.91E-02	-4.56E+00
1.89E+01	-9.30E+01	1.95E+02	-3.91E-02	-4.56E+00
1.90E+01	-9.30E+01	1.94E+02	-8.54E-03	-4.58E+00
1.90E+01	-9.30E+01	1.94E+02	-1.95E-02	-4.59E+00
1.90E+01	-9.30E+01	1.95E+02	-1.95E-02	-4.59E+00
1.90E+01	-9.30E+01	1.94E+02	-1.59E-02	-4.59E+00
1.90E+01	-9.30E+01	1.94E+02	-9.77E-03	-4.61E+00
1.91E+01	-9.30E+01	1.94E+02	1.22E-02	-4.61E+00
1.91E+01	-9.30E+01	1.94E+02	-8.54E-03	-4.62E+00
1.91E+01	-9.30E+01	1.94E+02	0.00E+00	-4.61E+00
1.91E+01	-9.30E+01	1.95E+02	-1.22E-02	-4.62E+00
1.91E+01	-9.30E+01	1.95E+02	-1.83E-02	-4.63E+00
1.92E+01	-9.30E+01	1.94E+02	-3.42E-02	-4.63E+00
1.92E+01	-9.30E+01	1.94E+02	-1.71E-02	-4.64E+00
1.92E+01	-9.30E+01	1.95E+02	-7.32E-03	-4.64E+00
1.92E+01	-9.30E+01	1.94E+02	-7.32E-03	-4.66E+00
1.92E+01	-9.30E+01	1.95E+02	-7.32E-03	-4.66E+00
1.93E+01	-9.30E+01	1.95E+02	-4.88E-02	-4.67E+00
1.93E+01	-9.30E+01	1.95E+02	-2.20E-02	-4.67E+00
1.93E+01	-9.30E+01	1.95E+02	-4.64E-02	-4.70E+00
1.93E+01	-9.30E+01	1.95E+02	-3.42E-02	-4.70E+00
1.93E+01	-9.30E+01	1.95E+02	-4.15E-02	-4.71E+00
1.94E+01	-9.30E+01	1.95E+02	-5.13E-02	-4.72E+00
1.94E+01	-9.30E+01	1.95E+02	-2.20E-02	-4.71E+00
1.94E+01	-9.30E+01	1.95E+02	-2.08E-02	-4.73E+00

1.94E+01	-9.30E+01	1.95E+02	-2.20E-02	-4.73E+00
1.94E+01	-9.30E+01	1.95E+02	-2.69E-02	-4.73E+00
1.95E+01	-9.30E+01	1.95E+02	-1.71E-02	-4.75E+00
1.95E+01	-9.30E+01	1.95E+02	-1.83E-02	-4.76E+00
1.95E+01	-9.30E+01	1.95E+02	-1.22E-03	-4.77E+00
1.95E+01	-9.30E+01	1.95E+02	4.88E-03	-4.77E+00
1.95E+01	-9.30E+01	1.95E+02	-1.34E-02	-4.77E+00
1.96E+01	-9.30E+01	1.95E+02	2.44E-03	-4.78E+00
1.96E+01	-9.30E+01	1.95E+02	-7.32E-03	-4.79E+00
1.96E+01	-9.30E+01	1.95E+02	-2.32E-02	-4.81E+00
1.96E+01	-9.30E+01	1.95E+02	-1.95E-02	-4.80E+00
1.96E+01	-9.30E+01	1.95E+02	-1.95E-02	-4.81E+00
1.97E+01	-9.30E+01	1.95E+02	1.95E-02	-4.82E+00
1.97E+01	-9.30E+01	1.95E+02	-2.20E-02	-4.83E+00
1.97E+01	-9.30E+01	1.95E+02	-2.81E-02	-4.83E+00
1.97E+01	-9.30E+01	1.95E+02	-6.84E-02	-4.85E+00
1.97E+01	-9.30E+01	1.95E+02	-3.91E-02	-4.83E+00
1.98E+01	-9.30E+01	1.95E+02	-5.13E-02	-4.85E+00
1.98E+01	-9.30E+01	1.95E+02	-3.05E-02	-4.85E+00
1.98E+01	-9.30E+01	1.96E+02	-2.69E-02	-4.87E+00
1.98E+01	-9.30E+01	1.95E+02	-5.86E-02	-4.88E+00
1.98E+01	-9.30E+01	1.96E+02	-3.42E-02	-4.88E+00
1.99E+01	-9.30E+01	1.95E+02	-3.66E-02	-4.88E+00
1.99E+01	-9.30E+01	1.96E+02	-2.93E-02	-4.89E+00
1.99E+01	-9.30E+01	1.95E+02	-2.93E-02	-4.90E+00
1.99E+01	-9.30E+01	1.96E+02	-2.56E-02	-4.91E+00
1.99E+01	-9.30E+01	1.95E+02	-2.32E-02	-4.91E+00
2.00E+01	-9.30E+01	1.96E+02	-4.88E-03	-4.91E+00
2.00E+01	-9.30E+01	1.96E+02	-2.20E-02	-4.93E+00
2.00E+01	-9.30E+01	1.96E+02	-1.59E-02	-4.94E+00
2.00E+01	-9.30E+01	1.96E+02	-8.54E-03	-4.94E+00
2.00E+01	-9.30E+01	1.96E+02	-2.44E-03	-4.95E+00
2.01E+01	-9.30E+01	1.96E+02	1.10E-02	-4.95E+00
2.01E+01	-9.30E+01	1.96E+02	0.00E+00	-4.95E+00
2.01E+01	-9.30E+01	1.96E+02	-1.83E-02	-4.96E+00
2.01E+01	-9.30E+01	1.96E+02	-4.88E-03	-4.97E+00
2.01E+01	-9.30E+01	1.96E+02	-3.54E-02	-4.98E+00
2.02E+01	-9.30E+01	1.96E+02	-3.66E-02	-4.99E+00
2.02E+01	-9.30E+01	1.96E+02	-7.32E-03	-4.99E+00
2.02E+01	-9.30E+01	1.96E+02	-2.44E-02	-5.01E+00
2.02E+01	-9.30E+01	1.96E+02	-3.42E-02	-5.01E+00
2.02E+01	-9.30E+01	1.96E+02	-2.69E-02	-5.02E+00
2.03E+01	-9.30E+01	1.96E+02	-3.30E-02	-5.02E+00
2.03E+01	-9.30E+01	1.96E+02	-2.56E-02	-5.03E+00
2.03E+01	-9.30E+01	1.96E+02	-2.08E-02	-5.04E+00
2.03E+01	-9.30E+01	1.97E+02	-8.54E-03	-5.04E+00
2.03E+01	-9.30E+01	1.97E+02	-4.15E-02	-5.05E+00

2.04E+01	-9.30E+01	1.97E+02	-9.77E-03	-5.05E+00
2.04E+01	-9.30E+01	1.97E+02	1.59E-02	-5.07E+00
2.04E+01	-9.30E+01	1.97E+02	-1.46E-02	-5.07E+00
2.04E+01	-9.30E+01	1.97E+02	-4.88E-03	-5.07E+00
2.04E+01	-9.30E+01	1.97E+02	-1.22E-03	-5.07E+00
2.05E+01	-9.30E+01	1.97E+02	-4.88E-03	-5.09E+00
2.05E+01	-9.30E+01	1.97E+02	-2.08E-02	-5.09E+00
2.05E+01	-9.30E+01	1.97E+02	-3.66E-03	-5.09E+00
2.05E+01	-9.30E+01	1.97E+02	-2.44E-03	-5.10E+00
2.05E+01	-9.30E+01	1.97E+02	-9.77E-03	-5.12E+00
2.06E+01	-9.30E+01	1.97E+02	0.00E+00	-5.12E+00
2.06E+01	-9.30E+01	1.97E+02	-3.54E-02	-5.12E+00
2.06E+01	-9.30E+01	1.97E+02	-7.32E-03	-5.14E+00
2.06E+01	-9.30E+01	1.97E+02	-1.46E-02	-5.15E+00
2.06E+01	-9.30E+01	1.97E+02	-1.95E-02	-5.16E+00
2.07E+01	-9.30E+01	1.97E+02	-1.46E-02	-5.16E+00
2.07E+01	-9.30E+01	1.97E+02	-7.32E-03	-5.17E+00
2.07E+01	-9.30E+01	1.97E+02	-2.44E-02	-5.18E+00
2.07E+01	-9.30E+01	1.97E+02	-2.69E-02	-5.19E+00
2.07E+01	-9.30E+01	1.97E+02	-4.52E-02	-5.19E+00
2.08E+01	-9.30E+01	1.97E+02	-3.17E-02	-5.20E+00
2.08E+01	-9.30E+01	1.97E+02	-1.22E-03	-5.19E+00
2.08E+01	-9.30E+01	1.98E+02	-2.93E-02	-5.22E+00
2.08E+01	-9.30E+01	1.97E+02	-2.08E-02	-5.22E+00
2.08E+01	-9.30E+01	1.97E+02	-4.88E-03	-5.22E+00
2.09E+01	-9.30E+01	1.97E+02	-4.88E-03	-5.23E+00
2.09E+01	-9.30E+01	1.97E+02	1.22E-03	-5.23E+00
2.09E+01	-9.30E+01	1.97E+02	-3.66E-03	-5.24E+00
2.09E+01	-9.30E+01	1.97E+02	-2.44E-03	-5.23E+00
2.09E+01	-9.30E+01	1.98E+02	2.20E-02	-5.24E+00
2.10E+01	-9.30E+01	1.97E+02	3.66E-03	-5.26E+00
2.10E+01	-9.30E+01	1.98E+02	-1.22E-02	-5.26E+00
2.10E+01	-9.30E+01	1.98E+02	7.32E-03	-5.26E+00
2.10E+01	-9.30E+01	1.98E+02	-9.77E-03	-5.28E+00
2.10E+01	-9.30E+01	1.98E+02	-4.88E-03	-5.28E+00
2.11E+01	-9.30E+01	1.97E+02	-4.88E-03	-5.29E+00
2.11E+01	-9.30E+01	1.98E+02	-2.20E-02	-5.31E+00
2.11E+01	-9.30E+01	1.98E+02	-2.56E-02	-5.30E+00
2.11E+01	-9.30E+01	1.98E+02	-1.46E-02	-5.31E+00
2.11E+01	-9.30E+01	1.98E+02	-2.44E-02	-5.31E+00
2.12E+01	-9.30E+01	1.98E+02	-5.62E-02	-5.33E+00
2.12E+01	-9.30E+01	1.98E+02	-3.42E-02	-5.33E+00
2.12E+01	-9.30E+01	1.98E+02	-1.34E-02	-5.33E+00
2.12E+01	-9.30E+01	1.98E+02	9.77E-03	-5.34E+00
2.12E+01	-9.30E+01	1.98E+02	-1.34E-02	-5.34E+00
2.13E+01	-9.30E+01	1.98E+02	-1.22E-02	-5.36E+00
2.13E+01	-9.30E+01	1.98E+02	-7.32E-03	-5.37E+00

2.13E+01	-9.30E+01	1.98E+02	-7.32E-03	-5.37E+00
2.13E+01	-9.30E+01	1.98E+02	-2.20E-02	-5.38E+00
2.13E+01	-9.30E+01	1.98E+02	-3.17E-02	-5.39E+00
2.14E+01	-9.30E+01	1.98E+02	-1.10E-02	-5.39E+00
2.14E+01	-9.30E+01	1.98E+02	-3.17E-02	-5.41E+00
2.14E+01	-9.30E+01	1.98E+02	-1.71E-02	-5.41E+00
2.14E+01	-9.30E+01	1.98E+02	-2.44E-02	-5.43E+00
2.14E+01	-9.30E+01	1.97E+02	-3.66E-02	-5.43E+00
2.15E+01	-9.30E+01	1.98E+02	-1.83E-02	-5.43E+00
2.15E+01	-9.30E+01	1.98E+02	2.44E-03	-5.44E+00
2.15E+01	-9.30E+01	1.98E+02	-1.22E-02	-5.45E+00
2.15E+01	-9.30E+01	1.98E+02	-1.95E-02	-5.46E+00
2.15E+01	-9.30E+01	1.98E+02	-2.44E-03	-5.45E+00
2.16E+01	-9.30E+01	1.98E+02	-3.66E-03	-5.47E+00
2.16E+01	-9.30E+01	1.98E+02	-7.32E-03	-5.48E+00
2.16E+01	-9.30E+01	1.98E+02	-1.22E-03	-5.48E+00
2.16E+01	-9.30E+01	1.98E+02	-8.54E-03	-5.48E+00
2.16E+01	-9.30E+01	1.98E+02	-1.10E-02	-5.48E+00
2.17E+01	-9.30E+01	1.98E+02	-1.22E-03	-5.50E+00
2.17E+01	-9.30E+01	1.98E+02	-1.95E-02	-5.50E+00
2.17E+01	-9.30E+01	1.98E+02	-1.46E-02	-5.51E+00
2.17E+01	-9.30E+01	1.98E+02	-9.77E-03	-5.51E+00
2.17E+01	-9.30E+01	1.98E+02	-7.32E-03	-5.53E+00
2.18E+01	-9.30E+01	1.98E+02	-2.93E-02	-5.54E+00
2.18E+01	-9.30E+01	1.98E+02	1.22E-03	-5.54E+00
2.18E+01	-9.30E+01	1.98E+02	-9.77E-03	-5.54E+00
2.18E+01	-9.30E+01	1.98E+02	-3.42E-02	-5.55E+00
2.18E+01	-9.30E+01	1.98E+02	-4.88E-03	-5.56E+00
2.19E+01	-9.30E+01	1.98E+02	7.32E-03	-5.57E+00
2.19E+01	-9.30E+01	1.98E+02	2.44E-03	-5.58E+00
2.19E+01	-9.30E+01	1.98E+02	-7.32E-03	-5.59E+00
2.19E+01	-9.30E+01	1.98E+02	-1.71E-02	-5.59E+00
2.19E+01	-9.30E+01	1.98E+02	-2.69E-02	-5.60E+00
2.20E+01	-9.30E+01	1.98E+02	-2.32E-02	-5.62E+00
2.20E+01	-9.30E+01	1.98E+02	-2.69E-02	-5.61E+00
2.20E+01	-9.30E+01	1.98E+02	-3.17E-02	-5.61E+00
2.20E+01	-9.30E+01	1.98E+02	-1.46E-02	-5.62E+00
2.20E+01	-9.30E+01	1.98E+02	-2.69E-02	-5.64E+00
2.21E+01	-9.30E+01	1.98E+02	-1.46E-02	-5.64E+00
2.21E+01	-9.30E+01	1.98E+02	-1.34E-02	-5.65E+00
2.21E+01	-9.30E+01	1.98E+02	0.00E+00	-5.66E+00
2.21E+01	-9.30E+01	1.98E+02	-4.64E-02	-5.65E+00
2.21E+01	-9.30E+01	1.98E+02	-4.88E-03	-5.66E+00
2.22E+01	-9.30E+01	1.98E+02	2.44E-03	-5.67E+00
2.22E+01	-9.30E+01	1.98E+02	6.10E-03	-5.68E+00
2.22E+01	-9.30E+01	1.98E+02	-4.88E-03	-5.70E+00
2.22E+01	-9.30E+01	1.98E+02	0.00E+00	-5.70E+00

2.22E+01	-9.30E+01	1.98E+02	-1.34E-02	-5.70E+00
2.23E+01	-9.30E+01	1.98E+02	4.88E-03	-5.71E+00
2.23E+01	-9.30E+01	1.98E+02	1.10E-02	-5.72E+00
2.23E+01	-9.30E+01	1.98E+02	-4.88E-03	-5.73E+00
2.23E+01	-9.30E+01	1.98E+02	-6.10E-03	-5.74E+00
2.23E+01	-9.30E+01	1.99E+02	-7.32E-03	-5.74E+00
2.24E+01	-9.30E+01	1.98E+02	-2.44E-03	-5.74E+00
2.24E+01	-9.30E+01	1.98E+02	2.44E-02	-5.74E+00
2.24E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.75E+00
2.24E+01	-9.30E+01	1.99E+02	-1.95E-02	-5.76E+00
2.24E+01	-9.30E+01	1.98E+02	-2.32E-02	-5.78E+00
2.25E+01	-9.30E+01	1.98E+02	-3.17E-02	-5.78E+00
2.25E+01	-9.30E+01	1.99E+02	-2.69E-02	-5.79E+00
2.25E+01	-9.30E+01	1.98E+02	-1.95E-02	-5.79E+00
2.25E+01	-9.30E+01	1.99E+02	-2.69E-02	-5.80E+00
2.25E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.81E+00
2.26E+01	-9.30E+01	1.99E+02	-2.69E-02	-5.81E+00
2.26E+01	-9.30E+01	1.99E+02	-2.93E-02	-5.81E+00
2.26E+01	-9.30E+01	1.99E+02	-9.77E-03	-5.83E+00
2.26E+01	-9.30E+01	1.99E+02	-2.44E-02	-5.85E+00
2.26E+01	-9.30E+01	1.99E+02	-1.71E-02	-5.85E+00
2.27E+01	-9.30E+01	1.99E+02	-2.44E-02	-5.86E+00
2.27E+01	-9.30E+01	1.99E+02	-1.10E-02	-5.87E+00
2.27E+01	-9.30E+01	1.99E+02	-7.32E-03	-5.88E+00
2.27E+01	-9.30E+01	1.99E+02	-1.10E-02	-5.88E+00
2.27E+01	-9.30E+01	1.99E+02	6.10E-03	-5.88E+00
2.28E+01	-9.30E+01	1.99E+02	7.32E-03	-5.89E+00
2.28E+01	-9.30E+01	1.98E+02	6.10E-03	-5.89E+00
2.28E+01	-9.30E+01	1.98E+02	7.32E-03	-5.90E+00
2.28E+01	-9.30E+01	1.98E+02	-1.10E-02	-5.91E+00
2.28E+01	-9.30E+01	1.99E+02	3.66E-03	-5.92E+00
2.29E+01	-9.30E+01	1.99E+02	0.00E+00	-5.92E+00
2.29E+01	-9.30E+01	1.99E+02	3.66E-03	-5.93E+00
2.29E+01	-9.30E+01	1.99E+02	9.77E-03	-5.94E+00
2.29E+01	-9.30E+01	1.99E+02	-2.69E-02	-5.95E+00
2.29E+01	-9.30E+01	1.99E+02	0.00E+00	-5.94E+00
2.30E+01	-9.30E+01	1.99E+02	-7.32E-03	-5.96E+00
2.30E+01	-9.30E+01	1.99E+02	3.66E-03	-5.97E+00
2.30E+01	-9.30E+01	1.99E+02	-2.08E-02	-5.97E+00
2.30E+01	-9.30E+01	1.99E+02	-1.34E-02	-5.97E+00
2.30E+01	-9.30E+01	1.99E+02	-1.22E-02	-5.98E+00
2.31E+01	-9.30E+01	1.99E+02	2.44E-03	-5.99E+00
2.31E+01	-9.30E+01	1.99E+02	-2.69E-02	-6.00E+00
2.31E+01	-9.30E+01	1.99E+02	-1.34E-02	-6.00E+00
2.31E+01	-9.30E+01	1.99E+02	-2.20E-02	-6.01E+00
2.31E+01	-9.30E+01	1.99E+02	-2.20E-02	-6.02E+00
2.32E+01	-9.30E+01	1.99E+02	-3.17E-02	-6.02E+00

2.32E+01	-9.30E+01	1.99E+02	-2.69E-02	-6.03E+00
2.32E+01	-9.30E+01	1.99E+02	-4.88E-02	-6.05E+00
2.32E+01	-9.30E+01	1.99E+02	-3.42E-02	-6.04E+00
2.32E+01	-9.30E+01	1.99E+02	-1.46E-02	-6.04E+00
2.33E+01	-9.30E+01	1.99E+02	-3.17E-02	-6.07E+00
2.33E+01	-9.30E+01	1.99E+02	-3.66E-02	-6.07E+00
2.33E+01	-9.30E+01	1.99E+02	-3.17E-02	-6.08E+00
2.33E+01	-9.30E+01	1.99E+02	-3.91E-02	-6.09E+00
2.33E+01	-9.30E+01	1.98E+02	-2.69E-02	-6.10E+00
2.34E+01	-9.30E+01	1.99E+02	-4.52E-02	-6.10E+00
2.34E+01	-9.30E+01	1.99E+02	-3.54E-02	-6.11E+00
2.34E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.12E+00
2.34E+01	-9.30E+01	1.99E+02	-2.20E-02	-6.12E+00
2.34E+01	-9.30E+01	1.99E+02	-2.56E-02	-6.14E+00
2.35E+01	-9.30E+01	1.99E+02	-2.69E-02	-6.15E+00
2.35E+01	-9.30E+01	1.99E+02	-2.69E-02	-6.15E+00
2.35E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.15E+00
2.35E+01	-9.30E+01	1.99E+02	0.00E+00	-6.17E+00
2.35E+01	-9.30E+01	1.99E+02	-3.66E-02	-6.17E+00
2.36E+01	-9.30E+01	1.99E+02	-1.71E-02	-6.18E+00
2.36E+01	-9.30E+01	1.99E+02	-1.22E-03	-6.18E+00
2.36E+01	-9.30E+01	1.99E+02	3.66E-03	-6.19E+00
2.36E+01	-9.30E+01	1.99E+02	-2.20E-02	-6.18E+00
2.36E+01	-9.30E+01	1.99E+02	-1.95E-02	-6.19E+00
2.37E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.20E+00
2.37E+01	-9.30E+01	1.99E+02	-3.42E-02	-6.21E+00
2.37E+01	-9.30E+01	1.99E+02	-3.91E-02	-6.22E+00
2.37E+01	-9.30E+01	1.99E+02	-3.91E-02	-6.24E+00
2.37E+01	-9.30E+01	1.99E+02	-4.39E-02	-6.24E+00
2.38E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.24E+00
2.38E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.26E+00
2.38E+01	-9.30E+01	1.99E+02	2.44E-03	-6.26E+00
2.38E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.27E+00
2.38E+01	-9.30E+01	1.99E+02	-1.46E-02	-6.28E+00
2.39E+01	-9.30E+01	1.99E+02	-2.08E-02	-6.28E+00
2.39E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.29E+00
2.39E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.29E+00
2.39E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.30E+00
2.39E+01	-9.30E+01	1.99E+02	-2.20E-02	-6.30E+00
2.40E+01	-9.30E+01	1.99E+02	-2.44E-03	-6.30E+00
2.40E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.32E+00
2.40E+01	-9.30E+01	1.99E+02	-2.44E-03	-6.33E+00
2.40E+01	-9.30E+01	1.99E+02	3.66E-03	-6.35E+00
2.40E+01	-9.30E+01	1.99E+02	-1.95E-02	-6.34E+00
2.41E+01	-9.30E+01	1.99E+02	-4.88E-03	-6.35E+00
2.41E+01	-9.30E+01	1.99E+02	-1.95E-02	-6.36E+00
2.41E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.36E+00

2.41E+01	-9.30E+01	1.99E+02	3.66E-03	-6.36E+00
2.41E+01	-9.30E+01	1.99E+02	1.22E-02	-6.37E+00
2.42E+01	-9.30E+01	2.00E+02	-1.59E-02	-6.37E+00
2.42E+01	-9.30E+01	2.00E+02	-6.10E-03	-6.38E+00
2.42E+01	-9.30E+01	1.99E+02	-3.42E-02	-6.39E+00
2.42E+01	-9.30E+01	1.99E+02	-3.66E-02	-6.40E+00
2.42E+01	-9.30E+01	1.99E+02	-3.66E-02	-6.42E+00
2.43E+01	-9.30E+01	1.99E+02	-2.69E-02	-6.43E+00
2.43E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.42E+00
2.43E+01	-9.30E+01	2.00E+02	-4.15E-02	-6.44E+00
2.43E+01	-9.30E+01	1.99E+02	-1.10E-02	-6.44E+00
2.43E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.45E+00
2.44E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.46E+00
2.44E+01	-9.30E+01	1.99E+02	-1.71E-02	-6.46E+00
2.44E+01	-9.30E+01	1.99E+02	6.10E-03	-6.46E+00
2.44E+01	-9.30E+01	1.99E+02	-3.66E-03	-6.48E+00
2.44E+01	-9.30E+01	1.99E+02	-2.08E-02	-6.48E+00
2.45E+01	-9.30E+01	1.99E+02	-1.95E-02	-6.50E+00
2.45E+01	-9.30E+01	1.99E+02	-2.20E-02	-6.51E+00
2.45E+01	-9.30E+01	2.00E+02	-2.44E-03	-6.51E+00
2.45E+01	-9.30E+01	1.99E+02	-4.88E-03	-6.51E+00
2.45E+01	-9.30E+01	2.00E+02	-1.10E-02	-6.52E+00
2.46E+01	-9.30E+01	1.99E+02	2.44E-03	-6.53E+00
2.46E+01	-9.30E+01	1.99E+02	3.66E-03	-6.52E+00
2.46E+01	-9.30E+01	2.00E+02	-1.22E-02	-6.52E+00
2.46E+01	-9.30E+01	2.00E+02	-2.20E-02	-6.54E+00
2.46E+01	-9.30E+01	2.00E+02	-2.32E-02	-6.55E+00
2.47E+01	-9.30E+01	2.00E+02	6.10E-03	-6.54E+00
2.47E+01	-9.30E+01	1.99E+02	-9.77E-03	-6.56E+00
2.47E+01	-9.30E+01	2.00E+02	-2.44E-02	-6.57E+00
2.47E+01	-9.30E+01	2.00E+02	-1.71E-02	-6.57E+00
2.47E+01	-9.30E+01	2.00E+02	-2.69E-02	-6.58E+00
2.48E+01	-9.30E+01	2.00E+02	-1.46E-02	-6.59E+00
2.48E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.59E+00
2.48E+01	-9.30E+01	2.00E+02	-8.54E-03	-6.59E+00
2.48E+01	-9.30E+01	2.00E+02	-2.20E-02	-6.61E+00
2.48E+01	-9.30E+01	2.00E+02	-4.27E-02	-6.61E+00
2.49E+01	-9.30E+01	2.00E+02	-1.59E-02	-6.63E+00
2.49E+01	-9.30E+01	2.00E+02	-1.95E-02	-6.64E+00
2.49E+01	-9.30E+01	2.00E+02	-2.56E-02	-6.65E+00
2.49E+01	-9.30E+01	2.00E+02	-3.66E-02	-6.64E+00
2.49E+01	-9.30E+01	2.00E+02	-3.54E-02	-6.66E+00
2.50E+01	-9.30E+01	2.00E+02	-2.93E-02	-6.67E+00
2.50E+01	-9.30E+01	2.00E+02	-5.86E-02	-6.69E+00
2.50E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.68E+00
2.50E+01	-9.30E+01	2.00E+02	-4.88E-03	-6.69E+00
2.50E+01	-9.30E+01	2.00E+02	-2.44E-03	-6.70E+00

2.51E+01	-9.30E+01	2.00E+02	-2.32E-02	-6.72E+00
2.51E+01	-9.30E+01	2.00E+02	-1.34E-02	-6.71E+00
2.51E+01	-9.30E+01	2.00E+02	-3.17E-02	-6.72E+00
2.51E+01	-9.30E+01	2.00E+02	-6.10E-03	-6.73E+00
2.51E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.73E+00
2.52E+01	-9.30E+01	1.99E+02	-1.59E-02	-6.73E+00
2.52E+01	-9.30E+01	2.00E+02	0.00E+00	-6.74E+00
2.52E+01	-9.30E+01	2.00E+02	-1.22E-03	-6.75E+00
2.52E+01	-9.30E+01	2.00E+02	7.32E-03	-6.76E+00
2.52E+01	-9.30E+01	2.00E+02	-1.22E-02	-6.77E+00
2.53E+01	-9.30E+01	2.00E+02	-4.88E-03	-6.77E+00
2.53E+01	-9.30E+01	2.00E+02	9.77E-03	-6.78E+00
2.53E+01	-9.30E+01	2.00E+02	-1.10E-02	-6.78E+00
2.53E+01	-9.30E+01	2.00E+02	6.10E-03	-6.79E+00
2.53E+01	-9.30E+01	2.00E+02	-7.32E-03	-6.80E+00
2.54E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.80E+00
2.54E+01	-9.30E+01	2.00E+02	-1.46E-02	-6.80E+00
2.54E+01	-9.30E+01	2.00E+02	3.66E-03	-6.81E+00
2.54E+01	-9.30E+01	2.00E+02	9.77E-03	-6.82E+00
2.54E+01	-9.30E+01	2.00E+02	6.10E-03	-6.83E+00
2.55E+01	-9.30E+01	2.00E+02	-1.46E-02	-6.85E+00
2.55E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.85E+00
2.55E+01	-9.30E+01	2.00E+02	-2.32E-02	-6.86E+00
2.55E+01	-9.30E+01	2.00E+02	0.00E+00	-6.86E+00
2.55E+01	-9.30E+01	2.00E+02	1.71E-02	-6.88E+00
2.56E+01	-9.30E+01	2.00E+02	0.00E+00	-6.87E+00
2.56E+01	-9.30E+01	2.01E+02	-9.77E-03	-6.89E+00
2.56E+01	-9.30E+01	2.00E+02	1.22E-02	-6.89E+00
2.56E+01	-9.30E+01	2.00E+02	1.59E-02	-6.89E+00
2.56E+01	-9.30E+01	2.00E+02	-7.32E-03	-6.90E+00
2.57E+01	-9.30E+01	2.00E+02	-1.22E-02	-6.90E+00
2.57E+01	-9.30E+01	2.00E+02	-7.32E-03	-6.91E+00
2.57E+01	-9.30E+01	2.00E+02	-8.54E-03	-6.92E+00
2.57E+01	-9.30E+01	2.00E+02	0.00E+00	-6.93E+00
2.57E+01	-9.30E+01	2.00E+02	-3.66E-03	-6.94E+00
2.58E+01	-9.30E+01	2.01E+02	-4.64E-02	-6.95E+00
2.58E+01	-9.30E+01	2.01E+02	-1.34E-02	-6.94E+00
2.58E+01	-9.30E+01	2.01E+02	-3.42E-02	-6.96E+00
2.58E+01	-9.30E+01	2.01E+02	-3.78E-02	-6.97E+00
2.58E+01	-9.30E+01	2.01E+02	-3.78E-02	-6.97E+00
2.59E+01	-9.30E+01	2.01E+02	-2.20E-02	-6.98E+00
2.59E+01	-9.30E+01	2.01E+02	-7.32E-03	-6.99E+00
2.59E+01	-9.30E+01	2.01E+02	-2.32E-02	-7.00E+00
2.59E+01	-9.30E+01	2.01E+02	-4.15E-02	-7.00E+00
2.59E+01	-9.30E+01	2.01E+02	-1.95E-02	-7.01E+00
2.60E+01	-9.30E+01	2.01E+02	-2.56E-02	-7.02E+00
2.60E+01	-9.30E+01	2.01E+02	-2.32E-02	-7.03E+00

2.60E+01	-9.30E+01	2.01E+02	-2.93E-02	-7.04E+00
2.60E+01	-9.30E+01	2.01E+02	-1.83E-02	-7.03E+00
2.60E+01	-9.30E+01	2.01E+02	4.88E-03	-7.04E+00
2.61E+01	-9.30E+01	2.01E+02	-4.88E-03	-7.05E+00
2.61E+01	-9.30E+01	2.01E+02	-7.32E-03	-7.05E+00
2.61E+01	-9.30E+01	2.01E+02	-9.77E-03	-7.06E+00
2.61E+01	-9.30E+01	2.02E+02	-9.77E-03	-7.07E+00
2.61E+01	-9.30E+01	2.01E+02	1.46E-02	-7.07E+00
2.62E+01	-9.30E+01	2.01E+02	-1.71E-02	-7.07E+00
2.62E+01	-9.30E+01	2.01E+02	-1.71E-02	-7.09E+00
2.62E+01	-9.30E+01	2.01E+02	-4.88E-03	-7.09E+00
2.62E+01	-9.30E+01	2.00E+02	7.32E-03	-7.10E+00
2.62E+01	-9.30E+01	2.00E+02	-1.71E-02	-7.10E+00
2.63E+01	-9.30E+01	1.99E+02	-2.69E-02	-7.09E+00
2.63E+01	-9.30E+01	1.97E+02	-2.81E-02	-7.10E+00
2.63E+01	-9.30E+01	1.94E+02	-1.71E-02	-7.10E+00
2.63E+01	-9.30E+01	1.88E+02	-2.93E-02	-7.10E+00
2.63E+01	-9.30E+01	1.84E+02	-3.78E-02	-7.10E+00
2.64E+01	-9.30E+01	1.82E+02	-3.17E-02	-7.09E+00
2.64E+01	-9.30E+01	1.82E+02	-2.93E-02	-7.10E+00
2.64E+01	-9.30E+01	1.84E+02	-2.32E-02	-7.10E+00
2.64E+01	-9.30E+01	1.87E+02	-4.15E-02	-7.09E+00
2.64E+01	-9.30E+01	1.91E+02	-4.64E-02	-7.10E+00
2.65E+01	-9.30E+01	1.94E+02	-1.71E-02	-7.10E+00
2.65E+01	-9.30E+01	1.93E+02	-2.93E-02	-7.11E+00
2.65E+01	-9.30E+01	1.91E+02	-1.95E-02	-7.11E+00
2.65E+01	-9.30E+01	1.88E+02	-1.22E-02	-7.10E+00
2.65E+01	-9.30E+01	1.86E+02	1.10E-02	-7.10E+00
2.66E+01	-9.30E+01	1.85E+02	-2.44E-02	-7.10E+00
2.66E+01	-9.30E+01	1.85E+02	-2.44E-02	-7.11E+00
2.66E+01	-9.30E+01	1.84E+02	-2.69E-02	-7.10E+00
2.66E+01	-9.30E+01	1.84E+02	-2.20E-02	-7.10E+00
2.66E+01	-9.30E+01	1.84E+02	-1.22E-02	-7.09E+00
2.67E+01	-9.30E+01	1.84E+02	-4.88E-03	-7.09E+00
2.67E+01	-9.30E+01	1.83E+02	-9.77E-03	-7.09E+00
2.67E+01	-9.30E+01	1.83E+02	1.22E-03	-7.08E+00
2.67E+01	-9.30E+01	1.84E+02	-1.22E-02	-7.07E+00
2.67E+01	-9.30E+01	1.83E+02	-2.56E-02	-7.08E+00
2.68E+01	-9.30E+01	1.83E+02	-1.46E-02	-7.08E+00
2.68E+01	-9.30E+01	1.83E+02	-3.30E-02	-7.08E+00
2.68E+01	-9.30E+01	1.83E+02	-2.81E-02	-7.09E+00
2.68E+01	-9.30E+01	1.83E+02	-3.05E-02	-7.08E+00
2.68E+01	-9.30E+01	1.83E+02	-5.13E-02	-7.08E+00
2.69E+01	-9.30E+01	1.83E+02	-1.71E-02	-7.08E+00
2.69E+01	-9.30E+01	1.83E+02	-1.71E-02	-7.09E+00
2.69E+01	-9.30E+01	1.83E+02	-3.42E-02	-7.08E+00
2.69E+01	-9.30E+01	1.83E+02	-2.69E-02	-7.08E+00

2.69E+01	-9.30E+01	1.83E+02	-2.20E-02	-7.07E+00
2.70E+01	-9.30E+01	1.83E+02	1.46E-02	-7.07E+00
2.70E+01	-9.30E+01	1.83E+02	-7.32E-03	-7.05E+00
2.70E+01	-9.30E+01	1.83E+02	-2.20E-02	-7.06E+00
2.70E+01	-9.30E+01	1.83E+02	-3.66E-02	-7.06E+00
2.70E+01	-9.30E+01	1.83E+02	-3.66E-02	-7.07E+00
2.71E+01	-9.30E+01	1.83E+02	4.88E-03	-7.07E+00
2.71E+01	-9.30E+01	1.83E+02	0.00E+00	-7.06E+00
2.71E+01	-9.30E+01	1.83E+02	3.66E-03	-7.06E+00
2.71E+01	-9.30E+01	1.82E+02	-2.69E-02	-7.07E+00
2.71E+01	-9.30E+01	1.83E+02	-3.17E-02	-7.05E+00
2.72E+01	-9.30E+01	1.83E+02	-2.69E-02	-7.06E+00
2.72E+01	-9.30E+01	1.82E+02	-1.10E-02	-7.06E+00
2.72E+01	-9.30E+01	1.82E+02	-1.71E-02	-7.04E+00
2.72E+01	-9.30E+01	1.82E+02	-2.44E-03	-7.05E+00
2.72E+01	-9.30E+01	1.83E+02	-1.10E-02	-7.05E+00
2.73E+01	-9.30E+01	1.83E+02	-3.66E-03	-7.04E+00
2.73E+01	-9.30E+01	1.83E+02	-4.88E-03	-7.04E+00
2.73E+01	-9.30E+01	1.83E+02	-1.46E-02	-7.04E+00
2.73E+01	-9.30E+01	1.83E+02	-7.32E-03	-7.03E+00
2.73E+01	-9.30E+01	1.83E+02	-4.88E-03	-7.03E+00
2.74E+01	-9.30E+01	1.83E+02	-2.08E-02	-7.03E+00
2.74E+01	-9.30E+01	1.82E+02	4.88E-03	-7.03E+00
2.74E+01	-9.30E+01	1.83E+02	-7.32E-03	-7.03E+00
2.74E+01	-9.30E+01	1.83E+02	-1.10E-02	-7.02E+00
2.74E+01	-9.30E+01	1.83E+02	0.00E+00	-7.03E+00
2.75E+01	-9.30E+01	1.83E+02	1.46E-02	-7.03E+00
2.75E+01	-9.30E+01	1.82E+02	9.77E-03	-7.03E+00
2.75E+01	-9.30E+01	1.83E+02	-6.10E-03	-7.01E+00
2.75E+01	-9.30E+01	1.82E+02	2.44E-03	-7.01E+00
2.75E+01	-9.30E+01	1.82E+02	-4.88E-03	-7.02E+00
2.76E+01	-9.30E+01	1.83E+02	0.00E+00	-7.02E+00
2.76E+01	-9.30E+01	1.83E+02	8.54E-03	-7.01E+00
2.76E+01	-9.30E+01	1.83E+02	-9.77E-03	-7.00E+00
2.76E+01	-9.30E+01	1.83E+02	-1.95E-02	-7.01E+00
2.76E+01	-9.30E+01	1.83E+02	-1.71E-02	-7.00E+00
2.77E+01	-9.30E+01	1.83E+02	-2.44E-02	-7.01E+00
2.77E+01	-9.30E+01	1.83E+02	-4.27E-02	-7.00E+00
2.77E+01	-9.30E+01	1.83E+02	-2.20E-02	-7.00E+00
2.77E+01	-9.30E+01	1.83E+02	-3.05E-02	-6.99E+00
2.77E+01	-9.30E+01	1.82E+02	-1.95E-02	-7.00E+00
2.78E+01	-9.30E+01	1.83E+02	-2.20E-02	-6.99E+00
2.78E+01	-9.30E+01	1.83E+02	-2.93E-02	-7.00E+00
2.78E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.99E+00
2.78E+01	-9.30E+01	1.83E+02	-3.42E-02	-7.00E+00
2.78E+01	-9.30E+01	1.82E+02	-3.66E-02	-7.00E+00
2.79E+01	-9.30E+01	1.83E+02	-3.91E-02	-6.99E+00

2.79E+01	-9.30E+01	1.83E+02	-5.37E-02	-6.99E+00
2.79E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.98E+00
2.79E+01	-9.30E+01	1.82E+02	-2.69E-02	-7.01E+00
2.79E+01	-9.30E+01	1.82E+02	-2.69E-02	-6.99E+00
2.80E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.99E+00
2.80E+01	-9.30E+01	1.82E+02	-1.83E-02	-7.00E+00
2.80E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.99E+00
2.80E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.99E+00
2.80E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.98E+00
2.81E+01	-9.30E+01	1.82E+02	2.44E-03	-6.98E+00
2.81E+01	-9.30E+01	1.83E+02	3.66E-03	-6.97E+00
2.81E+01	-9.30E+01	1.82E+02	-1.59E-02	-6.99E+00
2.81E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.97E+00
2.81E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.96E+00
2.82E+01	-9.30E+01	1.83E+02	3.66E-03	-6.97E+00
2.82E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.97E+00
2.82E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.96E+00
2.82E+01	-9.30E+01	1.82E+02	-3.05E-02	-6.95E+00
2.82E+01	-9.30E+01	1.83E+02	-1.59E-02	-6.96E+00
2.83E+01	-9.30E+01	1.82E+02	-1.10E-02	-6.96E+00
2.83E+01	-9.30E+01	1.82E+02	-1.10E-02	-6.95E+00
2.83E+01	-9.30E+01	1.82E+02	-1.59E-02	-6.95E+00
2.83E+01	-9.30E+01	1.82E+02	-1.59E-02	-6.95E+00
2.83E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.95E+00
2.84E+01	-9.30E+01	1.82E+02	1.22E-02	-6.94E+00
2.84E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.95E+00
2.84E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.95E+00
2.84E+01	-9.30E+01	1.82E+02	2.44E-03	-6.94E+00
2.84E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.95E+00
2.85E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.94E+00
2.85E+01	-9.30E+01	1.83E+02	-3.42E-02	-6.94E+00
2.85E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.94E+00
2.85E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.94E+00
2.85E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.93E+00
2.86E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.93E+00
2.86E+01	-9.30E+01	1.82E+02	-1.22E-03	-6.93E+00
2.86E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.92E+00
2.86E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.92E+00
2.86E+01	-9.30E+01	1.82E+02	9.77E-03	-6.92E+00
2.87E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.93E+00
2.87E+01	-9.30E+01	1.82E+02	-3.42E-02	-6.92E+00
2.87E+01	-9.30E+01	1.82E+02	-2.81E-02	-6.91E+00
2.87E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.91E+00
2.87E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.91E+00
2.88E+01	-9.30E+01	1.82E+02	0.00E+00	-6.92E+00
2.88E+01	-9.30E+01	1.82E+02	-2.32E-02	-6.92E+00
2.88E+01	-9.30E+01	1.82E+02	-1.22E-03	-6.90E+00

2.88E+01	-9.30E+01	1.82E+02	3.66E-03	-6.90E+00
2.88E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.91E+00
2.89E+01	-9.30E+01	1.82E+02	-3.17E-02	-6.89E+00
2.89E+01	-9.30E+01	1.82E+02	-2.56E-02	-6.91E+00
2.89E+01	-9.30E+01	1.82E+02	-6.10E-03	-6.91E+00
2.89E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.92E+00
2.89E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.91E+00
2.90E+01	-9.30E+01	1.82E+02	-3.17E-02	-6.90E+00
2.90E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.91E+00
2.90E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.90E+00
2.90E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.91E+00
2.90E+01	-9.30E+01	1.82E+02	-3.05E-02	-6.90E+00
2.91E+01	-9.30E+01	1.82E+02	-3.54E-02	-6.89E+00
2.91E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.91E+00
2.91E+01	-9.30E+01	1.82E+02	-3.42E-02	-6.89E+00
2.91E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.90E+00
2.91E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.89E+00
2.92E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.89E+00
2.92E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.89E+00
2.92E+01	-9.30E+01	1.81E+02	3.66E-03	-6.88E+00
2.92E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.88E+00
2.92E+01	-9.30E+01	1.82E+02	-3.17E-02	-6.88E+00
2.93E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.88E+00
2.93E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.88E+00
2.93E+01	-9.30E+01	1.81E+02	-2.44E-03	-6.88E+00
2.93E+01	-9.30E+01	1.81E+02	-2.56E-02	-6.87E+00
2.93E+01	-9.30E+01	1.82E+02	-2.08E-02	-6.87E+00
2.94E+01	-9.30E+01	1.81E+02	-6.10E-03	-6.87E+00
2.94E+01	-9.30E+01	1.81E+02	-6.10E-03	-6.87E+00
2.94E+01	-9.30E+01	1.81E+02	2.32E-02	-6.88E+00
2.94E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.87E+00
2.94E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.86E+00
2.95E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.86E+00
2.95E+01	-9.30E+01	1.81E+02	3.66E-03	-6.85E+00
2.95E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.84E+00
2.95E+01	-9.30E+01	1.82E+02	2.44E-03	-6.86E+00
2.95E+01	-9.30E+01	1.81E+02	-2.56E-02	-6.86E+00
2.96E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.85E+00
2.96E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.85E+00
2.96E+01	-9.30E+01	1.81E+02	-1.83E-02	-6.85E+00
2.96E+01	-9.30E+01	1.81E+02	1.22E-03	-6.85E+00
2.96E+01	-9.30E+01	1.81E+02	-1.10E-02	-6.84E+00
2.97E+01	-9.30E+01	1.81E+02	7.32E-03	-6.84E+00
2.97E+01	-9.30E+01	1.81E+02	7.32E-03	-6.84E+00
2.97E+01	-9.30E+01	1.81E+02	-3.66E-03	-6.84E+00
2.97E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.83E+00
2.97E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.83E+00

2.98E+01	-9.30E+01	1.81E+02	0.00E+00	-6.83E+00
2.98E+01	-9.30E+01	1.81E+02	1.22E-03	-6.83E+00
2.98E+01	-9.30E+01	1.81E+02	8.54E-03	-6.83E+00
2.98E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.82E+00
2.98E+01	-9.30E+01	1.81E+02	-1.83E-02	-6.82E+00
2.99E+01	-9.30E+01	1.81E+02	-6.10E-03	-6.82E+00
2.99E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.82E+00
2.99E+01	-9.30E+01	1.81E+02	-2.81E-02	-6.82E+00
2.99E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.80E+00
2.99E+01	-9.30E+01	1.81E+02	-2.32E-02	-6.82E+00
3.00E+01	-9.30E+01	1.81E+02	-3.05E-02	-6.82E+00
3.00E+01	-9.30E+01	1.81E+02	2.44E-03	-6.82E+00
3.00E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.82E+00
3.00E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.81E+00
3.00E+01	-9.30E+01	1.81E+02	7.32E-03	-6.82E+00
3.01E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.81E+00
3.01E+01	-9.30E+01	1.81E+02	-5.25E-02	-6.81E+00
3.01E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.81E+00
3.01E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.82E+00
3.01E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.81E+00
3.02E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.80E+00
3.02E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.80E+00
3.02E+01	-9.30E+01	1.81E+02	0.00E+00	-6.80E+00
3.02E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.81E+00
3.02E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.80E+00
3.03E+01	-9.30E+01	1.81E+02	-2.08E-02	-6.80E+00
3.03E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.79E+00
3.03E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.79E+00
3.03E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.79E+00
3.03E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.78E+00
3.04E+01	-9.30E+01	1.81E+02	9.77E-03	-6.78E+00
3.04E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.78E+00
3.04E+01	-9.30E+01	1.81E+02	0.00E+00	-6.78E+00
3.04E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.78E+00
3.04E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.77E+00
3.05E+01	-9.30E+01	1.81E+02	7.32E-03	-6.76E+00
3.05E+01	-9.30E+01	1.81E+02	-1.34E-02	-6.76E+00
3.05E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.76E+00
3.05E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.76E+00
3.05E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.74E+00
3.06E+01	-9.30E+01	1.81E+02	-1.83E-02	-6.76E+00
3.06E+01	-9.30E+01	1.81E+02	2.44E-03	-6.76E+00
3.06E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.76E+00
3.06E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.75E+00
3.06E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.75E+00
3.07E+01	-9.30E+01	1.81E+02	-3.66E-02	-6.75E+00
3.07E+01	-9.30E+01	1.80E+02	-1.83E-02	-6.75E+00

3.07E+01	-9.30E+01	1.80E+02	-3.66E-02	-6.75E+00
3.07E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.74E+00
3.07E+01	-9.30E+01	1.81E+02	-8.54E-03	-6.74E+00
3.08E+01	-9.30E+01	1.81E+02	6.10E-03	-6.74E+00
3.08E+01	-9.30E+01	1.81E+02	4.88E-03	-6.75E+00
3.08E+01	-9.30E+01	1.80E+02	1.22E-03	-6.74E+00
3.08E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.74E+00
3.08E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.74E+00
3.09E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.74E+00
3.09E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.75E+00
3.09E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.74E+00
3.09E+01	-9.30E+01	1.80E+02	4.88E-03	-6.75E+00
3.09E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.74E+00
3.10E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.75E+00
3.10E+01	-9.30E+01	1.80E+02	0.00E+00	-6.73E+00
3.10E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.73E+00
3.10E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.71E+00
3.10E+01	-9.30E+01	1.80E+02	-1.34E-02	-6.72E+00
3.11E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.71E+00
3.11E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.73E+00
3.11E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.71E+00
3.11E+01	-9.30E+01	1.80E+02	-3.66E-02	-6.71E+00
3.11E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.71E+00
3.12E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.72E+00
3.12E+01	-9.30E+01	1.80E+02	-4.39E-02	-6.70E+00
3.12E+01	-9.30E+01	1.80E+02	-4.39E-02	-6.71E+00
3.12E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.71E+00
3.12E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.71E+00
3.13E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.71E+00
3.13E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.70E+00
3.13E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.70E+00
3.13E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.71E+00
3.13E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.71E+00
3.14E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.71E+00
3.14E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.70E+00
3.14E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.70E+00
3.14E+01	-9.30E+01	1.80E+02	0.00E+00	-6.70E+00
3.14E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.70E+00
3.15E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.69E+00
3.15E+01	-9.30E+01	1.80E+02	-3.66E-02	-6.68E+00
3.15E+01	-9.30E+01	1.80E+02	-7.57E-02	-6.69E+00
3.15E+01	-9.30E+01	1.80E+02	-3.05E-02	-6.68E+00
3.15E+01	-9.30E+01	1.80E+02	-2.56E-02	-6.68E+00
3.16E+01	-9.30E+01	1.80E+02	-1.34E-02	-6.68E+00
3.16E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.67E+00
3.16E+01	-9.30E+01	1.80E+02	-3.78E-02	-6.66E+00
3.16E+01	-9.30E+01	1.80E+02	-2.08E-02	-6.67E+00

3.16E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.67E+00
3.17E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.68E+00
3.17E+01	-9.30E+01	1.80E+02	-3.66E-02	-6.67E+00
3.17E+01	-9.30E+01	1.79E+02	-4.52E-02	-6.67E+00
3.17E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.66E+00
3.17E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.66E+00
3.18E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.67E+00
3.18E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.66E+00
3.18E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.66E+00
3.18E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.66E+00
3.18E+01	-9.30E+01	1.79E+02	-4.88E-02	-6.66E+00
3.19E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.67E+00
3.19E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.66E+00
3.19E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.66E+00
3.19E+01	-9.30E+01	1.79E+02	-3.66E-02	-6.65E+00
3.19E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.66E+00
3.20E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.65E+00
3.20E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.65E+00
3.20E+01	-9.30E+01	1.79E+02	0.00E+00	-6.64E+00
3.20E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.63E+00
3.20E+01	-9.30E+01	1.79E+02	0.00E+00	-6.64E+00
3.21E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.64E+00
3.21E+01	-9.30E+01	1.79E+02	3.91E-02	-6.64E+00
3.21E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.63E+00
3.21E+01	-9.30E+01	1.79E+02	-3.66E-02	-6.63E+00
3.21E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.63E+00
3.22E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.64E+00
3.22E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.64E+00
3.22E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.63E+00
3.22E+01	-9.30E+01	1.79E+02	0.00E+00	-6.64E+00
3.22E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.63E+00
3.23E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.63E+00
3.23E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.63E+00
3.23E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.62E+00
3.23E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.62E+00
3.23E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.62E+00
3.24E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.62E+00
3.24E+01	-9.30E+01	1.79E+02	-2.81E-02	-6.63E+00
3.24E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.61E+00
3.24E+01	-9.30E+01	1.79E+02	-1.59E-02	-6.61E+00
3.24E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.61E+00
3.25E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.61E+00
3.25E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.61E+00
3.25E+01	-9.30E+01	1.79E+02	-4.39E-02	-6.61E+00
3.25E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.60E+00
3.25E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.59E+00
3.26E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.61E+00

3.26E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.60E+00
3.26E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.59E+00
3.26E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.60E+00
3.26E+01	-9.30E+01	1.79E+02	-8.54E-03	-6.60E+00
3.27E+01	-9.30E+01	1.79E+02	-1.22E-03	-6.58E+00
3.27E+01	-9.30E+01	1.79E+02	1.22E-03	-6.58E+00
3.27E+01	-9.30E+01	1.79E+02	2.44E-03	-6.58E+00
3.27E+01	-9.30E+01	1.79E+02	4.88E-03	-6.58E+00
3.27E+01	-9.30E+01	1.79E+02	-6.10E-03	-6.58E+00
3.28E+01	-9.30E+01	1.79E+02	2.44E-03	-6.58E+00
3.28E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.57E+00
3.28E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.56E+00
3.28E+01	-9.30E+01	1.79E+02	-4.64E-02	-6.58E+00
3.28E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.58E+00
3.29E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.58E+00
3.29E+01	-9.30E+01	1.79E+02	-4.64E-02	-6.57E+00
3.29E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.57E+00
3.29E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.57E+00
3.29E+01	-9.30E+01	1.79E+02	-4.27E-02	-6.56E+00
3.30E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.57E+00
3.30E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.56E+00
3.30E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.55E+00
3.30E+01	-9.30E+01	1.79E+02	-4.39E-02	-6.56E+00
3.30E+01	-9.30E+01	1.79E+02	-3.91E-02	-6.55E+00
3.31E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.55E+00
3.31E+01	-9.30E+01	1.79E+02	7.32E-03	-6.54E+00
3.31E+01	-9.30E+01	1.79E+02	-8.54E-03	-6.55E+00
3.31E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.55E+00
3.31E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.54E+00
3.32E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.54E+00
3.32E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.53E+00
3.32E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.54E+00
3.32E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.53E+00
3.32E+01	-9.30E+01	1.79E+02	-6.10E-02	-6.54E+00
3.33E+01	-9.30E+01	1.79E+02	-2.56E-02	-6.54E+00
3.33E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.55E+00
3.33E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.54E+00
3.33E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.53E+00
3.33E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.54E+00
3.34E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.54E+00
3.34E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.54E+00
3.34E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.53E+00
3.34E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.53E+00
3.34E+01	-9.30E+01	1.79E+02	-2.81E-02	-6.52E+00
3.35E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.53E+00
3.35E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.52E+00
3.35E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.52E+00

3.35E+01	-9.30E+01	1.79E+02	-4.15E-02	-6.51E+00
3.35E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.52E+00
3.36E+01	-9.30E+01	1.79E+02	-1.59E-02	-6.51E+00
3.36E+01	-9.30E+01	1.79E+02	-3.91E-02	-6.52E+00
3.36E+01	-9.30E+01	1.79E+02	-3.91E-02	-6.51E+00
3.36E+01	-9.30E+01	1.79E+02	7.32E-03	-6.51E+00
3.36E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.51E+00
3.37E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.51E+00
3.37E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.51E+00
3.37E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.50E+00
3.37E+01	-9.30E+01	1.79E+02	1.83E-02	-6.50E+00
3.37E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.50E+00
3.38E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.49E+00
3.38E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.48E+00
3.38E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.49E+00
3.38E+01	-9.30E+01	1.79E+02	-1.59E-02	-6.48E+00
3.38E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.49E+00
3.39E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.49E+00
3.39E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.49E+00
3.39E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.49E+00
3.39E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.49E+00
3.39E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.48E+00
3.40E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.49E+00
3.40E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.49E+00
3.40E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.48E+00
3.40E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.48E+00
3.40E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.46E+00
3.41E+01	-9.30E+01	1.79E+02	-1.22E-03	-6.47E+00
3.41E+01	-9.30E+01	1.79E+02	7.32E-03	-6.45E+00
3.41E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.46E+00
3.41E+01	-9.30E+01	1.79E+02	2.44E-03	-6.46E+00
3.41E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.46E+00
3.42E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.46E+00
3.42E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.45E+00
3.42E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.44E+00
3.42E+01	-9.30E+01	1.79E+02	4.88E-03	-6.46E+00
3.42E+01	-9.30E+01	1.79E+02	1.46E-02	-6.45E+00
3.43E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.45E+00
3.43E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.45E+00
3.43E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.45E+00
3.43E+01	-9.30E+01	1.79E+02	6.10E-03	-6.45E+00
3.43E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.46E+00
3.44E+01	-9.30E+01	1.78E+02	7.32E-03	-6.45E+00
3.44E+01	-9.30E+01	1.78E+02	-1.10E-02	-6.44E+00
3.44E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.43E+00
3.44E+01	-9.30E+01	1.79E+02	3.66E-03	-6.44E+00
3.44E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.43E+00

3.45E+01	-9.30E+01	1.79E+02	-5.13E-02	-6.44E+00
3.45E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.43E+00
3.45E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.43E+00
3.45E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.42E+00
3.45E+01	-9.30E+01	1.79E+02	-3.66E-02	-6.42E+00
3.46E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.43E+00
3.46E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.43E+00
3.46E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.42E+00
3.46E+01	-9.30E+01	1.79E+02	-5.37E-02	-6.42E+00
3.46E+01	-9.30E+01	1.78E+02	-2.93E-02	-6.42E+00
3.47E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.42E+00
3.47E+01	-9.30E+01	1.78E+02	-2.81E-02	-6.42E+00
3.47E+01	-9.30E+01	1.79E+02	-3.30E-02	-6.42E+00
3.47E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.41E+00
3.47E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.41E+00
3.48E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.41E+00
3.48E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.41E+00
3.48E+01	-9.30E+01	1.79E+02	-8.54E-03	-6.40E+00
3.48E+01	-9.30E+01	1.79E+02	9.77E-03	-6.40E+00
3.48E+01	-9.30E+01	1.79E+02	0.00E+00	-6.40E+00
3.49E+01	-9.30E+01	1.79E+02	-2.81E-02	-6.40E+00
3.49E+01	-9.30E+01	1.79E+02	2.44E-03	-6.39E+00
3.49E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.39E+00
3.49E+01	-9.30E+01	1.78E+02	-3.91E-02	-6.40E+00
3.49E+01	-9.30E+01	1.78E+02	-3.66E-02	-6.39E+00
3.50E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.40E+00
3.50E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.39E+00
3.50E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.40E+00
3.50E+01	-9.30E+01	1.78E+02	-2.56E-02	-6.39E+00
3.50E+01	-9.30E+01	1.78E+02	-2.93E-02	-6.38E+00
3.51E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.38E+00
3.51E+01	-9.30E+01	1.78E+02	-1.83E-02	-6.39E+00
3.51E+01	-9.30E+01	1.78E+02	-1.59E-02	-6.39E+00
3.51E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.38E+00
3.51E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.38E+00
3.52E+01	-9.30E+01	1.78E+02	1.34E-02	-6.38E+00
3.52E+01	-9.30E+01	1.78E+02	-3.66E-03	-6.37E+00
3.52E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.37E+00
3.52E+01	-9.30E+01	1.78E+02	-3.66E-03	-6.36E+00
3.52E+01	-9.30E+01	1.78E+02	-4.15E-02	-6.35E+00
3.53E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.36E+00
3.53E+01	-9.30E+01	1.78E+02	-2.32E-02	-6.35E+00
3.53E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.35E+00
3.53E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.35E+00
3.53E+01	-9.30E+01	1.78E+02	7.32E-03	-6.35E+00
3.54E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.35E+00
3.54E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.34E+00

3.54E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.34E+00
3.54E+01	-9.30E+01	1.78E+02	-3.17E-02	-6.35E+00
3.54E+01	-9.30E+01	1.78E+02	-2.81E-02	-6.34E+00
3.55E+01	-9.30E+01	1.78E+02	-4.39E-02	-6.34E+00
3.55E+01	-9.30E+01	1.78E+02	-3.42E-02	-6.35E+00
3.55E+01	-9.30E+01	1.78E+02	-1.83E-02	-6.35E+00
3.55E+01	-9.30E+01	1.78E+02	-5.13E-02	-6.35E+00
3.55E+01	-9.30E+01	1.78E+02	-3.78E-02	-6.34E+00
3.56E+01	-9.30E+01	1.78E+02	-3.66E-02	-6.35E+00
3.56E+01	-9.30E+01	1.78E+02	0.00E+00	-6.35E+00
3.56E+01	-9.30E+01	1.78E+02	-6.10E-03	-6.34E+00
3.56E+01	-9.30E+01	1.78E+02	-1.34E-02	-6.35E+00
3.56E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.33E+00
3.57E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.34E+00
3.57E+01	-9.30E+01	1.78E+02	-1.34E-02	-6.33E+00
3.57E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.33E+00
3.57E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.33E+00
3.57E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.33E+00
3.58E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.33E+00
3.58E+01	-9.30E+01	1.78E+02	0.00E+00	-6.33E+00
3.58E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.33E+00
3.58E+01	-9.30E+01	1.78E+02	7.32E-03	-6.32E+00
3.58E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.32E+00
3.59E+01	-9.30E+01	1.78E+02	-1.22E-03	-6.32E+00
3.59E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.32E+00
3.59E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.31E+00
3.59E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.29E+00
3.59E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.30E+00
3.60E+01	-9.30E+01	1.78E+02	-3.66E-02	-6.31E+00
3.60E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.31E+00
3.60E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.31E+00
3.60E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.31E+00
3.60E+01	-9.30E+01	1.78E+02	-2.81E-02	-6.31E+00
3.61E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.30E+00
3.61E+01	-9.30E+01	1.78E+02	0.00E+00	-6.30E+00
3.61E+01	-9.30E+01	1.78E+02	-2.93E-02	-6.30E+00
3.61E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.31E+00
3.61E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.30E+00
3.62E+01	-9.30E+01	1.78E+02	-4.76E-02	-6.29E+00
3.62E+01	-9.30E+01	1.78E+02	-2.32E-02	-6.29E+00
3.62E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.29E+00
3.62E+01	-9.30E+01	1.78E+02	-2.08E-02	-6.30E+00
3.62E+01	-9.30E+01	1.78E+02	-2.81E-02	-6.29E+00
3.63E+01	-9.30E+01	1.78E+02	-3.17E-02	-6.28E+00
3.63E+01	-9.30E+01	1.78E+02	-3.66E-02	-6.29E+00
3.63E+01	-9.30E+01	1.78E+02	-3.66E-02	-6.27E+00
3.63E+01	-9.30E+01	1.78E+02	-3.30E-02	-6.28E+00

3.63E+01	-9.30E+01	1.78E+02	-1.10E-02	-6.28E+00
3.64E+01	-9.30E+01	1.78E+02	2.44E-03	-6.27E+00
3.64E+01	-9.30E+01	1.78E+02	4.88E-03	-6.27E+00
3.64E+01	-9.30E+01	1.78E+02	-3.17E-02	-6.26E+00
3.64E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.26E+00
3.64E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.24E+00
3.65E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.26E+00
3.65E+01	-9.30E+01	1.78E+02	-4.64E-02	-6.26E+00
3.65E+01	-9.30E+01	1.77E+02	-1.95E-02	-6.26E+00
3.65E+01	-9.30E+01	1.77E+02	-1.95E-02	-6.27E+00
3.65E+01	-9.30E+01	1.77E+02	-2.93E-02	-6.26E+00
3.66E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.26E+00
3.66E+01	-9.30E+01	1.77E+02	-3.30E-02	-6.25E+00
3.66E+01	-9.30E+01	1.78E+02	-3.17E-02	-6.25E+00
3.66E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.24E+00
3.66E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.25E+00
3.67E+01	-9.30E+01	1.77E+02	-3.91E-02	-6.26E+00
3.67E+01	-9.30E+01	1.77E+02	-1.22E-02	-6.25E+00
3.67E+01	-9.30E+01	1.78E+02	2.44E-03	-6.25E+00
3.67E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.24E+00
3.67E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.24E+00
3.68E+01	-9.30E+01	1.77E+02	-7.32E-03	-6.23E+00
3.68E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.24E+00
3.68E+01	-9.30E+01	1.78E+02	0.00E+00	-6.24E+00
3.68E+01	-9.30E+01	1.77E+02	-8.54E-03	-6.22E+00
3.68E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.22E+00
3.69E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.23E+00
3.69E+01	-9.30E+01	1.78E+02	3.30E-02	-6.23E+00
3.69E+01	-9.30E+01	1.78E+02	7.32E-03	-6.22E+00
3.69E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.21E+00
3.69E+01	-9.30E+01	1.78E+02	-3.30E-02	-6.22E+00
3.70E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.22E+00
3.70E+01	-9.30E+01	1.78E+02	-4.76E-02	-6.21E+00
3.70E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.22E+00
3.70E+01	-9.30E+01	1.78E+02	-1.83E-02	-6.23E+00
3.70E+01	-9.30E+01	1.78E+02	-3.42E-02	-6.22E+00
3.71E+01	-9.30E+01	1.78E+02	-2.32E-02	-6.22E+00
3.71E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.21E+00
3.71E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.21E+00
3.71E+01	-9.30E+01	1.77E+02	-2.32E-02	-6.21E+00
3.71E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.22E+00
3.72E+01	-9.30E+01	1.78E+02	-3.05E-02	-6.21E+00
3.72E+01	-9.30E+01	1.77E+02	-1.46E-02	-6.21E+00
3.72E+01	-9.30E+01	1.78E+02	6.10E-03	-6.20E+00
3.72E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.20E+00
3.72E+01	-9.30E+01	1.78E+02	-3.66E-03	-6.20E+00
3.73E+01	-9.30E+01	1.78E+02	-2.93E-02	-6.19E+00

3.73E+01	-9.30E+01	1.78E+02	1.22E-03	-6.20E+00
3.73E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.19E+00
3.73E+01	-9.30E+01	1.78E+02	1.59E-02	-6.19E+00
3.73E+01	-9.30E+01	1.78E+02	-8.54E-03	-6.19E+00
3.74E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.17E+00
3.74E+01	-9.30E+01	1.78E+02	-1.34E-02	-6.18E+00
3.74E+01	-9.30E+01	1.78E+02	-3.54E-02	-6.18E+00
3.74E+01	-9.30E+01	1.78E+02	-5.86E-02	-6.18E+00
3.74E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.19E+00
3.75E+01	-9.30E+01	1.78E+02	-5.13E-02	-6.19E+00
3.75E+01	-9.30E+01	1.78E+02	-2.81E-02	-6.18E+00
3.75E+01	-9.30E+01	1.78E+02	-2.93E-02	-6.19E+00
3.75E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.18E+00
3.75E+01	-9.30E+01	1.77E+02	-7.32E-03	-6.18E+00
3.76E+01	-9.30E+01	1.77E+02	-1.71E-02	-6.17E+00
3.76E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.17E+00
3.76E+01	-9.30E+01	1.77E+02	1.22E-03	-6.16E+00
3.76E+01	-9.30E+01	1.78E+02	2.81E-02	-6.17E+00
3.76E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.16E+00
3.77E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.15E+00
3.77E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.16E+00
3.77E+01	-9.30E+01	1.78E+02	-3.66E-02	-6.15E+00
3.77E+01	-9.30E+01	1.78E+02	-3.05E-02	-6.16E+00
3.77E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.15E+00
3.78E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.14E+00
3.78E+01	-9.30E+01	1.78E+02	-3.42E-02	-6.15E+00
3.78E+01	-9.30E+01	1.78E+02	-1.34E-02	-6.15E+00
3.78E+01	-9.30E+01	1.78E+02	-6.10E-03	-6.14E+00
3.78E+01	-9.30E+01	1.77E+02	-1.95E-02	-6.14E+00
3.79E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.13E+00
3.79E+01	-9.30E+01	1.78E+02	8.54E-03	-6.13E+00
3.79E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.14E+00
3.79E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.13E+00
3.79E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.13E+00
3.80E+01	-9.30E+01	1.78E+02	-8.54E-03	-6.13E+00
3.80E+01	-9.30E+01	1.78E+02	-1.22E-03	-6.13E+00
3.80E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.13E+00
3.80E+01	-9.30E+01	1.78E+02	2.44E-03	-6.13E+00
3.80E+01	-9.30E+01	1.77E+02	-2.20E-02	-6.14E+00
3.81E+01	-9.30E+01	1.77E+02	-3.42E-02	-6.13E+00
3.81E+01	-9.30E+01	1.77E+02	-1.34E-02	-6.12E+00
3.81E+01	-9.30E+01	1.78E+02	0.00E+00	-6.13E+00
3.81E+01	-9.30E+01	1.78E+02	2.44E-03	-6.13E+00
3.81E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.13E+00
3.82E+01	-9.30E+01	1.78E+02	2.56E-02	-6.12E+00
3.82E+01	-9.30E+01	1.78E+02	0.00E+00	-6.12E+00
3.82E+01	-9.30E+01	1.78E+02	1.71E-02	-6.11E+00

3.82E+01	-9.30E+01	1.78E+02	2.44E-03	-6.12E+00
3.82E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.12E+00
3.83E+01	-9.30E+01	1.78E+02	0.00E+00	-6.10E+00
3.83E+01	-9.30E+01	1.78E+02	7.32E-03	-6.11E+00
3.83E+01	-9.30E+01	1.78E+02	0.00E+00	-6.11E+00
3.83E+01	-9.30E+01	1.78E+02	4.88E-03	-6.10E+00
3.83E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.10E+00
3.84E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.09E+00
3.84E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.10E+00
3.84E+01	-9.30E+01	1.78E+02	4.88E-03	-6.09E+00
3.84E+01	-9.30E+01	1.78E+02	-3.66E-03	-6.09E+00
3.84E+01	-9.30E+01	1.78E+02	-1.34E-02	-6.09E+00
3.85E+01	-9.30E+01	1.78E+02	-6.10E-03	-6.08E+00
3.85E+01	-9.30E+01	1.78E+02	2.44E-03	-6.09E+00
3.85E+01	-9.30E+01	1.77E+02	-7.32E-03	-6.09E+00
3.85E+01	-9.30E+01	1.78E+02	4.88E-03	-6.08E+00
3.85E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.08E+00
3.86E+01	-9.30E+01	1.78E+02	-3.17E-02	-6.10E+00
3.86E+01	-9.30E+01	1.77E+02	-2.69E-02	-6.08E+00
3.86E+01	-9.30E+01	1.78E+02	-3.17E-02	-6.08E+00
3.86E+01	-9.30E+01	1.78E+02	-4.64E-02	-6.06E+00
3.86E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.08E+00
3.87E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.07E+00
3.87E+01	-9.30E+01	1.77E+02	-4.39E-02	-6.08E+00
3.87E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.07E+00
3.87E+01	-9.30E+01	1.78E+02	-3.66E-02	-6.06E+00
3.87E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.07E+00
3.88E+01	-9.30E+01	1.77E+02	-2.69E-02	-6.07E+00
3.88E+01	-9.30E+01	1.77E+02	-3.91E-02	-6.07E+00
3.88E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.06E+00
3.88E+01	-9.30E+01	1.77E+02	-3.17E-02	-6.06E+00
3.88E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.07E+00
3.89E+01	-9.30E+01	1.77E+02	-1.59E-02	-6.07E+00
3.89E+01	-9.30E+01	1.77E+02	-2.93E-02	-6.07E+00
3.89E+01	-9.30E+01	1.78E+02	-5.62E-02	-6.05E+00
3.89E+01	-9.30E+01	1.77E+02	-3.54E-02	-6.06E+00
3.89E+01	-9.30E+01	1.77E+02	-3.42E-02	-6.06E+00
3.90E+01	-9.30E+01	1.77E+02	-2.08E-02	-6.06E+00
3.90E+01	-9.30E+01	1.77E+02	-2.08E-02	-6.07E+00
3.90E+01	-9.30E+01	1.77E+02	0.00E+00	-6.05E+00
3.90E+01	-9.30E+01	1.77E+02	2.44E-02	-6.05E+00
3.90E+01	-9.30E+01	1.77E+02	-1.71E-02	-6.04E+00
3.91E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.04E+00
3.91E+01	-9.30E+01	1.77E+02	-7.32E-03	-6.03E+00
3.91E+01	-9.30E+01	1.77E+02	6.10E-03	-6.04E+00
3.91E+01	-9.30E+01	1.77E+02	-2.93E-02	-6.03E+00
3.91E+01	-9.30E+01	1.77E+02	-3.17E-02	-6.03E+00

3.92E+01	-9.30E+01	1.77E+02	-3.05E-02	-6.03E+00
3.92E+01	-9.30E+01	1.77E+02	-7.32E-03	-6.03E+00
3.92E+01	-9.30E+01	1.78E+02	-4.64E-02	-6.03E+00
3.92E+01	-9.30E+01	1.77E+02	-4.39E-02	-6.03E+00
3.92E+01	-9.30E+01	1.77E+02	-3.17E-02	-6.03E+00
3.93E+01	-9.30E+01	1.77E+02	-4.88E-02	-6.02E+00
3.93E+01	-9.30E+01	1.77E+02	-2.81E-02	-6.03E+00
3.93E+01	-9.30E+01	1.77E+02	-3.30E-02	-6.02E+00
3.93E+01	-9.30E+01	1.77E+02	-2.32E-02	-6.02E+00
3.93E+01	-9.30E+01	1.77E+02	-2.56E-02	-6.02E+00
3.94E+01	-9.30E+01	1.77E+02	-2.56E-02	-6.01E+00
3.94E+01	-9.30E+01	1.77E+02	-3.42E-02	-6.03E+00
3.94E+01	-9.30E+01	1.77E+02	-3.66E-02	-6.02E+00
3.94E+01	-9.30E+01	1.77E+02	-3.42E-02	-6.01E+00
3.94E+01	-9.30E+01	1.77E+02	-3.42E-02	-6.01E+00
3.95E+01	-9.30E+01	1.78E+02	-1.59E-02	-6.00E+00
3.95E+01	-9.30E+01	1.77E+02	-2.32E-02	-6.00E+00
3.95E+01	-9.30E+01	1.77E+02	-2.93E-02	-6.00E+00
3.95E+01	-9.30E+01	1.77E+02	-3.66E-02	-6.00E+00
3.95E+01	-9.30E+01	1.77E+02	-3.91E-02	-6.01E+00
3.96E+01	-9.30E+01	1.77E+02	-1.71E-02	-6.02E+00
3.96E+01	-9.30E+01	1.77E+02	-1.95E-02	-6.01E+00
3.96E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.99E+00
3.96E+01	-9.30E+01	1.77E+02	-4.39E-02	-6.00E+00
3.96E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.99E+00
3.97E+01	-9.30E+01	1.77E+02	-1.83E-02	-5.98E+00
3.97E+01	-9.30E+01	1.77E+02	-3.78E-02	-5.98E+00
3.97E+01	-9.30E+01	1.77E+02	-3.30E-02	-5.99E+00
3.97E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.99E+00
3.97E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.99E+00
3.98E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.99E+00
3.98E+01	-9.30E+01	1.77E+02	-4.88E-03	-6.00E+00
3.98E+01	-9.30E+01	1.77E+02	-1.22E-03	-5.99E+00
3.98E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.98E+00
3.98E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.99E+00
3.99E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.98E+00
3.99E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.98E+00
3.99E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.97E+00
3.99E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.97E+00
3.99E+01	-9.30E+01	1.77E+02	-1.83E-02	-5.96E+00
4.00E+01	-9.30E+01	1.78E+02	-3.17E-02	-5.96E+00
4.00E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.96E+00
4.00E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.96E+00
4.00E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.95E+00
4.00E+01	-9.30E+01	1.77E+02	-8.54E-03	-5.96E+00
4.01E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.96E+00
4.01E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.95E+00

4.01E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.95E+00
4.01E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.95E+00
4.01E+01	-9.30E+01	1.77E+02	-2.81E-02	-5.94E+00
4.02E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.94E+00
4.02E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.94E+00
4.02E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.93E+00
4.02E+01	-9.30E+01	1.77E+02	-2.08E-02	-5.94E+00
4.02E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.93E+00
4.03E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.93E+00
4.03E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.93E+00
4.03E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.94E+00
4.03E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.93E+00
4.03E+01	-9.30E+01	1.77E+02	-2.81E-02	-5.93E+00
4.04E+01	-9.30E+01	1.77E+02	-2.56E-02	-5.92E+00
4.04E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.94E+00
4.04E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.93E+00
4.04E+01	-9.30E+01	1.77E+02	-8.54E-03	-5.93E+00
4.04E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.92E+00
4.05E+01	-9.30E+01	1.77E+02	-2.32E-02	-5.91E+00
4.05E+01	-9.30E+01	1.77E+02	7.32E-03	-5.92E+00
4.05E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.92E+00
4.05E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.92E+00
4.05E+01	-9.30E+01	1.77E+02	4.88E-03	-5.91E+00
4.06E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.92E+00
4.06E+01	-9.30E+01	1.77E+02	-1.34E-02	-5.91E+00
4.06E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.92E+00
4.06E+01	-9.30E+01	1.77E+02	-3.66E-02	-5.92E+00
4.06E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.91E+00
4.07E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.91E+00
4.07E+01	-9.30E+01	1.77E+02	-3.66E-02	-5.91E+00
4.07E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.91E+00
4.07E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.89E+00
4.07E+01	-9.30E+01	1.77E+02	-2.08E-02	-5.91E+00
4.08E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.91E+00
4.08E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.90E+00
4.08E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.89E+00
4.08E+01	-9.30E+01	1.77E+02	-4.27E-02	-5.89E+00
4.08E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.89E+00
4.09E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.90E+00
4.09E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.90E+00
4.09E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.89E+00
4.09E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.89E+00
4.09E+01	-9.30E+01	1.77E+02	-1.22E-03	-5.90E+00
4.10E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.89E+00
4.10E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.89E+00
4.10E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.88E+00
4.10E+01	-9.30E+01	1.77E+02	7.32E-03	-5.88E+00

4.10E+01	-9.30E+01	1.77E+02	2.44E-03	-5.87E+00
4.11E+01	-9.30E+01	1.77E+02	-2.08E-02	-5.88E+00
4.11E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.88E+00
4.11E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.88E+00
4.11E+01	-9.30E+01	1.77E+02	1.22E-02	-5.87E+00
4.11E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.88E+00
4.12E+01	-9.30E+01	1.77E+02	-6.10E-03	-5.87E+00
4.12E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.87E+00
4.12E+01	-9.30E+01	1.77E+02	-3.30E-02	-5.87E+00
4.12E+01	-9.30E+01	1.77E+02	-5.13E-02	-5.86E+00
4.12E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.86E+00
4.13E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.87E+00
4.13E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.86E+00
4.13E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.84E+00
4.13E+01	-9.30E+01	1.77E+02	8.54E-03	-5.86E+00
4.13E+01	-9.30E+01	1.77E+02	-3.66E-03	-5.85E+00
4.14E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.84E+00
4.14E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.84E+00
4.14E+01	-9.30E+01	1.77E+02	-6.10E-03	-5.84E+00
4.14E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.84E+00
4.14E+01	-9.30E+01	1.77E+02	4.88E-03	-5.84E+00
4.15E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.85E+00
4.15E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.83E+00
4.15E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.83E+00
4.15E+01	-9.30E+01	1.77E+02	9.77E-03	-5.83E+00
4.15E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.83E+00
4.16E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.82E+00
4.16E+01	-9.30E+01	1.77E+02	-1.59E-02	-5.82E+00
4.16E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.82E+00
4.16E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.82E+00
4.16E+01	-9.30E+01	1.77E+02	8.54E-03	-5.82E+00
4.17E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.82E+00
4.17E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.81E+00
4.17E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.82E+00
4.17E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.82E+00
4.17E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.81E+00
4.18E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.81E+00
4.18E+01	-9.30E+01	1.77E+02	-1.83E-02	-5.80E+00
4.18E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.82E+00
4.18E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.81E+00
4.18E+01	-9.30E+01	1.77E+02	-2.81E-02	-5.81E+00
4.19E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.81E+00
4.19E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.82E+00
4.19E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.81E+00
4.19E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.81E+00
4.19E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.80E+00
4.20E+01	-9.30E+01	1.76E+02	-2.81E-02	-5.80E+00

4.20E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.81E+00
4.20E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.80E+00
4.20E+01	-9.30E+01	1.77E+02	-3.78E-02	-5.79E+00
4.20E+01	-9.30E+01	1.77E+02	-4.15E-02	-5.78E+00
4.21E+01	-9.30E+01	1.77E+02	-3.30E-02	-5.78E+00
4.21E+01	-9.30E+01	1.77E+02	-4.39E-02	-5.78E+00
4.21E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.78E+00
4.21E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.79E+00
4.21E+01	-9.30E+01	1.76E+02	-3.54E-02	-5.79E+00
4.22E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.78E+00
4.22E+01	-9.30E+01	1.76E+02	-2.32E-02	-5.79E+00
4.22E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.79E+00
4.22E+01	-9.30E+01	1.76E+02	-2.32E-02	-5.78E+00
4.22E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.78E+00
4.23E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.78E+00
4.23E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.78E+00
4.23E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.77E+00
4.23E+01	-9.30E+01	1.76E+02	7.32E-03	-5.78E+00
4.23E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.77E+00
4.24E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.77E+00
4.24E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.77E+00
4.24E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.76E+00
4.24E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.75E+00
4.24E+01	-9.30E+01	1.76E+02	1.22E-03	-5.76E+00
4.25E+01	-9.30E+01	1.76E+02	2.44E-03	-5.76E+00
4.25E+01	-9.30E+01	1.76E+02	1.10E-02	-5.77E+00
4.25E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.75E+00
4.25E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.75E+00
4.25E+01	-9.30E+01	1.76E+02	6.10E-03	-5.75E+00
4.26E+01	-9.30E+01	1.76E+02	1.46E-02	-5.74E+00
4.26E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.75E+00
4.26E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.75E+00
4.26E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.75E+00
4.26E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.74E+00
4.27E+01	-9.30E+01	1.76E+02	8.54E-03	-5.74E+00
4.27E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.74E+00
4.27E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.74E+00
4.27E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.74E+00
4.27E+01	-9.30E+01	1.76E+02	2.44E-03	-5.74E+00
4.28E+01	-9.30E+01	1.77E+02	-6.10E-03	-5.74E+00
4.28E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.74E+00
4.28E+01	-9.30E+01	1.76E+02	-3.54E-02	-5.75E+00
4.28E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.73E+00
4.28E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.72E+00
4.29E+01	-9.30E+01	1.77E+02	-4.88E-02	-5.72E+00
4.29E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.71E+00
4.29E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.70E+00

4.29E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.71E+00
4.29E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.71E+00
4.30E+01	-9.30E+01	1.77E+02	-3.91E-02	-5.71E+00
4.30E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.71E+00
4.30E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.71E+00
4.30E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.71E+00
4.30E+01	-9.30E+01	1.77E+02	-3.91E-02	-5.71E+00
4.31E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.71E+00
4.31E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.71E+00
4.31E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.71E+00
4.31E+01	-9.30E+01	1.77E+02	-4.64E-02	-5.70E+00
4.31E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.70E+00
4.32E+01	-9.30E+01	1.77E+02	-1.34E-02	-5.71E+00
4.32E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.71E+00
4.32E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.70E+00
4.32E+01	-9.30E+01	1.76E+02	-3.54E-02	-5.70E+00
4.32E+01	-9.30E+01	1.76E+02	4.88E-03	-5.69E+00
4.33E+01	-9.30E+01	1.77E+02	0.00E+00	-5.68E+00
4.33E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.69E+00
4.33E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.68E+00
4.33E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.68E+00
4.33E+01	-9.30E+01	1.76E+02	2.44E-03	-5.69E+00
4.34E+01	-9.30E+01	1.77E+02	2.44E-03	-5.69E+00
4.34E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.69E+00
4.34E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.68E+00
4.34E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.68E+00
4.34E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.68E+00
4.35E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.68E+00
4.35E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.68E+00
4.35E+01	-9.30E+01	1.76E+02	4.88E-03	-5.67E+00
4.35E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.67E+00
4.35E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.67E+00
4.36E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.67E+00
4.36E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.67E+00
4.36E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.67E+00
4.36E+01	-9.30E+01	1.77E+02	-5.37E-02	-5.66E+00
4.36E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.67E+00
4.37E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.66E+00
4.37E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.67E+00
4.37E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.67E+00
4.37E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.65E+00
4.37E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.66E+00
4.38E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.65E+00
4.38E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.65E+00
4.38E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.65E+00
4.38E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.64E+00
4.38E+01	-9.30E+01	1.76E+02	0.00E+00	-5.64E+00

4.39E+01	-9.30E+01	1.76E+02	2.93E-02	-5.64E+00
4.39E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.65E+00
4.39E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.64E+00
4.39E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.63E+00
4.39E+01	-9.30E+01	1.76E+02	7.32E-03	-5.63E+00
4.40E+01	-9.30E+01	1.76E+02	-1.83E-02	-5.62E+00
4.40E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.62E+00
4.40E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.61E+00
4.40E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.61E+00
4.40E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.62E+00
4.41E+01	-9.30E+01	1.76E+02	-4.03E-02	-5.62E+00
4.41E+01	-9.30E+01	1.76E+02	-1.83E-02	-5.62E+00
4.41E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.61E+00
4.41E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.62E+00
4.41E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.61E+00
4.42E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.61E+00
4.42E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.60E+00
4.42E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.60E+00
4.42E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.60E+00
4.42E+01	-9.30E+01	1.76E+02	7.32E-03	-5.61E+00
4.43E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.60E+00
4.43E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.59E+00
4.43E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.59E+00
4.43E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.58E+00
4.43E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.59E+00
4.44E+01	-9.30E+01	1.76E+02	2.20E-02	-5.59E+00
4.44E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.60E+00
4.44E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.60E+00
4.44E+01	-9.30E+01	1.76E+02	-3.66E-03	-5.59E+00
4.44E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.59E+00
4.45E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.59E+00
4.45E+01	-9.30E+01	1.76E+02	-1.10E-02	-5.58E+00
4.45E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.57E+00
4.45E+01	-9.30E+01	1.76E+02	1.22E-02	-5.58E+00
4.45E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.58E+00
4.46E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.57E+00
4.46E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.57E+00
4.46E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.58E+00
4.46E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.58E+00
4.46E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.57E+00
4.47E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.57E+00
4.47E+01	-9.30E+01	1.76E+02	-1.22E-03	-5.58E+00
4.47E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.57E+00
4.47E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.57E+00
4.47E+01	-9.30E+01	1.75E+02	-2.08E-02	-5.56E+00
4.48E+01	-9.30E+01	1.76E+02	-1.10E-02	-5.58E+00
4.48E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.57E+00

4.48E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.57E+00
4.48E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.55E+00
4.48E+01	-9.30E+01	1.75E+02	-1.34E-02	-5.55E+00
4.49E+01	-9.30E+01	1.76E+02	1.71E-02	-5.56E+00
4.49E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.56E+00
4.49E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.55E+00
4.49E+01	-9.30E+01	1.75E+02	-8.54E-03	-5.53E+00
4.49E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.54E+00
4.50E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.54E+00
4.50E+01	-9.30E+01	1.75E+02	-1.34E-02	-5.54E+00
4.50E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.54E+00
4.50E+01	-9.30E+01	1.76E+02	4.88E-03	-5.54E+00
4.50E+01	-9.30E+01	1.75E+02	4.88E-03	-5.53E+00
4.51E+01	-9.30E+01	1.75E+02	8.54E-03	-5.54E+00
4.51E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.54E+00
4.51E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.54E+00
4.51E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.53E+00
4.51E+01	-9.30E+01	1.75E+02	7.32E-03	-5.53E+00
4.52E+01	-9.30E+01	1.75E+02	1.71E-02	-5.53E+00
4.52E+01	-9.30E+01	1.75E+02	2.44E-03	-5.54E+00
4.52E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.53E+00
4.52E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.52E+00
4.52E+01	-9.30E+01	1.75E+02	-5.00E-02	-5.53E+00
4.53E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.52E+00
4.53E+01	-9.30E+01	1.75E+02	-2.81E-02	-5.52E+00
4.53E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.53E+00
4.53E+01	-9.30E+01	1.74E+02	-5.13E-02	-5.52E+00
4.53E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.52E+00
4.54E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.51E+00
4.54E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.51E+00
4.54E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.51E+00
4.54E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.50E+00
4.54E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.51E+00
4.55E+01	-9.30E+01	1.75E+02	1.71E-02	-5.51E+00
4.55E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.50E+00
4.55E+01	-9.30E+01	1.75E+02	-6.10E-03	-5.48E+00
4.55E+01	-9.30E+01	1.75E+02	2.44E-03	-5.49E+00
4.55E+01	-9.30E+01	1.75E+02	2.44E-03	-5.49E+00
4.56E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.49E+00
4.56E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.48E+00
4.56E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.48E+00
4.56E+01	-9.30E+01	1.75E+02	2.44E-03	-5.48E+00
4.56E+01	-9.30E+01	1.75E+02	-1.10E-02	-5.48E+00
4.57E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.47E+00
4.57E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.47E+00
4.57E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.48E+00
4.57E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.47E+00

4.57E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.47E+00
4.58E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.47E+00
4.58E+01	-9.30E+01	1.75E+02	-3.30E-02	-5.46E+00
4.58E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.47E+00
4.58E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.46E+00
4.58E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.47E+00
4.59E+01	-9.30E+01	1.75E+02	-3.91E-02	-5.48E+00
4.59E+01	-9.30E+01	1.74E+02	-3.42E-02	-5.47E+00
4.59E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.47E+00
4.59E+01	-9.30E+01	1.74E+02	-2.81E-02	-5.47E+00
4.59E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.46E+00
4.60E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.46E+00
4.60E+01	-9.30E+01	1.74E+02	7.32E-03	-5.47E+00
4.60E+01	-9.30E+01	1.74E+02	-1.83E-02	-5.46E+00
4.60E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.45E+00
4.60E+01	-9.30E+01	1.75E+02	-3.54E-02	-5.46E+00
4.61E+01	-9.30E+01	1.74E+02	1.22E-02	-5.45E+00
4.61E+01	-9.30E+01	1.74E+02	-3.66E-03	-5.47E+00
4.61E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.46E+00
4.61E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.46E+00
4.61E+01	-9.30E+01	1.74E+02	-3.42E-02	-5.45E+00
4.62E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.45E+00
4.62E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.45E+00
4.62E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.45E+00
4.62E+01	-9.30E+01	1.74E+02	-1.10E-02	-5.44E+00
4.62E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.44E+00
4.63E+01	-9.30E+01	1.74E+02	0.00E+00	-5.44E+00
4.63E+01	-9.30E+01	1.75E+02	3.66E-03	-5.44E+00
4.63E+01	-9.30E+01	1.74E+02	-3.91E-02	-5.44E+00
4.63E+01	-9.30E+01	1.74E+02	-2.44E-03	-5.42E+00
4.63E+01	-9.30E+01	1.74E+02	-3.66E-03	-5.43E+00
4.64E+01	-9.30E+01	1.74E+02	9.77E-03	-5.43E+00
4.64E+01	-9.30E+01	1.74E+02	1.10E-02	-5.42E+00
4.64E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.43E+00
4.64E+01	-9.30E+01	1.74E+02	-7.32E-03	-5.42E+00
4.64E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.42E+00
4.65E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.42E+00
4.65E+01	-9.30E+01	1.74E+02	-2.44E-03	-5.42E+00
4.65E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.43E+00
4.65E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.42E+00
4.65E+01	-9.30E+01	1.74E+02	-7.32E-03	-5.41E+00
4.66E+01	-9.30E+01	1.74E+02	1.22E-03	-5.42E+00
4.66E+01	-9.30E+01	1.74E+02	1.46E-02	-5.41E+00
4.66E+01	-9.30E+01	1.74E+02	-7.32E-03	-5.41E+00
4.66E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.42E+00
4.66E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.41E+00
4.67E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.41E+00

4.67E+01	-9.30E+01	1.74E+02	1.59E-02	-5.41E+00
4.67E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.41E+00
4.67E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.39E+00
4.67E+01	-9.30E+01	1.74E+02	-1.34E-02	-5.40E+00
4.68E+01	-9.30E+01	1.74E+02	-3.91E-02	-5.40E+00
4.68E+01	-9.30E+01	1.74E+02	-3.54E-02	-5.40E+00
4.68E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.40E+00
4.68E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.40E+00
4.68E+01	-9.30E+01	1.74E+02	-3.54E-02	-5.38E+00
4.69E+01	-9.30E+01	1.74E+02	2.44E-03	-5.39E+00
4.69E+01	-9.30E+01	1.74E+02	-1.22E-03	-5.39E+00
4.69E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.39E+00
4.69E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.39E+00
4.69E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.38E+00
4.70E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.38E+00
4.70E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.38E+00
4.70E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.37E+00
4.70E+01	-9.30E+01	1.73E+02	-2.08E-02	-5.38E+00
4.70E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.38E+00
4.71E+01	-9.30E+01	1.73E+02	2.93E-02	-5.37E+00
4.71E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.36E+00
4.71E+01	-9.30E+01	1.74E+02	-2.32E-02	-5.35E+00
4.71E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.35E+00
4.71E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.36E+00
4.72E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.35E+00
4.72E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.35E+00
4.72E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.35E+00
4.72E+01	-9.30E+01	1.74E+02	-3.42E-02	-5.34E+00
4.72E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.34E+00
4.73E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.35E+00
4.73E+01	-9.30E+01	1.74E+02	-1.10E-02	-5.34E+00
4.73E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.34E+00
4.73E+01	-9.30E+01	1.74E+02	-6.10E-03	-5.34E+00
4.73E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.33E+00
4.74E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.34E+00
4.74E+01	-9.30E+01	1.74E+02	-6.23E-02	-5.34E+00
4.74E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.35E+00
4.74E+01	-9.30E+01	1.74E+02	-1.59E-02	-5.35E+00
4.74E+01	-9.30E+01	1.74E+02	-4.03E-02	-5.34E+00
4.75E+01	-9.30E+01	1.74E+02	-3.42E-02	-5.33E+00
4.75E+01	-9.30E+01	1.74E+02	-3.42E-02	-5.33E+00
4.75E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.32E+00
4.75E+01	-9.30E+01	1.74E+02	-4.39E-02	-5.32E+00
4.75E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.33E+00
4.76E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.31E+00
4.76E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.32E+00
4.76E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.31E+00

4.76E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.32E+00
4.76E+01	-9.30E+01	1.74E+02	-2.81E-02	-5.32E+00
4.77E+01	-9.30E+01	1.74E+02	-3.91E-02	-5.32E+00
4.77E+01	-9.30E+01	1.74E+02	-5.62E-02	-5.31E+00
4.77E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.31E+00
4.77E+01	-9.30E+01	1.74E+02	-2.32E-02	-5.31E+00
4.77E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.32E+00
4.78E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.31E+00
4.78E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.30E+00
4.78E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.31E+00
4.78E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.30E+00
4.78E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.30E+00
4.79E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.29E+00
4.79E+01	-9.30E+01	1.74E+02	-3.05E-02	-5.29E+00
4.79E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.28E+00
4.79E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.28E+00
4.79E+01	-9.30E+01	1.74E+02	-7.32E-03	-5.29E+00
4.80E+01	-9.30E+01	1.74E+02	-4.64E-02	-5.29E+00
4.80E+01	-9.30E+01	1.74E+02	-3.30E-02	-5.28E+00
4.80E+01	-9.30E+01	1.74E+02	-2.08E-02	-5.29E+00
4.80E+01	-9.30E+01	1.73E+02	-2.81E-02	-5.29E+00
4.80E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.29E+00
4.81E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.29E+00
4.81E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.29E+00
4.81E+01	-9.30E+01	1.73E+02	-2.20E-02	-5.29E+00
4.81E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.29E+00
4.81E+01	-9.30E+01	1.73E+02	-2.20E-02	-5.27E+00
4.82E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.28E+00
4.82E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.28E+00
4.82E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.28E+00
4.82E+01	-9.30E+01	1.73E+02	-1.46E-02	-5.27E+00
4.82E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.27E+00
4.83E+01	-9.30E+01	1.74E+02	2.20E-02	-5.28E+00
4.83E+01	-9.30E+01	1.74E+02	0.00E+00	-5.26E+00
4.83E+01	-9.30E+01	1.73E+02	-7.32E-03	-5.26E+00
4.83E+01	-9.30E+01	1.73E+02	2.44E-03	-5.25E+00
4.83E+01	-9.30E+01	1.74E+02	2.44E-03	-5.25E+00
4.84E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.26E+00
4.84E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.25E+00
4.84E+01	-9.30E+01	1.73E+02	-1.34E-02	-5.25E+00
4.84E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.24E+00
4.84E+01	-9.30E+01	1.74E+02	-2.81E-02	-5.25E+00
4.85E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.25E+00
4.85E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.24E+00
4.85E+01	-9.30E+01	1.74E+02	-2.56E-02	-5.24E+00
4.85E+01	-9.30E+01	1.74E+02	-1.34E-02	-5.24E+00
4.85E+01	-9.30E+01	1.73E+02	-2.08E-02	-5.24E+00

4.86E+01	-9.30E+01	1.73E+02	-2.44E-03	-5.23E+00
4.86E+01	-9.30E+01	1.73E+02	-3.66E-03	-5.24E+00
4.86E+01	-9.30E+01	1.73E+02	1.22E-03	-5.24E+00
4.86E+01	-9.30E+01	1.73E+02	0.00E+00	-5.23E+00
4.86E+01	-9.30E+01	1.73E+02	2.56E-02	-5.23E+00
4.87E+01	-9.30E+01	1.73E+02	-4.88E-03	-5.23E+00
4.87E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.23E+00
4.87E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.23E+00
4.87E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.22E+00
4.87E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.22E+00
4.88E+01	-9.30E+01	1.74E+02	1.59E-02	-5.22E+00
4.88E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.23E+00
4.88E+01	-9.30E+01	1.74E+02	-2.08E-02	-5.21E+00
4.88E+01	-9.30E+01	1.73E+02	-2.32E-02	-5.22E+00
4.88E+01	-9.30E+01	1.73E+02	-2.93E-02	-5.22E+00
4.89E+01	-9.30E+01	1.73E+02	-2.32E-02	-5.22E+00
4.89E+01	-9.30E+01	1.73E+02	-3.17E-02	-5.22E+00
4.89E+01	-9.30E+01	1.73E+02	-2.44E-02	-5.21E+00
4.89E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.21E+00
4.89E+01	-9.30E+01	1.73E+02	-3.66E-02	-5.22E+00
4.90E+01	-9.30E+01	1.73E+02	0.00E+00	-5.21E+00
4.90E+01	-9.30E+01	1.73E+02	-4.88E-03	-5.21E+00
4.90E+01	-9.30E+01	1.73E+02	4.88E-03	-5.21E+00
4.90E+01	-9.30E+01	1.73E+02	-1.34E-02	-5.21E+00
4.90E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.21E+00
4.91E+01	-9.30E+01	1.73E+02	-3.66E-03	-5.19E+00
4.91E+01	-9.30E+01	1.73E+02	8.54E-03	-5.20E+00
4.91E+01	-9.30E+01	1.73E+02	-3.66E-03	-5.19E+00
4.91E+01	-9.30E+01	1.73E+02	-2.93E-02	-5.18E+00
4.91E+01	-9.30E+01	1.73E+02	-1.10E-02	-5.20E+00
4.92E+01	-9.30E+01	1.73E+02	-2.20E-02	-5.19E+00
4.92E+01	-9.30E+01	1.74E+02	-1.83E-02	-5.18E+00
4.92E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.19E+00
4.92E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.18E+00
4.92E+01	-9.30E+01	1.73E+02	-1.46E-02	-5.17E+00
4.93E+01	-9.30E+01	1.73E+02	7.32E-03	-5.18E+00
4.93E+01	-9.30E+01	1.73E+02	0.00E+00	-5.18E+00
4.93E+01	-9.30E+01	1.73E+02	-4.88E-03	-5.18E+00
4.93E+01	-9.30E+01	1.73E+02	-2.08E-02	-5.18E+00
4.93E+01	-9.30E+01	1.73E+02	4.88E-03	-5.18E+00
4.94E+01	-9.30E+01	1.73E+02	-2.08E-02	-5.19E+00
4.94E+01	-9.30E+01	1.73E+02	-1.22E-03	-5.17E+00
4.94E+01	-9.30E+01	1.73E+02	4.88E-03	-5.17E+00
4.94E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.17E+00
4.94E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.16E+00
4.95E+01	-9.30E+01	1.73E+02	1.22E-03	-5.16E+00
4.95E+01	-9.30E+01	1.73E+02	1.22E-02	-5.16E+00

4.95E+01	-9.30E+01	1.73E+02	-2.56E-02	-5.15E+00
4.95E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.15E+00
4.95E+01	-9.30E+01	1.73E+02	-4.03E-02	-5.17E+00
4.96E+01	-9.30E+01	1.73E+02	-3.17E-02	-5.16E+00
4.96E+01	-9.30E+01	1.73E+02	-2.93E-02	-5.16E+00
4.96E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.16E+00
4.96E+01	-9.30E+01	1.73E+02	-1.34E-02	-5.16E+00
4.96E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.16E+00
4.97E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.16E+00
4.97E+01	-9.30E+01	1.73E+02	-7.32E-03	-5.16E+00
4.97E+01	-9.30E+01	1.73E+02	9.77E-03	-5.15E+00
4.97E+01	-9.30E+01	1.73E+02	-1.22E-02	-5.16E+00
4.97E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.15E+00
4.98E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.14E+00
4.98E+01	-9.30E+01	1.73E+02	-3.42E-02	-5.13E+00
4.98E+01	-9.30E+01	1.73E+02	-7.08E-02	-5.14E+00
4.98E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.13E+00
4.98E+01	-9.30E+01	1.73E+02	-7.32E-03	-5.13E+00
4.99E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.12E+00
4.99E+01	-9.30E+01	1.73E+02	0.00E+00	-5.12E+00
4.99E+01	-9.30E+01	1.73E+02	-1.46E-02	-5.12E+00
4.99E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.12E+00
4.99E+01	-9.30E+01	1.73E+02	-1.34E-02	-5.11E+00
5.00E+01	-9.30E+01	1.73E+02	-2.44E-03	-5.12E+00
5.00E+01	-9.30E+01	1.73E+02	-3.17E-02	-5.12E+00
5.00E+01	-9.30E+01	1.73E+02	-3.30E-02	-5.11E+00
5.00E+01	-9.30E+01	1.73E+02	-2.81E-02	-5.12E+00
5.00E+01	-9.30E+01	1.73E+02	-3.05E-02	-5.13E+00
5.01E+01	-9.30E+01	1.73E+02	-2.08E-02	-5.12E+00
5.01E+01	-9.30E+01	1.73E+02	1.46E-02	-5.12E+00
5.01E+01	-9.30E+01	1.73E+02	9.77E-03	-5.12E+00
5.01E+01	-9.30E+01	1.73E+02	-7.32E-03	-5.12E+00
5.01E+01	-9.30E+01	1.73E+02	-7.32E-03	-5.11E+00
5.02E+01	-9.30E+01	1.73E+02	4.88E-03	-5.10E+00
5.02E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.11E+00
5.02E+01	-9.30E+01	1.73E+02	6.10E-03	-5.10E+00
5.02E+01	-9.30E+01	1.73E+02	-7.32E-03	-5.09E+00
5.02E+01	-9.30E+01	1.73E+02	-2.44E-02	-5.09E+00
5.03E+01	-9.30E+01	1.73E+02	-2.08E-02	-5.11E+00
5.03E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.09E+00
5.03E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.09E+00
5.03E+01	-9.30E+01	1.73E+02	-4.39E-02	-5.08E+00
5.03E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.09E+00
5.04E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.09E+00
5.04E+01	-9.30E+01	1.73E+02	6.10E-03	-5.09E+00
5.04E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.08E+00
5.04E+01	-9.30E+01	1.73E+02	-2.32E-02	-5.06E+00

5.04E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.08E+00
5.05E+01	-9.30E+01	1.73E+02	-1.22E-02	-5.08E+00
5.05E+01	-9.30E+01	1.73E+02	-2.44E-02	-5.08E+00
5.05E+01	-9.30E+01	1.74E+02	-3.42E-02	-5.08E+00
5.05E+01	-9.30E+01	1.73E+02	-2.93E-02	-5.07E+00
5.05E+01	-9.30E+01	1.73E+02	9.77E-03	-5.07E+00
5.06E+01	-9.30E+01	1.72E+02	-8.54E-03	-5.07E+00
5.06E+01	-9.30E+01	1.73E+02	2.44E-03	-5.07E+00
5.06E+01	-9.30E+01	1.73E+02	4.88E-03	-5.07E+00
5.06E+01	-9.30E+01	1.73E+02	-1.59E-02	-5.09E+00
5.06E+01	-9.30E+01	1.72E+02	-4.88E-03	-5.07E+00
5.07E+01	-9.30E+01	1.73E+02	-7.32E-03	-5.06E+00
5.07E+01	-9.30E+01	1.74E+02	-2.44E-03	-5.07E+00
5.07E+01	-9.30E+01	1.73E+02	-2.93E-02	-5.06E+00
5.07E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.06E+00
5.07E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.04E+00
5.08E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.06E+00
5.08E+01	-9.30E+01	1.73E+02	-2.56E-02	-5.06E+00
5.08E+01	-9.30E+01	1.73E+02	-4.39E-02	-5.05E+00
5.08E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.05E+00
5.08E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.03E+00
5.09E+01	-9.30E+01	1.73E+02	2.44E-03	-5.04E+00
5.09E+01	-9.30E+01	1.73E+02	6.10E-03	-5.04E+00
5.09E+01	-9.30E+01	1.73E+02	-3.91E-02	-5.04E+00
5.09E+01	-9.30E+01	1.73E+02	-2.20E-02	-5.04E+00
5.09E+01	-9.30E+01	1.73E+02	-7.32E-03	-5.03E+00
5.10E+01	-9.30E+01	1.73E+02	-9.77E-03	-5.03E+00
5.10E+01	-9.30E+01	1.73E+02	2.44E-03	-5.04E+00
5.10E+01	-9.30E+01	1.73E+02	1.46E-02	-5.05E+00
5.10E+01	-9.30E+01	1.73E+02	-1.22E-02	-5.04E+00
5.10E+01	-9.30E+01	1.73E+02	-7.32E-03	-5.03E+00
5.11E+01	-9.30E+01	1.73E+02	2.81E-02	-5.03E+00
5.11E+01	-9.30E+01	1.73E+02	0.00E+00	-5.03E+00
5.11E+01	-9.30E+01	1.73E+02	2.44E-03	-5.03E+00
5.11E+01	-9.30E+01	1.73E+02	-2.32E-02	-5.03E+00
5.11E+01	-9.30E+01	1.73E+02	-8.54E-03	-5.02E+00
5.12E+01	-9.30E+01	1.73E+02	-1.46E-02	-5.02E+00
5.12E+01	-9.30E+01	1.73E+02	-7.32E-03	-5.02E+00
5.12E+01	-9.30E+01	1.73E+02	-2.20E-02	-5.02E+00
5.12E+01	-9.30E+01	1.73E+02	-2.81E-02	-5.01E+00
5.12E+01	-9.30E+01	1.73E+02	-2.69E-02	-5.02E+00
5.13E+01	-9.30E+01	1.72E+02	-2.93E-02	-5.02E+00
5.13E+01	-9.30E+01	1.73E+02	-3.66E-02	-5.02E+00
5.13E+01	-9.30E+01	1.73E+02	-2.20E-02	-5.01E+00
5.13E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.03E+00
5.13E+01	-9.30E+01	1.72E+02	-2.44E-03	-5.01E+00
5.14E+01	-9.30E+01	1.72E+02	-4.88E-03	-5.00E+00

5.14E+01	-9.30E+01	1.73E+02	3.66E-03	-5.00E+00
5.14E+01	-9.30E+01	1.73E+02	4.88E-03	-5.00E+00
5.14E+01	-9.30E+01	1.73E+02	0.00E+00	-5.00E+00
5.14E+01	-9.30E+01	1.73E+02	2.93E-02	-5.01E+00
5.15E+01	-9.30E+01	1.73E+02	-1.34E-02	-5.01E+00
5.15E+01	-9.30E+01	1.73E+02	-4.39E-02	-5.00E+00
5.15E+01	-9.30E+01	1.73E+02	-1.71E-02	-5.00E+00
5.15E+01	-9.30E+01	1.73E+02	-2.32E-02	-5.01E+00
5.15E+01	-9.30E+01	1.73E+02	-3.42E-02	-5.00E+00
5.16E+01	-9.30E+01	1.72E+02	-2.44E-02	-5.00E+00
5.16E+01	-9.30E+01	1.73E+02	-3.66E-02	-4.99E+00
5.16E+01	-9.30E+01	1.72E+02	-3.17E-02	-5.00E+00
5.16E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.99E+00
5.16E+01	-9.30E+01	1.72E+02	-4.03E-02	-4.99E+00
5.17E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.99E+00
5.17E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.98E+00
5.17E+01	-9.30E+01	1.72E+02	-4.39E-02	-4.98E+00
5.17E+01	-9.30E+01	1.72E+02	-5.13E-02	-4.97E+00
5.17E+01	-9.30E+01	1.73E+02	-2.32E-02	-4.96E+00
5.18E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.97E+00
5.18E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.97E+00
5.18E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.96E+00
5.18E+01	-9.30E+01	1.72E+02	-3.42E-02	-4.96E+00
5.18E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.95E+00
5.19E+01	-9.30E+01	1.73E+02	-1.22E-03	-4.96E+00
5.19E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.96E+00
5.19E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.96E+00
5.19E+01	-9.30E+01	1.73E+02	6.10E-03	-4.95E+00
5.19E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.95E+00
5.20E+01	-9.30E+01	1.72E+02	-6.10E-03	-4.95E+00
5.20E+01	-9.30E+01	1.72E+02	0.00E+00	-4.96E+00
5.20E+01	-9.30E+01	1.73E+02	2.44E-03	-4.95E+00
5.20E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.95E+00
5.20E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.95E+00
5.21E+01	-9.30E+01	1.73E+02	6.10E-03	-4.94E+00
5.21E+01	-9.30E+01	1.73E+02	9.77E-03	-4.95E+00
5.21E+01	-9.30E+01	1.72E+02	7.32E-03	-4.94E+00
5.21E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.94E+00
5.21E+01	-9.30E+01	1.72E+02	-3.66E-03	-4.93E+00
5.22E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.94E+00
5.22E+01	-9.30E+01	1.72E+02	-1.22E-03	-4.94E+00
5.22E+01	-9.30E+01	1.72E+02	6.10E-03	-4.94E+00
5.22E+01	-9.30E+01	1.72E+02	-1.22E-02	-4.94E+00
5.22E+01	-9.30E+01	1.72E+02	-1.59E-02	-4.93E+00
5.23E+01	-9.30E+01	1.73E+02	-6.10E-03	-4.92E+00
5.23E+01	-9.30E+01	1.72E+02	1.59E-02	-4.93E+00
5.23E+01	-9.30E+01	1.72E+02	1.22E-03	-4.93E+00

5.23E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.91E+00
5.23E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.91E+00
5.24E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.91E+00
5.24E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.92E+00
5.24E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.91E+00
5.24E+01	-9.30E+01	1.72E+02	-3.54E-02	-4.92E+00
5.24E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.91E+00
5.25E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.93E+00
5.25E+01	-9.30E+01	1.72E+02	-4.39E-02	-4.92E+00
5.25E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.92E+00
5.25E+01	-9.30E+01	1.72E+02	-6.10E-03	-4.93E+00
5.25E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.91E+00
5.26E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.90E+00
5.26E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.90E+00
5.26E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.91E+00
5.26E+01	-9.30E+01	1.72E+02	1.22E-03	-4.90E+00
5.26E+01	-9.30E+01	1.71E+02	0.00E+00	-4.91E+00
5.27E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.90E+00
5.27E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.91E+00
5.27E+01	-9.30E+01	1.71E+02	0.00E+00	-4.90E+00
5.27E+01	-9.30E+01	1.72E+02	-1.59E-02	-4.90E+00
5.27E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.91E+00
5.28E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.89E+00
5.28E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.89E+00
5.28E+01	-9.30E+01	1.71E+02	-4.64E-02	-4.90E+00
5.28E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.89E+00
5.28E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.89E+00
5.29E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.89E+00
5.29E+01	-9.30E+01	1.71E+02	-3.54E-02	-4.88E+00
5.29E+01	-9.30E+01	1.71E+02	-2.08E-02	-4.87E+00
5.29E+01	-9.30E+01	1.72E+02	0.00E+00	-4.88E+00
5.29E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.88E+00
5.30E+01	-9.30E+01	1.71E+02	-3.30E-02	-4.88E+00
5.30E+01	-9.30E+01	1.72E+02	-2.08E-02	-4.88E+00
5.30E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.87E+00
5.30E+01	-9.30E+01	1.71E+02	2.20E-02	-4.87E+00
5.30E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.86E+00
5.31E+01	-9.30E+01	1.72E+02	4.88E-03	-4.87E+00
5.31E+01	-9.30E+01	1.72E+02	6.10E-03	-4.86E+00
5.31E+01	-9.30E+01	1.71E+02	6.10E-03	-4.86E+00
5.31E+01	-9.30E+01	1.71E+02	2.20E-02	-4.85E+00
5.31E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.85E+00
5.32E+01	-9.30E+01	1.72E+02	-1.22E-02	-4.84E+00
5.32E+01	-9.30E+01	1.72E+02	-1.10E-02	-4.85E+00
5.32E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.85E+00
5.32E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.87E+00
5.32E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.86E+00

5.33E+01	-9.30E+01	1.71E+02	-1.10E-02	-4.86E+00
5.33E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.83E+00
5.33E+01	-9.30E+01	1.71E+02	7.32E-03	-4.84E+00
5.33E+01	-9.30E+01	1.72E+02	4.88E-03	-4.84E+00
5.33E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.83E+00
5.34E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.83E+00
5.34E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.85E+00
5.34E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.83E+00
5.34E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.83E+00
5.34E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.83E+00
5.35E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.83E+00
5.35E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.83E+00
5.35E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.82E+00
5.35E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.82E+00
5.35E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.83E+00
5.36E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.83E+00
5.36E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.83E+00
5.36E+01	-9.30E+01	1.71E+02	-3.54E-02	-4.82E+00
5.36E+01	-9.30E+01	1.71E+02	-2.08E-02	-4.82E+00
5.36E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.82E+00
5.37E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.82E+00
5.37E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.83E+00
5.37E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.82E+00
5.37E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.81E+00
5.37E+01	-9.30E+01	1.71E+02	-1.10E-02	-4.81E+00
5.38E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.82E+00
5.38E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.81E+00
5.38E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.81E+00
5.38E+01	-9.30E+01	1.71E+02	1.22E-02	-4.81E+00
5.38E+01	-9.30E+01	1.71E+02	2.44E-03	-4.80E+00
5.39E+01	-9.30E+01	1.71E+02	2.44E-03	-4.80E+00
5.39E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.79E+00
5.39E+01	-9.30E+01	1.71E+02	0.00E+00	-4.79E+00
5.39E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.78E+00
5.39E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.78E+00
5.40E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.78E+00
5.40E+01	-9.30E+01	1.71E+02	-4.39E-02	-4.79E+00
5.40E+01	-9.30E+01	1.71E+02	0.00E+00	-4.78E+00
5.40E+01	-9.30E+01	1.71E+02	4.88E-03	-4.78E+00
5.40E+01	-9.30E+01	1.71E+02	7.32E-03	-4.79E+00
5.41E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.79E+00
5.41E+01	-9.30E+01	1.71E+02	6.10E-03	-4.77E+00
5.41E+01	-9.30E+01	1.71E+02	9.77E-03	-4.77E+00
5.41E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.78E+00
5.41E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.78E+00
5.42E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.78E+00
5.42E+01	-9.30E+01	1.72E+02	-4.39E-02	-4.79E+00

5.42E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.78E+00
5.42E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.77E+00
5.42E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.77E+00
5.43E+01	-9.30E+01	1.71E+02	-1.22E-03	-4.77E+00
5.43E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.76E+00
5.43E+01	-9.30E+01	1.71E+02	0.00E+00	-4.75E+00
5.43E+01	-9.30E+01	1.71E+02	4.88E-03	-4.76E+00
5.43E+01	-9.30E+01	1.71E+02	-3.78E-02	-4.75E+00
5.44E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.75E+00
5.44E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.75E+00
5.44E+01	-9.30E+01	1.71E+02	0.00E+00	-4.75E+00
5.44E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.75E+00
5.44E+01	-9.30E+01	1.71E+02	0.00E+00	-4.75E+00
5.45E+01	-9.30E+01	1.72E+02	-6.10E-03	-4.75E+00
5.45E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.73E+00
5.45E+01	-9.30E+01	1.71E+02	1.10E-02	-4.73E+00
5.45E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.74E+00
5.45E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.75E+00
5.46E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.74E+00
5.46E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.74E+00
5.46E+01	-9.30E+01	1.71E+02	-3.66E-02	-4.74E+00
5.46E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.74E+00
5.46E+01	-9.30E+01	1.71E+02	0.00E+00	-4.74E+00
5.47E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.74E+00
5.47E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.73E+00
5.47E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.72E+00
5.47E+01	-9.30E+01	1.71E+02	1.22E-02	-4.72E+00
5.47E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.72E+00
5.48E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.72E+00
5.48E+01	-9.30E+01	1.71E+02	-4.27E-02	-4.73E+00
5.48E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.73E+00
5.48E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.73E+00
5.48E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.72E+00
5.49E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.72E+00
5.49E+01	-9.30E+01	1.71E+02	7.32E-03	-4.71E+00
5.49E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.72E+00
5.49E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.72E+00
5.49E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.71E+00
5.50E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.72E+00
5.50E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.71E+00
5.50E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.70E+00
5.50E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.70E+00
5.50E+01	-9.30E+01	1.71E+02	0.00E+00	-4.70E+00
5.51E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.69E+00
5.51E+01	-9.30E+01	1.71E+02	-8.54E-03	-4.69E+00
5.51E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.69E+00
5.51E+01	-9.30E+01	1.71E+02	-2.32E-02	-4.69E+00

5.51E+01	-9.30E+01	1.71E+02	-3.05E-02	-4.69E+00
5.52E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.68E+00
5.52E+01	-9.30E+01	1.71E+02	-3.66E-02	-4.68E+00
5.52E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.68E+00
5.52E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.69E+00
5.52E+01	-9.30E+01	1.71E+02	-3.30E-02	-4.67E+00
5.53E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.68E+00
5.53E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.68E+00
5.53E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.67E+00
5.53E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.67E+00
5.53E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.68E+00
5.54E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.67E+00
5.54E+01	-9.30E+01	1.71E+02	-3.30E-02	-4.68E+00
5.54E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.67E+00
5.54E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.67E+00
5.54E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.67E+00
5.55E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.68E+00
5.55E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.67E+00
5.55E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.66E+00
5.55E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.67E+00
5.55E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.65E+00
5.56E+01	-9.30E+01	1.71E+02	-1.10E-02	-4.66E+00
5.56E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.66E+00
5.56E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.65E+00
5.56E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.66E+00
5.56E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.65E+00
5.57E+01	-9.30E+01	1.72E+02	0.00E+00	-4.64E+00
5.57E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.65E+00
5.57E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.65E+00
5.57E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.63E+00
5.57E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.63E+00
5.58E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.62E+00
5.58E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.63E+00
5.58E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.64E+00
5.58E+01	-9.30E+01	1.72E+02	-1.10E-02	-4.63E+00
5.58E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.63E+00
5.59E+01	-9.30E+01	1.71E+02	-4.15E-02	-4.64E+00
5.59E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.63E+00
5.59E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.63E+00
5.59E+01	-9.30E+01	1.71E+02	0.00E+00	-4.62E+00
5.59E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.63E+00
5.60E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.63E+00
5.60E+01	-9.30E+01	1.71E+02	8.54E-03	-4.62E+00
5.60E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.61E+00
5.60E+01	-9.30E+01	1.72E+02	2.44E-03	-4.62E+00
5.60E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.61E+00
5.61E+01	-9.30E+01	1.71E+02	2.44E-03	-4.61E+00

5.61E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.61E+00
5.61E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.61E+00
5.61E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.60E+00
5.61E+01	-9.30E+01	1.71E+02	9.77E-03	-4.59E+00
5.62E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.59E+00
5.62E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.60E+00
5.62E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.60E+00
5.62E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.60E+00
5.62E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.61E+00
5.63E+01	-9.30E+01	1.71E+02	-3.91E-02	-4.60E+00
5.63E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.60E+00
5.63E+01	-9.30E+01	1.71E+02	-3.66E-03	-4.60E+00
5.63E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.59E+00
5.63E+01	-9.30E+01	1.71E+02	-8.54E-03	-4.59E+00
5.64E+01	-9.30E+01	1.71E+02	6.10E-03	-4.59E+00
5.64E+01	-9.30E+01	1.71E+02	7.32E-03	-4.59E+00
5.64E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.58E+00
5.64E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.58E+00
5.64E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.56E+00
5.65E+01	-9.30E+01	1.71E+02	7.32E-03	-4.58E+00
5.65E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.58E+00
5.65E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.57E+00
5.65E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.57E+00
5.65E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.57E+00
5.66E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.56E+00
5.66E+01	-9.30E+01	1.72E+02	1.22E-03	-4.57E+00
5.66E+01	-9.30E+01	1.71E+02	-3.66E-03	-4.56E+00
5.66E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.56E+00
5.66E+01	-9.30E+01	1.71E+02	-8.54E-03	-4.57E+00
5.67E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.56E+00
5.67E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.56E+00
5.67E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.56E+00
5.67E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.57E+00
5.67E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.57E+00
5.68E+01	-9.30E+01	1.71E+02	-3.66E-02	-4.56E+00
5.68E+01	-9.30E+01	1.71E+02	-2.32E-02	-4.56E+00
5.68E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.56E+00
5.68E+01	-9.30E+01	1.71E+02	0.00E+00	-4.56E+00
5.68E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.56E+00
5.69E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.55E+00
5.69E+01	-9.30E+01	1.72E+02	-1.83E-02	-4.54E+00
5.69E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.56E+00
5.69E+01	-9.30E+01	1.71E+02	6.10E-03	-4.54E+00
5.69E+01	-9.30E+01	1.72E+02	-3.66E-03	-4.54E+00
5.70E+01	-9.30E+01	1.71E+02	-1.10E-02	-4.54E+00
5.70E+01	-9.30E+01	1.71E+02	-3.66E-03	-4.54E+00
5.70E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.53E+00

5.70E+01	-9.30E+01	1.71E+02	-1.22E-03	-4.53E+00
5.70E+01	-9.30E+01	1.71E+02	-3.66E-03	-4.53E+00
5.71E+01	-9.30E+01	1.71E+02	-3.66E-03	-4.52E+00
5.71E+01	-9.30E+01	1.71E+02	3.66E-03	-4.53E+00
5.71E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.53E+00
5.71E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.53E+00
5.71E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.53E+00
5.72E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.52E+00
5.72E+01	-9.30E+01	1.71E+02	8.54E-03	-4.52E+00
5.72E+01	-9.30E+01	1.71E+02	-1.22E-03	-4.52E+00
5.72E+01	-9.30E+01	1.72E+02	-1.34E-02	-4.51E+00
5.72E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.49E+00
5.73E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.51E+00
5.73E+01	-9.30E+01	1.71E+02	-1.59E-02	-4.51E+00
5.73E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.50E+00
5.73E+01	-9.30E+01	1.71E+02	-2.56E-02	-4.49E+00
5.73E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.51E+00
5.74E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.50E+00
5.74E+01	-9.30E+01	1.71E+02	-3.66E-02	-4.49E+00
5.74E+01	-9.30E+01	1.71E+02	-3.66E-02	-4.50E+00
5.74E+01	-9.30E+01	1.71E+02	-2.81E-02	-4.50E+00
5.74E+01	-9.30E+01	1.71E+02	-5.98E-02	-4.51E+00
5.75E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.51E+00
5.75E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.50E+00
5.75E+01	-9.30E+01	1.71E+02	1.22E-02	-4.49E+00
5.75E+01	-9.30E+01	1.71E+02	0.00E+00	-4.50E+00
5.75E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.50E+00
5.76E+01	-9.30E+01	1.71E+02	-1.22E-03	-4.50E+00
5.76E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.51E+00
5.76E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.49E+00
5.76E+01	-9.30E+01	1.71E+02	4.88E-03	-4.49E+00
5.76E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.48E+00
5.77E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.48E+00
5.77E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.48E+00
5.77E+01	-9.30E+01	1.71E+02	9.77E-03	-4.48E+00
5.77E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.48E+00
5.77E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.47E+00
5.78E+01	-9.30E+01	1.71E+02	0.00E+00	-4.47E+00
5.78E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.47E+00
5.78E+01	-9.30E+01	1.71E+02	2.44E-03	-4.46E+00
5.78E+01	-9.30E+01	1.72E+02	-3.66E-03	-4.46E+00
5.78E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.45E+00
5.79E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.45E+00
5.79E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.46E+00
5.79E+01	-9.30E+01	1.72E+02	-3.42E-02	-4.46E+00
5.79E+01	-9.30E+01	1.71E+02	-5.37E-02	-4.46E+00
5.79E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.45E+00

5.80E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.46E+00
5.80E+01	-9.30E+01	1.71E+02	-3.05E-02	-4.45E+00
5.80E+01	-9.30E+01	1.71E+02	-3.78E-02	-4.45E+00
5.80E+01	-9.30E+01	1.71E+02	-2.08E-02	-4.46E+00
5.80E+01	-9.30E+01	1.71E+02	-3.05E-02	-4.45E+00
5.81E+01	-9.30E+01	1.71E+02	-1.59E-02	-4.47E+00
5.81E+01	-9.30E+01	1.71E+02	-2.32E-02	-4.45E+00
5.81E+01	-9.30E+01	1.71E+02	-3.66E-02	-4.44E+00
5.81E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.44E+00
5.81E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.44E+00
5.82E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.45E+00
5.82E+01	-9.30E+01	1.71E+02	-4.39E-02	-4.43E+00
5.82E+01	-9.30E+01	1.71E+02	-4.15E-02	-4.43E+00
5.82E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.43E+00
5.82E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.43E+00
5.83E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.42E+00
5.83E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.43E+00
5.83E+01	-9.30E+01	1.71E+02	-3.66E-02	-4.42E+00
5.83E+01	-9.30E+01	1.71E+02	-4.39E-02	-4.42E+00
5.83E+01	-9.30E+01	1.71E+02	-3.30E-02	-4.42E+00
5.84E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.41E+00
5.84E+01	-9.30E+01	1.71E+02	1.71E-02	-4.41E+00
5.84E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.41E+00
5.84E+01	-9.30E+01	1.71E+02	-1.10E-02	-4.41E+00
5.84E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.41E+00
5.85E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.40E+00
5.85E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.40E+00
5.85E+01	-9.30E+01	1.71E+02	-5.13E-02	-4.40E+00
5.85E+01	-9.30E+01	1.71E+02	-3.54E-02	-4.41E+00
5.85E+01	-9.30E+01	1.71E+02	-2.08E-02	-4.39E+00
5.86E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.39E+00
5.86E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.39E+00
5.86E+01	-9.30E+01	1.71E+02	-8.54E-03	-4.40E+00
5.86E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.40E+00
5.86E+01	-9.30E+01	1.71E+02	-3.05E-02	-4.40E+00
5.87E+01	-9.30E+01	1.71E+02	-1.22E-03	-4.39E+00
5.87E+01	-9.30E+01	1.71E+02	-3.66E-03	-4.39E+00
5.87E+01	-9.30E+01	1.71E+02	3.66E-03	-4.39E+00
5.87E+01	-9.30E+01	1.70E+02	-2.56E-02	-4.39E+00
5.87E+01	-9.30E+01	1.70E+02	1.22E-03	-4.38E+00
5.88E+01	-9.30E+01	1.70E+02	-6.10E-03	-4.38E+00
5.88E+01	-9.30E+01	1.71E+02	-3.66E-03	-4.37E+00
5.88E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.38E+00
5.88E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.38E+00
5.88E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.38E+00
5.89E+01	-9.30E+01	1.71E+02	-3.91E-02	-4.38E+00
5.89E+01	-9.30E+01	1.70E+02	-7.32E-03	-4.37E+00

5.89E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.38E+00
5.89E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.37E+00
5.89E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.36E+00
5.90E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.36E+00
5.90E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.36E+00
5.90E+01	-9.30E+01	1.70E+02	-4.88E-02	-4.38E+00
5.90E+01	-9.30E+01	1.70E+02	-4.15E-02	-4.36E+00
5.90E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.35E+00
5.91E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.36E+00
5.91E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.36E+00
5.91E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.36E+00
5.91E+01	-9.30E+01	1.70E+02	-3.42E-02	-4.35E+00
5.91E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.34E+00
5.92E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.35E+00
5.92E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.35E+00
5.92E+01	-9.30E+01	1.70E+02	-1.34E-02	-4.35E+00
5.92E+01	-9.30E+01	1.70E+02	-2.81E-02	-4.34E+00
5.92E+01	-9.30E+01	1.70E+02	-4.03E-02	-4.35E+00
5.93E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.35E+00
5.93E+01	-9.30E+01	1.70E+02	-3.66E-02	-4.35E+00
5.93E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.34E+00
5.93E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.35E+00
5.93E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.35E+00
5.94E+01	-9.30E+01	1.70E+02	-1.10E-02	-4.35E+00
5.94E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.33E+00
5.94E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.33E+00
5.94E+01	-9.30E+01	1.70E+02	7.32E-03	-4.34E+00
5.94E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.33E+00
5.95E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.34E+00
5.95E+01	-9.30E+01	1.70E+02	-7.32E-03	-4.32E+00
5.95E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.33E+00
5.95E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.33E+00
5.95E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.32E+00
5.96E+01	-9.30E+01	1.70E+02	-7.32E-03	-4.32E+00
5.96E+01	-9.30E+01	1.70E+02	-2.93E-02	-4.32E+00
5.96E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.32E+00
5.96E+01	-9.30E+01	1.70E+02	0.00E+00	-4.31E+00
5.96E+01	-9.30E+01	1.70E+02	4.88E-03	-4.31E+00
5.97E+01	-9.30E+01	1.70E+02	-6.10E-03	-4.30E+00
5.97E+01	-9.30E+01	1.70E+02	-3.66E-03	-4.30E+00
5.97E+01	-9.30E+01	1.70E+02	1.10E-02	-4.30E+00
5.97E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.31E+00
5.97E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.30E+00
5.98E+01	-9.30E+01	1.70E+02	-1.34E-02	-4.29E+00
5.98E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.30E+00
5.98E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.30E+00
5.98E+01	-9.30E+01	1.70E+02	-4.15E-02	-4.29E+00

5.98E+01	-9.30E+01	1.70E+02	0.00E+00	-4.28E+00
5.99E+01	-9.30E+01	1.70E+02	-3.05E-02	-4.29E+00
5.99E+01	-9.30E+01	1.70E+02	-2.81E-02	-4.30E+00
5.99E+01	-9.30E+01	1.70E+02	-3.91E-02	-4.29E+00
5.99E+01	-9.30E+01	1.70E+02	-3.66E-02	-4.29E+00
5.99E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.29E+00
6.00E+01	-9.30E+01	1.70E+02	-2.93E-02	-4.28E+00
6.00E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.27E+00
6.00E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.28E+00
6.00E+01	-9.30E+01	1.69E+02	-3.30E-02	-4.28E+00
6.00E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.27E+00
6.01E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.28E+00
6.01E+01	-9.30E+01	1.70E+02	-2.56E-02	-4.27E+00
6.01E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.29E+00
6.01E+01	-9.30E+01	1.70E+02	-4.15E-02	-4.27E+00
6.01E+01	-9.30E+01	1.70E+02	-3.30E-02	-4.27E+00
6.02E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.28E+00
6.02E+01	-9.30E+01	1.70E+02	-2.93E-02	-4.28E+00
6.02E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.26E+00
6.02E+01	-9.30E+01	1.70E+02	-3.54E-02	-4.27E+00
6.02E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.27E+00
6.03E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.27E+00
6.03E+01	-9.30E+01	1.70E+02	-2.93E-02	-4.27E+00
6.03E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.26E+00
6.03E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.26E+00
6.03E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.26E+00
6.04E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.25E+00
6.04E+01	-9.30E+01	1.70E+02	-8.54E-03	-4.24E+00
6.04E+01	-9.30E+01	1.70E+02	0.00E+00	-4.24E+00
6.04E+01	-9.30E+01	1.70E+02	1.22E-02	-4.24E+00
6.04E+01	-9.30E+01	1.69E+02	3.66E-03	-4.25E+00
6.05E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.25E+00
6.05E+01	-9.30E+01	1.70E+02	-7.32E-03	-4.23E+00
6.05E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.24E+00
6.05E+01	-9.30E+01	1.69E+02	1.22E-02	-4.24E+00
6.05E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.24E+00
6.06E+01	-9.30E+01	1.70E+02	-1.10E-02	-4.22E+00
6.06E+01	-9.30E+01	1.70E+02	4.88E-03	-4.23E+00
6.06E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.22E+00
6.06E+01	-9.30E+01	1.70E+02	-7.32E-03	-4.23E+00
6.06E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.22E+00
6.07E+01	-9.30E+01	1.70E+02	-2.81E-02	-4.22E+00
6.07E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.22E+00
6.07E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.22E+00
6.07E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.22E+00
6.07E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.22E+00
6.08E+01	-9.30E+01	1.69E+02	-7.32E-03	-4.22E+00

6.08E+01	-9.30E+01	1.70E+02	6.10E-03	-4.21E+00
6.08E+01	-9.30E+01	1.70E+02	0.00E+00	-4.21E+00
6.08E+01	-9.30E+01	1.69E+02	7.32E-03	-4.21E+00
6.08E+01	-9.30E+01	1.69E+02	2.44E-03	-4.21E+00
6.09E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.22E+00
6.09E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.20E+00
6.09E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.21E+00
6.09E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.21E+00
6.09E+01	-9.30E+01	1.70E+02	1.95E-02	-4.21E+00
6.10E+01	-9.30E+01	1.70E+02	-8.54E-03	-4.20E+00
6.10E+01	-9.30E+01	1.70E+02	-7.32E-03	-4.20E+00
6.10E+01	-9.30E+01	1.70E+02	-7.32E-03	-4.20E+00
6.10E+01	-9.30E+01	1.69E+02	4.88E-03	-4.20E+00
6.10E+01	-9.30E+01	1.70E+02	-2.93E-02	-4.19E+00
6.11E+01	-9.30E+01	1.70E+02	-1.34E-02	-4.19E+00
6.11E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.18E+00
6.11E+01	-9.30E+01	1.69E+02	-1.22E-03	-4.19E+00
6.11E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.18E+00
6.11E+01	-9.30E+01	1.70E+02	-4.39E-02	-4.18E+00
6.12E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.18E+00
6.12E+01	-9.30E+01	1.70E+02	-3.42E-02	-4.18E+00
6.12E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.18E+00
6.12E+01	-9.30E+01	1.70E+02	-2.93E-02	-4.17E+00
6.12E+01	-9.30E+01	1.70E+02	-2.81E-02	-4.17E+00
6.13E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.17E+00
6.13E+01	-9.30E+01	1.70E+02	-8.54E-03	-4.16E+00
6.13E+01	-9.30E+01	1.70E+02	-4.39E-02	-4.18E+00
6.13E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.16E+00
6.13E+01	-9.30E+01	1.70E+02	-4.64E-02	-4.17E+00
6.14E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.16E+00
6.14E+01	-9.30E+01	1.70E+02	-2.56E-02	-4.16E+00
6.14E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.16E+00
6.14E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.17E+00
6.14E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.16E+00
6.15E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.15E+00
6.15E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.16E+00
6.15E+01	-9.30E+01	1.70E+02	1.95E-02	-4.16E+00
6.15E+01	-9.30E+01	1.69E+02	-1.83E-02	-4.15E+00
6.15E+01	-9.30E+01	1.70E+02	-3.42E-02	-4.16E+00
6.16E+01	-9.30E+01	1.70E+02	0.00E+00	-4.15E+00
6.16E+01	-9.30E+01	1.70E+02	-7.32E-03	-4.14E+00
6.16E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.15E+00
6.16E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.14E+00
6.16E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.14E+00
6.17E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.13E+00
6.17E+01	-9.30E+01	1.69E+02	-8.54E-03	-4.12E+00
6.17E+01	-9.30E+01	1.70E+02	1.71E-02	-4.14E+00

6.17E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.14E+00
6.17E+01	-9.30E+01	1.70E+02	1.46E-02	-4.13E+00
6.18E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.15E+00
6.18E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.14E+00
6.18E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.13E+00
6.18E+01	-9.30E+01	1.70E+02	7.32E-03	-4.13E+00
6.18E+01	-9.30E+01	1.69E+02	4.88E-03	-4.12E+00
6.19E+01	-9.30E+01	1.69E+02	1.22E-02	-4.12E+00
6.19E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.13E+00
6.19E+01	-9.30E+01	1.69E+02	-3.91E-02	-4.14E+00
6.19E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.13E+00
6.19E+01	-9.30E+01	1.70E+02	1.22E-03	-4.13E+00
6.20E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.13E+00
6.20E+01	-9.30E+01	1.69E+02	-2.93E-02	-4.12E+00
6.20E+01	-9.30E+01	1.70E+02	-8.54E-03	-4.14E+00
6.20E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.12E+00
6.20E+01	-9.30E+01	1.69E+02	0.00E+00	-4.11E+00
6.21E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.12E+00
6.21E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.12E+00
6.21E+01	-9.30E+01	1.69E+02	-2.81E-02	-4.12E+00
6.21E+01	-9.30E+01	1.69E+02	-2.44E-03	-4.11E+00
6.21E+01	-9.30E+01	1.70E+02	-2.56E-02	-4.12E+00
6.22E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.12E+00
6.22E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.11E+00
6.22E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.10E+00
6.22E+01	-9.30E+01	1.70E+02	-2.93E-02	-4.11E+00
6.22E+01	-9.30E+01	1.69E+02	-3.66E-03	-4.10E+00
6.23E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.10E+00
6.23E+01	-9.30E+01	1.69E+02	-8.54E-03	-4.09E+00
6.23E+01	-9.30E+01	1.70E+02	0.00E+00	-4.09E+00
6.23E+01	-9.30E+01	1.70E+02	3.66E-03	-4.09E+00
6.23E+01	-9.30E+01	1.69E+02	1.46E-02	-4.08E+00
6.24E+01	-9.30E+01	1.70E+02	4.88E-03	-4.07E+00
6.24E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.08E+00
6.24E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.09E+00
6.24E+01	-9.30E+01	1.70E+02	4.88E-03	-4.08E+00
6.24E+01	-9.30E+01	1.69E+02	0.00E+00	-4.08E+00
6.25E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.09E+00
6.25E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.08E+00
6.25E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.08E+00
6.25E+01	-9.30E+01	1.69E+02	-2.08E-02	-4.08E+00
6.25E+01	-9.30E+01	1.70E+02	0.00E+00	-4.08E+00
6.26E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.08E+00
6.26E+01	-9.30E+01	1.69E+02	-4.88E-03	-4.09E+00
6.26E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.07E+00
6.26E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.06E+00
6.26E+01	-9.30E+01	1.70E+02	-7.32E-03	-4.07E+00

6.27E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.07E+00
6.27E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.07E+00
6.27E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.06E+00
6.27E+01	-9.30E+01	1.69E+02	-3.42E-02	-4.07E+00
6.27E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.06E+00
6.28E+01	-9.30E+01	1.69E+02	-1.34E-02	-4.05E+00
6.28E+01	-9.30E+01	1.69E+02	-2.81E-02	-4.06E+00
6.28E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.06E+00
6.28E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.06E+00
6.28E+01	-9.30E+01	1.69E+02	-2.08E-02	-4.05E+00
6.29E+01	-9.30E+01	1.70E+02	-2.56E-02	-4.05E+00
6.29E+01	-9.30E+01	1.70E+02	-3.66E-02	-4.06E+00
6.29E+01	-9.30E+01	1.69E+02	-3.42E-02	-4.04E+00
6.29E+01	-9.30E+01	1.70E+02	-4.27E-02	-4.05E+00
6.29E+01	-9.30E+01	1.69E+02	-4.39E-02	-4.03E+00
6.30E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.04E+00
6.30E+01	-9.30E+01	1.69E+02	-2.93E-02	-4.04E+00
6.30E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.03E+00
6.30E+01	-9.30E+01	1.69E+02	-4.15E-02	-4.03E+00
6.30E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.02E+00
6.31E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.03E+00
6.31E+01	-9.30E+01	1.69E+02	-3.54E-02	-4.04E+00
6.31E+01	-9.30E+01	1.69E+02	-5.37E-02	-4.03E+00
6.31E+01	-9.30E+01	1.69E+02	-2.56E-02	-4.02E+00
6.31E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.03E+00
6.32E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.03E+00
6.32E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.03E+00
6.32E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.02E+00
6.32E+01	-9.30E+01	1.70E+02	4.88E-03	-4.02E+00
6.32E+01	-9.30E+01	1.69E+02	-6.10E-03	-4.02E+00
6.33E+01	-9.30E+01	1.69E+02	-8.54E-03	-4.02E+00
6.33E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.01E+00
6.33E+01	-9.30E+01	1.70E+02	1.71E-02	-4.00E+00
6.33E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.01E+00
6.33E+01	-9.30E+01	1.69E+02	-4.88E-02	-4.02E+00
6.34E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.01E+00
6.34E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.00E+00
6.34E+01	-9.30E+01	1.70E+02	-4.03E-02	-4.01E+00
6.34E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.00E+00
6.34E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.01E+00
6.35E+01	-9.30E+01	1.69E+02	-7.32E-03	-4.00E+00
6.35E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.00E+00
6.35E+01	-9.30E+01	1.69E+02	-3.17E-02	-4.00E+00
6.35E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.99E+00
6.35E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.00E+00
6.36E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.00E+00
6.36E+01	-9.30E+01	1.69E+02	-3.17E-02	-4.00E+00

6.36E+01	-9.30E+01	1.69E+02	-4.64E-02	-3.98E+00
6.36E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.98E+00
6.36E+01	-9.30E+01	1.69E+02	-4.15E-02	-3.98E+00
6.37E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.98E+00
6.37E+01	-9.30E+01	1.69E+02	-2.81E-02	-3.99E+00
6.37E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.97E+00
6.37E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.97E+00
6.37E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.96E+00
6.38E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.96E+00
6.38E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.96E+00
6.38E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.96E+00
6.38E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.96E+00
6.38E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.96E+00
6.39E+01	-9.30E+01	1.70E+02	1.10E-02	-3.95E+00
6.39E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.95E+00
6.39E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.96E+00
6.39E+01	-9.30E+01	1.69E+02	0.00E+00	-3.95E+00
6.39E+01	-9.30E+01	1.69E+02	-3.66E-03	-3.95E+00
6.40E+01	-9.30E+01	1.70E+02	-4.88E-03	-3.95E+00
6.40E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.95E+00
6.40E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.96E+00
6.40E+01	-9.30E+01	1.69E+02	6.10E-03	-3.95E+00
6.40E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.96E+00
6.41E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.95E+00
6.41E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.94E+00
6.41E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.94E+00
6.41E+01	-9.30E+01	1.69E+02	9.77E-03	-3.93E+00
6.41E+01	-9.30E+01	1.69E+02	-4.88E-03	-3.95E+00
6.42E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.94E+00
6.42E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.93E+00
6.42E+01	-9.30E+01	1.69E+02	2.44E-03	-3.93E+00
6.42E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.93E+00
6.42E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.93E+00
6.43E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.92E+00
6.43E+01	-9.30E+01	1.69E+02	4.88E-03	-3.92E+00
6.43E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.92E+00
6.43E+01	-9.30E+01	1.69E+02	-3.66E-03	-3.93E+00
6.43E+01	-9.30E+01	1.69E+02	2.44E-03	-3.93E+00
6.44E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.92E+00
6.44E+01	-9.30E+01	1.69E+02	-3.54E-02	-3.93E+00
6.44E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.92E+00
6.44E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.92E+00
6.44E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.92E+00
6.45E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.92E+00
6.45E+01	-9.30E+01	1.69E+02	-4.39E-02	-3.91E+00
6.45E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.91E+00
6.45E+01	-9.30E+01	1.69E+02	-6.10E-02	-3.92E+00

6.45E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.91E+00
6.46E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.92E+00
6.46E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.91E+00
6.46E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.90E+00
6.46E+01	-9.30E+01	1.68E+02	-1.59E-02	-3.90E+00
6.46E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.90E+00
6.47E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.90E+00
6.47E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.90E+00
6.47E+01	-9.30E+01	1.68E+02	-5.49E-02	-3.89E+00
6.47E+01	-9.30E+01	1.69E+02	0.00E+00	-3.89E+00
6.47E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.90E+00
6.48E+01	-9.30E+01	1.68E+02	-1.34E-02	-3.90E+00
6.48E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.88E+00
6.48E+01	-9.30E+01	1.68E+02	0.00E+00	-3.88E+00
6.48E+01	-9.30E+01	1.68E+02	3.66E-03	-3.87E+00
6.48E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.88E+00
6.49E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.87E+00
6.49E+01	-9.30E+01	1.68E+02	1.71E-02	-3.87E+00
6.49E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.87E+00
6.49E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.86E+00
6.49E+01	-9.30E+01	1.68E+02	1.46E-02	-3.88E+00
6.50E+01	-9.30E+01	1.68E+02	-8.54E-03	-3.87E+00
6.50E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.86E+00
6.50E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.87E+00
6.50E+01	-9.30E+01	1.68E+02	0.00E+00	-3.87E+00
6.50E+01	-9.30E+01	1.67E+02	-9.77E-03	-3.87E+00
6.51E+01	-9.30E+01	1.67E+02	-2.32E-02	-3.88E+00
6.51E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.87E+00
6.51E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.86E+00
6.51E+01	-9.30E+01	1.67E+02	-4.15E-02	-3.85E+00
6.51E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.85E+00
6.52E+01	-9.30E+01	1.68E+02	-1.22E-03	-3.85E+00
6.52E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.86E+00
6.52E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.85E+00
6.52E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.85E+00
6.52E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.84E+00
6.53E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.84E+00
6.53E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.84E+00
6.53E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.84E+00
6.53E+01	-9.30E+01	1.67E+02	-3.66E-02	-3.84E+00
6.53E+01	-9.30E+01	1.67E+02	-4.15E-02	-3.83E+00
6.54E+01	-9.30E+01	1.68E+02	-2.56E-02	-3.83E+00
6.54E+01	-9.30E+01	1.67E+02	-6.10E-03	-3.83E+00
6.54E+01	-9.30E+01	1.67E+02	-9.77E-03	-3.82E+00
6.54E+01	-9.30E+01	1.67E+02	-2.32E-02	-3.82E+00
6.54E+01	-9.30E+01	1.67E+02	3.66E-03	-3.82E+00
6.55E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.82E+00

6.55E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.82E+00
6.55E+01	-9.30E+01	1.67E+02	-1.46E-02	-3.82E+00
6.55E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.82E+00
6.55E+01	-9.30E+01	1.67E+02	4.88E-03	-3.81E+00
6.56E+01	-9.30E+01	1.67E+02	1.22E-02	-3.81E+00
6.56E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.82E+00
6.56E+01	-9.30E+01	1.67E+02	4.88E-03	-3.81E+00
6.56E+01	-9.30E+01	1.67E+02	0.00E+00	-3.82E+00
6.56E+01	-9.30E+01	1.67E+02	0.00E+00	-3.81E+00
6.57E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.80E+00
6.57E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.81E+00
6.57E+01	-9.30E+01	1.67E+02	3.66E-03	-3.81E+00
6.57E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.81E+00
6.57E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.80E+00
6.58E+01	-9.30E+01	1.67E+02	-1.46E-02	-3.79E+00
6.58E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.80E+00
6.58E+01	-9.30E+01	1.67E+02	0.00E+00	-3.80E+00
6.58E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.79E+00
6.58E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.79E+00
6.59E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.79E+00
6.59E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.79E+00
6.59E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.79E+00
6.59E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.79E+00
6.59E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.79E+00
6.60E+01	-9.30E+01	1.67E+02	-9.77E-03	-3.78E+00
6.60E+01	-9.30E+01	1.67E+02	-3.66E-02	-3.78E+00
6.60E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.77E+00
6.60E+01	-9.30E+01	1.66E+02	7.32E-03	-3.78E+00
6.60E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.77E+00
6.61E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.77E+00
6.61E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.78E+00
6.61E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.78E+00
6.61E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.79E+00
6.61E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.78E+00
6.62E+01	-9.30E+01	1.66E+02	-4.64E-02	-3.78E+00
6.62E+01	-9.30E+01	1.67E+02	-1.10E-02	-3.77E+00
6.62E+01	-9.30E+01	1.66E+02	6.10E-03	-3.77E+00
6.62E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.78E+00
6.62E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.77E+00
6.63E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.77E+00
6.63E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.76E+00
6.63E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.77E+00
6.63E+01	-9.30E+01	1.66E+02	7.32E-03	-3.76E+00
6.63E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.76E+00
6.64E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.76E+00
6.64E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.76E+00
6.64E+01	-9.30E+01	1.66E+02	4.88E-03	-3.75E+00

6.64E+01	-9.30E+01	1.66E+02	1.22E-02	-3.75E+00
6.64E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.75E+00
6.65E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.75E+00
6.65E+01	-9.30E+01	1.66E+02	2.44E-03	-3.74E+00
6.65E+01	-9.30E+01	1.66E+02	1.22E-03	-3.75E+00
6.65E+01	-9.30E+01	1.66E+02	2.44E-03	-3.74E+00
6.65E+01	-9.30E+01	1.66E+02	4.88E-03	-3.75E+00
6.66E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.73E+00
6.66E+01	-9.30E+01	1.66E+02	-4.15E-02	-3.74E+00
6.66E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.73E+00
6.66E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.74E+00
6.66E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.74E+00
6.67E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.72E+00
6.67E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.73E+00
6.67E+01	-9.30E+01	1.66E+02	2.44E-03	-3.72E+00
6.67E+01	-9.30E+01	1.66E+02	7.32E-03	-3.73E+00
6.67E+01	-9.30E+01	1.66E+02	-3.66E-03	-3.72E+00
6.68E+01	-9.30E+01	1.66E+02	-3.66E-03	-3.71E+00
6.68E+01	-9.30E+01	1.66E+02	7.32E-03	-3.72E+00
6.68E+01	-9.30E+01	1.66E+02	7.32E-03	-3.72E+00
6.68E+01	-9.30E+01	1.66E+02	1.34E-02	-3.71E+00
6.68E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.71E+00
6.69E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.70E+00
6.69E+01	-9.30E+01	1.66E+02	6.10E-03	-3.71E+00
6.69E+01	-9.30E+01	1.66E+02	4.88E-03	-3.71E+00
6.69E+01	-9.30E+01	1.66E+02	3.66E-03	-3.70E+00
6.69E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.70E+00
6.70E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.70E+00
6.70E+01	-9.30E+01	1.66E+02	-3.66E-03	-3.69E+00
6.70E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.69E+00
6.70E+01	-9.30E+01	1.67E+02	-3.66E-02	-3.70E+00
6.70E+01	-9.30E+01	1.66E+02	-4.39E-02	-3.69E+00
6.71E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.69E+00
6.71E+01	-9.30E+01	1.66E+02	-1.22E-03	-3.69E+00
6.71E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.69E+00
6.71E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.68E+00
6.71E+01	-9.30E+01	1.66E+02	-2.08E-02	-3.69E+00
6.72E+01	-9.30E+01	1.66E+02	-2.08E-02	-3.70E+00
6.72E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.70E+00
6.72E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.69E+00
6.72E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.69E+00
6.72E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.69E+00
6.73E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.68E+00
6.73E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.68E+00
6.73E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.68E+00
6.73E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.67E+00
6.73E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.68E+00

6.74E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.68E+00
6.74E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.68E+00
6.74E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.67E+00
6.74E+01	-9.30E+01	1.66E+02	4.88E-03	-3.65E+00
6.74E+01	-9.30E+01	1.66E+02	6.10E-03	-3.66E+00
6.75E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.65E+00
6.75E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.66E+00
6.75E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.65E+00
6.75E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.64E+00
6.75E+01	-9.30E+01	1.66E+02	-6.10E-03	-3.64E+00
6.76E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.64E+00
6.76E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.64E+00
6.76E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.65E+00
6.76E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.64E+00
6.76E+01	-9.30E+01	1.66E+02	1.46E-02	-3.64E+00
6.77E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.64E+00
6.77E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.65E+00
6.77E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.65E+00
6.77E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.64E+00
6.77E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.64E+00
6.78E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.64E+00
6.78E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.64E+00
6.78E+01	-9.30E+01	1.66E+02	-4.88E-02	-3.64E+00
6.78E+01	-9.30E+01	1.66E+02	-3.30E-02	-3.64E+00
6.78E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.64E+00
6.79E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.64E+00
6.79E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.62E+00
6.79E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.62E+00
6.79E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.62E+00
6.79E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.61E+00
6.80E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.61E+00
6.80E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.62E+00
6.80E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.61E+00
6.80E+01	-9.30E+01	1.66E+02	1.22E-02	-3.61E+00
6.80E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.62E+00
6.81E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.60E+00
6.81E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.60E+00
6.81E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.60E+00
6.81E+01	-9.30E+01	1.65E+02	-4.03E-02	-3.60E+00
6.81E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.60E+00
6.82E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.60E+00
6.82E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.61E+00
6.82E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.61E+00
6.82E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.60E+00
6.82E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.61E+00
6.83E+01	-9.30E+01	1.66E+02	9.77E-03	-3.60E+00
6.83E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.60E+00

6.83E+01	-9.30E+01	1.65E+02	-4.64E-02	-3.60E+00
6.83E+01	-9.30E+01	1.66E+02	-3.05E-02	-3.59E+00
6.83E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.59E+00
6.84E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.59E+00
6.84E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.59E+00
6.84E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.59E+00
6.84E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.59E+00
6.84E+01	-9.30E+01	1.66E+02	0.00E+00	-3.58E+00
6.85E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.59E+00
6.85E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.57E+00
6.85E+01	-9.30E+01	1.66E+02	0.00E+00	-3.56E+00
6.85E+01	-9.30E+01	1.66E+02	1.22E-02	-3.57E+00
6.85E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.55E+00
6.86E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.56E+00
6.86E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.56E+00
6.86E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.56E+00
6.86E+01	-9.30E+01	1.66E+02	-4.88E-02	-3.56E+00
6.86E+01	-9.30E+01	1.66E+02	-4.15E-02	-3.57E+00
6.87E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.56E+00
6.87E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.56E+00
6.87E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.56E+00
6.87E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.56E+00
6.87E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.55E+00
6.88E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.55E+00
6.88E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.55E+00
6.88E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.55E+00
6.88E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.54E+00
6.88E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.54E+00
6.89E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.53E+00
6.89E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.54E+00
6.89E+01	-9.30E+01	1.66E+02	-2.81E-02	-3.55E+00
6.89E+01	-9.30E+01	1.66E+02	-5.98E-02	-3.54E+00
6.89E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.54E+00
6.90E+01	-9.30E+01	1.66E+02	2.44E-03	-3.54E+00
6.90E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.54E+00
6.90E+01	-9.30E+01	1.65E+02	-2.20E-02	-3.54E+00
6.90E+01	-9.30E+01	1.66E+02	-4.39E-02	-3.54E+00
6.90E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.53E+00
6.91E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.54E+00
6.91E+01	-9.30E+01	1.66E+02	-2.08E-02	-3.54E+00
6.91E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.53E+00
6.91E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.53E+00
6.91E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.53E+00
6.92E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.53E+00
6.92E+01	-9.30E+01	1.66E+02	-1.83E-02	-3.53E+00
6.92E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.53E+00
6.92E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.52E+00

6.92E+01	-9.30E+01	1.65E+02	7.32E-03	-3.52E+00
6.93E+01	-9.30E+01	1.66E+02	1.10E-02	-3.51E+00
6.93E+01	-9.30E+01	1.66E+02	-3.66E-03	-3.50E+00
6.93E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.49E+00
6.93E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.50E+00
6.93E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.50E+00
6.94E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.50E+00
6.94E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.49E+00
6.94E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.48E+00
6.94E+01	-9.30E+01	1.66E+02	-6.10E-03	-3.49E+00
6.94E+01	-9.30E+01	1.66E+02	1.22E-03	-3.49E+00
6.95E+01	-9.30E+01	1.66E+02	-3.78E-02	-3.49E+00
6.95E+01	-9.30E+01	1.66E+02	0.00E+00	-3.49E+00
6.95E+01	-9.30E+01	1.66E+02	-1.83E-02	-3.48E+00
6.95E+01	-9.30E+01	1.66E+02	-2.81E-02	-3.49E+00
6.95E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.49E+00
6.96E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.49E+00
6.96E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.48E+00
6.96E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.48E+00
6.96E+01	-9.30E+01	1.66E+02	9.77E-03	-3.48E+00
6.96E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.48E+00
6.97E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.47E+00
6.97E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.48E+00
6.97E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.49E+00
6.97E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.48E+00
6.97E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.47E+00
6.98E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.46E+00
6.98E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.46E+00
6.98E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.47E+00
6.98E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.47E+00
6.98E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.47E+00
6.99E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.47E+00
6.99E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.46E+00
6.99E+01	-9.30E+01	1.66E+02	-6.10E-03	-3.47E+00
6.99E+01	-9.30E+01	1.66E+02	-3.78E-02	-3.47E+00
6.99E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.46E+00
7.00E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.46E+00
7.00E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.46E+00
7.00E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.46E+00
7.00E+01	-9.30E+01	1.66E+02	-2.81E-02	-3.46E+00
7.00E+01	-9.30E+01	1.66E+02	-4.15E-02	-3.45E+00
7.01E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.46E+00
7.01E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.45E+00
7.01E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.45E+00
7.01E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.45E+00
7.01E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.44E+00
7.02E+01	-9.30E+01	1.66E+02	2.44E-03	-3.43E+00

7.02E+01	-9.30E+01	1.67E+02	3.66E-03	-3.44E+00
7.02E+01	-9.30E+01	1.67E+02	-9.77E-03	-3.44E+00
7.02E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.44E+00
7.02E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.43E+00
7.03E+01	-9.30E+01	1.66E+02	2.44E-02	-3.43E+00
7.03E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.45E+00
7.03E+01	-9.30E+01	1.66E+02	9.77E-03	-3.43E+00
7.03E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.42E+00
7.03E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.42E+00
7.04E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.42E+00
7.04E+01	-9.30E+01	1.67E+02	-9.77E-03	-3.41E+00
7.04E+01	-9.30E+01	1.66E+02	7.32E-03	-3.41E+00
7.04E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.41E+00
7.04E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.42E+00
7.05E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.41E+00
7.05E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.40E+00
7.05E+01	-9.30E+01	1.67E+02	-2.32E-02	-3.40E+00
7.05E+01	-9.30E+01	1.67E+02	-9.77E-03	-3.40E+00
7.05E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.40E+00
7.06E+01	-9.30E+01	1.67E+02	-2.08E-02	-3.40E+00
7.06E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.40E+00
7.06E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.39E+00
7.06E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.39E+00
7.06E+01	-9.30E+01	1.67E+02	-2.81E-02	-3.40E+00
7.07E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.40E+00
7.07E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.40E+00
7.07E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.40E+00
7.07E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.39E+00
7.07E+01	-9.30E+01	1.67E+02	2.69E-02	-3.38E+00
7.08E+01	-9.30E+01	1.66E+02	9.77E-03	-3.39E+00
7.08E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.38E+00
7.08E+01	-9.30E+01	1.67E+02	1.22E-03	-3.39E+00
7.08E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.39E+00
7.08E+01	-9.30E+01	1.67E+02	1.95E-02	-3.37E+00
7.09E+01	-9.30E+01	1.67E+02	9.77E-03	-3.38E+00
7.09E+01	-9.30E+01	1.67E+02	-1.22E-03	-3.38E+00
7.09E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.38E+00
7.09E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.36E+00
7.09E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.36E+00
7.10E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.36E+00
7.10E+01	-9.30E+01	1.67E+02	-2.56E-02	-3.37E+00
7.10E+01	-9.30E+01	1.67E+02	-2.08E-02	-3.36E+00
7.10E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.35E+00
7.10E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.36E+00
7.11E+01	-9.30E+01	1.67E+02	-1.83E-02	-3.35E+00
7.11E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.35E+00
7.11E+01	-9.30E+01	1.67E+02	-3.54E-02	-3.35E+00

7.11E+01	-9.30E+01	1.67E+02	-1.46E-02	-3.35E+00
7.11E+01	-9.30E+01	1.67E+02	-2.32E-02	-3.36E+00
7.12E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.35E+00
7.12E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.33E+00
7.12E+01	-9.30E+01	1.67E+02	-3.54E-02	-3.35E+00
7.12E+01	-9.30E+01	1.67E+02	-3.66E-02	-3.35E+00
7.12E+01	-9.30E+01	1.67E+02	-4.39E-02	-3.35E+00
7.13E+01	-9.30E+01	1.67E+02	-1.34E-02	-3.35E+00
7.13E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.34E+00
7.13E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.35E+00
7.13E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.35E+00
7.13E+01	-9.30E+01	1.67E+02	-2.81E-02	-3.34E+00
7.14E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.34E+00
7.14E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.35E+00
7.14E+01	-9.30E+01	1.67E+02	-1.10E-02	-3.34E+00
7.14E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.34E+00
7.14E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.34E+00
7.15E+01	-9.30E+01	1.67E+02	-1.46E-02	-3.33E+00
7.15E+01	-9.30E+01	1.67E+02	-1.59E-02	-3.34E+00
7.15E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.33E+00
7.15E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.33E+00
7.15E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.31E+00
7.16E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.32E+00
7.16E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.31E+00
7.16E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.32E+00
7.16E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.32E+00
7.16E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.32E+00
7.17E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.32E+00
7.17E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.31E+00
7.17E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.31E+00
7.17E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.32E+00
7.17E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.32E+00
7.18E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.30E+00
7.18E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.31E+00
7.18E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.31E+00
7.18E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.31E+00
7.18E+01	-9.30E+01	1.67E+02	-2.56E-02	-3.31E+00
7.19E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.30E+00
7.19E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.30E+00
7.19E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.30E+00
7.19E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.30E+00
7.19E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.29E+00
7.20E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.29E+00
7.20E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.28E+00
7.20E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.30E+00
7.20E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.29E+00
7.20E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.28E+00

7.21E+01	-9.30E+01	1.66E+02	2.69E-02	-3.28E+00
7.21E+01	-9.30E+01	1.66E+02	1.22E-02	-3.27E+00
7.21E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.27E+00
7.21E+01	-9.30E+01	1.67E+02	-1.10E-02	-3.26E+00
7.21E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.27E+00
7.22E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.26E+00
7.22E+01	-9.30E+01	1.66E+02	-3.78E-02	-3.27E+00
7.22E+01	-9.30E+01	1.66E+02	-1.83E-02	-3.26E+00
7.22E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.26E+00
7.22E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.26E+00
7.23E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.26E+00
7.23E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.26E+00
7.23E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.25E+00
7.23E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.26E+00
7.23E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.26E+00
7.24E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.26E+00
7.24E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.25E+00
7.24E+01	-9.30E+01	1.66E+02	9.77E-03	-3.25E+00
7.24E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.25E+00
7.24E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.25E+00
7.25E+01	-9.30E+01	1.66E+02	1.22E-02	-3.24E+00
7.25E+01	-9.30E+01	1.66E+02	4.88E-03	-3.24E+00
7.25E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.24E+00
7.25E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.24E+00
7.25E+01	-9.30E+01	1.66E+02	-6.10E-03	-3.23E+00
7.26E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.24E+00
7.26E+01	-9.30E+01	1.66E+02	4.88E-03	-3.23E+00
7.26E+01	-9.30E+01	1.66E+02	0.00E+00	-3.23E+00
7.26E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.23E+00
7.26E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.23E+00
7.27E+01	-9.30E+01	1.66E+02	0.00E+00	-3.22E+00
7.27E+01	-9.30E+01	1.66E+02	7.32E-03	-3.22E+00
7.27E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.22E+00
7.27E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.22E+00
7.27E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.21E+00
7.28E+01	-9.30E+01	1.66E+02	7.32E-03	-3.21E+00
7.28E+01	-9.30E+01	1.66E+02	6.10E-03	-3.21E+00
7.28E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.22E+00
7.28E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.22E+00
7.28E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.22E+00
7.29E+01	-9.30E+01	1.66E+02	7.32E-03	-3.21E+00
7.29E+01	-9.30E+01	1.66E+02	2.44E-03	-3.20E+00
7.29E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.20E+00
7.29E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.20E+00
7.29E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.19E+00
7.30E+01	-9.30E+01	1.66E+02	7.32E-03	-3.20E+00
7.30E+01	-9.30E+01	1.66E+02	2.44E-03	-3.20E+00

7.30E+01	-9.30E+01	1.66E+02	1.34E-02	-3.20E+00
7.30E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.20E+00
7.30E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.19E+00
7.31E+01	-9.30E+01	1.66E+02	-1.22E-03	-3.18E+00
7.31E+01	-9.30E+01	1.66E+02	7.32E-03	-3.19E+00
7.31E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.19E+00
7.31E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.18E+00
7.31E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.18E+00
7.32E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.18E+00
7.32E+01	-9.30E+01	1.66E+02	3.66E-03	-3.19E+00
7.32E+01	-9.30E+01	1.66E+02	1.22E-03	-3.18E+00
7.32E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.17E+00
7.32E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.17E+00
7.33E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.18E+00
7.33E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.17E+00
7.33E+01	-9.30E+01	1.66E+02	-5.98E-02	-3.18E+00
7.33E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.17E+00
7.33E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.17E+00
7.34E+01	-9.30E+01	1.66E+02	-5.37E-02	-3.16E+00
7.34E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.17E+00
7.34E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.17E+00
7.34E+01	-9.30E+01	1.66E+02	-3.30E-02	-3.16E+00
7.34E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.16E+00
7.35E+01	-9.30E+01	1.65E+02	-2.20E-02	-3.16E+00
7.35E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.16E+00
7.35E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.16E+00
7.35E+01	-9.30E+01	1.66E+02	-1.83E-02	-3.15E+00
7.35E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.16E+00
7.36E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.14E+00
7.36E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.15E+00
7.36E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.15E+00
7.36E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.15E+00
7.36E+01	-9.30E+01	1.66E+02	-3.05E-02	-3.15E+00
7.37E+01	-9.30E+01	1.66E+02	-6.84E-02	-3.15E+00
7.37E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.14E+00
7.37E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.14E+00
7.37E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.14E+00
7.37E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.14E+00
7.38E+01	-9.30E+01	1.66E+02	-5.13E-02	-3.14E+00
7.38E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.13E+00
7.38E+01	-9.30E+01	1.66E+02	-5.62E-02	-3.14E+00
7.38E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.14E+00
7.38E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.14E+00
7.39E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.14E+00
7.39E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.12E+00
7.39E+01	-9.30E+01	1.66E+02	0.00E+00	-3.13E+00
7.39E+01	-9.30E+01	1.66E+02	-1.22E-03	-3.12E+00

7.39E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.11E+00
7.40E+01	-9.30E+01	1.66E+02	2.44E-03	-3.11E+00
7.40E+01	-9.30E+01	1.66E+02	3.66E-03	-3.12E+00
7.40E+01	-9.30E+01	1.66E+02	-3.66E-03	-3.11E+00
7.40E+01	-9.30E+01	1.66E+02	0.00E+00	-3.11E+00
7.40E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.11E+00
7.41E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.10E+00
7.41E+01	-9.30E+01	1.66E+02	2.44E-03	-3.11E+00
7.41E+01	-9.30E+01	1.66E+02	1.22E-02	-3.10E+00
7.41E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.11E+00
7.41E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.11E+00
7.42E+01	-9.30E+01	1.66E+02	-3.66E-03	-3.09E+00
7.42E+01	-9.30E+01	1.66E+02	0.00E+00	-3.09E+00
7.42E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.10E+00
7.42E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.10E+00
7.42E+01	-9.30E+01	1.67E+02	-1.59E-02	-3.10E+00
7.43E+01	-9.30E+01	1.66E+02	8.54E-03	-3.08E+00
7.43E+01	-9.30E+01	1.66E+02	0.00E+00	-3.09E+00
7.43E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.08E+00
7.43E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.08E+00
7.43E+01	-9.30E+01	1.67E+02	-1.10E-02	-3.07E+00
7.44E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.08E+00
7.44E+01	-9.30E+01	1.67E+02	-1.34E-02	-3.10E+00
7.44E+01	-9.30E+01	1.67E+02	-3.66E-02	-3.08E+00
7.44E+01	-9.30E+01	1.67E+02	-3.54E-02	-3.07E+00
7.44E+01	-9.30E+01	1.66E+02	-2.08E-02	-3.06E+00
7.45E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.07E+00
7.45E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.08E+00
7.45E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.07E+00
7.45E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.06E+00
7.45E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.05E+00
7.46E+01	-9.30E+01	1.67E+02	-2.08E-02	-3.06E+00
7.46E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.06E+00
7.46E+01	-9.30E+01	1.67E+02	-3.54E-02	-3.06E+00
7.46E+01	-9.30E+01	1.67E+02	-2.08E-02	-3.06E+00
7.46E+01	-9.30E+01	1.67E+02	0.00E+00	-3.05E+00
7.47E+01	-9.30E+01	1.67E+02	-1.34E-02	-3.05E+00
7.47E+01	-9.30E+01	1.67E+02	-2.08E-02	-3.06E+00
7.47E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.06E+00
7.47E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.05E+00
7.47E+01	-9.30E+01	1.67E+02	-4.64E-02	-3.05E+00
7.48E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.05E+00
7.48E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.04E+00
7.48E+01	-9.30E+01	1.67E+02	-4.64E-02	-3.04E+00
7.48E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.05E+00
7.48E+01	-9.30E+01	1.67E+02	2.44E-03	-3.03E+00
7.49E+01	-9.30E+01	1.67E+02	-1.83E-02	-3.03E+00

7.49E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.03E+00
7.49E+01	-9.30E+01	1.67E+02	-4.15E-02	-3.04E+00
7.49E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.03E+00
7.49E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.04E+00
7.50E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.04E+00
7.50E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.04E+00
7.50E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.04E+00
7.50E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.04E+00
7.50E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.04E+00
7.51E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.03E+00
7.51E+01	-9.30E+01	1.67E+02	-9.77E-03	-3.02E+00
7.51E+01	-9.30E+01	1.67E+02	1.10E-02	-3.03E+00
7.51E+01	-9.30E+01	1.66E+02	0.00E+00	-3.02E+00
7.51E+01	-9.30E+01	1.66E+02	-1.83E-02	-3.02E+00
7.52E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.01E+00
7.52E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.01E+00
7.52E+01	-9.30E+01	1.67E+02	4.88E-03	-3.01E+00
7.52E+01	-9.30E+01	1.66E+02	-3.66E-03	-3.01E+00
7.52E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.00E+00
7.53E+01	-9.30E+01	1.67E+02	-1.10E-02	-3.00E+00
7.53E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.00E+00
7.53E+01	-9.30E+01	1.66E+02	-3.54E-02	-3.00E+00
7.53E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.00E+00
7.53E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.00E+00
7.54E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.01E+00
7.54E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.00E+00
7.54E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.00E+00
7.54E+01	-9.30E+01	1.67E+02	-3.66E-02	-3.00E+00
7.54E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.99E+00
7.55E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.00E+00
7.55E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.00E+00
7.55E+01	-9.30E+01	1.66E+02	-3.30E-02	-2.99E+00
7.55E+01	-9.30E+01	1.66E+02	-2.81E-02	-2.99E+00
7.55E+01	-9.30E+01	1.67E+02	-3.05E-02	-3.00E+00
7.56E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.99E+00
7.56E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.99E+00
7.56E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.98E+00
7.56E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.98E+00
7.56E+01	-9.30E+01	1.67E+02	-3.30E-02	-2.98E+00
7.57E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.99E+00
7.57E+01	-9.30E+01	1.66E+02	-5.13E-02	-2.98E+00
7.57E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.97E+00
7.57E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.97E+00
7.57E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.99E+00
7.58E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.97E+00
7.58E+01	-9.30E+01	1.66E+02	0.00E+00	-2.97E+00
7.58E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.97E+00

7.58E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.96E+00
7.58E+01	-9.30E+01	1.66E+02	-3.66E-03	-2.97E+00
7.59E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.96E+00
7.59E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.96E+00
7.59E+01	-9.30E+01	1.67E+02	-1.34E-02	-2.96E+00
7.59E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.95E+00
7.59E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.96E+00
7.60E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.96E+00
7.60E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.95E+00
7.60E+01	-9.30E+01	1.67E+02	3.66E-03	-2.95E+00
7.60E+01	-9.30E+01	1.67E+02	4.88E-03	-2.95E+00
7.60E+01	-9.30E+01	1.67E+02	1.22E-02	-2.94E+00
7.61E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.93E+00
7.61E+01	-9.30E+01	1.67E+02	9.77E-03	-2.93E+00
7.61E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.93E+00
7.61E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.95E+00
7.61E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.93E+00
7.62E+01	-9.30E+01	1.67E+02	-1.10E-02	-2.92E+00
7.62E+01	-9.30E+01	1.67E+02	-3.66E-03	-2.92E+00
7.62E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.93E+00
7.62E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.92E+00
7.62E+01	-9.30E+01	1.67E+02	-3.42E-02	-2.92E+00
7.63E+01	-9.30E+01	1.67E+02	-2.81E-02	-2.92E+00
7.63E+01	-9.30E+01	1.67E+02	-3.78E-02	-2.93E+00
7.63E+01	-9.30E+01	1.67E+02	-3.42E-02	-2.93E+00
7.63E+01	-9.30E+01	1.67E+02	-5.74E-02	-2.93E+00
7.63E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.92E+00
7.64E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.93E+00
7.64E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.91E+00
7.64E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.91E+00
7.64E+01	-9.30E+01	1.67E+02	-2.81E-02	-2.91E+00
7.64E+01	-9.30E+01	1.67E+02	0.00E+00	-2.92E+00
7.65E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.91E+00
7.65E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.91E+00
7.65E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.91E+00
7.65E+01	-9.30E+01	1.67E+02	4.88E-03	-2.90E+00
7.65E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.90E+00
7.66E+01	-9.30E+01	1.67E+02	1.22E-03	-2.88E+00
7.66E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.89E+00
7.66E+01	-9.30E+01	1.67E+02	0.00E+00	-2.90E+00
7.66E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.89E+00
7.66E+01	-9.30E+01	1.67E+02	1.22E-02	-2.89E+00
7.67E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.89E+00
7.67E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.89E+00
7.67E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.89E+00
7.67E+01	-9.30E+01	1.67E+02	-1.22E-03	-2.89E+00
7.67E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.88E+00

7.68E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.87E+00
7.68E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.87E+00
7.68E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.87E+00
7.68E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.87E+00
7.68E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.88E+00
7.69E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.87E+00
7.69E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.86E+00
7.69E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.87E+00
7.69E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.86E+00
7.69E+01	-9.30E+01	1.67E+02	-2.08E-02	-2.87E+00
7.70E+01	-9.30E+01	1.67E+02	-3.91E-02	-2.86E+00
7.70E+01	-9.30E+01	1.68E+02	-1.59E-02	-2.86E+00
7.70E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.86E+00
7.70E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.86E+00
7.70E+01	-9.30E+01	1.67E+02	-3.91E-02	-2.85E+00
7.71E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.85E+00
7.71E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.85E+00
7.71E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.86E+00
7.71E+01	-9.30E+01	1.67E+02	-2.81E-02	-2.85E+00
7.71E+01	-9.30E+01	1.67E+02	-3.42E-02	-2.86E+00
7.72E+01	-9.30E+01	1.67E+02	-2.08E-02	-2.86E+00
7.72E+01	-9.30E+01	1.67E+02	0.00E+00	-2.86E+00
7.72E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.85E+00
7.72E+01	-9.30E+01	1.67E+02	-3.91E-02	-2.85E+00
7.72E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.84E+00
7.73E+01	-9.30E+01	1.67E+02	0.00E+00	-2.85E+00
7.73E+01	-9.30E+01	1.67E+02	-2.32E-02	-2.85E+00
7.73E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.84E+00
7.73E+01	-9.30E+01	1.67E+02	-3.66E-03	-2.84E+00
7.73E+01	-9.30E+01	1.67E+02	-1.22E-03	-2.84E+00
7.74E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.85E+00
7.74E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.83E+00
7.74E+01	-9.30E+01	1.67E+02	-4.64E-02	-2.84E+00
7.74E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.83E+00
7.74E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.82E+00
7.75E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.83E+00
7.75E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.82E+00
7.75E+01	-9.30E+01	1.67E+02	0.00E+00	-2.81E+00
7.75E+01	-9.30E+01	1.67E+02	9.77E-03	-2.82E+00
7.75E+01	-9.30E+01	1.67E+02	9.77E-03	-2.81E+00
7.76E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.81E+00
7.76E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.80E+00
7.76E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.81E+00
7.76E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.81E+00
7.76E+01	-9.30E+01	1.67E+02	7.32E-03	-2.82E+00
7.77E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.81E+00
7.77E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.79E+00

7.77E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.80E+00
7.77E+01	-9.30E+01	1.67E+02	-3.66E-03	-2.80E+00
7.77E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.79E+00
7.78E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.79E+00
7.78E+01	-9.30E+01	1.67E+02	-1.10E-02	-2.79E+00
7.78E+01	-9.30E+01	1.67E+02	1.22E-03	-2.78E+00
7.78E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.78E+00
7.78E+01	-9.30E+01	1.67E+02	-5.13E-02	-2.79E+00
7.79E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.78E+00
7.79E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.78E+00
7.79E+01	-9.30E+01	1.67E+02	2.44E-03	-2.78E+00
7.79E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.78E+00
7.79E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.78E+00
7.80E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.77E+00
7.80E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.77E+00
7.80E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.78E+00
7.80E+01	-9.30E+01	1.67E+02	-3.30E-02	-2.79E+00
7.80E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.77E+00
7.81E+01	-9.30E+01	1.67E+02	-3.91E-02	-2.77E+00
7.81E+01	-9.30E+01	1.67E+02	-3.54E-02	-2.78E+00
7.81E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.78E+00
7.81E+01	-9.30E+01	1.66E+02	-3.54E-02	-2.77E+00
7.81E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.77E+00
7.82E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.77E+00
7.82E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.78E+00
7.82E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.77E+00
7.82E+01	-9.30E+01	1.67E+02	-3.66E-02	-2.76E+00
7.82E+01	-9.30E+01	1.66E+02	4.88E-03	-2.75E+00
7.83E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.75E+00
7.83E+01	-9.30E+01	1.66E+02	-1.10E-02	-2.75E+00
7.83E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.76E+00
7.83E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.76E+00
7.83E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.75E+00
7.84E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.76E+00
7.84E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.76E+00
7.84E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.75E+00
7.84E+01	-9.30E+01	1.66E+02	-2.81E-02	-2.75E+00
7.84E+01	-9.30E+01	1.66E+02	-2.81E-02	-2.75E+00
7.85E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.74E+00
7.85E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.75E+00
7.85E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.74E+00
7.85E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.74E+00
7.85E+01	-9.30E+01	1.66E+02	4.88E-03	-2.73E+00
7.86E+01	-9.30E+01	1.66E+02	2.44E-03	-2.74E+00
7.86E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.74E+00
7.86E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.73E+00
7.86E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.74E+00

7.86E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.73E+00
7.87E+01	-9.30E+01	1.65E+02	1.22E-03	-2.73E+00
7.87E+01	-9.30E+01	1.66E+02	1.46E-02	-2.72E+00
7.87E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.72E+00
7.87E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.72E+00
7.87E+01	-9.30E+01	1.66E+02	0.00E+00	-2.72E+00
7.88E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.72E+00
7.88E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.72E+00
7.88E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.70E+00
7.88E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.71E+00
7.88E+01	-9.30E+01	1.66E+02	2.44E-03	-2.71E+00
7.89E+01	-9.30E+01	1.66E+02	1.22E-03	-2.71E+00
7.89E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.71E+00
7.89E+01	-9.30E+01	1.66E+02	-8.54E-03	-2.71E+00
7.89E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.71E+00
7.89E+01	-9.30E+01	1.66E+02	-3.66E-03	-2.70E+00
7.90E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.71E+00
7.90E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.70E+00
7.90E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.69E+00
7.90E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.69E+00
7.90E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.69E+00
7.91E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.69E+00
7.91E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.70E+00
7.91E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.70E+00
7.91E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.69E+00
7.91E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.68E+00
7.92E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.68E+00
7.92E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.69E+00
7.92E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.68E+00
7.92E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.68E+00
7.92E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.68E+00
7.93E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.67E+00
7.93E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.68E+00
7.93E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.68E+00
7.93E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.67E+00
7.93E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.67E+00
7.94E+01	-9.30E+01	1.66E+02	-4.03E-02	-2.67E+00
7.94E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.68E+00
7.94E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.67E+00
7.94E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.66E+00
7.94E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.66E+00
7.95E+01	-9.30E+01	1.66E+02	9.77E-03	-2.66E+00
7.95E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.67E+00
7.95E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.66E+00
7.95E+01	-9.30E+01	1.65E+02	-3.17E-02	-2.65E+00
7.95E+01	-9.30E+01	1.66E+02	-3.91E-02	-2.65E+00
7.96E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.65E+00

7.96E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.65E+00
7.96E+01	-9.30E+01	1.65E+02	-3.42E-02	-2.66E+00
7.96E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.65E+00
7.96E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.64E+00
7.97E+01	-9.30E+01	1.66E+02	-1.34E-02	-2.64E+00
7.97E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.64E+00
7.97E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.64E+00
7.97E+01	-9.30E+01	1.65E+02	2.44E-03	-2.64E+00
7.97E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.63E+00
7.98E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.64E+00
7.98E+01	-9.30E+01	1.66E+02	-2.56E-02	-2.64E+00
7.98E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.64E+00
7.98E+01	-9.30E+01	1.65E+02	-3.42E-02	-2.63E+00
7.98E+01	-9.30E+01	1.65E+02	-5.62E-02	-2.63E+00
7.99E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.62E+00
7.99E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.63E+00
7.99E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.62E+00
7.99E+01	-9.30E+01	1.65E+02	-3.42E-02	-2.62E+00
7.99E+01	-9.30E+01	1.65E+02	-4.27E-02	-2.62E+00
8.00E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.62E+00
8.00E+01	-9.30E+01	1.66E+02	-3.54E-02	-2.62E+00
8.00E+01	-9.30E+01	1.65E+02	-3.30E-02	-2.62E+00
8.00E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.62E+00
8.00E+01	-9.30E+01	1.65E+02	-3.05E-02	-2.61E+00
8.01E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.61E+00
8.01E+01	-9.30E+01	1.65E+02	-3.05E-02	-2.60E+00
8.01E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.61E+00
8.01E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.60E+00
8.01E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.61E+00
8.02E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.60E+00
8.02E+01	-9.30E+01	1.65E+02	1.22E-03	-2.61E+00
8.02E+01	-9.30E+01	1.65E+02	-3.05E-02	-2.60E+00
8.02E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.60E+00
8.02E+01	-9.30E+01	1.66E+02	-4.88E-02	-2.60E+00
8.03E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.59E+00
8.03E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.59E+00
8.03E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.59E+00
8.03E+01	-9.30E+01	1.66E+02	-3.91E-02	-2.59E+00
8.03E+01	-9.30E+01	1.66E+02	-4.64E-02	-2.59E+00
8.04E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.57E+00
8.04E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.58E+00
8.04E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.58E+00
8.04E+01	-9.30E+01	1.66E+02	-4.27E-02	-2.56E+00
8.04E+01	-9.30E+01	1.66E+02	-4.03E-02	-2.57E+00
8.05E+01	-9.30E+01	1.66E+02	-2.81E-02	-2.57E+00
8.05E+01	-9.30E+01	1.66E+02	2.44E-03	-2.56E+00
8.05E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.56E+00

8.05E+01	-9.30E+01	1.66E+02	4.88E-03	-2.55E+00
8.05E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.56E+00
8.06E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.56E+00
8.06E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.55E+00
8.06E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.55E+00
8.06E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.56E+00
8.06E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.56E+00
8.07E+01	-9.30E+01	1.66E+02	7.32E-03	-2.54E+00
8.07E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.55E+00
8.07E+01	-9.30E+01	1.66E+02	0.00E+00	-2.55E+00
8.07E+01	-9.30E+01	1.66E+02	4.88E-03	-2.55E+00
8.07E+01	-9.30E+01	1.66E+02	4.88E-03	-2.54E+00
8.08E+01	-9.30E+01	1.66E+02	1.22E-02	-2.54E+00
8.08E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.54E+00
8.08E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.54E+00
8.08E+01	-9.30E+01	1.66E+02	1.34E-02	-2.55E+00
8.08E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.54E+00
8.09E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.53E+00
8.09E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.53E+00
8.09E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.53E+00
8.09E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.53E+00
8.09E+01	-9.30E+01	1.66E+02	0.00E+00	-2.51E+00
8.10E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.53E+00
8.10E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.52E+00
8.10E+01	-9.30E+01	1.66E+02	9.77E-03	-2.52E+00
8.10E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.52E+00
8.10E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.52E+00
8.11E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.53E+00
8.11E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.51E+00
8.11E+01	-9.30E+01	1.66E+02	2.44E-03	-2.51E+00
8.11E+01	-9.30E+01	1.66E+02	2.44E-03	-2.52E+00
8.11E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.50E+00
8.12E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.51E+00
8.12E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.51E+00
8.12E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.50E+00
8.12E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.51E+00
8.12E+01	-9.30E+01	1.66E+02	7.32E-03	-2.51E+00
8.13E+01	-9.30E+01	1.66E+02	0.00E+00	-2.51E+00
8.13E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.51E+00
8.13E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.50E+00
8.13E+01	-9.30E+01	1.66E+02	2.44E-03	-2.49E+00
8.13E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.51E+00
8.14E+01	-9.30E+01	1.66E+02	-1.34E-02	-2.51E+00
8.14E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.51E+00
8.14E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.50E+00
8.14E+01	-9.30E+01	1.66E+02	-8.54E-03	-2.50E+00
8.14E+01	-9.30E+01	1.66E+02	0.00E+00	-2.50E+00

8.15E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.50E+00
8.15E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.50E+00
8.15E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.49E+00
8.15E+01	-9.30E+01	1.66E+02	-4.39E-02	-2.49E+00
8.15E+01	-9.30E+01	1.67E+02	-4.39E-02	-2.48E+00
8.16E+01	-9.30E+01	1.67E+02	-2.08E-02	-2.47E+00
8.16E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.47E+00
8.16E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.47E+00
8.16E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.47E+00
8.16E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.46E+00
8.17E+01	-9.30E+01	1.66E+02	-6.10E-03	-2.46E+00
8.17E+01	-9.30E+01	1.66E+02	2.93E-02	-2.46E+00
8.17E+01	-9.30E+01	1.67E+02	6.10E-03	-2.46E+00
8.17E+01	-9.30E+01	1.67E+02	9.77E-03	-2.47E+00
8.17E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.46E+00
8.18E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.48E+00
8.18E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.46E+00
8.18E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.46E+00
8.18E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.47E+00
8.18E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.47E+00
8.19E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.47E+00
8.19E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.46E+00
8.19E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.46E+00
8.19E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.44E+00
8.19E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.44E+00
8.20E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.44E+00
8.20E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.43E+00
8.20E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.43E+00
8.20E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.44E+00
8.20E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.43E+00
8.21E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.42E+00
8.21E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.43E+00
8.21E+01	-9.30E+01	1.67E+02	-1.22E-03	-2.42E+00
8.21E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.43E+00
8.21E+01	-9.30E+01	1.66E+02	-1.34E-02	-2.42E+00
8.22E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.42E+00
8.22E+01	-9.30E+01	1.66E+02	-3.66E-03	-2.42E+00
8.22E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.43E+00
8.22E+01	-9.30E+01	1.67E+02	-4.39E-02	-2.43E+00
8.22E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.41E+00
8.23E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.41E+00
8.23E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.41E+00
8.23E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.42E+00
8.23E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.41E+00
8.23E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.40E+00
8.24E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.41E+00
8.24E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.41E+00

8.24E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.39E+00
8.24E+01	-9.30E+01	1.66E+02	-3.05E-02	-2.40E+00
8.24E+01	-9.30E+01	1.66E+02	-2.81E-02	-2.40E+00
8.25E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.40E+00
8.25E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.41E+00
8.25E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.40E+00
8.25E+01	-9.30E+01	1.66E+02	-3.91E-02	-2.40E+00
8.25E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.39E+00
8.26E+01	-9.30E+01	1.67E+02	-1.34E-02	-2.40E+00
8.26E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.40E+00
8.26E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.40E+00
8.26E+01	-9.30E+01	1.66E+02	-4.39E-02	-2.39E+00
8.26E+01	-9.30E+01	1.67E+02	-4.15E-02	-2.40E+00
8.27E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.39E+00
8.27E+01	-9.30E+01	1.66E+02	-2.81E-02	-2.39E+00
8.27E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.38E+00
8.27E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.38E+00
8.27E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.36E+00
8.28E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.37E+00
8.28E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.37E+00
8.28E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.37E+00
8.28E+01	-9.30E+01	1.67E+02	-3.54E-02	-2.37E+00
8.28E+01	-9.30E+01	1.66E+02	-4.39E-02	-2.38E+00
8.29E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.37E+00
8.29E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.37E+00
8.29E+01	-9.30E+01	1.67E+02	-3.66E-02	-2.36E+00
8.29E+01	-9.30E+01	1.67E+02	-3.66E-02	-2.37E+00
8.29E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.36E+00
8.30E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.37E+00
8.30E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.36E+00
8.30E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.36E+00
8.30E+01	-9.30E+01	1.67E+02	-3.54E-02	-2.35E+00
8.30E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.35E+00
8.31E+01	-9.30E+01	1.67E+02	-2.32E-02	-2.36E+00
8.31E+01	-9.30E+01	1.66E+02	-4.27E-02	-2.36E+00
8.31E+01	-9.30E+01	1.66E+02	-3.91E-02	-2.36E+00
8.31E+01	-9.30E+01	1.66E+02	-3.05E-02	-2.35E+00
8.31E+01	-9.30E+01	1.66E+02	4.88E-03	-2.36E+00
8.32E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.36E+00
8.32E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.36E+00
8.32E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.35E+00
8.32E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.34E+00
8.32E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.35E+00
8.33E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.33E+00
8.33E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.34E+00
8.33E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.34E+00
8.33E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.34E+00

8.33E+01	-9.30E+01	1.66E+02	-1.10E-02	-2.34E+00
8.34E+01	-9.30E+01	1.66E+02	-2.56E-02	-2.34E+00
8.34E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.34E+00
8.34E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.33E+00
8.34E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.33E+00
8.34E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.33E+00
8.35E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.32E+00
8.35E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.33E+00
8.35E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.32E+00
8.35E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.32E+00
8.35E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.32E+00
8.36E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.33E+00
8.36E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.32E+00
8.36E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.32E+00
8.36E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.31E+00
8.36E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.31E+00
8.37E+01	-9.30E+01	1.66E+02	7.32E-03	-2.31E+00
8.37E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.31E+00
8.37E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.31E+00
8.37E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.30E+00
8.37E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.30E+00
8.38E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.31E+00
8.38E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.31E+00
8.38E+01	-9.30E+01	1.66E+02	-4.03E-02	-2.28E+00
8.38E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.30E+00
8.38E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.30E+00
8.39E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.30E+00
8.39E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.30E+00
8.39E+01	-9.30E+01	1.66E+02	-5.25E-02	-2.30E+00
8.39E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.29E+00
8.39E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.29E+00
8.40E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.29E+00
8.40E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.30E+00
8.40E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.28E+00
8.40E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.28E+00
8.40E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.28E+00
8.41E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.28E+00
8.41E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.27E+00
8.41E+01	-9.30E+01	1.66E+02	-1.34E-02	-2.27E+00
8.41E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.27E+00
8.41E+01	-9.30E+01	1.66E+02	-1.22E-03	-2.26E+00
8.42E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.27E+00
8.42E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.27E+00
8.42E+01	-9.30E+01	1.66E+02	-2.56E-02	-2.25E+00
8.42E+01	-9.30E+01	1.66E+02	-3.05E-02	-2.25E+00
8.42E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.25E+00
8.43E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.25E+00

8.43E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.25E+00
8.43E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.25E+00
8.43E+01	-9.30E+01	1.66E+02	-3.78E-02	-2.25E+00
8.43E+01	-9.30E+01	1.66E+02	-5.37E-02	-2.24E+00
8.44E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.23E+00
8.44E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.25E+00
8.44E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.24E+00
8.44E+01	-9.30E+01	1.66E+02	-3.78E-02	-2.24E+00
8.44E+01	-9.30E+01	1.66E+02	-3.05E-02	-2.23E+00
8.45E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.22E+00
8.45E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.22E+00
8.45E+01	-9.30E+01	1.66E+02	-1.10E-02	-2.23E+00
8.45E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.23E+00
8.45E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.22E+00
8.46E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.22E+00
8.46E+01	-9.30E+01	1.66E+02	-5.37E-02	-2.23E+00
8.46E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.22E+00
8.46E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.22E+00
8.46E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.21E+00
8.47E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.22E+00
8.47E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.21E+00
8.47E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.22E+00
8.47E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.21E+00
8.47E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.20E+00
8.48E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.20E+00
8.48E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.20E+00
8.48E+01	-9.30E+01	1.66E+02	4.88E-03	-2.20E+00
8.48E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.22E+00
8.48E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.20E+00
8.49E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.20E+00
8.49E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.19E+00
8.49E+01	-9.30E+01	1.66E+02	2.44E-03	-2.19E+00
8.49E+01	-9.30E+01	1.66E+02	-3.66E-03	-2.19E+00
8.49E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.20E+00
8.50E+01	-9.30E+01	1.66E+02	2.44E-03	-2.18E+00
8.50E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.19E+00
8.50E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.19E+00
8.50E+01	-9.30E+01	1.66E+02	-1.10E-02	-2.19E+00
8.50E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.18E+00
8.51E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.19E+00
8.51E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.18E+00
8.51E+01	-9.30E+01	1.66E+02	1.10E-02	-2.18E+00
8.51E+01	-9.30E+01	1.66E+02	4.88E-03	-2.18E+00
8.51E+01	-9.30E+01	1.66E+02	8.54E-03	-2.19E+00
8.52E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.18E+00
8.52E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.19E+00
8.52E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.18E+00

8.52E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.18E+00
8.52E+01	-9.30E+01	1.66E+02	9.77E-03	-2.18E+00
8.53E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.18E+00
8.53E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.17E+00
8.53E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.17E+00
8.53E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.17E+00
8.53E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.16E+00
8.54E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.16E+00
8.54E+01	-9.30E+01	1.66E+02	-3.91E-02	-2.16E+00
8.54E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.16E+00
8.54E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.16E+00
8.54E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.15E+00
8.55E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.14E+00
8.55E+01	-9.30E+01	1.66E+02	-3.05E-02	-2.16E+00
8.55E+01	-9.30E+01	1.66E+02	2.44E-03	-2.15E+00
8.55E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.15E+00
8.55E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.14E+00
8.56E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.14E+00
8.56E+01	-9.30E+01	1.66E+02	-8.54E-03	-2.15E+00
8.56E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.14E+00
8.56E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.14E+00
8.56E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.15E+00
8.57E+01	-9.30E+01	1.65E+02	-1.34E-02	-2.14E+00
8.57E+01	-9.30E+01	1.65E+02	-4.88E-03	-2.14E+00
8.57E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.15E+00
8.57E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.15E+00
8.57E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.14E+00
8.58E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.14E+00
8.58E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.13E+00
8.58E+01	-9.30E+01	1.66E+02	-3.91E-02	-2.13E+00
8.58E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.12E+00
8.58E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.12E+00
8.59E+01	-9.30E+01	1.66E+02	-3.05E-02	-2.11E+00
8.59E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.11E+00
8.59E+01	-9.30E+01	1.66E+02	-3.54E-02	-2.11E+00
8.59E+01	-9.30E+01	1.66E+02	-3.91E-02	-2.10E+00
8.59E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.10E+00
8.60E+01	-9.30E+01	1.66E+02	-3.91E-02	-2.12E+00
8.60E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.11E+00
8.60E+01	-9.30E+01	1.66E+02	-3.05E-02	-2.10E+00
8.60E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.10E+00
8.60E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.10E+00
8.61E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.10E+00
8.61E+01	-9.30E+01	1.66E+02	-5.00E-02	-2.10E+00
8.61E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.10E+00
8.61E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.09E+00
8.61E+01	-9.30E+01	1.66E+02	-2.56E-02	-2.09E+00

8.62E+01	-9.30E+01	1.66E+02	-5.62E-02	-2.10E+00
8.62E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.09E+00
8.62E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.09E+00
8.62E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.09E+00
8.62E+01	-9.30E+01	1.66E+02	-8.54E-03	-2.08E+00
8.63E+01	-9.30E+01	1.66E+02	7.32E-03	-2.09E+00
8.63E+01	-9.30E+01	1.66E+02	0.00E+00	-2.09E+00
8.63E+01	-9.30E+01	1.66E+02	1.46E-02	-2.09E+00
8.63E+01	-9.30E+01	1.66E+02	-8.54E-03	-2.09E+00
8.63E+01	-9.30E+01	1.65E+02	-2.32E-02	-2.09E+00
8.64E+01	-9.30E+01	1.65E+02	-3.30E-02	-2.09E+00
8.64E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.08E+00
8.64E+01	-9.30E+01	1.66E+02	-6.10E-03	-2.08E+00
8.64E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.08E+00
8.64E+01	-9.30E+01	1.66E+02	-4.64E-02	-2.07E+00
8.65E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.07E+00
8.65E+01	-9.30E+01	1.66E+02	-2.56E-02	-2.06E+00
8.65E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.06E+00
8.65E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.06E+00
8.65E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.06E+00
8.66E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.07E+00
8.66E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.06E+00
8.66E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.05E+00
8.66E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.05E+00
8.66E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.04E+00
8.67E+01	-9.30E+01	1.66E+02	0.00E+00	-2.05E+00
8.67E+01	-9.30E+01	1.66E+02	0.00E+00	-2.05E+00
8.67E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.05E+00
8.67E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.06E+00
8.67E+01	-9.30E+01	1.65E+02	1.71E-02	-2.04E+00
8.68E+01	-9.30E+01	1.66E+02	2.44E-03	-2.05E+00
8.68E+01	-9.30E+01	1.66E+02	0.00E+00	-2.04E+00
8.68E+01	-9.30E+01	1.65E+02	0.00E+00	-2.05E+00
8.68E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.05E+00
8.68E+01	-9.30E+01	1.65E+02	-2.44E-03	-2.04E+00
8.69E+01	-9.30E+01	1.65E+02	4.88E-03	-2.04E+00
8.69E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.03E+00
8.69E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.04E+00
8.69E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.03E+00
8.69E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.02E+00
8.70E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.04E+00
8.70E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.03E+00
8.70E+01	-9.30E+01	1.65E+02	-2.44E-03	-2.03E+00
8.70E+01	-9.30E+01	1.65E+02	-6.10E-03	-2.02E+00
8.70E+01	-9.30E+01	1.65E+02	-4.88E-03	-2.01E+00
8.71E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.03E+00
8.71E+01	-9.30E+01	1.65E+02	9.77E-03	-2.02E+00

8.71E+01	-9.30E+01	1.65E+02	0.00E+00	-2.02E+00
8.71E+01	-9.30E+01	1.65E+02	-2.08E-02	-2.02E+00
8.71E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.02E+00
8.72E+01	-9.30E+01	1.66E+02	-6.10E-03	-2.02E+00
8.72E+01	-9.30E+01	1.65E+02	7.32E-03	-2.01E+00
8.72E+01	-9.30E+01	1.65E+02	4.88E-03	-2.02E+00
8.72E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.02E+00
8.72E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.01E+00
8.73E+01	-9.30E+01	1.65E+02	-5.49E-02	-2.02E+00
8.73E+01	-9.30E+01	1.66E+02	-3.30E-02	-2.01E+00
8.73E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.00E+00
8.73E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.01E+00
8.73E+01	-9.30E+01	1.66E+02	-3.30E-02	-2.00E+00
8.74E+01	-9.30E+01	1.65E+02	-4.88E-02	-2.00E+00
8.74E+01	-9.30E+01	1.66E+02	-3.30E-02	-1.99E+00
8.74E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.00E+00
8.74E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.00E+00
8.74E+01	-9.30E+01	1.65E+02	-4.15E-02	-2.00E+00
8.75E+01	-9.30E+01	1.65E+02	-3.78E-02	-1.99E+00
8.75E+01	-9.30E+01	1.65E+02	-3.66E-02	-1.99E+00
8.75E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.99E+00
8.75E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.99E+00
8.75E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.99E+00
8.76E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.98E+00
8.76E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.99E+00
8.76E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.98E+00
8.76E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.98E+00
8.76E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.98E+00
8.77E+01	-9.30E+01	1.66E+02	-3.54E-02	-1.98E+00
8.77E+01	-9.30E+01	1.66E+02	-4.39E-02	-1.97E+00
8.77E+01	-9.30E+01	1.66E+02	-2.32E-02	-1.97E+00
8.77E+01	-9.30E+01	1.65E+02	-1.34E-02	-1.98E+00
8.77E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.98E+00
8.78E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.96E+00
8.78E+01	-9.30E+01	1.66E+02	-2.56E-02	-1.96E+00
8.78E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.96E+00
8.78E+01	-9.30E+01	1.66E+02	-3.78E-02	-1.96E+00
8.78E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.95E+00
8.79E+01	-9.30E+01	1.65E+02	-3.91E-02	-1.95E+00
8.79E+01	-9.30E+01	1.66E+02	-6.35E-02	-1.95E+00
8.79E+01	-9.30E+01	1.66E+02	-3.42E-02	-1.95E+00
8.79E+01	-9.30E+01	1.66E+02	-1.83E-02	-1.94E+00
8.79E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.95E+00
8.80E+01	-9.30E+01	1.66E+02	-3.54E-02	-1.94E+00
8.80E+01	-9.30E+01	1.66E+02	-5.49E-02	-1.94E+00
8.80E+01	-9.30E+01	1.66E+02	-3.54E-02	-1.94E+00
8.80E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.94E+00

8.80E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.94E+00
8.81E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.95E+00
8.81E+01	-9.30E+01	1.66E+02	-4.15E-02	-1.93E+00
8.81E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.93E+00
8.81E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.93E+00
8.81E+01	-9.30E+01	1.65E+02	-2.56E-02	-1.94E+00
8.82E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.93E+00
8.82E+01	-9.30E+01	1.66E+02	-3.42E-02	-1.93E+00
8.82E+01	-9.30E+01	1.66E+02	-4.03E-02	-1.91E+00
8.82E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.92E+00
8.82E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.92E+00
8.83E+01	-9.30E+01	1.66E+02	-1.83E-02	-1.92E+00
8.83E+01	-9.30E+01	1.66E+02	-3.91E-02	-1.92E+00
8.83E+01	-9.30E+01	1.66E+02	-6.35E-02	-1.91E+00
8.83E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.91E+00
8.83E+01	-9.30E+01	1.66E+02	-1.59E-02	-1.91E+00
8.84E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.91E+00
8.84E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.91E+00
8.84E+01	-9.30E+01	1.66E+02	-8.54E-03	-1.90E+00
8.84E+01	-9.30E+01	1.66E+02	-7.32E-03	-1.90E+00
8.84E+01	-9.30E+01	1.66E+02	-1.34E-02	-1.90E+00
8.85E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.90E+00
8.85E+01	-9.30E+01	1.65E+02	-3.17E-02	-1.90E+00
8.85E+01	-9.30E+01	1.66E+02	4.88E-03	-1.89E+00
8.85E+01	-9.30E+01	1.66E+02	-1.10E-02	-1.89E+00
8.85E+01	-9.30E+01	1.66E+02	1.71E-02	-1.89E+00
8.86E+01	-9.30E+01	1.65E+02	0.00E+00	-1.89E+00
8.86E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.89E+00
8.86E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.89E+00
8.86E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.89E+00
8.86E+01	-9.30E+01	1.66E+02	0.00E+00	-1.88E+00
8.87E+01	-9.30E+01	1.65E+02	2.44E-03	-1.88E+00
8.87E+01	-9.30E+01	1.65E+02	1.95E-02	-1.88E+00
8.87E+01	-9.30E+01	1.65E+02	-2.44E-03	-1.88E+00
8.87E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.89E+00
8.87E+01	-9.30E+01	1.65E+02	-1.34E-02	-1.88E+00
8.88E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.87E+00
8.88E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.88E+00
8.88E+01	-9.30E+01	1.65E+02	-6.10E-03	-1.88E+00
8.88E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.88E+00
8.88E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.88E+00
8.89E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.88E+00
8.89E+01	-9.30E+01	1.65E+02	4.15E-02	-1.87E+00
8.89E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.88E+00
8.89E+01	-9.30E+01	1.65E+02	-1.10E-02	-1.88E+00
8.89E+01	-9.30E+01	1.65E+02	-3.66E-02	-1.87E+00
8.90E+01	-9.30E+01	1.65E+02	-2.08E-02	-1.88E+00

8.90E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.87E+00
8.90E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.87E+00
8.90E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.86E+00
8.90E+01	-9.30E+01	1.65E+02	-3.17E-02	-1.86E+00
8.91E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.86E+00
8.91E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.86E+00
8.91E+01	-9.30E+01	1.65E+02	-1.34E-02	-1.87E+00
8.91E+01	-9.30E+01	1.65E+02	-3.78E-02	-1.86E+00
8.91E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.85E+00
8.92E+01	-9.30E+01	1.65E+02	-3.30E-02	-1.84E+00
8.92E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.85E+00
8.92E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.85E+00
8.92E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.85E+00
8.92E+01	-9.30E+01	1.65E+02	-3.91E-02	-1.85E+00
8.93E+01	-9.30E+01	1.65E+02	-4.39E-02	-1.84E+00
8.93E+01	-9.30E+01	1.65E+02	-3.17E-02	-1.85E+00
8.93E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.84E+00
8.93E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.84E+00
8.93E+01	-9.30E+01	1.65E+02	-4.15E-02	-1.84E+00
8.94E+01	-9.30E+01	1.65E+02	-3.91E-02	-1.83E+00
8.94E+01	-9.30E+01	1.65E+02	-4.15E-02	-1.82E+00
8.94E+01	-9.30E+01	1.66E+02	-3.42E-02	-1.82E+00
8.94E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.82E+00
8.94E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.82E+00
8.95E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.82E+00
8.95E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.82E+00
8.95E+01	-9.30E+01	1.66E+02	-2.32E-02	-1.81E+00
8.95E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.81E+00
8.95E+01	-9.30E+01	1.65E+02	4.88E-03	-1.81E+00
8.96E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.81E+00
8.96E+01	-9.30E+01	1.66E+02	-3.91E-02	-1.81E+00
8.96E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.80E+00
8.96E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.81E+00
8.96E+01	-9.30E+01	1.66E+02	-4.15E-02	-1.80E+00
8.97E+01	-9.30E+01	1.66E+02	-3.54E-02	-1.80E+00
8.97E+01	-9.30E+01	1.66E+02	-3.66E-02	-1.79E+00
8.97E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.79E+00
8.97E+01	-9.30E+01	1.65E+02	-4.88E-02	-1.80E+00
8.97E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.79E+00
8.98E+01	-9.30E+01	1.66E+02	-2.56E-02	-1.79E+00
8.98E+01	-9.30E+01	1.66E+02	-3.54E-02	-1.79E+00
8.98E+01	-9.30E+01	1.66E+02	-2.32E-02	-1.79E+00
8.98E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.79E+00
8.98E+01	-9.30E+01	1.66E+02	-2.32E-02	-1.78E+00
8.99E+01	-9.30E+01	1.65E+02	-3.54E-02	-1.78E+00
8.99E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.78E+00
8.99E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.77E+00

8.99E+01	-9.30E+01	1.66E+02	2.08E-02	-1.77E+00
8.99E+01	-9.30E+01	1.66E+02	-2.44E-03	-1.77E+00
9.00E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.78E+00
9.00E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.77E+00
9.00E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.76E+00
9.00E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.76E+00
9.00E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.77E+00
9.01E+01	-9.30E+01	1.65E+02	-2.56E-02	-1.76E+00
9.01E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.77E+00
9.01E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.76E+00
9.01E+01	-9.30E+01	1.65E+02	-3.66E-03	-1.76E+00
9.01E+01	-9.30E+01	1.65E+02	8.54E-03	-1.76E+00
9.02E+01	-9.30E+01	1.65E+02	1.95E-02	-1.76E+00
9.02E+01	-9.30E+01	1.65E+02	2.44E-03	-1.77E+00
9.02E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.76E+00
9.02E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.75E+00
9.02E+01	-9.30E+01	1.65E+02	1.46E-02	-1.76E+00
9.03E+01	-9.30E+01	1.65E+02	1.10E-02	-1.75E+00
9.03E+01	-9.30E+01	1.65E+02	-3.66E-03	-1.76E+00
9.03E+01	-9.30E+01	1.65E+02	-1.10E-02	-1.75E+00
9.03E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.74E+00
9.03E+01	-9.30E+01	1.65E+02	0.00E+00	-1.74E+00
9.04E+01	-9.30E+01	1.65E+02	-2.81E-02	-1.75E+00
9.04E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.75E+00
9.04E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.75E+00
9.04E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.74E+00
9.04E+01	-9.30E+01	1.65E+02	-4.27E-02	-1.74E+00
9.05E+01	-9.30E+01	1.65E+02	9.77E-03	-1.74E+00
9.05E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.73E+00
9.05E+01	-9.30E+01	1.66E+02	-6.10E-03	-1.72E+00
9.05E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.70E+00
9.05E+01	-9.30E+01	1.65E+02	1.22E-02	-1.72E+00
9.06E+01	-9.30E+01	1.66E+02	-2.44E-03	-1.72E+00
9.06E+01	-9.30E+01	1.66E+02	3.66E-03	-1.72E+00
9.06E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.72E+00
9.06E+01	-9.30E+01	1.65E+02	7.32E-03	-1.70E+00
9.06E+01	-9.30E+01	1.66E+02	-7.32E-03	-1.72E+00
9.07E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.72E+00
9.07E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.71E+00
9.07E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.70E+00
9.07E+01	-9.30E+01	1.66E+02	7.32E-03	-1.70E+00
9.07E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.71E+00
9.08E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.72E+00
9.08E+01	-9.30E+01	1.65E+02	7.32E-03	-1.71E+00
9.08E+01	-9.30E+01	1.66E+02	-1.10E-02	-1.71E+00
9.08E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.70E+00
9.08E+01	-9.30E+01	1.66E+02	0.00E+00	-1.70E+00

9.09E+01	-9.30E+01	1.65E+02	1.22E-02	-1.70E+00
9.09E+01	-9.30E+01	1.65E+02	1.46E-02	-1.70E+00
9.09E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.70E+00
9.09E+01	-9.30E+01	1.66E+02	-1.22E-02	-1.69E+00
9.09E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.69E+00
9.10E+01	-9.30E+01	1.65E+02	-3.54E-02	-1.70E+00
9.10E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.70E+00
9.10E+01	-9.30E+01	1.65E+02	-1.34E-02	-1.70E+00
9.10E+01	-9.30E+01	1.65E+02	-6.10E-03	-1.69E+00
9.10E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.70E+00
9.11E+01	-9.30E+01	1.65E+02	0.00E+00	-1.69E+00
9.11E+01	-9.30E+01	1.65E+02	3.66E-03	-1.70E+00
9.11E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.69E+00
9.11E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.68E+00
9.11E+01	-9.30E+01	1.65E+02	8.54E-03	-1.68E+00
9.12E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.68E+00
9.12E+01	-9.30E+01	1.65E+02	0.00E+00	-1.69E+00
9.12E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.69E+00
9.12E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.68E+00
9.12E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.68E+00
9.13E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.67E+00
9.13E+01	-9.30E+01	1.65E+02	1.22E-02	-1.66E+00
9.13E+01	-9.30E+01	1.65E+02	-2.08E-02	-1.68E+00
9.13E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.67E+00
9.13E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.67E+00
9.14E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.67E+00
9.14E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.67E+00
9.14E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.67E+00
9.14E+01	-9.30E+01	1.65E+02	4.88E-03	-1.66E+00
9.14E+01	-9.30E+01	1.65E+02	2.44E-03	-1.66E+00
9.15E+01	-9.30E+01	1.65E+02	4.88E-03	-1.65E+00
9.15E+01	-9.30E+01	1.65E+02	1.22E-02	-1.65E+00
9.15E+01	-9.30E+01	1.65E+02	-1.34E-02	-1.65E+00
9.15E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.65E+00
9.15E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.65E+00
9.16E+01	-9.30E+01	1.65E+02	0.00E+00	-1.64E+00
9.16E+01	-9.30E+01	1.65E+02	-2.44E-03	-1.65E+00
9.16E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.65E+00
9.16E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.65E+00
9.16E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.64E+00
9.17E+01	-9.30E+01	1.65E+02	3.17E-02	-1.64E+00
9.17E+01	-9.30E+01	1.65E+02	-2.44E-03	-1.64E+00
9.17E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.65E+00
9.17E+01	-9.30E+01	1.65E+02	-2.32E-02	-1.63E+00
9.17E+01	-9.30E+01	1.64E+02	-8.54E-03	-1.62E+00
9.18E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.63E+00
9.18E+01	-9.30E+01	1.65E+02	2.44E-03	-1.63E+00

9.18E+01	-9.30E+01	1.65E+02	4.88E-03	-1.63E+00
9.18E+01	-9.30E+01	1.64E+02	-8.54E-03	-1.63E+00
9.18E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.63E+00
9.19E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.62E+00
9.19E+01	-9.30E+01	1.65E+02	4.88E-03	-1.63E+00
9.19E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.62E+00
9.19E+01	-9.30E+01	1.64E+02	-2.81E-02	-1.61E+00
9.19E+01	-9.30E+01	1.65E+02	-2.44E-03	-1.61E+00
9.20E+01	-9.30E+01	1.65E+02	9.77E-03	-1.61E+00
9.20E+01	-9.30E+01	1.64E+02	2.44E-03	-1.61E+00
9.20E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.60E+00
9.20E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.60E+00
9.20E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.60E+00
9.21E+01	-9.30E+01	1.64E+02	1.22E-02	-1.60E+00
9.21E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.59E+00
9.21E+01	-9.30E+01	1.64E+02	1.34E-02	-1.59E+00
9.21E+01	-9.30E+01	1.65E+02	-6.10E-03	-1.59E+00
9.21E+01	-9.30E+01	1.64E+02	0.00E+00	-1.59E+00
9.22E+01	-9.30E+01	1.64E+02	7.32E-03	-1.59E+00
9.22E+01	-9.30E+01	1.65E+02	4.88E-03	-1.58E+00
9.22E+01	-9.30E+01	1.64E+02	2.44E-03	-1.58E+00
9.22E+01	-9.30E+01	1.64E+02	0.00E+00	-1.57E+00
9.22E+01	-9.30E+01	1.65E+02	1.46E-02	-1.58E+00
9.23E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.57E+00
9.23E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.58E+00
9.23E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.58E+00
9.23E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.57E+00
9.23E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.57E+00
9.24E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.57E+00
9.24E+01	-9.30E+01	1.64E+02	-3.30E-02	-1.57E+00
9.24E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.58E+00
9.24E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.56E+00
9.24E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.56E+00
9.25E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.57E+00
9.25E+01	-9.30E+01	1.64E+02	-3.05E-02	-1.56E+00
9.25E+01	-9.30E+01	1.64E+02	-1.59E-02	-1.55E+00
9.25E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.56E+00
9.25E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.56E+00
9.26E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.56E+00
9.26E+01	-9.30E+01	1.64E+02	-5.00E-02	-1.55E+00
9.26E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.55E+00
9.26E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.55E+00
9.26E+01	-9.30E+01	1.64E+02	-2.08E-02	-1.55E+00
9.27E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.54E+00
9.27E+01	-9.30E+01	1.64E+02	-3.54E-02	-1.55E+00
9.27E+01	-9.30E+01	1.63E+02	-2.56E-02	-1.54E+00
9.27E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.55E+00

9.27E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.56E+00
9.28E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.54E+00
9.28E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.55E+00
9.28E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.55E+00
9.28E+01	-9.30E+01	1.64E+02	-2.81E-02	-1.54E+00
9.28E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.54E+00
9.29E+01	-9.30E+01	1.64E+02	-3.30E-02	-1.54E+00
9.29E+01	-9.30E+01	1.64E+02	-2.81E-02	-1.55E+00
9.29E+01	-9.30E+01	1.64E+02	-1.59E-02	-1.54E+00
9.29E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.54E+00
9.29E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.53E+00
9.30E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.53E+00
9.30E+01	-9.30E+01	1.64E+02	2.69E-02	-1.53E+00
9.30E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.53E+00
9.30E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.54E+00
9.30E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.52E+00
9.31E+01	-9.30E+01	1.64E+02	-8.54E-03	-1.52E+00
9.31E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.52E+00
9.31E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.52E+00
9.31E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.51E+00
9.31E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.51E+00
9.32E+01	-9.30E+01	1.64E+02	4.88E-03	-1.51E+00
9.32E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.50E+00
9.32E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.51E+00
9.32E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.49E+00
9.32E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.49E+00
9.33E+01	-9.30E+01	1.64E+02	1.95E-02	-1.49E+00
9.33E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.49E+00
9.33E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.49E+00
9.33E+01	-9.30E+01	1.64E+02	1.22E-02	-1.49E+00
9.33E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.49E+00
9.34E+01	-9.30E+01	1.64E+02	7.32E-03	-1.49E+00
9.34E+01	-9.30E+01	1.64E+02	2.44E-03	-1.49E+00
9.34E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.49E+00
9.34E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.48E+00
9.34E+01	-9.30E+01	1.64E+02	0.00E+00	-1.48E+00
9.35E+01	-9.30E+01	1.64E+02	2.69E-02	-1.48E+00
9.35E+01	-9.30E+01	1.64E+02	3.66E-03	-1.48E+00
9.35E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.48E+00
9.35E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.47E+00
9.35E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.47E+00
9.36E+01	-9.30E+01	1.64E+02	2.44E-03	-1.48E+00
9.36E+01	-9.30E+01	1.64E+02	1.46E-02	-1.48E+00
9.36E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.47E+00
9.36E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.47E+00
9.36E+01	-9.30E+01	1.64E+02	0.00E+00	-1.47E+00
9.37E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.47E+00

9.37E+01	-9.30E+01	1.64E+02	7.32E-03	-1.47E+00
9.37E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.47E+00
9.37E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.46E+00
9.37E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.46E+00
9.38E+01	-9.30E+01	1.64E+02	-1.34E-02	-1.46E+00
9.38E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.46E+00
9.38E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.46E+00
9.38E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.46E+00
9.38E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.46E+00
9.39E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.44E+00
9.39E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.45E+00
9.39E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.45E+00
9.39E+01	-9.30E+01	1.64E+02	-5.25E-02	-1.45E+00
9.39E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.44E+00
9.40E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.44E+00
9.40E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.43E+00
9.40E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.44E+00
9.40E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.43E+00
9.40E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.43E+00
9.41E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.43E+00
9.41E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.42E+00
9.41E+01	-9.30E+01	1.64E+02	-3.91E-02	-1.42E+00
9.41E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.42E+00
9.41E+01	-9.30E+01	1.64E+02	-8.54E-03	-1.43E+00
9.42E+01	-9.30E+01	1.64E+02	1.22E-02	-1.42E+00
9.42E+01	-9.30E+01	1.64E+02	0.00E+00	-1.42E+00
9.42E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.42E+00
9.42E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.41E+00
9.42E+01	-9.30E+01	1.64E+02	6.10E-03	-1.42E+00
9.43E+01	-9.30E+01	1.64E+02	3.66E-03	-1.42E+00
9.43E+01	-9.30E+01	1.64E+02	7.32E-03	-1.40E+00
9.43E+01	-9.30E+01	1.64E+02	1.46E-02	-1.41E+00
9.43E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.40E+00
9.43E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.41E+00
9.44E+01	-9.30E+01	1.64E+02	4.88E-03	-1.41E+00
9.44E+01	-9.30E+01	1.63E+02	3.17E-02	-1.41E+00
9.44E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.41E+00
9.44E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.42E+00
9.44E+01	-9.30E+01	1.64E+02	1.22E-03	-1.41E+00
9.45E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.41E+00
9.45E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.40E+00
9.45E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.41E+00
9.45E+01	-9.30E+01	1.63E+02	-5.13E-02	-1.42E+00
9.45E+01	-9.30E+01	1.64E+02	-3.54E-02	-1.40E+00
9.46E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.39E+00
9.46E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.39E+00
9.46E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.39E+00

9.46E+01	-9.30E+01	1.63E+02	-3.54E-02	-1.39E+00
9.46E+01	-9.30E+01	1.64E+02	-2.81E-02	-1.38E+00
9.47E+01	-9.30E+01	1.64E+02	-3.91E-02	-1.38E+00
9.47E+01	-9.30E+01	1.64E+02	-3.54E-02	-1.38E+00
9.47E+01	-9.30E+01	1.63E+02	-3.17E-02	-1.37E+00
9.47E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.38E+00
9.47E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.38E+00
9.48E+01	-9.30E+01	1.64E+02	-4.88E-02	-1.37E+00
9.48E+01	-9.30E+01	1.63E+02	-3.17E-02	-1.37E+00
9.48E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.37E+00
9.48E+01	-9.30E+01	1.63E+02	-3.78E-02	-1.38E+00
9.48E+01	-9.30E+01	1.63E+02	-2.93E-02	-1.38E+00
9.49E+01	-9.30E+01	1.63E+02	-3.66E-02	-1.36E+00
9.49E+01	-9.30E+01	1.63E+02	-3.17E-02	-1.37E+00
9.49E+01	-9.30E+01	1.64E+02	3.66E-03	-1.36E+00
9.49E+01	-9.30E+01	1.64E+02	-2.32E-02	-1.37E+00
9.49E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.36E+00
9.50E+01	-9.30E+01	1.63E+02	-3.91E-02	-1.35E+00
9.50E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.36E+00
9.50E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.35E+00
9.50E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.34E+00
9.50E+01	-9.30E+01	1.63E+02	0.00E+00	-1.35E+00
9.51E+01	-9.30E+01	1.63E+02	-2.93E-02	-1.34E+00
9.51E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.34E+00
9.51E+01	-9.30E+01	1.64E+02	-3.54E-02	-1.34E+00
9.51E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.34E+00
9.51E+01	-9.30E+01	1.63E+02	-1.59E-02	-1.34E+00
9.52E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.34E+00
9.52E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.33E+00
9.52E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.34E+00
9.52E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.33E+00
9.52E+01	-9.30E+01	1.63E+02	0.00E+00	-1.33E+00
9.53E+01	-9.30E+01	1.63E+02	-6.10E-03	-1.33E+00
9.53E+01	-9.30E+01	1.63E+02	-8.54E-03	-1.33E+00
9.53E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.32E+00
9.53E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.32E+00
9.53E+01	-9.30E+01	1.63E+02	0.00E+00	-1.32E+00
9.54E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.33E+00
9.54E+01	-9.30E+01	1.63E+02	0.00E+00	-1.33E+00
9.54E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.33E+00
9.54E+01	-9.30E+01	1.64E+02	0.00E+00	-1.31E+00
9.54E+01	-9.30E+01	1.64E+02	3.66E-03	-1.31E+00
9.55E+01	-9.30E+01	1.64E+02	1.59E-02	-1.31E+00
9.55E+01	-9.30E+01	1.63E+02	-8.54E-03	-1.32E+00
9.55E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.31E+00
9.55E+01	-9.30E+01	1.63E+02	-3.66E-03	-1.31E+00
9.55E+01	-9.30E+01	1.63E+02	-2.32E-02	-1.32E+00

9.56E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.31E+00
9.56E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.30E+00
9.56E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.30E+00
9.56E+01	-9.30E+01	1.63E+02	-6.10E-03	-1.29E+00
9.56E+01	-9.30E+01	1.63E+02	2.44E-03	-1.29E+00
9.57E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.29E+00
9.57E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.29E+00
9.57E+01	-9.30E+01	1.63E+02	-4.88E-03	-1.28E+00
9.57E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.30E+00
9.57E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.29E+00
9.58E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.29E+00
9.58E+01	-9.30E+01	1.63E+02	-8.54E-03	-1.28E+00
9.58E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.28E+00
9.58E+01	-9.30E+01	1.63E+02	-8.54E-03	-1.28E+00
9.58E+01	-9.30E+01	1.63E+02	-1.10E-02	-1.28E+00
9.59E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.27E+00
9.59E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.28E+00
9.59E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.27E+00
9.59E+01	-9.30E+01	1.63E+02	-8.54E-03	-1.28E+00
9.59E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.27E+00
9.60E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.27E+00
9.60E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.27E+00
9.60E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.27E+00
9.60E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.27E+00
9.60E+01	-9.30E+01	1.63E+02	-2.08E-02	-1.26E+00
9.61E+01	-9.30E+01	1.63E+02	-3.66E-03	-1.26E+00
9.61E+01	-9.30E+01	1.63E+02	-2.93E-02	-1.27E+00
9.61E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.26E+00
9.61E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.26E+00
9.61E+01	-9.30E+01	1.63E+02	-2.32E-02	-1.26E+00
9.62E+01	-9.30E+01	1.63E+02	-3.05E-02	-1.25E+00
9.62E+01	-9.30E+01	1.63E+02	-2.93E-02	-1.25E+00
9.62E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.25E+00
9.62E+01	-9.30E+01	1.63E+02	-1.83E-02	-1.23E+00
9.62E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.24E+00
9.63E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.24E+00
9.63E+01	-9.30E+01	1.63E+02	-5.98E-02	-1.24E+00
9.63E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.24E+00
9.63E+01	-9.30E+01	1.63E+02	-2.32E-02	-1.24E+00
9.63E+01	-9.30E+01	1.63E+02	-3.17E-02	-1.24E+00
9.64E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.24E+00
9.64E+01	-9.30E+01	1.63E+02	-3.78E-02	-1.23E+00
9.64E+01	-9.30E+01	1.63E+02	-3.05E-02	-1.24E+00
9.64E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.23E+00
9.64E+01	-9.30E+01	1.63E+02	-2.81E-02	-1.24E+00
9.65E+01	-9.30E+01	1.63E+02	-3.91E-02	-1.23E+00
9.65E+01	-9.30E+01	1.63E+02	-4.39E-02	-1.23E+00

9.65E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.25E+00
9.65E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.23E+00
9.65E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.22E+00
9.66E+01	-9.30E+01	1.63E+02	-5.98E-02	-1.23E+00
9.66E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.22E+00
9.66E+01	-9.30E+01	1.63E+02	-3.91E-02	-1.23E+00
9.66E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.23E+00
9.66E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.22E+00
9.67E+01	-9.30E+01	1.63E+02	-4.03E-02	-1.22E+00
9.67E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.21E+00
9.67E+01	-9.30E+01	1.63E+02	2.44E-03	-1.22E+00
9.67E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.22E+00
9.67E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.20E+00
9.68E+01	-9.30E+01	1.62E+02	-2.56E-02	-1.21E+00
9.68E+01	-9.30E+01	1.63E+02	-2.93E-02	-1.21E+00
9.68E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.21E+00
9.68E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.22E+00
9.68E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.21E+00
9.69E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.20E+00
9.69E+01	-9.30E+01	1.63E+02	9.77E-03	-1.21E+00
9.69E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.20E+00
9.69E+01	-9.30E+01	1.62E+02	-1.10E-02	-1.19E+00
9.69E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.19E+00
9.70E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.19E+00
9.70E+01	-9.30E+01	1.63E+02	-4.88E-03	-1.19E+00
9.70E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.19E+00
9.70E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.18E+00
9.70E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.19E+00
9.71E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.19E+00
9.71E+01	-9.30E+01	1.62E+02	2.56E-02	-1.18E+00
9.71E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.19E+00
9.71E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.17E+00
9.71E+01	-9.30E+01	1.62E+02	1.10E-02	-1.17E+00
9.72E+01	-9.30E+01	1.63E+02	1.22E-03	-1.18E+00
9.72E+01	-9.30E+01	1.62E+02	0.00E+00	-1.18E+00
9.72E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.18E+00
9.72E+01	-9.30E+01	1.62E+02	-3.42E-02	-1.17E+00
9.72E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.16E+00
9.73E+01	-9.30E+01	1.62E+02	1.22E-03	-1.17E+00
9.73E+01	-9.30E+01	1.62E+02	0.00E+00	-1.17E+00
9.73E+01	-9.30E+01	1.62E+02	-3.05E-02	-1.18E+00
9.73E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.16E+00
9.73E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.16E+00
9.74E+01	-9.30E+01	1.62E+02	-3.66E-03	-1.16E+00
9.74E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.15E+00
9.74E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.16E+00
9.74E+01	-9.30E+01	1.62E+02	-2.32E-02	-1.16E+00

9.74E+01	-9.30E+01	1.62E+02	-4.39E-02	-1.15E+00
9.75E+01	-9.30E+01	1.62E+02	-1.22E-03	-1.15E+00
9.75E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.16E+00
9.75E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.15E+00
9.75E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.15E+00
9.75E+01	-9.30E+01	1.62E+02	-3.91E-02	-1.13E+00
9.76E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.15E+00
9.76E+01	-9.30E+01	1.62E+02	-1.22E-03	-1.14E+00
9.76E+01	-9.30E+01	1.62E+02	2.44E-03	-1.14E+00
9.76E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.14E+00
9.76E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.13E+00
9.77E+01	-9.30E+01	1.62E+02	7.32E-03	-1.14E+00
9.77E+01	-9.30E+01	1.62E+02	-2.08E-02	-1.14E+00
9.77E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.13E+00
9.77E+01	-9.30E+01	1.62E+02	4.88E-03	-1.12E+00
9.77E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.12E+00
9.78E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.12E+00
9.78E+01	-9.30E+01	1.62E+02	6.10E-03	-1.12E+00
9.78E+01	-9.30E+01	1.62E+02	-6.10E-03	-1.12E+00
9.78E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.12E+00
9.78E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.11E+00
9.79E+01	-9.30E+01	1.62E+02	-8.54E-03	-1.12E+00
9.79E+01	-9.30E+01	1.62E+02	2.44E-03	-1.11E+00
9.79E+01	-9.30E+01	1.62E+02	-4.76E-02	-1.12E+00
9.79E+01	-9.30E+01	1.62E+02	0.00E+00	-1.11E+00
9.79E+01	-9.30E+01	1.62E+02	4.88E-03	-1.10E+00
9.80E+01	-9.30E+01	1.62E+02	9.77E-03	-1.11E+00
9.80E+01	-9.30E+01	1.62E+02	-1.22E-03	-1.09E+00
9.80E+01	-9.30E+01	1.62E+02	-6.10E-03	-1.11E+00
9.80E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.09E+00
9.80E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.09E+00
9.81E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.09E+00
9.81E+01	-9.30E+01	1.62E+02	-1.10E-02	-1.11E+00
9.81E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.09E+00
9.81E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.09E+00
9.81E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.08E+00
9.82E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.09E+00
9.82E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.09E+00
9.82E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.08E+00
9.82E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.08E+00
9.82E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.08E+00
9.83E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.08E+00
9.83E+01	-9.30E+01	1.62E+02	-3.05E-02	-1.07E+00
9.83E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.08E+00
9.83E+01	-9.30E+01	1.62E+02	-1.10E-02	-1.07E+00
9.83E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.07E+00
9.84E+01	-9.30E+01	1.61E+02	-4.88E-02	-1.06E+00

9.84E+01	-9.30E+01	1.62E+02	-8.54E-03	-1.07E+00
9.84E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.07E+00
9.84E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.06E+00
9.84E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.06E+00
9.85E+01	-9.30E+01	1.62E+02	-1.59E-02	-1.06E+00
9.85E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.06E+00
9.85E+01	-9.30E+01	1.62E+02	-4.15E-02	-1.05E+00
9.85E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.06E+00
9.85E+01	-9.30E+01	1.61E+02	-3.05E-02	-1.06E+00
9.86E+01	-9.30E+01	1.62E+02	-2.81E-02	-1.05E+00
9.86E+01	-9.30E+01	1.62E+02	-3.66E-02	-1.05E+00
9.86E+01	-9.30E+01	1.62E+02	-4.15E-02	-1.05E+00
9.86E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.05E+00
9.86E+01	-9.30E+01	1.62E+02	-3.05E-02	-1.05E+00
9.87E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.05E+00
9.87E+01	-9.30E+01	1.62E+02	-3.66E-02	-1.03E+00
9.87E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.04E+00
9.87E+01	-9.30E+01	1.62E+02	-2.32E-02	-1.04E+00
9.87E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.03E+00
9.88E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.03E+00
9.88E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.03E+00
9.88E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.03E+00
9.88E+01	-9.30E+01	1.62E+02	-3.42E-02	-1.04E+00
9.88E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.03E+00
9.89E+01	-9.30E+01	1.61E+02	-3.91E-02	-1.03E+00
9.89E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.02E+00
9.89E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.03E+00
9.89E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.03E+00
9.89E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.03E+00
9.90E+01	-9.30E+01	1.61E+02	-4.64E-02	-1.03E+00
9.90E+01	-9.30E+01	1.62E+02	-3.30E-02	-1.02E+00
9.90E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.01E+00
9.90E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.01E+00
9.90E+01	-9.30E+01	1.61E+02	-2.32E-02	-1.03E+00
9.91E+01	-9.30E+01	1.61E+02	-4.27E-02	-1.01E+00
9.91E+01	-9.30E+01	1.62E+02	-3.66E-02	-1.01E+00
9.91E+01	-9.30E+01	1.61E+02	0.00E+00	-1.00E+00
9.91E+01	-9.30E+01	1.61E+02	-1.10E-02	-9.99E-01
9.91E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.01E+00
9.92E+01	-9.30E+01	1.61E+02	4.88E-03	-9.99E-01
9.92E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.01E+00
9.92E+01	-9.30E+01	1.61E+02	-2.69E-02	-9.94E-01
9.92E+01	-9.30E+01	1.61E+02	-2.44E-02	-9.89E-01
9.92E+01	-9.30E+01	1.61E+02	-2.20E-02	-9.92E-01
9.93E+01	-9.30E+01	1.61E+02	-3.17E-02	-9.94E-01
9.93E+01	-9.30E+01	1.61E+02	-4.27E-02	-9.98E-01
9.93E+01	-9.30E+01	1.61E+02	-2.20E-02	-9.84E-01

9.93E+01	-9.30E+01	1.61E+02	-1.46E-02	-9.88E-01
9.93E+01	-9.30E+01	1.61E+02	1.95E-02	-9.82E-01
9.94E+01	-9.30E+01	1.61E+02	-7.32E-03	-9.82E-01
9.94E+01	-9.30E+01	1.61E+02	-1.83E-02	-9.81E-01
9.94E+01	-9.30E+01	1.61E+02	-9.77E-03	-9.75E-01
9.94E+01	-9.30E+01	1.61E+02	0.00E+00	-9.63E-01
9.94E+01	-9.30E+01	1.61E+02	-4.88E-03	-9.75E-01
9.95E+01	-9.30E+01	1.61E+02	0.00E+00	-9.79E-01
9.95E+01	-9.30E+01	1.61E+02	-4.88E-02	-9.84E-01
9.95E+01	-9.30E+01	1.61E+02	-9.77E-03	-9.72E-01
9.95E+01	-9.30E+01	1.61E+02	-4.88E-03	-9.60E-01
9.95E+01	-9.30E+01	1.61E+02	-1.83E-02	-9.66E-01
9.96E+01	-9.30E+01	1.61E+02	-9.77E-03	-9.80E-01
9.96E+01	-9.30E+01	1.62E+02	-2.44E-02	-9.64E-01
9.96E+01	-9.30E+01	1.61E+02	-2.44E-02	-9.64E-01
9.96E+01	-9.30E+01	1.61E+02	-2.93E-02	-9.57E-01
9.96E+01	-9.30E+01	1.61E+02	-3.66E-03	-9.50E-01
9.97E+01	-9.30E+01	1.62E+02	0.00E+00	-9.55E-01
9.97E+01	-9.30E+01	1.61E+02	2.44E-03	-9.54E-01
9.97E+01	-9.30E+01	1.61E+02	1.46E-02	-9.54E-01
9.97E+01	-9.30E+01	1.61E+02	-1.46E-02	-9.49E-01
9.97E+01	-9.30E+01	1.61E+02	-2.44E-03	-9.51E-01
9.98E+01	-9.30E+01	1.62E+02	-1.22E-03	-9.50E-01
9.98E+01	-9.30E+01	1.61E+02	-1.10E-02	-9.55E-01
9.98E+01	-9.30E+01	1.61E+02	-6.10E-03	-9.39E-01
9.98E+01	-9.30E+01	1.62E+02	-1.10E-02	-9.42E-01
9.98E+01	-9.30E+01	1.62E+02	-2.69E-02	-9.38E-01
9.99E+01	-9.30E+01	1.61E+02	-1.22E-02	-9.41E-01
9.99E+01	-9.30E+01	1.61E+02	-1.22E-02	-9.33E-01
9.99E+01	-9.30E+01	1.61E+02	-1.46E-02	-9.34E-01
9.99E+01	-9.30E+01	1.62E+02	-9.77E-03	-9.28E-01
9.99E+01	-9.30E+01	1.61E+02	1.46E-02	-9.39E-01
1.00E+02	-9.30E+01	1.61E+02	7.32E-03	-9.34E-01
1.00E+02	-9.30E+01	1.61E+02	-7.32E-03	-9.41E-01
1.00E+02	-9.30E+01	1.61E+02	7.32E-03	-9.37E-01
1.00E+02	-9.30E+01	1.61E+02	-1.71E-02	-9.38E-01
1.00E+02	-9.30E+01	1.61E+02	-9.77E-03	-9.36E-01
1.00E+02	-9.30E+01	1.61E+02	0.00E+00	-9.32E-01
1.00E+02	-9.30E+01	1.61E+02	-9.77E-03	-9.37E-01
1.00E+02	-9.30E+01	1.61E+02	-1.59E-02	-9.48E-01
1.00E+02	-9.30E+01	1.61E+02	-8.54E-03	-9.29E-01
1.00E+02	-9.30E+01	1.61E+02	-1.83E-02	-9.27E-01
1.00E+02	-9.30E+01	1.61E+02	1.22E-02	-9.35E-01
1.00E+02	-9.30E+01	1.61E+02	-1.22E-02	-9.29E-01
1.00E+02	-9.30E+01	1.61E+02	-3.42E-02	-9.29E-01
1.00E+02	-9.30E+01	1.61E+02	-4.88E-02	-9.27E-01
1.00E+02	-9.30E+01	1.61E+02	-2.20E-02	-9.21E-01

1.00E+02	-9.30E+01	1.61E+02	-1.95E-02	-9.22E-01
1.00E+02	-9.30E+01	1.61E+02	-8.54E-03	-9.15E-01
1.00E+02	-9.30E+01	1.61E+02	-4.64E-02	-9.23E-01
1.00E+02	-9.30E+01	1.61E+02	-1.95E-02	-9.17E-01
1.00E+02	-9.30E+01	1.61E+02	-4.39E-02	-9.18E-01
1.00E+02	-9.30E+01	1.61E+02	-3.42E-02	-9.10E-01
1.00E+02	-9.30E+01	1.61E+02	-2.69E-02	-9.04E-01
1.00E+02	-9.30E+01	1.61E+02	-4.27E-02	-9.14E-01
1.00E+02	-9.30E+01	1.61E+02	-2.93E-02	-9.06E-01
1.00E+02	-9.30E+01	1.61E+02	-3.78E-02	-9.00E-01
1.00E+02	-9.30E+01	1.61E+02	-5.13E-02	-8.99E-01
1.00E+02	-9.30E+01	1.61E+02	-3.30E-02	-9.08E-01
1.01E+02	-9.30E+01	1.61E+02	-2.20E-02	-8.97E-01
1.01E+02	-9.30E+01	1.61E+02	-2.93E-02	-8.98E-01
1.01E+02	-9.30E+01	1.61E+02	-7.32E-03	-8.95E-01
1.01E+02	-9.30E+01	1.61E+02	-3.91E-02	-8.82E-01
1.01E+02	-9.30E+01	1.61E+02	-4.39E-02	-8.92E-01
1.01E+02	-9.30E+01	1.61E+02	-2.93E-02	-8.87E-01
1.01E+02	-9.30E+01	1.61E+02	-3.66E-03	-8.92E-01
1.01E+02	-9.30E+01	1.61E+02	-4.27E-02	-8.82E-01
1.01E+02	-9.30E+01	1.61E+02	-4.39E-02	-8.83E-01
1.01E+02	-9.30E+01	1.61E+02	-9.77E-03	-8.83E-01
1.01E+02	-9.30E+01	1.61E+02	-2.93E-02	-8.84E-01
1.01E+02	-9.30E+01	1.61E+02	-2.44E-02	-8.87E-01
1.01E+02	-9.30E+01	1.61E+02	-3.30E-02	-8.83E-01
1.01E+02	-9.30E+01	1.61E+02	-5.13E-02	-8.70E-01
1.01E+02	-9.30E+01	1.61E+02	-3.17E-02	-8.71E-01
1.01E+02	-9.30E+01	1.61E+02	-1.71E-02	-8.53E-01
1.01E+02	-9.30E+01	1.61E+02	-3.17E-02	-8.69E-01
1.01E+02	-9.30E+01	1.61E+02	-2.93E-02	-8.68E-01
1.01E+02	-9.30E+01	1.61E+02	-2.93E-02	-8.53E-01
1.01E+02	-9.30E+01	1.61E+02	-2.93E-02	-8.58E-01
1.01E+02	-9.30E+01	1.61E+02	-1.71E-02	-8.58E-01
1.01E+02	-9.30E+01	1.61E+02	-1.22E-02	-8.63E-01
1.01E+02	-9.30E+01	1.61E+02	-4.39E-02	-8.62E-01
1.01E+02	-9.30E+01	1.61E+02	-3.78E-02	-8.59E-01
1.01E+02	-9.30E+01	1.61E+02	-2.93E-02	-8.53E-01
1.01E+02	-9.30E+01	1.61E+02	4.88E-03	-8.48E-01
1.01E+02	-9.30E+01	1.61E+02	-2.81E-02	-8.37E-01
1.01E+02	-9.30E+01	1.61E+02	-2.93E-02	-8.46E-01
1.01E+02	-9.30E+01	1.61E+02	-3.66E-02	-8.40E-01
1.01E+02	-9.30E+01	1.61E+02	-6.10E-03	-8.28E-01
1.01E+02	-9.30E+01	1.61E+02	-1.46E-02	-8.37E-01
1.01E+02	-9.30E+01	1.61E+02	-2.44E-02	-8.42E-01
1.01E+02	-9.30E+01	1.61E+02	4.88E-03	-8.37E-01
1.01E+02	-9.30E+01	1.61E+02	-8.54E-03	-8.32E-01
1.01E+02	-9.30E+01	1.61E+02	1.22E-03	-8.40E-01

1.01E+02	-9.30E+01	1.61E+02	-4.88E-03	-8.39E-01
1.01E+02	-9.30E+01	1.61E+02	-2.44E-03	-8.31E-01
1.01E+02	-9.30E+01	1.61E+02	2.44E-03	-8.36E-01
1.01E+02	-9.30E+01	1.60E+02	-9.77E-03	-8.25E-01
1.01E+02	-9.30E+01	1.60E+02	-4.88E-03	-8.37E-01
1.01E+02	-9.30E+01	1.60E+02	-1.22E-02	-8.28E-01
1.01E+02	-9.30E+01	1.61E+02	-4.39E-02	-8.29E-01
1.01E+02	-9.30E+01	1.61E+02	-1.34E-02	-8.27E-01
1.01E+02	-9.30E+01	1.60E+02	-8.54E-03	-8.26E-01
1.01E+02	-9.30E+01	1.60E+02	-3.17E-02	-8.28E-01
1.01E+02	-9.30E+01	1.60E+02	-7.32E-03	-8.30E-01
1.01E+02	-9.30E+01	1.60E+02	-2.93E-02	-8.26E-01
1.01E+02	-9.30E+01	1.61E+02	-2.08E-02	-8.18E-01
1.01E+02	-9.30E+01	1.61E+02	-1.46E-02	-8.20E-01
1.01E+02	-9.30E+01	1.60E+02	-1.59E-02	-8.23E-01
1.02E+02	-9.30E+01	1.61E+02	-1.71E-02	-8.21E-01
1.02E+02	-9.30E+01	1.60E+02	-2.44E-02	-8.20E-01
1.02E+02	-9.30E+01	1.60E+02	-4.27E-02	-8.20E-01
1.02E+02	-9.30E+01	1.60E+02	-1.22E-02	-8.12E-01
1.02E+02	-9.30E+01	1.61E+02	-1.46E-02	-8.19E-01
1.02E+02	-9.30E+01	1.60E+02	-9.77E-03	-8.13E-01
1.02E+02	-9.30E+01	1.60E+02	-1.95E-02	-8.08E-01
1.02E+02	-9.30E+01	1.61E+02	-5.13E-02	-8.06E-01
1.02E+02	-9.30E+01	1.60E+02	-1.71E-02	-7.95E-01
1.02E+02	-9.30E+01	1.60E+02	-2.44E-02	-8.04E-01
1.02E+02	-9.30E+01	1.60E+02	-1.46E-02	-8.03E-01
1.02E+02	-9.30E+01	1.60E+02	-1.46E-02	-8.02E-01
1.02E+02	-9.30E+01	1.61E+02	-3.54E-02	-7.93E-01
1.02E+02	-9.30E+01	1.61E+02	-4.15E-02	-7.90E-01
1.02E+02	-9.30E+01	1.61E+02	-2.44E-03	-7.92E-01
1.02E+02	-9.30E+01	1.60E+02	-2.69E-02	-7.94E-01
1.02E+02	-9.30E+01	1.60E+02	-5.13E-02	-7.93E-01
1.02E+02	-9.30E+01	1.60E+02	-4.03E-02	-7.81E-01
1.02E+02	-9.30E+01	1.61E+02	-3.54E-02	-7.79E-01
1.02E+02	-9.30E+01	1.60E+02	-3.30E-02	-7.74E-01
1.02E+02	-9.30E+01	1.60E+02	-1.95E-02	-7.61E-01
1.02E+02	-9.30E+01	1.61E+02	-2.44E-02	-7.75E-01
1.02E+02	-9.30E+01	1.60E+02	-2.69E-02	-7.72E-01
1.02E+02	-9.30E+01	1.61E+02	-2.81E-02	-7.66E-01
1.02E+02	-9.30E+01	1.61E+02	-1.22E-02	-7.70E-01
1.02E+02	-9.30E+01	1.61E+02	-1.59E-02	-7.55E-01
1.02E+02	-9.30E+01	1.61E+02	0.00E+00	-7.66E-01
1.02E+02	-9.30E+01	1.60E+02	3.42E-02	-7.57E-01
1.02E+02	-9.30E+01	1.60E+02	0.00E+00	-7.62E-01
1.02E+02	-9.30E+01	1.60E+02	-9.77E-03	-7.67E-01
1.02E+02	-9.30E+01	1.60E+02	-1.34E-02	-7.53E-01
1.02E+02	-9.30E+01	1.61E+02	0.00E+00	-7.55E-01

1.02E+02	-9.30E+01	1.61E+02	4.88E-03	-7.56E-01
1.02E+02	-9.30E+01	1.60E+02	0.00E+00	-7.55E-01
1.02E+02	-9.30E+01	1.60E+02	-1.22E-02	-7.60E-01
1.02E+02	-9.30E+01	1.60E+02	-9.77E-03	-7.57E-01
1.02E+02	-9.30E+01	1.60E+02	-9.77E-03	-7.69E-01
1.02E+02	-9.30E+01	1.60E+02	4.88E-03	-7.53E-01
1.02E+02	-9.30E+01	1.60E+02	0.00E+00	-7.58E-01
1.02E+02	-9.30E+01	1.60E+02	-1.46E-02	-7.56E-01
1.02E+02	-9.30E+01	1.60E+02	-1.95E-02	-7.59E-01
1.02E+02	-9.30E+01	1.60E+02	-1.22E-02	-7.46E-01
1.02E+02	-9.30E+01	1.60E+02	-1.46E-02	-7.45E-01
1.02E+02	-9.30E+01	1.60E+02	-3.42E-02	-7.44E-01
1.02E+02	-9.30E+01	1.60E+02	-1.83E-02	-7.45E-01
1.02E+02	-9.30E+01	1.60E+02	-3.05E-02	-7.41E-01
1.02E+02	-9.30E+01	1.60E+02	-2.32E-02	-7.39E-01
1.02E+02	-9.30E+01	1.60E+02	-3.42E-02	-7.46E-01
1.02E+02	-9.30E+01	1.60E+02	-1.95E-02	-7.35E-01
1.02E+02	-9.30E+01	1.60E+02	-2.32E-02	-7.32E-01
1.03E+02	-9.30E+01	1.60E+02	-4.39E-02	-7.36E-01
1.03E+02	-9.30E+01	1.60E+02	-3.66E-02	-7.28E-01
1.03E+02	-9.30E+01	1.60E+02	-3.91E-02	-7.12E-01
1.03E+02	-9.30E+01	1.60E+02	-3.66E-02	-7.22E-01
1.03E+02	-9.30E+01	1.60E+02	-2.69E-02	-7.18E-01
1.03E+02	-9.30E+01	1.60E+02	-7.32E-03	-7.26E-01
1.03E+02	-9.30E+01	1.60E+02	-3.42E-02	-7.01E-01
1.03E+02	-9.30E+01	1.60E+02	-4.64E-02	-7.12E-01
1.03E+02	-9.30E+01	1.60E+02	-5.62E-02	-7.10E-01
1.03E+02	-9.30E+01	1.60E+02	-3.17E-02	-7.13E-01
1.03E+02	-9.30E+01	1.60E+02	-2.93E-02	-7.10E-01
1.03E+02	-9.30E+01	1.60E+02	-2.81E-02	-7.12E-01
1.03E+02	-9.30E+01	1.60E+02	-3.42E-02	-7.04E-01
1.03E+02	-9.30E+01	1.60E+02	-3.17E-02	-7.05E-01
1.03E+02	-9.30E+01	1.60E+02	-3.17E-02	-6.95E-01
1.03E+02	-9.30E+01	1.60E+02	-1.83E-02	-6.98E-01
1.03E+02	-9.30E+01	1.60E+02	-4.15E-02	-6.91E-01
1.03E+02	-9.30E+01	1.60E+02	-2.08E-02	-6.92E-01
1.03E+02	-9.30E+01	1.60E+02	-1.95E-02	-6.86E-01
1.03E+02	-9.30E+01	1.60E+02	6.10E-03	-6.82E-01
1.03E+02	-9.30E+01	1.60E+02	-9.77E-03	-6.98E-01
1.03E+02	-9.30E+01	1.60E+02	-6.10E-03	-6.90E-01
1.03E+02	-9.30E+01	1.60E+02	-1.46E-02	-6.79E-01
1.03E+02	-9.30E+01	1.60E+02	-3.66E-02	-6.82E-01
1.03E+02	-9.30E+01	1.60E+02	-1.71E-02	-6.77E-01
1.03E+02	-9.30E+01	1.60E+02	-1.95E-02	-6.69E-01
1.03E+02	-9.30E+01	1.60E+02	2.44E-03	-6.80E-01
1.03E+02	-9.30E+01	1.60E+02	-9.77E-03	-6.74E-01
1.03E+02	-9.30E+01	1.60E+02	-1.22E-02	-6.72E-01

1.03E+02	-9.30E+01	1.60E+02	-1.10E-02	-6.69E-01
1.03E+02	-9.30E+01	1.60E+02	-1.46E-02	-6.67E-01
1.03E+02	-9.30E+01	1.60E+02	-6.10E-03	-6.76E-01
1.03E+02	-9.30E+01	1.60E+02	-7.32E-03	-6.83E-01
1.03E+02	-9.30E+01	1.60E+02	0.00E+00	-6.77E-01
1.03E+02	-9.30E+01	1.60E+02	-1.22E-02	-6.80E-01
1.03E+02	-9.30E+01	1.60E+02	9.77E-03	-6.70E-01
1.03E+02	-9.30E+01	1.59E+02	-4.88E-03	-6.64E-01
1.03E+02	-9.30E+01	1.59E+02	1.46E-02	-6.71E-01
1.03E+02	-9.30E+01	1.60E+02	-8.54E-03	-6.69E-01
1.03E+02	-9.30E+01	1.60E+02	-3.66E-02	-6.78E-01
1.03E+02	-9.30E+01	1.60E+02	-2.44E-02	-6.68E-01
1.03E+02	-9.30E+01	1.59E+02	-3.17E-02	-6.61E-01
1.03E+02	-9.30E+01	1.60E+02	-4.88E-03	-6.64E-01
1.03E+02	-9.30E+01	1.60E+02	-2.20E-02	-6.63E-01
1.03E+02	-9.30E+01	1.60E+02	-9.77E-03	-6.69E-01
1.03E+02	-9.30E+01	1.59E+02	-2.81E-02	-6.60E-01
1.03E+02	-9.30E+01	1.59E+02	-2.44E-02	-6.53E-01
1.03E+02	-9.30E+01	1.60E+02	-9.77E-03	-6.54E-01
1.03E+02	-9.30E+01	1.60E+02	-1.22E-02	-6.46E-01
1.03E+02	-9.30E+01	1.60E+02	-2.44E-02	-6.58E-01
1.04E+02	-9.30E+01	1.60E+02	-2.93E-02	-6.45E-01
1.04E+02	-9.30E+01	1.60E+02	-3.66E-03	-6.40E-01
1.04E+02	-9.30E+01	1.60E+02	-3.54E-02	-6.52E-01
1.04E+02	-9.30E+01	1.59E+02	-4.15E-02	-6.38E-01
1.04E+02	-9.30E+01	1.59E+02	-2.69E-02	-6.36E-01
1.04E+02	-9.30E+01	1.60E+02	-6.35E-02	-6.44E-01
1.04E+02	-9.30E+01	1.60E+02	-3.42E-02	-6.31E-01
1.04E+02	-9.30E+01	1.60E+02	-3.42E-02	-6.21E-01
1.04E+02	-9.30E+01	1.60E+02	-3.42E-02	-6.20E-01
1.04E+02	-9.30E+01	1.59E+02	-2.20E-02	-6.08E-01
1.04E+02	-9.30E+01	1.60E+02	-2.56E-02	-6.21E-01
1.04E+02	-9.30E+01	1.60E+02	-2.69E-02	-6.10E-01
1.04E+02	-9.30E+01	1.60E+02	-5.86E-02	-6.07E-01
1.04E+02	-9.30E+01	1.59E+02	-2.32E-02	-6.11E-01
1.04E+02	-9.30E+01	1.59E+02	-1.95E-02	-6.13E-01
1.04E+02	-9.30E+01	1.60E+02	9.77E-03	-6.10E-01
1.04E+02	-9.30E+01	1.59E+02	-2.20E-02	-6.10E-01
1.04E+02	-9.30E+01	1.60E+02	-3.54E-02	-6.05E-01
1.04E+02	-9.30E+01	1.59E+02	-2.20E-02	-5.98E-01
1.04E+02	-9.30E+01	1.60E+02	-1.95E-02	-6.02E-01
1.04E+02	-9.30E+01	1.59E+02	-1.22E-02	-6.03E-01
1.04E+02	-9.30E+01	1.59E+02	-2.44E-03	-5.97E-01
1.04E+02	-9.30E+01	1.59E+02	-1.95E-02	-6.00E-01
1.04E+02	-9.30E+01	1.59E+02	-1.34E-02	-5.99E-01
1.04E+02	-9.30E+01	1.60E+02	9.77E-03	-5.95E-01
1.04E+02	-9.30E+01	1.59E+02	-6.10E-03	-6.02E-01

1.04E+02	-9.30E+01	1.59E+02	-1.95E-02	-5.92E-01
1.04E+02	-9.30E+01	1.59E+02	2.44E-03	-5.98E-01
1.04E+02	-9.30E+01	1.59E+02	9.77E-03	-5.98E-01
1.04E+02	-9.30E+01	1.59E+02	0.00E+00	-5.86E-01
1.04E+02	-9.30E+01	1.59E+02	0.00E+00	-5.83E-01
1.04E+02	-9.30E+01	1.59E+02	2.56E-02	-5.91E-01
1.04E+02	-9.30E+01	1.59E+02	0.00E+00	-5.89E-01
1.04E+02	-9.30E+01	1.59E+02	-2.20E-02	-5.90E-01
1.04E+02	-9.30E+01	1.58E+02	-9.77E-03	-5.84E-01
1.04E+02	-9.30E+01	1.59E+02	-9.77E-03	-5.84E-01
1.04E+02	-9.30E+01	1.59E+02	7.32E-03	-5.87E-01
1.04E+02	-9.30E+01	1.59E+02	-2.44E-03	-6.00E-01
1.04E+02	-9.30E+01	1.58E+02	-1.71E-02	-5.90E-01
1.04E+02	-9.30E+01	1.58E+02	-1.22E-02	-5.89E-01
1.04E+02	-9.30E+01	1.59E+02	-3.17E-02	-5.82E-01
1.04E+02	-9.30E+01	1.59E+02	-9.77E-03	-5.96E-01
1.04E+02	-9.30E+01	1.59E+02	4.88E-03	-5.77E-01
1.04E+02	-9.30E+01	1.59E+02	-7.32E-03	-5.78E-01
1.04E+02	-9.30E+01	1.58E+02	-5.37E-02	-5.88E-01
1.04E+02	-9.30E+01	1.59E+02	-2.20E-02	-5.75E-01
1.04E+02	-9.30E+01	1.59E+02	-1.95E-02	-5.74E-01
1.04E+02	-9.30E+01	1.59E+02	-3.17E-02	-5.72E-01
1.04E+02	-9.30E+01	1.59E+02	-2.08E-02	-5.77E-01
1.04E+02	-9.30E+01	1.58E+02	-7.32E-03	-5.66E-01
1.05E+02	-9.30E+01	1.58E+02	-1.34E-02	-5.70E-01
1.05E+02	-9.30E+01	1.58E+02	-1.10E-02	-5.60E-01
1.05E+02	-9.30E+01	1.59E+02	-3.66E-03	-5.65E-01
1.05E+02	-9.30E+01	1.58E+02	-2.20E-02	-5.56E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-02	-5.64E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-02	-5.53E-01
1.05E+02	-9.30E+01	1.58E+02	7.32E-03	-5.60E-01
1.05E+02	-9.30E+01	1.58E+02	-3.66E-03	-5.53E-01
1.05E+02	-9.30E+01	1.58E+02	-1.59E-02	-5.61E-01
1.05E+02	-9.30E+01	1.58E+02	-4.52E-02	-5.56E-01
1.05E+02	-9.30E+01	1.58E+02	-3.05E-02	-5.49E-01
1.05E+02	-9.30E+01	1.58E+02	-2.93E-02	-5.44E-01
1.05E+02	-9.30E+01	1.59E+02	-3.05E-02	-5.43E-01
1.05E+02	-9.30E+01	1.58E+02	-3.05E-02	-5.37E-01
1.05E+02	-9.30E+01	1.58E+02	-3.05E-02	-5.25E-01
1.05E+02	-9.30E+01	1.59E+02	-3.54E-02	-5.32E-01
1.05E+02	-9.30E+01	1.58E+02	-3.42E-02	-5.24E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-02	-5.19E-01
1.05E+02	-9.30E+01	1.59E+02	-2.69E-02	-5.24E-01
1.05E+02	-9.30E+01	1.58E+02	-1.46E-02	-5.11E-01
1.05E+02	-9.30E+01	1.59E+02	-9.77E-03	-5.22E-01
1.05E+02	-9.30E+01	1.58E+02	-2.20E-02	-5.15E-01
1.05E+02	-9.30E+01	1.59E+02	3.66E-03	-5.15E-01

1.05E+02	-9.30E+01	1.59E+02	-1.34E-02	-5.12E-01
1.05E+02	-9.30E+01	1.58E+02	-4.88E-03	-5.08E-01
1.05E+02	-9.30E+01	1.58E+02	-1.22E-02	-5.17E-01
1.05E+02	-9.30E+01	1.58E+02	2.32E-02	-5.07E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-03	-5.12E-01
1.05E+02	-9.30E+01	1.58E+02	-7.32E-03	-5.14E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-03	-5.06E-01
1.05E+02	-9.30E+01	1.58E+02	0.00E+00	-5.12E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-03	-5.14E-01
1.05E+02	-9.30E+01	1.58E+02	-6.10E-03	-5.15E-01
1.05E+02	-9.30E+01	1.58E+02	-7.32E-03	-5.10E-01
1.05E+02	-9.30E+01	1.58E+02	-7.32E-03	-5.10E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-02	-4.96E-01
1.05E+02	-9.30E+01	1.58E+02	2.44E-03	-5.03E-01
1.05E+02	-9.30E+01	1.58E+02	-1.46E-02	-5.08E-01
1.05E+02	-9.30E+01	1.58E+02	-3.05E-02	-5.09E-01
1.05E+02	-9.30E+01	1.58E+02	-2.69E-02	-4.95E-01
1.05E+02	-9.30E+01	1.58E+02	-3.91E-02	-4.97E-01
1.05E+02	-9.30E+01	1.58E+02	-2.93E-02	-4.96E-01
1.05E+02	-9.30E+01	1.58E+02	-5.13E-02	-4.90E-01
1.05E+02	-9.30E+01	1.58E+02	-2.20E-02	-4.95E-01
1.05E+02	-9.30E+01	1.58E+02	-3.91E-02	-4.97E-01
1.05E+02	-9.30E+01	1.58E+02	-2.93E-02	-4.82E-01
1.05E+02	-9.30E+01	1.58E+02	-2.93E-02	-4.71E-01
1.05E+02	-9.30E+01	1.58E+02	1.22E-02	-4.64E-01
1.05E+02	-9.30E+01	1.58E+02	-7.32E-03	-4.77E-01
1.05E+02	-9.30E+01	1.58E+02	-1.22E-03	-4.79E-01
1.06E+02	-9.30E+01	1.58E+02	7.32E-03	-4.74E-01
1.06E+02	-9.30E+01	1.58E+02	-7.32E-03	-4.83E-01
1.06E+02	-9.30E+01	1.58E+02	-1.46E-02	-4.81E-01
1.06E+02	-9.30E+01	1.57E+02	-4.88E-03	-4.74E-01
1.06E+02	-9.30E+01	1.57E+02	-2.44E-02	-4.71E-01
1.06E+02	-9.30E+01	1.57E+02	7.32E-03	-4.69E-01
1.06E+02	-9.30E+01	1.57E+02	1.34E-02	-4.76E-01
1.06E+02	-9.30E+01	1.57E+02	-8.54E-03	-4.75E-01
1.06E+02	-9.30E+01	1.57E+02	-1.46E-02	-4.68E-01
1.06E+02	-9.30E+01	1.57E+02	-1.71E-02	-4.65E-01
1.06E+02	-9.30E+01	1.57E+02	-2.69E-02	-4.60E-01
1.06E+02	-9.30E+01	1.57E+02	-1.71E-02	-4.65E-01
1.06E+02	-9.30E+01	1.57E+02	-1.71E-02	-4.64E-01
1.06E+02	-9.30E+01	1.56E+02	-2.32E-02	-4.62E-01
1.06E+02	-9.30E+01	1.57E+02	-3.17E-02	-4.72E-01
1.06E+02	-9.30E+01	1.57E+02	-9.77E-03	-4.57E-01
1.06E+02	-9.30E+01	1.57E+02	-1.22E-02	-4.50E-01
1.06E+02	-9.30E+01	1.57E+02	-3.66E-03	-4.52E-01
1.06E+02	-9.30E+01	1.57E+02	-3.05E-02	-4.54E-01
1.06E+02	-9.30E+01	1.57E+02	-2.81E-02	-4.35E-01

1.06E+02	-9.30E+01	1.57E+02	-4.15E-02	-4.43E-01
1.06E+02	-9.30E+01	1.56E+02	-2.44E-02	-4.40E-01
1.06E+02	-9.30E+01	1.56E+02	-2.44E-02	-4.43E-01
1.06E+02	-9.30E+01	1.56E+02	-3.17E-02	-4.53E-01
1.06E+02	-9.30E+01	1.57E+02	-4.39E-02	-4.34E-01
1.06E+02	-9.30E+01	1.56E+02	-4.03E-02	-4.36E-01
1.06E+02	-9.30E+01	1.56E+02	-2.56E-02	-4.41E-01
1.06E+02	-9.30E+01	1.56E+02	-2.69E-02	-4.29E-01
1.06E+02	-9.30E+01	1.56E+02	-1.46E-02	-4.26E-01
1.06E+02	-9.30E+01	1.57E+02	-2.93E-02	-4.26E-01
1.06E+02	-9.30E+01	1.56E+02	-3.91E-02	-4.21E-01
1.06E+02	-9.30E+01	1.56E+02	-3.66E-02	-4.21E-01
1.06E+02	-9.30E+01	1.56E+02	-2.44E-02	-4.22E-01
1.06E+02	-9.30E+01	1.56E+02	-2.44E-02	-4.15E-01
1.06E+02	-9.30E+01	1.56E+02	0.00E+00	-4.11E-01
1.06E+02	-9.30E+01	1.56E+02	-1.71E-02	-4.17E-01
1.06E+02	-9.30E+01	1.56E+02	-1.71E-02	-4.06E-01
1.06E+02	-9.30E+01	1.56E+02	-1.10E-02	-4.03E-01
1.06E+02	-9.30E+01	1.56E+02	-1.59E-02	-4.04E-01
1.06E+02	-9.30E+01	1.56E+02	2.44E-03	-4.14E-01
1.06E+02	-9.30E+01	1.56E+02	-1.22E-03	-4.04E-01
1.06E+02	-9.30E+01	1.56E+02	-3.66E-03	-4.11E-01
1.06E+02	-9.30E+01	1.56E+02	-1.22E-02	-4.00E-01
1.06E+02	-9.30E+01	1.56E+02	-4.88E-03	-3.95E-01
1.06E+02	-9.30E+01	1.56E+02	8.54E-03	-3.86E-01
1.06E+02	-9.30E+01	1.56E+02	7.32E-03	-4.01E-01
1.06E+02	-9.30E+01	1.55E+02	-9.77E-03	-3.98E-01
1.06E+02	-9.30E+01	1.56E+02	2.56E-02	-3.90E-01
1.06E+02	-9.30E+01	1.56E+02	-4.88E-03	-3.77E-01
1.06E+02	-9.30E+01	1.56E+02	-4.88E-03	-3.93E-01
1.07E+02	-9.30E+01	1.56E+02	2.44E-03	-3.88E-01
1.07E+02	-9.30E+01	1.56E+02	-1.95E-02	-3.89E-01
1.07E+02	-9.30E+01	1.55E+02	-7.32E-03	-3.92E-01
1.07E+02	-9.30E+01	1.56E+02	-1.59E-02	-3.79E-01
1.07E+02	-9.30E+01	1.55E+02	0.00E+00	-3.88E-01
1.07E+02	-9.30E+01	1.56E+02	6.10E-03	-3.89E-01
1.07E+02	-9.30E+01	1.56E+02	-1.95E-02	-3.97E-01
1.07E+02	-9.30E+01	1.56E+02	-1.22E-02	-3.87E-01
1.07E+02	-9.30E+01	1.55E+02	-2.44E-03	-3.84E-01
1.07E+02	-9.30E+01	1.55E+02	-1.22E-02	-3.79E-01
1.07E+02	-9.30E+01	1.56E+02	4.88E-03	-3.77E-01
1.07E+02	-9.30E+01	1.56E+02	-1.83E-02	-3.83E-01
1.07E+02	-9.30E+01	1.54E+02	-1.95E-02	-3.75E-01
1.07E+02	-9.30E+01	1.54E+02	-3.54E-02	-3.76E-01
1.07E+02	-9.30E+01	1.55E+02	-4.64E-02	-3.66E-01
1.07E+02	-9.30E+01	1.56E+02	-5.86E-02	-3.61E-01
1.07E+02	-9.30E+01	1.55E+02	-2.44E-02	-3.63E-01

1.07E+02	-9.30E+01	1.56E+02	-1.22E-02	-3.57E-01
1.07E+02	-9.30E+01	1.56E+02	-9.77E-03	-3.61E-01
1.07E+02	-9.30E+01	1.56E+02	-2.56E-02	-3.61E-01
1.07E+02	-9.30E+01	1.56E+02	-1.95E-02	-3.54E-01
1.07E+02	-9.30E+01	1.55E+02	-2.44E-03	-3.53E-01
1.07E+02	-9.30E+01	1.56E+02	-3.17E-02	-3.46E-01
1.07E+02	-9.30E+01	1.56E+02	0.00E+00	-3.47E-01
1.07E+02	-9.30E+01	1.56E+02	4.88E-03	-3.50E-01
1.07E+02	-9.30E+01	1.56E+02	2.44E-03	-3.50E-01
1.07E+02	-9.30E+01	1.56E+02	-1.95E-02	-3.61E-01
1.07E+02	-9.30E+01	1.55E+02	-2.93E-02	-3.58E-01
1.07E+02	-9.30E+01	1.56E+02	-3.42E-02	-3.51E-01
1.07E+02	-9.30E+01	1.55E+02	-2.20E-02	-3.48E-01
1.07E+02	-9.30E+01	1.56E+02	-1.71E-02	-3.53E-01
1.07E+02	-9.30E+01	1.56E+02	-2.32E-02	-3.51E-01
1.07E+02	-9.30E+01	1.56E+02	-2.93E-02	-3.36E-01
1.07E+02	-9.30E+01	1.56E+02	-2.56E-02	-3.43E-01
1.07E+02	-9.30E+01	1.56E+02	-3.42E-02	-3.39E-01
1.07E+02	-9.30E+01	1.56E+02	-2.81E-02	-3.37E-01
1.07E+02	-9.30E+01	1.56E+02	-2.69E-02	-3.36E-01
1.07E+02	-9.30E+01	1.56E+02	-2.44E-02	-3.39E-01
1.07E+02	-9.30E+01	1.56E+02	-3.05E-02	-3.32E-01
1.07E+02	-9.30E+01	1.56E+02	-3.66E-02	-3.24E-01
1.07E+02	-9.30E+01	1.57E+02	-7.32E-03	-3.17E-01
1.07E+02	-9.30E+01	1.57E+02	-2.44E-02	-3.26E-01
1.07E+02	-9.30E+01	1.56E+02	-2.56E-02	-3.30E-01
1.07E+02	-9.30E+01	1.56E+02	-1.95E-02	-3.21E-01
1.07E+02	-9.30E+01	1.57E+02	-2.93E-02	-3.17E-01
1.07E+02	-9.30E+01	1.57E+02	-3.05E-02	-3.12E-01
1.07E+02	-9.30E+01	1.57E+02	-1.46E-02	-3.20E-01
1.07E+02	-9.30E+01	1.57E+02	-2.81E-02	-3.15E-01
1.07E+02	-9.30E+01	1.57E+02	-2.20E-02	-3.13E-01
1.07E+02	-9.30E+01	1.57E+02	-3.66E-02	-3.06E-01
1.08E+02	-9.30E+01	1.57E+02	-2.44E-02	-2.97E-01
1.08E+02	-9.30E+01	1.57E+02	-1.95E-02	-2.99E-01
1.08E+02	-9.30E+01	1.57E+02	-2.44E-02	-2.99E-01
1.08E+02	-9.30E+01	1.57E+02	-1.83E-02	-2.87E-01
1.08E+02	-9.30E+01	1.57E+02	-1.83E-02	-2.95E-01
1.08E+02	-9.30E+01	1.58E+02	-2.69E-02	-2.89E-01
1.08E+02	-9.30E+01	1.58E+02	-3.17E-02	-2.89E-01
1.08E+02	-9.30E+01	1.58E+02	-1.46E-02	-3.08E-01
1.08E+02	-9.30E+01	1.58E+02	-2.93E-02	-2.89E-01
1.08E+02	-9.30E+01	1.58E+02	-2.08E-02	-2.84E-01
1.08E+02	-9.30E+01	1.58E+02	1.22E-02	-2.93E-01
1.08E+02	-9.30E+01	1.58E+02	-6.10E-03	-2.78E-01
1.08E+02	-9.30E+01	1.58E+02	0.00E+00	-2.83E-01
1.08E+02	-9.30E+01	1.57E+02	1.22E-03	-2.82E-01

1.08E+02	-9.30E+01	1.58E+02	-1.46E-02	-2.79E-01
1.08E+02	-9.30E+01	1.58E+02	2.44E-03	-2.78E-01
1.08E+02	-9.30E+01	1.58E+02	-7.32E-03	-2.71E-01
1.08E+02	-9.30E+01	1.58E+02	-1.22E-02	-2.74E-01
1.08E+02	-9.30E+01	1.58E+02	-1.83E-02	-2.79E-01
1.08E+02	-9.30E+01	1.58E+02	-1.22E-02	-2.72E-01
1.08E+02	-9.30E+01	1.58E+02	7.32E-03	-2.75E-01
1.08E+02	-9.30E+01	1.57E+02	-8.54E-03	-2.66E-01
1.08E+02	-9.30E+01	1.57E+02	7.32E-03	-2.70E-01
1.08E+02	-9.30E+01	1.58E+02	-1.22E-03	-2.75E-01
1.08E+02	-9.30E+01	1.58E+02	4.88E-03	-2.74E-01
1.08E+02	-9.30E+01	1.57E+02	-7.32E-03	-2.72E-01
1.08E+02	-9.30E+01	1.58E+02	-1.71E-02	-2.77E-01
1.08E+02	-9.30E+01	1.58E+02	-3.17E-02	-2.70E-01
1.08E+02	-9.30E+01	1.58E+02	-3.05E-02	-2.71E-01
1.08E+02	-9.30E+01	1.57E+02	-3.17E-02	-2.62E-01
1.08E+02	-9.30E+01	1.57E+02	-2.20E-02	-2.60E-01
1.08E+02	-9.30E+01	1.58E+02	-1.71E-02	-2.66E-01
1.08E+02	-9.30E+01	1.58E+02	-3.30E-02	-2.64E-01
1.08E+02	-9.30E+01	1.57E+02	-3.17E-02	-2.57E-01
1.08E+02	-9.30E+01	1.57E+02	-2.93E-02	-2.56E-01
1.08E+02	-9.30E+01	1.58E+02	-2.44E-02	-2.54E-01
1.08E+02	-9.30E+01	1.58E+02	-2.44E-02	-2.53E-01
1.08E+02	-9.30E+01	1.58E+02	-2.44E-02	-2.55E-01
1.08E+02	-9.30E+01	1.58E+02	-3.42E-02	-2.42E-01
1.08E+02	-9.30E+01	1.58E+02	-3.42E-02	-2.38E-01
1.08E+02	-9.30E+01	1.58E+02	-1.46E-02	-2.33E-01
1.08E+02	-9.30E+01	1.58E+02	-1.22E-02	-2.44E-01
1.08E+02	-9.30E+01	1.58E+02	-2.08E-02	-2.33E-01
1.08E+02	-9.30E+01	1.58E+02	-1.59E-02	-2.26E-01
1.08E+02	-9.30E+01	1.58E+02	-4.88E-02	-2.23E-01
1.08E+02	-9.30E+01	1.57E+02	-1.46E-02	-2.26E-01
1.08E+02	-9.30E+01	1.58E+02	-8.54E-03	-2.27E-01
1.08E+02	-9.30E+01	1.58E+02	0.00E+00	-2.24E-01
1.08E+02	-9.30E+01	1.57E+02	4.88E-03	-2.24E-01
1.08E+02	-9.30E+01	1.58E+02	1.46E-02	-2.41E-01
1.09E+02	-9.30E+01	1.57E+02	-1.59E-02	-2.44E-01
1.09E+02	-9.30E+01	1.57E+02	-2.69E-02	-2.36E-01
1.09E+02	-9.30E+01	1.57E+02	-4.64E-02	-2.30E-01
1.09E+02	-9.30E+01	1.57E+02	-2.44E-02	-2.14E-01
1.09E+02	-9.30E+01	1.57E+02	-2.93E-02	-2.14E-01
1.09E+02	-9.30E+01	1.57E+02	-2.69E-02	-2.10E-01
1.09E+02	-9.30E+01	1.57E+02	-2.32E-02	-2.15E-01
1.09E+02	-9.30E+01	1.57E+02	-1.95E-02	-2.13E-01
1.09E+02	-9.30E+01	1.57E+02	-2.93E-02	-2.06E-01
1.09E+02	-9.30E+01	1.57E+02	-1.22E-02	-2.10E-01
1.09E+02	-9.30E+01	1.57E+02	1.22E-03	-1.97E-01

1.09E+02	-9.30E+01	1.58E+02	-3.66E-03	-1.95E-01
1.09E+02	-9.30E+01	1.57E+02	2.69E-02	-1.90E-01
1.09E+02	-9.30E+01	1.57E+02	7.32E-03	-1.99E-01
1.09E+02	-9.30E+01	1.57E+02	-4.88E-03	-2.01E-01
1.09E+02	-9.30E+01	1.57E+02	4.88E-03	-1.93E-01
1.09E+02	-9.30E+01	1.57E+02	-9.77E-03	-1.97E-01
1.09E+02	-9.30E+01	1.57E+02	-3.17E-02	-2.00E-01
1.09E+02	-9.30E+01	1.57E+02	-9.77E-03	-2.05E-01
1.09E+02	-9.30E+01	1.57E+02	-1.95E-02	-2.05E-01
1.09E+02	-9.30E+01	1.57E+02	-3.05E-02	-2.02E-01
1.09E+02	-9.30E+01	1.57E+02	-1.71E-02	-1.93E-01
1.09E+02	-9.30E+01	1.57E+02	-2.20E-02	-1.93E-01
1.09E+02	-9.30E+01	1.57E+02	-2.08E-02	-1.96E-01
1.09E+02	-9.30E+01	1.57E+02	-2.44E-02	-1.89E-01
1.09E+02	-9.30E+01	1.57E+02	-2.81E-02	-1.77E-01
1.09E+02	-9.30E+01	1.57E+02	-3.42E-02	-1.84E-01
1.09E+02	-9.30E+01	1.57E+02	-3.42E-02	-1.85E-01
1.09E+02	-9.30E+01	1.57E+02	-3.91E-02	-1.79E-01
1.09E+02	-9.30E+01	1.57E+02	-3.05E-02	-1.74E-01
1.09E+02	-9.30E+01	1.57E+02	-3.42E-02	-1.66E-01
1.09E+02	-9.30E+01	1.57E+02	-2.20E-02	-1.70E-01
1.09E+02	-9.30E+01	1.57E+02	-2.81E-02	-1.67E-01
1.09E+02	-9.30E+01	1.57E+02	-5.13E-02	-1.61E-01
1.09E+02	-9.30E+01	1.57E+02	-1.34E-02	-1.62E-01
1.09E+02	-9.30E+01	1.57E+02	0.00E+00	-1.57E-01
1.09E+02	-9.30E+01	1.57E+02	-6.10E-03	-1.56E-01
1.09E+02	-9.30E+01	1.57E+02	-2.69E-02	-1.68E-01
1.09E+02	-9.30E+01	1.57E+02	-2.44E-03	-1.55E-01
1.09E+02	-9.30E+01	1.57E+02	-1.95E-02	-1.45E-01
1.09E+02	-9.30E+01	1.56E+02	1.22E-03	-1.49E-01
1.09E+02	-9.30E+01	1.56E+02	-3.66E-03	-1.54E-01
1.09E+02	-9.30E+01	1.57E+02	-1.95E-02	-1.45E-01
1.09E+02	-9.30E+01	1.57E+02	-4.88E-03	-1.54E-01
1.09E+02	-9.30E+01	1.56E+02	4.88E-03	-1.43E-01
1.09E+02	-9.30E+01	1.56E+02	-2.93E-02	-1.39E-01
1.09E+02	-9.30E+01	1.57E+02	-1.46E-02	-1.42E-01
1.09E+02	-9.30E+01	1.56E+02	0.00E+00	-1.49E-01
1.09E+02	-9.30E+01	1.56E+02	1.34E-02	-1.48E-01
1.09E+02	-9.30E+01	1.56E+02	-1.22E-02	-1.53E-01
1.10E+02	-9.30E+01	1.56E+02	-2.20E-02	-1.52E-01
1.10E+02	-9.30E+01	1.56E+02	-2.69E-02	-1.44E-01
1.10E+02	-9.30E+01	1.56E+02	-3.42E-02	-1.46E-01
1.10E+02	-9.30E+01	1.56E+02	-2.69E-02	-1.37E-01
1.10E+02	-9.30E+01	1.57E+02	-9.77E-03	-1.31E-01
1.10E+02	-9.30E+01	1.57E+02	-1.59E-02	-1.27E-01
1.10E+02	-9.30E+01	1.56E+02	-1.46E-02	-1.29E-01
1.10E+02	-9.30E+01	1.56E+02	-2.20E-02	-1.23E-01

1.10E+02	-9.30E+01	1.56E+02	-1.95E-02	-1.21E-01
1.10E+02	-9.30E+01	1.56E+02	-9.77E-03	-1.03E-01
1.10E+02	-9.30E+01	1.56E+02	2.44E-03	-1.15E-01
1.10E+02	-9.30E+01	1.56E+02	1.22E-03	-1.25E-01
1.10E+02	-9.30E+01	1.56E+02	-1.22E-02	-1.16E-01
1.10E+02	-9.30E+01	1.56E+02	-1.71E-02	-1.13E-01
1.10E+02	-9.30E+01	1.56E+02	-1.10E-02	-9.76E-02
1.10E+02	-9.30E+01	1.56E+02	0.00E+00	-1.08E-01
1.10E+02	-9.30E+01	1.56E+02	-4.88E-03	-1.11E-01
1.10E+02	-9.30E+01	1.56E+02	-1.46E-02	-1.10E-01
1.10E+02	-9.30E+01	1.55E+02	-2.44E-03	-9.34E-02
1.10E+02	-9.30E+01	1.55E+02	-1.34E-02	-1.04E-01
1.10E+02	-9.30E+01	1.55E+02	-6.10E-03	-9.68E-02
1.10E+02	-9.30E+01	1.55E+02	-1.22E-02	-1.07E-01
1.10E+02	-9.30E+01	1.55E+02	1.34E-02	-1.04E-01
1.10E+02	-9.30E+01	1.55E+02	0.00E+00	-1.00E-01
1.10E+02	-9.30E+01	1.55E+02	-1.46E-02	-1.06E-01
1.10E+02	-9.30E+01	1.55E+02	-2.08E-02	-1.07E-01
1.10E+02	-9.30E+01	1.55E+02	1.71E-02	-9.93E-02
1.10E+02	-9.30E+01	1.54E+02	-1.22E-02	-1.19E-01
1.10E+02	-9.30E+01	1.54E+02	-2.32E-02	-1.07E-01
1.10E+02	-9.30E+01	1.54E+02	-2.44E-02	-9.97E-02
1.10E+02	-9.30E+01	1.54E+02	-2.20E-02	-1.07E-01
1.10E+02	-9.30E+01	1.54E+02	-3.42E-02	-9.42E-02
1.10E+02	-9.30E+01	1.54E+02	-2.69E-02	-9.42E-02
1.10E+02	-9.30E+01	1.54E+02	-1.46E-02	-9.25E-02
1.10E+02	-9.30E+01	1.53E+02	-2.93E-02	-9.51E-02
1.10E+02	-9.30E+01	1.53E+02	-2.93E-02	-9.76E-02
1.10E+02	-9.30E+01	1.53E+02	-3.66E-02	-8.57E-02
1.10E+02	-9.30E+01	1.52E+02	-2.93E-02	-7.81E-02
1.10E+02	-9.30E+01	1.51E+02	-2.44E-03	-6.67E-02
1.10E+02	-9.30E+01	1.48E+02	-1.71E-02	-7.56E-02
1.10E+02	-9.30E+01	1.42E+02	-1.46E-02	-6.71E-02
1.10E+02	-9.30E+01	1.32E+02	-1.59E-02	-6.71E-02
1.10E+02	-9.30E+01	1.21E+02	-9.77E-03	-6.03E-02
1.10E+02	-9.30E+01	1.10E+02	-1.22E-02	-5.78E-02
1.10E+02	-9.30E+01	1.00E+02	-1.59E-02	-5.44E-02
1.10E+02	-9.30E+01	9.05E+01	-2.44E-03	-5.61E-02
1.10E+02	-9.30E+01	7.93E+01	-2.44E-03	-4.97E-02
1.10E+02	-9.30E+01	6.75E+01	1.71E-02	-5.31E-02
1.10E+02	-9.30E+01	5.75E+01	-1.22E-02	-4.71E-02
1.10E+02	-9.30E+01	4.80E+01	-6.10E-03	-4.93E-02
1.11E+02	-9.30E+01	3.82E+01	-4.88E-03	-5.01E-02
1.11E+02	-9.30E+01	2.84E+01	-9.77E-03	-4.21E-02
1.11E+02	-9.30E+01	1.89E+01	0.00E+00	-6.03E-02
1.11E+02	-9.30E+01	1.05E+01	-2.93E-02	-4.88E-02
1.11E+02	-9.30E+01	3.83E+00	-1.95E-02	-4.16E-02

1.11E+02	-9.30E+01	1.14E+00	-3.42E-02	-2.76E-02
1.11E+02	-9.30E+01	1.11E+00	-2.44E-03	-4.25E-02
1.11E+02	-9.30E+01	8.98E-01	0.00E+00	-3.82E-02
1.11E+02	-9.30E+01	-8.01E-02	-1.95E-02	-4.25E-02
1.11E+02	-9.30E+01	-8.75E-01	-2.93E-02	-4.42E-02
1.11E+02	-9.30E+01	-1.30E+00	-5.98E-02	-2.98E-02
1.11E+02	-9.30E+01	-1.41E+00	-3.42E-02	-2.55E-02
1.11E+02	-9.30E+01	-1.36E+00	-1.95E-02	-2.98E-02
1.11E+02	-9.30E+01	-1.49E+00	-4.52E-02	-2.81E-02
1.11E+02	-9.30E+01	-1.40E+00	-1.46E-02	-2.98E-02
1.11E+02	-9.30E+01	-1.55E+00	-2.20E-02	-2.13E-02
1.11E+02	-9.30E+01	-1.46E+00	-3.30E-02	-1.70E-02
1.11E+02	-9.30E+01	-1.78E+00	-3.42E-02	-1.53E-02
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1.11E+02	-9.30E+01	-1.61E+00	-3.54E-02	-7.70E-03
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1.11E+02	-9.30E+01	-2.08E+00	-2.08E-02	-1.41E-02
1.11E+02	-9.30E+01	-1.58E+00	-4.39E-02	-4.30E-03
1.11E+02	-9.30E+01	-1.64E+00	-1.95E-02	-1.70E-02
1.11E+02	-9.30E+01	-1.36E+00	-1.71E-02	-1.79E-02
1.11E+02	-9.30E+01	-1.43E+00	-3.30E-02	-1.36E-02
1.11E+02	-9.30E+01	-1.30E+00	-1.71E-02	-9.39E-03
1.11E+02	-9.30E+01	-1.09E+00	-3.05E-02	-9.08E-04
1.11E+02	-9.30E+01	-1.36E+00	-1.34E-02	-1.24E-02
1.11E+02	-9.30E+01	-1.33E+00	-7.32E-03	-1.36E-02
1.11E+02	-9.30E+01	-1.21E+00	-1.46E-02	-1.07E-02
1.11E+02	-9.30E+01	-1.43E+00	-3.17E-02	-1.19E-02
1.11E+02	-9.30E+01	-1.21E+00	-1.22E-03	-6.85E-03
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1.11E+02	-9.30E+01	-1.47E+00	-2.69E-02	-5.15E-03
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1.11E+02	-9.30E+01	-1.24E+00	-2.44E-03	-1.07E-02
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1.11E+02	-9.30E+01	-1.46E+00	-1.59E-02	-5.15E-03
1.11E+02	-9.30E+01	-1.49E+00	-1.10E-02	-1.53E-02
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1.11E+02	-9.30E+01	-1.18E+00	-6.10E-03	-1.11E-02
1.11E+02	-9.30E+01	-1.50E+00	2.44E-03	-1.36E-02
1.11E+02	-9.30E+01	-1.27E+00	-2.44E-02	-2.30E-02
1.11E+02	-9.30E+01	-1.58E+00	-2.44E-03	-1.11E-02
1.11E+02	-9.30E+01	-1.38E+00	-4.88E-03	-2.13E-02
1.11E+02	-9.30E+01	-1.17E+00	-6.10E-03	-1.53E-02
1.12E+02	-9.30E+01	-1.43E+00	9.77E-03	-2.81E-02
1.12E+02	-9.30E+01	-1.46E+00	1.46E-02	-2.17E-02

1.12E+02	-9.30E+01	-1.62E+00	-1.22E-02	-1.36E-02
1.12E+02	-9.30E+01	-1.52E+00	-1.46E-02	-2.64E-02
1.12E+02	-9.30E+01	-1.55E+00	-1.46E-02	-1.70E-02
1.12E+02	-9.30E+01	-1.27E+00	3.66E-03	-3.15E-02
1.12E+02	-9.30E+01	-1.49E+00	-1.46E-02	-1.36E-02
1.12E+02	-9.30E+01	-1.61E+00	-1.95E-02	-2.55E-02
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1.12E+02	-9.30E+01	-1.55E+00	-3.17E-02	-2.38E-02
1.12E+02	-9.30E+01	-1.40E+00	-4.15E-02	-2.00E-02
1.12E+02	-9.30E+01	-1.30E+00	-2.44E-02	-2.76E-02
1.12E+02	-9.30E+01	-1.18E+00	-2.08E-02	-1.53E-02
1.12E+02	-9.30E+01	-1.29E+00	-2.08E-02	-1.41E-02
1.12E+02	-9.30E+01	-1.24E+00	9.77E-03	-1.53E-02
1.12E+02	-9.30E+01	-1.15E+00	-2.20E-02	-2.21E-02
1.12E+02	-9.30E+01	-1.21E+00	-1.71E-02	-1.07E-02
1.12E+02	-9.30E+01	-1.21E+00	-1.22E-02	-7.70E-03
1.12E+02	-9.30E+01	-1.03E+00	-1.22E-02	-9.39E-03
1.12E+02	-9.30E+01	-1.46E+00	-1.95E-02	-1.24E-02
1.12E+02	-9.30E+01	-1.27E+00	-2.20E-02	-9.08E-04
1.12E+02	-9.30E+01	-9.97E-01	-2.93E-02	-1.11E-02
1.12E+02	-9.30E+01	-1.40E+00	-1.46E-02	-6.85E-03
1.12E+02	-9.30E+01	-1.03E+00	-2.44E-03	-7.70E-03
1.12E+02	-9.30E+01	-1.23E+00	-1.22E-02	2.91E-03
1.12E+02	-9.30E+01	-1.27E+00	-1.71E-02	-1.02E-02
1.12E+02	-9.30E+01	-9.97E-01	-1.22E-02	-1.96E-02
1.12E+02	-9.30E+01	-1.12E+00	-9.77E-03	-1.19E-02
1.12E+02	-9.30E+01	-1.09E+00	-2.20E-02	-7.27E-03
1.12E+02	-9.30E+01	-1.17E+00	-2.44E-02	-8.54E-03
1.12E+02	-9.30E+01	-1.40E+00	0.00E+00	-1.36E-02
1.12E+02	-9.30E+01	-1.24E+00	-2.20E-02	-1.15E-02
1.12E+02	-9.30E+01	-8.14E-01	-9.77E-03	-1.28E-02
1.12E+02	-9.30E+01	-1.49E+00	-9.77E-03	-1.07E-02
1.12E+02	-9.30E+01	-1.43E+00	-1.95E-02	-1.45E-02
1.12E+02	-9.30E+01	-1.55E+00	1.22E-03	-1.58E-02
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1.12E+02	-9.30E+01	-1.43E+00	1.59E-02	-1.79E-02
1.12E+02	-9.30E+01	-1.40E+00	0.00E+00	-2.04E-02
1.12E+02	-9.30E+01	-1.56E+00	0.00E+00	-2.08E-02
1.12E+02	-9.30E+01	-1.70E+00	0.00E+00	-2.55E-02
1.12E+02	-9.30E+01	-1.64E+00	-1.46E-02	-2.21E-02
1.12E+02	-9.30E+01	-1.46E+00	-1.46E-02	-2.47E-02
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1.12E+02	-9.30E+01	-1.43E+00	0.00E+00	-2.51E-02
1.12E+02	-9.30E+01	-1.61E+00	-7.32E-03	-3.91E-02
1.12E+02	-9.30E+01	-1.61E+00	-7.32E-03	-2.38E-02

1.12E+02	-9.30E+01	-1.55E+00	-9.77E-03	-1.79E-02
1.13E+02	-9.30E+01	-1.30E+00	9.77E-03	-2.04E-02
1.13E+02	-9.30E+01	-1.43E+00	3.66E-03	-1.28E-02
1.13E+02	-9.30E+01	-1.46E+00	-1.95E-02	-2.30E-02
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1.13E+02	-9.30E+01	-1.52E+00	-1.34E-02	-1.62E-02
1.13E+02	-9.30E+01	-1.30E+00	1.10E-02	-2.13E-02
1.13E+02	-9.30E+01	-1.61E+00	-7.32E-03	-9.39E-03
1.13E+02	-9.30E+01	-1.58E+00	-1.95E-02	-2.76E-02
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1.13E+02	-9.30E+01	-1.27E+00	0.00E+00	-2.30E-02
1.13E+02	-9.30E+01	-1.40E+00	1.22E-03	-2.13E-02
1.13E+02	-9.30E+01	-1.35E+00	9.77E-03	-2.68E-02
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1.13E+02	-9.30E+01	-1.49E+00	-1.71E-02	-2.81E-02
1.13E+02	-9.30E+01	-1.30E+00	-1.46E-02	-2.59E-02
1.13E+02	-9.30E+01	-1.61E+00	-1.95E-02	-3.44E-02
1.13E+02	-9.30E+01	-1.36E+00	-1.71E-02	-2.68E-02
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1.13E+02	-9.30E+01	-1.36E+00	-2.20E-02	-2.98E-02
1.13E+02	-9.30E+01	-1.64E+00	-4.88E-03	-2.51E-02
1.13E+02	-9.30E+01	-1.73E+00	-1.95E-02	-2.64E-02
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1.13E+02	-9.30E+01	-1.46E+00	1.22E-02	-2.30E-02
1.13E+02	-9.30E+01	-1.32E+00	0.00E+00	-1.87E-02
1.13E+02	-9.30E+01	-1.33E+00	-2.20E-02	-5.15E-03
1.13E+02	-9.30E+01	-1.41E+00	1.22E-03	-1.24E-02
1.13E+02	-9.30E+01	-1.30E+00	0.00E+00	-1.02E-02
1.13E+02	-9.30E+01	-1.03E+00	-6.10E-03	-1.45E-02
1.13E+02	-9.30E+01	-1.18E+00	-4.88E-03	-1.62E-02
1.13E+02	-9.30E+01	-1.30E+00	2.08E-02	-1.66E-02
1.13E+02	-9.30E+01	-1.24E+00	-4.88E-03	-1.96E-02
1.13E+02	-9.30E+01	-1.24E+00	1.22E-03	-1.19E-02
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1.13E+02	-9.30E+01	-1.27E+00	-3.78E-02	-1.83E-02

1.13E+02	-9.30E+01	-1.30E+00	-3.66E-02	-2.34E-02
1.13E+02	-9.30E+01	-1.24E+00	-2.93E-02	-1.45E-02
1.13E+02	-9.30E+01	-1.44E+00	-2.69E-02	-3.23E-02
1.13E+02	-9.30E+01	-1.61E+00	-4.64E-02	-2.13E-02
1.14E+02	-9.30E+01	-1.35E+00	-3.17E-02	-2.81E-02
1.14E+02	-9.30E+01	-1.50E+00	-1.46E-02	-3.31E-02
1.14E+02	-9.30E+01	-1.56E+00	-2.20E-02	-2.55E-02
1.14E+02	-9.30E+01	-1.47E+00	-1.10E-02	-2.89E-02
1.14E+02	-9.30E+01	-1.61E+00	-1.95E-02	-2.34E-02
1.14E+02	-9.30E+01	-1.49E+00	-9.77E-03	-2.55E-02
1.14E+02	-9.30E+01	-1.35E+00	-1.22E-02	-3.02E-02
1.14E+02	-9.30E+01	-1.55E+00	-7.32E-03	-3.31E-02
1.14E+02	-9.30E+01	-1.52E+00	-2.44E-03	-2.81E-02
1.14E+02	-9.30E+01	-1.46E+00	-2.44E-03	-1.32E-02
1.14E+02	-9.30E+01	-1.32E+00	1.95E-02	-2.89E-02
1.14E+02	-9.30E+01	-1.30E+00	1.71E-02	-1.62E-02
1.14E+02	-9.30E+01	-1.52E+00	4.88E-03	-3.19E-02
1.14E+02	-9.30E+01	-1.43E+00	-2.44E-03	-1.02E-02
1.14E+02	-9.30E+01	-1.33E+00	-2.44E-03	-7.70E-03
1.14E+02	-9.30E+01	-1.43E+00	-2.44E-03	-1.83E-02
1.14E+02	-9.30E+01	-1.52E+00	4.88E-03	-1.28E-02
1.14E+02	-9.30E+01	-1.43E+00	-1.22E-03	-1.62E-02
1.14E+02	-9.30E+01	-1.49E+00	-7.32E-03	-1.28E-02
1.14E+02	-9.30E+01	-1.23E+00	1.22E-03	-9.82E-03
1.14E+02	-9.30E+01	-1.27E+00	4.88E-03	-1.36E-02

Current File	O:\Projects\914220~1\Data\UNITED~1\Ody1060.csv
Original File	C:\Data\9142OdysseyLiftGate\Ody1060.dx3
File descrip	9142 Honda Odyssey LiftGate liftgate - Esser
Project ID:	Project ID
File ID:	File ID
Test Date:	########
Test Time:	30:46.0
Current Da	########
Current Tin	8:53:38
Number of	4
Number of	5760
Independe	0.02
Independe	0
Independe	Sec

Time	Angle	Force	LiftgateMo	StrutCalDisplacement
Sec	Degrees	lbs	volts	inches
0.00E+00	-9.30E+01	1.00E-01	-4.88E-03	2.91E-03
2.00E-02	-9.30E+01	1.00E-01	-7.32E-03	1.63E-03
4.00E-02	-9.30E+01	-6.79E-02	-4.88E-03	1.63E-03
6.00E-02	-9.30E+01	-1.14E-01	-1.22E-02	-6.85E-03
8.00E-02	-9.30E+01	-1.44E-01	-1.22E-02	-7.70E-03
1.00E-01	-9.30E+01	-2.05E-01	-1.22E-02	-6.85E-03
1.20E-01	-9.30E+01	-8.32E-02	-2.93E-02	-1.02E-02
1.40E-01	-9.30E+01	-8.32E-02	-3.05E-02	-1.19E-02
1.60E-01	-9.30E+01	-6.79E-02	-3.30E-02	-5.15E-03
1.80E-01	-9.30E+01	-1.14E-01	-4.15E-02	-9.12E-04
2.00E-01	-9.30E+01	2.23E-01	-2.69E-02	-7.70E-03
2.20E-01	-9.30E+01	3.45E-01	-1.71E-02	5.03E-03
2.40E-01	-9.30E+01	3.45E-01	-2.08E-02	2.07E-02
2.60E-01	-9.30E+01	1.31E-01	-3.66E-03	2.91E-03
2.80E-01	-9.30E+01	1.00E-01	7.32E-03	-7.70E-03
3.00E-01	-9.30E+01	2.39E-02	-2.44E-03	-6.85E-03
3.20E-01	-9.30E+01	1.00E-01	-1.95E-02	1.63E-03
3.40E-01	-9.30E+01	-2.20E-02	-1.22E-02	-3.88E-03
3.60E-01	-9.30E+01	-1.44E-01	-9.77E-03	-1.19E-02
3.80E-01	-9.30E+01	8.56E-03	-1.46E-02	-4.31E-03
4.00E-01	-9.30E+01	-5.26E-02	-2.56E-02	-8.12E-03
4.20E-01	-9.30E+01	-1.44E-01	-3.42E-02	-6.00E-03
4.40E-01	-9.30E+01	-6.79E-02	-3.05E-02	3.75E-03
4.60E-01	-9.30E+01	1.61E-01	-5.49E-02	7.57E-03
4.80E-01	-9.30E+01	1.16E-01	-3.42E-02	3.33E-03
5.00E-01	-9.30E+01	3.76E-01	-3.66E-02	-9.12E-04
5.20E-01	-9.30E+01	6.97E-02	-2.44E-02	-1.02E-02
5.40E-01	-9.30E+01	8.56E-03	-3.91E-02	-3.46E-03
5.60E-01	-9.30E+01	1.61E-01	-2.69E-02	4.60E-03
5.80E-01	-9.30E+01	1.61E-01	-2.32E-02	5.88E-03
6.00E-01	-9.30E+01	6.97E-02	-1.46E-02	9.69E-03

6.20E-01	-9.30E+01	3.14E-01	-1.22E-02	1.27E-02
6.40E-01	-9.30E+01	4.06E-01	-6.10E-03	5.88E-03
6.60E-01	-9.30E+01	1.77E-01	-1.22E-03	4.18E-03
6.80E-01	-9.30E+01	4.37E-01	1.22E-02	7.85E-04
7.00E-01	-9.30E+01	-2.20E-02	1.95E-02	1.63E-03
7.20E-01	-9.30E+01	5.44E-02	-1.95E-02	5.03E-03
7.40E-01	-9.30E+01	3.91E-02	4.88E-03	-6.85E-03
7.60E-01	-9.30E+01	-5.26E-02	7.32E-03	-3.46E-03
7.80E-01	-9.30E+01	-9.85E-02	-4.88E-03	6.72E-03
8.00E-01	-9.30E+01	-2.05E-01	-1.95E-02	-1.11E-02
8.20E-01	-9.30E+01	-2.36E-01	-3.30E-02	-1.70E-02
8.40E-01	-9.30E+01	-5.26E-02	-3.66E-02	-2.18E-03
8.60E-01	-9.30E+01	-2.20E-02	-3.17E-02	-7.70E-03
8.80E-01	-9.30E+01	-2.97E-01	-2.44E-02	3.61E-04
9.00E-01	-9.30E+01	1.46E-01	-2.69E-02	3.75E-03
9.20E-01	-9.30E+01	-6.73E-03	-3.66E-02	-5.15E-03
9.40E-01	-9.30E+01	2.39E-02	-2.81E-02	7.85E-04
9.60E-01	-9.30E+01	2.23E-01	-5.00E-02	1.27E-02
9.80E-01	-9.30E+01	1.31E-01	-3.42E-02	-4.31E-03
1.00E+00	-9.30E+01	1.92E-01	-3.42E-02	5.45E-03
1.02E+00	-9.30E+01	2.84E-01	-1.95E-02	-3.46E-03
1.04E+00	-9.30E+01	3.14E-01	-1.46E-02	4.18E-03
1.06E+00	-9.30E+01	1.92E-01	-9.77E-03	7.15E-03
1.08E+00	-9.30E+01	1.31E-01	-1.71E-02	5.03E-03
1.10E+00	-9.30E+01	8.50E-02	-1.22E-02	4.18E-03
1.12E+00	-9.30E+01	2.23E-01	-2.44E-03	7.57E-03
1.14E+00	-9.30E+01	3.45E-01	1.22E-02	2.06E-03
1.16E+00	-9.30E+01	-1.29E-01	3.17E-02	-1.19E-02
1.18E+00	-9.30E+01	-1.44E-01	0.00E+00	-4.73E-03
1.20E+00	-9.30E+01	6.97E-02	0.00E+00	7.85E-04
1.22E+00	-9.30E+01	-5.26E-02	-6.10E-03	-3.46E-03
1.24E+00	-9.30E+01	-5.26E-02	-7.32E-03	-1.19E-02
1.26E+00	-9.30E+01	-9.85E-02	-8.54E-03	-5.15E-03
1.28E+00	-9.30E+01	-2.05E-01	-2.32E-02	-6.00E-03
1.30E+00	-9.30E+01	-2.21E-01	-1.95E-02	-1.19E-02
1.32E+00	-9.30E+01	-1.44E-01	-2.69E-02	-9.82E-03
1.34E+00	-9.30E+01	-2.36E-01	-2.69E-02	-4.31E-03
1.36E+00	-9.30E+01	-1.44E-01	-2.32E-02	-4.31E-03
1.38E+00	-9.30E+01	-2.67E-01	-3.66E-03	-4.88E-04
1.40E+00	-9.30E+01	-1.75E-01	-1.95E-02	-6.85E-03
1.42E+00	-9.30E+01	-5.26E-02	-2.44E-02	-6.00E-03
1.44E+00	-9.30E+01	-1.75E-01	-3.17E-02	3.61E-04
1.46E+00	-9.30E+01	5.44E-02	-2.08E-02	-3.46E-03
1.48E+00	-9.30E+01	5.59E-01	-3.66E-03	5.03E-03
1.50E+00	-9.30E+01	1.00E-01	-4.88E-02	-5.15E-03
1.52E+00	-9.30E+01	-2.21E-01	-4.03E-02	-8.12E-03
1.54E+00	-9.30E+01	1.61E-01	-4.52E-02	7.85E-04

1.56E+00	-9.30E+01	2.07E-01	-3.30E-02	2.48E-03
1.58E+00	-9.30E+01	2.53E-01	-2.20E-02	1.22E-02
1.60E+00	-9.30E+01	2.53E-01	-2.20E-02	4.18E-03
1.62E+00	-9.30E+01	1.46E-01	-9.77E-03	8.00E-03
1.64E+00	-9.30E+01	4.37E-01	-2.44E-02	5.88E-03
1.66E+00	-9.30E+01	1.92E-01	-3.17E-02	7.15E-03
1.68E+00	-9.30E+01	2.84E-01	7.32E-03	1.18E-02
1.70E+00	-9.30E+01	2.53E-01	-1.46E-02	1.14E-02
1.72E+00	-9.30E+01	3.14E-01	-2.20E-02	6.72E-03
1.74E+00	-9.30E+01	1.31E-01	-7.32E-03	-2.61E-03
1.76E+00	-9.30E+01	2.07E-01	-1.95E-02	5.03E-03
1.78E+00	-9.30E+01	1.31E-01	-1.22E-02	5.03E-03
1.80E+00	-9.30E+01	2.99E-01	-9.77E-03	8.84E-03
1.82E+00	-9.30E+01	2.07E-01	-9.77E-03	5.03E-03
1.84E+00	-9.30E+01	6.97E-02	-2.20E-02	7.57E-03
1.86E+00	-9.30E+01	8.50E-02	-2.20E-02	5.45E-03
1.88E+00	-9.30E+01	1.92E-01	-1.46E-02	8.00E-03
1.90E+00	-9.30E+01	3.30E-01	-7.32E-03	8.42E-03
1.92E+00	-9.30E+01	3.91E-02	-1.22E-02	8.42E-03
1.94E+00	-9.30E+01	-5.26E-02	-3.42E-02	4.18E-03
1.96E+00	-9.30E+01	1.61E-01	-2.20E-02	1.63E-03
1.98E+00	-9.30E+01	5.28E-01	-2.44E-03	7.85E-04
2.00E+00	-9.30E+01	3.45E-01	-1.34E-02	1.78E-02
2.02E+00	-9.30E+01	1.00E-01	-1.71E-02	3.33E-03
2.04E+00	-9.30E+01	2.23E-01	-3.05E-02	5.03E-03
2.06E+00	-9.30E+01	2.23E-01	-3.66E-02	4.60E-03
2.08E+00	-9.30E+01	4.98E-01	-2.32E-02	3.33E-03
2.10E+00	-9.30E+01	2.38E-01	-2.20E-02	1.21E-03
2.12E+00	-9.30E+01	3.14E-01	-2.08E-02	-6.36E-05
2.14E+00	-9.30E+01	1.92E-01	-5.00E-02	4.60E-03
2.16E+00	-9.30E+01	1.61E-01	-2.93E-02	-1.34E-03
2.18E+00	-9.30E+01	1.16E-01	-2.69E-02	-9.40E-03
2.20E+00	-9.30E+01	8.56E-03	-2.56E-02	-6.00E-03
2.22E+00	-9.30E+01	-2.05E-01	-2.69E-02	-3.88E-03
2.24E+00	-9.30E+01	4.37E-01	-2.08E-02	-9.12E-04
2.26E+00	-9.30E+01	1.61E-01	-3.30E-02	-2.61E-03
2.28E+00	-9.30E+01	1.77E-01	-2.44E-02	-2.18E-03
2.30E+00	-9.30E+01	2.23E-01	-2.20E-02	-1.32E-02
2.32E+00	-9.30E+01	3.14E-01	-2.20E-02	4.18E-03
2.34E+00	-9.30E+01	3.45E-01	-1.71E-02	8.00E-03
2.36E+00	-9.30E+01	2.99E-01	-1.95E-02	5.03E-03
2.38E+00	-9.30E+01	4.83E-01	-1.71E-02	1.18E-02
2.40E+00	-9.30E+01	3.30E-01	-2.44E-02	1.44E-02
2.42E+00	-9.30E+01	1.31E-01	-2.44E-03	5.88E-03
2.44E+00	-9.30E+01	6.97E-02	1.22E-02	1.52E-02
2.46E+00	-9.30E+01	1.46E-01	-2.44E-03	4.18E-03
2.48E+00	-9.30E+01	2.07E-01	-8.54E-03	1.21E-03

2.50E+00	-9.30E+01	2.68E-01	-9.77E-03	1.18E-02
2.52E+00	-9.30E+01	8.50E-02	-2.44E-03	-9.12E-04
2.54E+00	-9.30E+01	1.00E-01	-4.88E-03	2.48E-03
2.56E+00	-9.30E+01	3.91E-02	4.88E-03	-8.55E-03
2.58E+00	-9.30E+01	1.00E-01	-3.66E-03	1.63E-03
2.60E+00	-9.30E+01	1.00E-01	-7.32E-03	9.27E-03
2.62E+00	-9.30E+01	1.92E-01	1.22E-02	4.18E-03
2.64E+00	-9.30E+01	-2.20E-02	6.10E-03	6.72E-03
2.66E+00	-9.30E+01	6.97E-02	-7.32E-03	1.63E-03
2.68E+00	-9.30E+01	2.39E-02	-1.95E-02	3.33E-03
2.70E+00	-9.30E+01	6.97E-02	4.88E-03	3.33E-03
2.72E+00	-9.30E+01	1.61E-01	-7.32E-03	4.18E-03
2.74E+00	-9.30E+01	3.91E-02	-4.88E-03	3.61E-04
2.76E+00	-9.30E+01	-2.20E-02	3.66E-03	-6.00E-03
2.78E+00	-9.30E+01	3.91E-02	-1.34E-02	-1.07E-02
2.80E+00	-9.30E+01	-2.36E-01	-2.08E-02	-1.76E-03
2.82E+00	-9.30E+01	-2.20E-02	-2.44E-03	-1.45E-02
2.84E+00	-9.30E+01	-9.85E-02	6.10E-03	-5.15E-03
2.86E+00	-9.30E+01	8.56E-03	9.77E-03	3.75E-03
2.88E+00	-9.30E+01	-1.14E-01	-1.71E-02	-8.12E-03
2.90E+00	-9.30E+01	-1.14E-01	-9.77E-03	-4.31E-03
2.92E+00	-9.30E+01	2.39E-02	0.00E+00	1.63E-03
2.94E+00	-9.30E+01	-5.26E-02	2.44E-03	-6.36E-05
2.96E+00	-9.30E+01	3.91E-02	-9.77E-03	-6.36E-05
2.98E+00	-9.30E+01	-5.26E-02	-6.10E-03	-2.61E-03
3.00E+00	-9.30E+01	1.77E-01	0.00E+00	-2.18E-03
3.02E+00	-9.30E+01	2.07E-01	-2.44E-03	2.06E-03
3.04E+00	-9.30E+01	-1.44E-01	7.32E-03	-4.31E-03
3.06E+00	-9.30E+01	3.91E-02	1.34E-02	-2.61E-03
3.08E+00	-9.30E+01	-1.14E-01	-1.10E-02	-1.02E-02
3.10E+00	-9.30E+01	1.00E-01	-1.34E-02	-1.76E-03
3.12E+00	-9.30E+01	3.91E-02	0.00E+00	-5.15E-03
3.14E+00	-9.30E+01	6.97E-02	4.88E-03	-3.03E-03
3.16E+00	-9.30E+01	1.92E-01	1.22E-03	-2.61E-03
3.18E+00	-9.30E+01	1.00E-01	-7.32E-03	1.63E-03
3.20E+00	-9.30E+01	2.99E-01	-6.10E-03	6.72E-03
3.22E+00	-9.30E+01	2.53E-01	6.10E-03	-4.31E-03
3.24E+00	-9.30E+01	1.31E-01	0.00E+00	5.03E-03
3.26E+00	-9.30E+01	-5.26E-02	-1.46E-02	5.88E-03
3.28E+00	-9.30E+01	-2.20E-02	-3.42E-02	8.42E-03
3.30E+00	-9.30E+01	3.14E-01	-9.77E-03	6.72E-03
3.32E+00	-9.30E+01	3.14E-01	2.20E-02	-4.31E-03
3.34E+00	-9.30E+01	1.61E-01	-1.22E-02	1.44E-02
3.36E+00	-9.30E+01	1.61E-01	-1.22E-02	4.18E-03
3.38E+00	-9.30E+01	2.39E-02	-1.59E-02	1.01E-02
3.40E+00	-9.30E+01	2.68E-01	-1.71E-02	3.33E-03
3.42E+00	-9.30E+01	4.52E-01	-6.10E-03	5.45E-03

3.44E+00	-9.30E+01	1.16E-01	-2.69E-02	1.21E-03
3.46E+00	-9.30E+01	1.61E-01	-3.91E-02	-6.36E-05
3.48E+00	-9.30E+01	1.61E-01	-3.17E-02	-1.76E-03
3.50E+00	-9.30E+01	1.00E-01	-2.56E-02	-6.85E-03
3.52E+00	-9.30E+01	-9.85E-02	-3.17E-02	-4.31E-03
3.54E+00	-9.30E+01	-2.20E-02	-1.22E-03	-3.03E-03
3.56E+00	-9.30E+01	-1.14E-01	-2.69E-02	-2.21E-02
3.58E+00	-9.30E+01	-3.73E-02	-7.32E-03	-4.31E-03
3.60E+00	-9.30E+01	-2.51E-01	-1.46E-02	-6.00E-03
3.62E+00	-9.30E+01	3.91E-02	-1.46E-02	-6.36E-05
3.64E+00	-9.30E+01	2.84E-01	1.22E-02	-2.18E-03
3.66E+00	-9.30E+01	3.91E-02	1.83E-02	3.61E-04
3.68E+00	-9.30E+01	-2.20E-02	-1.22E-02	-6.36E-05
3.70E+00	-9.30E+01	3.91E-02	2.44E-03	6.72E-03
3.72E+00	-9.30E+01	1.92E-01	-6.10E-03	7.15E-03
3.74E+00	-9.30E+01	6.97E-02	-2.44E-03	1.63E-03
3.76E+00	-9.30E+01	1.61E-01	-2.44E-02	1.10E-02
3.78E+00	-9.30E+01	1.92E-01	-1.22E-02	-1.76E-03
3.80E+00	-9.30E+01	4.37E-01	-1.34E-02	5.88E-03
3.82E+00	-9.30E+01	2.39E-02	-2.20E-02	-9.12E-04
3.84E+00	-9.30E+01	1.92E-01	-2.69E-02	2.48E-03
3.86E+00	-9.30E+01	3.30E-01	-3.66E-02	1.63E-03
3.88E+00	-9.30E+01	1.46E-01	-2.93E-02	-1.28E-02
3.90E+00	-9.30E+01	2.23E-01	-2.08E-02	-2.61E-03
3.92E+00	-9.30E+01	2.84E-01	-2.44E-02	-1.28E-02
3.94E+00	-9.30E+01	-1.44E-01	-5.13E-02	-3.03E-03
3.96E+00	-9.30E+01	1.61E-01	-3.78E-02	-5.15E-03
3.98E+00	-9.30E+01	-3.73E-02	-3.54E-02	6.30E-03
4.00E+00	-9.30E+01	-8.32E-02	-2.32E-02	-3.88E-03
4.02E+00	-9.30E+01	-1.75E-01	-2.20E-02	-1.15E-02
4.04E+00	-9.30E+01	-3.13E-01	-2.20E-02	-3.46E-03
4.06E+00	-9.30E+01	-8.32E-02	-7.32E-03	4.18E-03
4.08E+00	-9.30E+01	-2.20E-02	-7.32E-03	-7.70E-03
4.10E+00	-9.30E+01	-1.29E-01	-2.20E-02	-1.79E-02
4.12E+00	-9.30E+01	6.97E-02	-9.77E-03	-4.88E-04
4.14E+00	-9.30E+01	2.39E-02	2.44E-03	6.72E-03
4.16E+00	-9.30E+01	8.50E-02	9.77E-03	7.85E-04
4.18E+00	-9.30E+01	1.92E-01	-6.10E-03	1.94E-02
4.20E+00	-9.30E+01	2.38E-01	-2.20E-02	9.27E-03
4.22E+00	-9.30E+01	4.06E-01	-1.22E-02	1.31E-02
4.24E+00	-9.30E+01	6.97E-02	-2.56E-02	9.27E-03
4.26E+00	-9.30E+01	2.99E-01	-1.10E-02	3.33E-03
4.28E+00	-9.30E+01	2.53E-01	-7.32E-03	7.85E-04
4.30E+00	-9.30E+01	4.37E-01	-2.20E-02	1.01E-02
4.32E+00	-9.30E+01	2.23E-01	-2.56E-02	4.18E-03
4.34E+00	-9.30E+01	-2.97E-01	-1.71E-02	-3.88E-03
4.36E+00	-9.30E+01	8.50E-02	-3.42E-02	4.60E-03

4.38E+00	-9.30E+01	1.31E-01	-1.95E-02	-1.45E-02
4.40E+00	-9.30E+01	-5.26E-02	-2.69E-02	-6.43E-03
4.42E+00	-9.30E+01	-1.14E-01	-1.46E-02	-1.11E-02
4.44E+00	-9.30E+01	1.61E-01	-2.81E-02	-1.36E-02
4.46E+00	-9.30E+01	-5.26E-02	1.22E-03	-1.45E-02
4.48E+00	-9.30E+01	-1.44E-01	2.44E-03	-6.43E-03
4.50E+00	-9.30E+01	-8.32E-02	-1.71E-02	-2.04E-02
4.52E+00	-9.30E+01	-2.51E-01	-1.34E-02	-8.97E-03
4.54E+00	-9.30E+01	-5.26E-02	-1.83E-02	-2.61E-03
4.56E+00	-9.30E+01	-1.29E-01	-2.69E-02	7.85E-04
4.58E+00	-9.30E+01	-5.26E-02	2.44E-03	9.27E-03
4.60E+00	-9.30E+01	-8.32E-02	-1.46E-02	-3.46E-03
4.62E+00	-9.30E+01	3.76E-01	-4.88E-03	-3.03E-03
4.64E+00	-9.30E+01	1.61E-01	-7.32E-03	4.18E-03
4.66E+00	-9.30E+01	1.00E-01	2.81E-02	2.48E-03
4.68E+00	-9.30E+01	1.00E-01	-1.22E-02	6.30E-03
4.70E+00	-9.30E+01	-8.32E-02	-1.46E-02	1.63E-03
4.72E+00	-9.30E+01	1.00E-01	-1.34E-02	1.90E-02
4.74E+00	-9.30E+01	2.53E-01	-6.10E-03	8.42E-03
4.76E+00	-9.30E+01	1.92E-01	0.00E+00	-1.76E-03
4.78E+00	-9.30E+01	2.23E-01	7.32E-03	-6.00E-03
4.80E+00	-9.30E+01	8.56E-03	-3.66E-03	1.22E-02
4.82E+00	-9.30E+01	1.00E-01	-1.46E-02	4.18E-03
4.84E+00	-9.30E+01	4.67E-01	-2.44E-03	1.01E-02
4.86E+00	-9.30E+01	1.46E-01	-4.88E-03	5.03E-03
4.88E+00	-9.30E+01	8.56E-03	-1.10E-02	5.03E-03
4.90E+00	-9.30E+01	1.77E-01	-1.83E-02	5.88E-03
4.92E+00	-9.30E+01	1.61E-01	-1.22E-02	1.01E-02
4.94E+00	-9.30E+01	8.50E-02	-1.71E-02	1.14E-02
4.96E+00	-9.30E+01	5.59E-01	-1.22E-02	3.75E-03
4.98E+00	-9.30E+01	1.00E-01	-2.56E-02	9.27E-03
5.00E+00	-9.30E+01	3.76E-01	-5.62E-02	7.85E-04
5.02E+00	-9.30E+01	3.76E-01	-1.95E-02	-9.12E-04
5.04E+00	-9.30E+01	1.00E-01	-1.46E-02	-1.76E-03
5.06E+00	-9.30E+01	1.00E-01	-3.42E-02	4.18E-03
5.08E+00	-9.30E+01	5.44E-02	-1.46E-02	3.33E-03
5.10E+00	-9.30E+01	1.31E-01	-2.81E-02	5.03E-03
5.12E+00	-9.30E+01	1.16E-01	-2.69E-02	-1.87E-02
5.14E+00	-9.30E+01	-1.44E-01	-2.20E-02	-1.02E-02
5.16E+00	-9.30E+01	-1.90E-01	-2.93E-02	-9.12E-04
5.18E+00	-9.30E+01	6.97E-02	-2.69E-02	-4.31E-03
5.20E+00	-9.30E+01	-5.26E-02	-1.46E-02	-1.53E-02
5.22E+00	-9.30E+01	-1.75E-01	-1.71E-02	-7.70E-03
5.24E+00	-9.30E+01	1.92E-01	-7.32E-03	-1.11E-02
5.26E+00	-9.30E+01	5.44E-02	-4.88E-03	-2.61E-03
5.28E+00	-9.30E+01	-2.36E-01	0.00E+00	-2.61E-03
5.30E+00	-9.30E+01	-3.73E-02	-4.88E-03	-1.19E-02

5.32E+00	-9.30E+01	-3.73E-02	-9.77E-03	5.03E-03
5.34E+00	-9.30E+01	2.07E-01	-4.88E-03	6.72E-03
5.36E+00	-9.30E+01	3.30E-01	1.59E-02	4.18E-03
5.38E+00	-9.30E+01	-6.73E-03	0.00E+00	7.85E-04
5.40E+00	-9.30E+01	6.97E-02	-1.46E-02	8.42E-03
5.42E+00	-9.30E+01	3.14E-01	-1.34E-02	1.27E-02
5.44E+00	-9.30E+01	1.92E-01	-1.95E-02	7.15E-03
5.46E+00	-9.30E+01	-1.14E-01	-1.95E-02	-9.12E-04
5.48E+00	-9.30E+01	1.46E-01	-6.96E-02	-4.73E-03
5.50E+00	-9.30E+01	3.60E-01	-2.93E-02	-2.61E-03
5.52E+00	-9.30E+01	2.23E-01	-1.83E-02	-1.02E-02
5.54E+00	-9.30E+01	8.56E-03	-2.20E-02	-1.28E-02
5.56E+00	-9.30E+01	-8.32E-02	-2.81E-02	-3.46E-03
5.58E+00	-9.30E+01	6.97E-02	2.44E-03	-3.03E-03
5.60E+00	-9.30E+01	1.00E-01	-2.44E-03	5.88E-03
5.62E+00	-9.30E+01	2.53E-01	0.00E+00	-7.70E-03
5.64E+00	-9.30E+01	4.52E-01	-2.44E-03	3.75E-03
5.66E+00	-9.30E+01	8.49E-01	-1.71E-02	6.72E-03
5.68E+00	-9.30E+01	8.65E-01	1.22E-03	7.85E-04
5.70E+00	-9.30E+01	8.49E-01	0.00E+00	5.03E-03
5.72E+00	-9.30E+01	1.19E+00	-2.20E-02	3.33E-03
5.74E+00	-9.30E+01	2.35E+00	-1.22E-02	1.10E-02
5.76E+00	-9.30E+01	2.42E+00	-4.88E-03	7.85E-04
5.78E+00	-9.30E+01	2.50E+00	-1.83E-02	-6.85E-03
5.80E+00	-9.30E+01	2.58E+00	-2.44E-02	-3.03E-03
5.82E+00	-9.30E+01	2.33E+00	-3.30E-02	-1.02E-02
5.84E+00	-9.30E+01	2.41E+00	-2.69E-02	-6.85E-03
5.86E+00	-9.30E+01	2.64E+00	-1.95E-02	-1.45E-02
5.88E+00	-9.30E+01	3.04E+00	-3.17E-02	-1.79E-02
5.90E+00	-9.30E+01	3.34E+00	-1.22E-03	-2.85E-02
5.92E+00	-9.30E+01	3.53E+00	0.00E+00	-3.91E-02
5.94E+00	-9.30E+01	3.31E+00	-2.44E-02	-3.32E-02
5.96E+00	-9.30E+01	4.90E+00	-1.22E-02	-2.64E-02
5.98E+00	-9.30E+01	1.40E+01	-2.20E-02	-3.99E-02
6.00E+00	-9.30E+01	3.11E+01	4.88E-03	-4.16E-02
6.02E+00	-9.30E+01	5.20E+01	1.46E-02	-5.10E-02
6.04E+00	-9.30E+01	7.37E+01	-4.88E-03	-5.27E-02
6.06E+00	-9.30E+01	9.55E+01	4.88E-03	-6.37E-02
6.08E+00	-9.30E+01	1.17E+02	4.88E-03	-6.07E-02
6.10E+00	-9.30E+01	1.40E+02	0.00E+00	-7.09E-02
6.12E+00	-9.30E+01	1.65E+02	2.44E-03	-7.47E-02
6.14E+00	-9.30E+01	1.90E+02	-1.22E-02	-8.32E-02
6.16E+00	-9.30E+01	2.01E+02	2.20E-02	-9.25E-02
6.18E+00	-9.30E+01	1.98E+02	-2.44E-03	-8.07E-02
6.20E+00	-9.30E+01	2.00E+02	-1.95E-02	-9.51E-02
6.22E+00	-9.30E+01	2.01E+02	-2.08E-02	-9.59E-02
6.24E+00	-9.30E+01	2.02E+02	9.77E-03	-1.01E-01

6.26E+00	-9.30E+01	2.04E+02	-4.88E-03	-1.08E-01
6.28E+00	-9.30E+01	2.04E+02	-7.32E-03	-1.09E-01
6.30E+00	-9.30E+01	2.04E+02	-1.46E-02	-1.22E-01
6.32E+00	-9.30E+01	2.05E+02	-2.69E-02	-1.22E-01
6.34E+00	-9.30E+01	2.06E+02	-2.44E-02	-1.26E-01
6.36E+00	-9.30E+01	2.06E+02	-1.83E-02	-1.25E-01
6.38E+00	-9.30E+01	2.07E+02	-2.81E-02	-1.43E-01
6.40E+00	-9.30E+01	2.08E+02	-2.32E-02	-1.46E-01
6.42E+00	-9.30E+01	2.08E+02	-3.91E-02	-1.54E-01
6.44E+00	-9.30E+01	2.09E+02	-1.22E-02	-1.60E-01
6.46E+00	-9.30E+01	2.10E+02	-3.42E-02	-1.63E-01
6.48E+00	-9.30E+01	2.10E+02	-2.20E-02	-1.81E-01
6.50E+00	-9.30E+01	2.12E+02	-4.15E-02	-1.82E-01
6.52E+00	-9.30E+01	2.12E+02	-3.42E-02	-1.91E-01
6.54E+00	-9.30E+01	2.12E+02	-2.81E-02	-1.78E-01
6.56E+00	-9.30E+01	2.13E+02	-2.56E-02	-2.01E-01
6.58E+00	-9.30E+01	2.13E+02	-1.71E-02	-2.11E-01
6.60E+00	-9.30E+01	2.14E+02	-3.91E-02	-2.16E-01
6.62E+00	-9.30E+01	2.14E+02	-3.17E-02	-2.24E-01
6.64E+00	-9.30E+01	2.14E+02	-2.93E-02	-2.37E-01
6.66E+00	-9.30E+01	2.13E+02	-2.32E-02	-2.46E-01
6.68E+00	-9.30E+01	2.14E+02	-3.42E-02	-2.49E-01
6.70E+00	-9.30E+01	2.14E+02	-2.08E-02	-2.58E-01
6.72E+00	-9.30E+01	2.14E+02	-1.95E-02	-2.64E-01
6.74E+00	-9.30E+01	2.13E+02	-3.66E-02	-2.73E-01
6.76E+00	-9.30E+01	2.14E+02	-2.44E-02	-2.79E-01
6.78E+00	-9.30E+01	2.13E+02	-1.95E-02	-2.85E-01
6.80E+00	-9.30E+01	2.13E+02	-2.20E-02	-2.92E-01
6.82E+00	-9.30E+01	2.13E+02	-2.44E-03	-2.95E-01
6.84E+00	-9.30E+01	2.12E+02	-2.44E-03	-3.05E-01
6.86E+00	-9.30E+01	2.12E+02	-9.77E-03	-3.07E-01
6.88E+00	-9.30E+01	2.11E+02	-1.22E-02	-3.15E-01
6.90E+00	-9.30E+01	2.11E+02	2.44E-03	-3.24E-01
6.92E+00	-9.30E+01	2.11E+02	1.83E-02	-3.25E-01
6.94E+00	-9.30E+01	2.10E+02	-7.32E-03	-3.32E-01
6.96E+00	-9.30E+01	2.10E+02	-8.54E-03	-3.28E-01
6.98E+00	-9.30E+01	2.09E+02	-7.32E-03	-3.37E-01
7.00E+00	-9.30E+01	2.09E+02	6.10E-03	-3.51E-01
7.02E+00	-9.30E+01	2.09E+02	-7.32E-03	-3.55E-01
7.04E+00	-9.30E+01	2.09E+02	-2.44E-03	-3.59E-01
7.06E+00	-9.30E+01	2.08E+02	-2.44E-03	-3.62E-01
7.08E+00	-9.30E+01	2.07E+02	-4.88E-03	-3.78E-01
7.10E+00	-9.30E+01	2.07E+02	-7.32E-03	-3.76E-01
7.12E+00	-9.30E+01	2.07E+02	-4.88E-03	-3.88E-01
7.14E+00	-9.30E+01	2.06E+02	-1.95E-02	-3.89E-01
7.16E+00	-9.30E+01	2.06E+02	-1.71E-02	-3.92E-01
7.18E+00	-9.30E+01	2.06E+02	-1.59E-02	-4.03E-01

7.20E+00	-9.30E+01	2.05E+02	-1.22E-02	-4.14E-01
7.22E+00	-9.30E+01	2.04E+02	-2.56E-02	-4.25E-01
7.24E+00	-9.30E+01	2.04E+02	-2.93E-02	-4.22E-01
7.26E+00	-9.30E+01	2.04E+02	-1.71E-02	-4.37E-01
7.28E+00	-9.30E+01	2.03E+02	-2.20E-02	-4.36E-01
7.30E+00	-9.30E+01	2.02E+02	-2.32E-02	-4.45E-01
7.32E+00	-9.30E+01	2.02E+02	-4.64E-02	-4.59E-01
7.34E+00	-9.30E+01	2.01E+02	-2.93E-02	-4.56E-01
7.36E+00	-9.30E+01	2.01E+02	-9.77E-03	-4.51E-01
7.38E+00	-9.30E+01	2.00E+02	-2.44E-02	-4.75E-01
7.40E+00	-9.30E+01	1.99E+02	-2.93E-02	-4.87E-01
7.42E+00	-9.30E+01	1.99E+02	-3.54E-02	-4.84E-01
7.44E+00	-9.30E+01	1.98E+02	-3.66E-02	-5.00E-01
7.46E+00	-9.30E+01	1.98E+02	-2.56E-02	-5.06E-01
7.48E+00	-9.30E+01	1.98E+02	-1.22E-02	-5.14E-01
7.50E+00	-9.30E+01	1.97E+02	-5.13E-02	-5.21E-01
7.52E+00	-9.30E+01	1.97E+02	-2.93E-02	-5.26E-01
7.54E+00	-9.30E+01	1.97E+02	-3.17E-02	-5.33E-01
7.56E+00	-9.30E+01	1.96E+02	-2.44E-02	-5.49E-01
7.58E+00	-9.30E+01	1.96E+02	-2.56E-02	-5.54E-01
7.60E+00	-9.30E+01	1.96E+02	-4.76E-02	-5.54E-01
7.62E+00	-9.30E+01	1.96E+02	-3.91E-02	-5.51E-01
7.64E+00	-9.30E+01	1.95E+02	-2.69E-02	-5.57E-01
7.66E+00	-9.30E+01	1.95E+02	-3.17E-02	-5.67E-01
7.68E+00	-9.30E+01	1.95E+02	-3.66E-02	-5.76E-01
7.70E+00	-9.30E+01	1.95E+02	-3.42E-02	-5.84E-01
7.72E+00	-9.30E+01	1.94E+02	-3.66E-02	-5.90E-01
7.74E+00	-9.30E+01	1.94E+02	-2.44E-03	-5.97E-01
7.76E+00	-9.30E+01	1.94E+02	-1.95E-02	-6.18E-01
7.78E+00	-9.30E+01	1.93E+02	-1.22E-02	-6.24E-01
7.80E+00	-9.30E+01	1.94E+02	-3.17E-02	-6.20E-01
7.82E+00	-9.30E+01	1.93E+02	-2.69E-02	-6.19E-01
7.84E+00	-9.30E+01	1.93E+02	-1.10E-02	-6.40E-01
7.86E+00	-9.30E+01	1.93E+02	-1.59E-02	-6.58E-01
7.88E+00	-9.30E+01	1.93E+02	-4.88E-03	-6.46E-01
7.90E+00	-9.30E+01	1.93E+02	-2.44E-03	-6.45E-01
7.92E+00	-9.30E+01	1.93E+02	0.00E+00	-6.61E-01
7.94E+00	-9.30E+01	1.93E+02	-7.32E-03	-6.64E-01
7.96E+00	-9.30E+01	1.93E+02	-2.08E-02	-6.64E-01
7.98E+00	-9.30E+01	1.92E+02	-2.44E-02	-6.68E-01
8.00E+00	-9.30E+01	1.93E+02	-1.10E-02	-6.75E-01
8.02E+00	-9.30E+01	1.93E+02	-2.20E-02	-6.85E-01
8.04E+00	-9.30E+01	1.92E+02	-4.15E-02	-6.96E-01
8.06E+00	-9.30E+01	1.93E+02	-1.59E-02	-6.97E-01
8.08E+00	-9.30E+01	1.93E+02	-2.93E-02	-7.07E-01
8.10E+00	-9.30E+01	1.93E+02	-4.03E-02	-7.20E-01
8.12E+00	-9.30E+01	1.93E+02	-4.03E-02	-7.20E-01

8.14E+00	-9.30E+01	1.92E+02	-2.93E-02	-7.34E-01
8.16E+00	-9.30E+01	1.92E+02	-3.17E-02	-7.48E-01
8.18E+00	-9.30E+01	1.92E+02	-1.95E-02	-7.64E-01
8.20E+00	-9.30E+01	1.92E+02	-2.81E-02	-7.59E-01
8.22E+00	-9.30E+01	1.92E+02	-2.44E-02	-7.68E-01
8.24E+00	-9.30E+01	1.92E+02	-2.08E-02	-7.70E-01
8.26E+00	-9.30E+01	1.92E+02	-1.22E-02	-7.65E-01
8.28E+00	-9.30E+01	1.92E+02	-8.54E-03	-7.87E-01
8.30E+00	-9.30E+01	1.92E+02	-7.32E-03	-7.83E-01
8.32E+00	-9.30E+01	1.92E+02	-1.46E-02	-7.95E-01
8.34E+00	-9.30E+01	1.92E+02	4.88E-03	-8.03E-01
8.36E+00	-9.30E+01	1.92E+02	4.88E-03	-8.13E-01
8.38E+00	-9.30E+01	1.92E+02	-1.10E-02	-8.14E-01
8.40E+00	-9.30E+01	1.93E+02	-7.32E-03	-8.17E-01
8.42E+00	-9.30E+01	1.92E+02	1.46E-02	-8.32E-01
8.44E+00	-9.30E+01	1.92E+02	-2.44E-03	-8.34E-01
8.46E+00	-9.30E+01	1.93E+02	-9.77E-03	-8.35E-01
8.48E+00	-9.30E+01	1.92E+02	-6.10E-03	-8.44E-01
8.50E+00	-9.30E+01	1.93E+02	1.59E-02	-8.47E-01
8.52E+00	-9.30E+01	1.93E+02	-2.44E-03	-8.56E-01
8.54E+00	-9.30E+01	1.93E+02	4.88E-03	-8.68E-01
8.56E+00	-9.30E+01	1.93E+02	8.54E-03	-8.70E-01
8.58E+00	-9.30E+01	1.93E+02	-1.22E-02	-8.82E-01
8.60E+00	-9.30E+01	1.93E+02	-1.83E-02	-8.79E-01
8.62E+00	-9.30E+01	1.93E+02	-2.44E-03	-8.95E-01
8.64E+00	-9.30E+01	1.93E+02	-1.95E-02	-8.97E-01
8.66E+00	-9.30E+01	1.93E+02	-3.42E-02	-9.02E-01
8.68E+00	-9.30E+01	1.93E+02	-3.66E-02	-9.03E-01
8.70E+00	-9.30E+01	1.93E+02	-2.44E-02	-9.23E-01
8.72E+00	-9.30E+01	1.93E+02	-4.15E-02	-9.21E-01
8.74E+00	-9.30E+01	1.93E+02	-1.46E-02	-9.44E-01
8.76E+00	-9.30E+01	1.93E+02	-2.44E-02	-9.36E-01
8.78E+00	-9.30E+01	1.93E+02	-1.71E-02	-9.47E-01
8.80E+00	-9.30E+01	1.94E+02	-2.93E-02	-9.66E-01
8.82E+00	-9.30E+01	1.93E+02	-1.10E-02	-9.58E-01
8.84E+00	-9.30E+01	1.93E+02	-1.22E-02	-9.75E-01
8.86E+00	-9.30E+01	1.93E+02	2.44E-03	-9.75E-01
8.88E+00	-9.30E+01	1.93E+02	4.88E-03	-9.87E-01
8.90E+00	-9.30E+01	1.93E+02	-6.10E-03	-9.89E-01
8.92E+00	-9.30E+01	1.93E+02	-2.44E-03	-9.94E-01
8.94E+00	-9.30E+01	1.93E+02	6.10E-03	-9.94E-01
8.96E+00	-9.30E+01	1.94E+02	-4.88E-03	-1.01E+00
8.98E+00	-9.30E+01	1.94E+02	-1.71E-02	-1.01E+00
9.00E+00	-9.30E+01	1.94E+02	-1.34E-02	-1.02E+00
9.02E+00	-9.30E+01	1.94E+02	-8.54E-03	-1.02E+00
9.04E+00	-9.30E+01	1.94E+02	-1.71E-02	-1.04E+00
9.06E+00	-9.30E+01	1.94E+02	-2.20E-02	-1.04E+00

9.08E+00	-9.30E+01	1.94E+02	-2.44E-02	-1.06E+00
9.10E+00	-9.30E+01	1.94E+02	-2.20E-02	-1.05E+00
9.12E+00	-9.30E+01	1.94E+02	-3.17E-02	-1.07E+00
9.14E+00	-9.30E+01	1.94E+02	-5.86E-02	-1.06E+00
9.16E+00	-9.30E+01	1.94E+02	-2.32E-02	-1.08E+00
9.18E+00	-9.30E+01	1.94E+02	-2.20E-02	-1.09E+00
9.20E+00	-9.30E+01	1.94E+02	-2.20E-02	-1.10E+00
9.22E+00	-9.30E+01	1.95E+02	-1.71E-02	-1.10E+00
9.24E+00	-9.30E+01	1.95E+02	-2.44E-02	-1.11E+00
9.26E+00	-9.30E+01	1.95E+02	-1.10E-02	-1.11E+00
9.28E+00	-9.30E+01	1.94E+02	-8.54E-03	-1.13E+00
9.30E+00	-9.30E+01	1.95E+02	-1.34E-02	-1.13E+00
9.32E+00	-9.30E+01	1.95E+02	-1.95E-02	-1.13E+00
9.34E+00	-9.30E+01	1.95E+02	2.44E-03	-1.14E+00
9.36E+00	-9.30E+01	1.95E+02	0.00E+00	-1.14E+00
9.38E+00	-9.30E+01	1.96E+02	-3.42E-02	-1.15E+00
9.40E+00	-9.30E+01	1.96E+02	-4.88E-03	-1.14E+00
9.42E+00	-9.30E+01	1.96E+02	-1.95E-02	-1.16E+00
9.44E+00	-9.30E+01	1.96E+02	-4.88E-03	-1.17E+00
9.46E+00	-9.30E+01	1.96E+02	-2.08E-02	-1.18E+00
9.48E+00	-9.30E+01	1.96E+02	-2.69E-02	-1.18E+00
9.50E+00	-9.30E+01	1.96E+02	-1.34E-02	-1.19E+00
9.52E+00	-9.30E+01	1.96E+02	-8.54E-03	-1.20E+00
9.54E+00	-9.30E+01	1.96E+02	-3.66E-02	-1.20E+00
9.56E+00	-9.30E+01	1.96E+02	-5.62E-02	-1.22E+00
9.58E+00	-9.30E+01	1.96E+02	-2.44E-02	-1.22E+00
9.60E+00	-9.30E+01	1.96E+02	-2.93E-02	-1.24E+00
9.62E+00	-9.30E+01	1.96E+02	-3.54E-02	-1.24E+00
9.64E+00	-9.30E+01	1.96E+02	-3.66E-02	-1.26E+00
9.66E+00	-9.30E+01	1.97E+02	-1.71E-02	-1.25E+00
9.68E+00	-9.30E+01	1.97E+02	-4.88E-03	-1.26E+00
9.70E+00	-9.30E+01	1.97E+02	-1.83E-02	-1.27E+00
9.72E+00	-9.30E+01	1.97E+02	-7.32E-03	-1.27E+00
9.74E+00	-9.30E+01	1.97E+02	2.44E-03	-1.27E+00
9.76E+00	-9.30E+01	1.97E+02	1.22E-02	-1.28E+00
9.78E+00	-9.30E+01	1.97E+02	-1.83E-02	-1.28E+00
9.80E+00	-9.30E+01	1.98E+02	-1.71E-02	-1.28E+00
9.82E+00	-9.30E+01	1.98E+02	-1.46E-02	-1.29E+00
9.84E+00	-9.30E+01	1.98E+02	-1.59E-02	-1.31E+00
9.86E+00	-9.30E+01	1.98E+02	-3.42E-02	-1.33E+00
9.88E+00	-9.30E+01	1.98E+02	-4.76E-02	-1.32E+00
9.90E+00	-9.30E+01	1.97E+02	-3.17E-02	-1.33E+00
9.92E+00	-9.30E+01	1.98E+02	-3.42E-02	-1.34E+00
9.94E+00	-9.30E+01	1.98E+02	-2.32E-02	-1.35E+00
9.96E+00	-9.30E+01	1.98E+02	-1.22E-02	-1.36E+00
9.98E+00	-9.30E+01	1.98E+02	3.66E-03	-1.36E+00
1.00E+01	-9.30E+01	1.98E+02	-9.77E-03	-1.37E+00

1.00E+01	-9.30E+01	1.98E+02	-1.34E-02	-1.38E+00
1.00E+01	-9.30E+01	1.98E+02	-4.88E-03	-1.37E+00
1.01E+01	-9.30E+01	1.99E+02	-3.66E-03	-1.39E+00
1.01E+01	-9.30E+01	1.99E+02	4.88E-03	-1.39E+00
1.01E+01	-9.30E+01	1.99E+02	-1.22E-02	-1.41E+00
1.01E+01	-9.30E+01	1.99E+02	-6.10E-03	-1.40E+00
1.01E+01	-9.30E+01	1.99E+02	-4.88E-03	-1.40E+00
1.02E+01	-9.30E+01	1.99E+02	-1.22E-02	-1.41E+00
1.02E+01	-9.30E+01	1.99E+02	-4.88E-03	-1.42E+00
1.02E+01	-9.30E+01	2.00E+02	-1.46E-02	-1.43E+00
1.02E+01	-9.30E+01	2.00E+02	-7.32E-03	-1.43E+00
1.02E+01	-9.30E+01	2.00E+02	-1.46E-02	-1.44E+00
1.03E+01	-9.30E+01	2.00E+02	-2.56E-02	-1.45E+00
1.03E+01	-9.30E+01	2.00E+02	-3.91E-02	-1.46E+00
1.03E+01	-9.30E+01	2.00E+02	-4.76E-02	-1.47E+00
1.03E+01	-9.30E+01	2.00E+02	-2.56E-02	-1.48E+00
1.03E+01	-9.30E+01	1.99E+02	-2.20E-02	-1.49E+00
1.04E+01	-9.30E+01	2.00E+02	-4.15E-02	-1.49E+00
1.04E+01	-9.30E+01	2.00E+02	-3.05E-02	-1.50E+00
1.04E+01	-9.30E+01	2.00E+02	-1.22E-02	-1.51E+00
1.04E+01	-9.30E+01	2.00E+02	-2.81E-02	-1.52E+00
1.04E+01	-9.30E+01	2.00E+02	-3.91E-02	-1.52E+00
1.05E+01	-9.30E+01	2.00E+02	-2.20E-02	-1.52E+00
1.05E+01	-9.30E+01	2.00E+02	-1.46E-02	-1.53E+00
1.05E+01	-9.30E+01	2.00E+02	3.66E-03	-1.54E+00
1.05E+01	-9.30E+01	2.00E+02	2.81E-02	-1.54E+00
1.05E+01	-9.30E+01	2.00E+02	-4.88E-03	-1.54E+00
1.06E+01	-9.30E+01	2.00E+02	3.66E-03	-1.55E+00
1.06E+01	-9.30E+01	2.00E+02	-3.66E-03	-1.56E+00
1.06E+01	-9.30E+01	2.00E+02	-2.44E-02	-1.56E+00
1.06E+01	-9.30E+01	2.00E+02	1.34E-02	-1.56E+00
1.06E+01	-9.30E+01	2.00E+02	-1.83E-02	-1.57E+00
1.07E+01	-9.30E+01	2.00E+02	-2.44E-02	-1.59E+00
1.07E+01	-9.30E+01	2.00E+02	-2.93E-02	-1.59E+00
1.07E+01	-9.30E+01	2.00E+02	-4.39E-02	-1.62E+00
1.07E+01	-9.30E+01	2.00E+02	-2.69E-02	-1.61E+00
1.07E+01	-9.30E+01	2.00E+02	-2.69E-02	-1.63E+00
1.08E+01	-9.30E+01	2.00E+02	-5.62E-02	-1.63E+00
1.08E+01	-9.30E+01	2.01E+02	-1.46E-02	-1.63E+00
1.08E+01	-9.30E+01	2.00E+02	7.32E-03	-1.64E+00
1.08E+01	-9.30E+01	2.01E+02	-1.46E-02	-1.65E+00
1.08E+01	-9.30E+01	2.01E+02	-7.32E-03	-1.65E+00
1.09E+01	-9.30E+01	2.01E+02	-9.77E-03	-1.65E+00
1.09E+01	-9.30E+01	2.01E+02	-3.66E-03	-1.67E+00
1.09E+01	-9.30E+01	2.01E+02	4.88E-03	-1.67E+00
1.09E+01	-9.30E+01	2.01E+02	-3.66E-03	-1.67E+00
1.09E+01	-9.30E+01	2.01E+02	-1.22E-02	-1.68E+00

1.10E+01	-9.30E+01	2.01E+02	-2.44E-03	-1.69E+00
1.10E+01	-9.30E+01	2.01E+02	1.22E-03	-1.70E+00
1.10E+01	-9.30E+01	2.01E+02	4.88E-03	-1.70E+00
1.10E+01	-9.30E+01	2.01E+02	-1.46E-02	-1.71E+00
1.10E+01	-9.30E+01	2.01E+02	-1.10E-02	-1.71E+00
1.11E+01	-9.30E+01	2.01E+02	-4.88E-03	-1.71E+00
1.11E+01	-9.30E+01	2.01E+02	-1.22E-02	-1.73E+00
1.11E+01	-9.30E+01	2.01E+02	-6.10E-03	-1.73E+00
1.11E+01	-9.30E+01	2.01E+02	-2.44E-03	-1.74E+00
1.11E+01	-9.30E+01	2.01E+02	-2.20E-02	-1.75E+00
1.12E+01	-9.30E+01	2.02E+02	-2.44E-02	-1.77E+00
1.12E+01	-9.30E+01	2.01E+02	-4.27E-02	-1.77E+00
1.12E+01	-9.30E+01	2.01E+02	-3.91E-02	-1.79E+00
1.12E+01	-9.30E+01	2.01E+02	-2.93E-02	-1.78E+00
1.12E+01	-9.30E+01	2.01E+02	-2.44E-02	-1.79E+00
1.13E+01	-9.30E+01	2.01E+02	-1.10E-02	-1.80E+00
1.13E+01	-9.30E+01	2.02E+02	-3.05E-02	-1.81E+00
1.13E+01	-9.30E+01	2.01E+02	-4.64E-02	-1.81E+00
1.13E+01	-9.30E+01	2.02E+02	-2.69E-02	-1.82E+00
1.13E+01	-9.30E+01	2.02E+02	-2.81E-02	-1.82E+00
1.14E+01	-9.30E+01	2.02E+02	-2.69E-02	-1.83E+00
1.14E+01	-9.30E+01	2.02E+02	-3.54E-02	-1.83E+00
1.14E+01	-9.30E+01	2.01E+02	-2.69E-02	-1.85E+00
1.14E+01	-9.30E+01	2.01E+02	-1.59E-02	-1.86E+00
1.14E+01	-9.30E+01	2.02E+02	-1.71E-02	-1.87E+00
1.15E+01	-9.30E+01	2.02E+02	-2.81E-02	-1.86E+00
1.15E+01	-9.30E+01	2.02E+02	-1.22E-02	-1.87E+00
1.15E+01	-9.30E+01	2.02E+02	6.10E-03	-1.88E+00
1.15E+01	-9.30E+01	2.02E+02	0.00E+00	-1.88E+00
1.15E+01	-9.30E+01	2.02E+02	2.69E-02	-1.88E+00
1.16E+01	-9.30E+01	2.02E+02	-2.44E-03	-1.89E+00
1.16E+01	-9.30E+01	2.02E+02	-9.77E-03	-1.90E+00
1.16E+01	-9.30E+01	2.02E+02	-1.46E-02	-1.91E+00
1.16E+01	-9.30E+01	2.03E+02	-1.22E-02	-1.91E+00
1.16E+01	-9.30E+01	2.03E+02	4.88E-03	-1.91E+00
1.17E+01	-9.30E+01	2.02E+02	-9.77E-03	-1.92E+00
1.17E+01	-9.30E+01	2.03E+02	-1.22E-02	-1.94E+00
1.17E+01	-9.30E+01	2.02E+02	-1.71E-02	-1.94E+00
1.17E+01	-9.30E+01	2.02E+02	-3.91E-02	-1.95E+00
1.17E+01	-9.30E+01	2.03E+02	-1.46E-02	-1.95E+00
1.18E+01	-9.30E+01	2.03E+02	-3.05E-02	-1.97E+00
1.18E+01	-9.30E+01	2.02E+02	-1.83E-02	-1.98E+00
1.18E+01	-9.30E+01	2.03E+02	-4.03E-02	-1.99E+00
1.18E+01	-9.30E+01	2.03E+02	-2.69E-02	-1.99E+00
1.18E+01	-9.30E+01	2.03E+02	-2.93E-02	-2.00E+00
1.19E+01	-9.30E+01	2.03E+02	-3.17E-02	-2.01E+00
1.19E+01	-9.30E+01	2.03E+02	-2.44E-02	-2.01E+00

1.19E+01	-9.30E+01	2.03E+02	-9.77E-03	-2.02E+00
1.19E+01	-9.30E+01	2.03E+02	2.93E-02	-2.02E+00
1.19E+01	-9.30E+01	2.03E+02	-2.44E-03	-2.03E+00
1.20E+01	-9.30E+01	2.03E+02	-2.69E-02	-2.03E+00
1.20E+01	-9.30E+01	2.03E+02	-1.71E-02	-2.03E+00
1.20E+01	-9.30E+01	2.03E+02	-1.22E-02	-2.05E+00
1.20E+01	-9.30E+01	2.03E+02	-2.20E-02	-2.05E+00
1.20E+01	-9.30E+01	2.04E+02	-3.66E-02	-2.05E+00
1.21E+01	-9.30E+01	2.03E+02	-9.77E-03	-2.06E+00
1.21E+01	-9.30E+01	2.03E+02	-2.56E-02	-2.08E+00
1.21E+01	-9.30E+01	2.03E+02	-4.39E-02	-2.09E+00
1.21E+01	-9.30E+01	2.04E+02	-4.15E-02	-2.09E+00
1.21E+01	-9.30E+01	2.04E+02	-3.17E-02	-2.09E+00
1.22E+01	-9.30E+01	2.04E+02	-2.44E-02	-2.11E+00
1.22E+01	-9.30E+01	2.04E+02	-2.93E-02	-2.12E+00
1.22E+01	-9.30E+01	2.04E+02	-3.66E-02	-2.12E+00
1.22E+01	-9.30E+01	2.04E+02	-2.69E-02	-2.12E+00
1.22E+01	-9.30E+01	2.04E+02	-2.20E-02	-2.13E+00
1.23E+01	-9.30E+01	2.04E+02	-2.93E-02	-2.15E+00
1.23E+01	-9.30E+01	2.04E+02	-2.44E-02	-2.16E+00
1.23E+01	-9.30E+01	2.04E+02	-2.32E-02	-2.15E+00
1.23E+01	-9.30E+01	2.04E+02	-2.20E-02	-2.18E+00
1.23E+01	-9.30E+01	2.04E+02	-2.44E-02	-2.17E+00
1.24E+01	-9.30E+01	2.04E+02	-2.08E-02	-2.18E+00
1.24E+01	-9.30E+01	2.04E+02	-2.44E-03	-2.18E+00
1.24E+01	-9.30E+01	2.04E+02	-1.46E-02	-2.19E+00
1.24E+01	-9.30E+01	2.05E+02	3.66E-03	-2.19E+00
1.24E+01	-9.30E+01	2.05E+02	3.66E-03	-2.20E+00
1.25E+01	-9.30E+01	2.04E+02	-1.46E-02	-2.21E+00
1.25E+01	-9.30E+01	2.05E+02	-4.88E-03	-2.22E+00
1.25E+01	-9.30E+01	2.04E+02	-3.66E-02	-2.22E+00
1.25E+01	-9.30E+01	2.05E+02	-2.20E-02	-2.22E+00
1.25E+01	-9.30E+01	2.05E+02	-8.54E-03	-2.24E+00
1.26E+01	-9.30E+01	2.05E+02	-1.59E-02	-2.25E+00
1.26E+01	-9.30E+01	2.05E+02	-2.81E-02	-2.25E+00
1.26E+01	-9.30E+01	2.05E+02	-1.46E-02	-2.26E+00
1.26E+01	-9.30E+01	2.05E+02	-2.44E-02	-2.27E+00
1.26E+01	-9.30E+01	2.05E+02	0.00E+00	-2.27E+00
1.27E+01	-9.30E+01	2.05E+02	-7.32E-03	-2.28E+00
1.27E+01	-9.30E+01	2.05E+02	-7.32E-03	-2.28E+00
1.27E+01	-9.30E+01	2.05E+02	-1.10E-02	-2.29E+00
1.27E+01	-9.30E+01	2.05E+02	3.66E-03	-2.30E+00
1.27E+01	-9.30E+01	2.05E+02	4.88E-03	-2.30E+00
1.28E+01	-9.30E+01	2.05E+02	-4.88E-03	-2.31E+00
1.28E+01	-9.30E+01	2.05E+02	-4.88E-03	-2.32E+00
1.28E+01	-9.30E+01	2.05E+02	-4.88E-03	-2.31E+00
1.28E+01	-9.30E+01	2.05E+02	2.44E-03	-2.33E+00

1.28E+01	-9.30E+01	2.05E+02	4.88E-03	-2.34E+00
1.29E+01	-9.30E+01	2.05E+02	-1.46E-02	-2.34E+00
1.29E+01	-9.30E+01	2.05E+02	-2.44E-03	-2.35E+00
1.29E+01	-9.30E+01	2.05E+02	3.42E-02	-2.35E+00
1.29E+01	-9.30E+01	2.05E+02	2.44E-03	-2.36E+00
1.29E+01	-9.30E+01	2.05E+02	-2.20E-02	-2.37E+00
1.30E+01	-9.30E+01	2.05E+02	-2.44E-03	-2.37E+00
1.30E+01	-9.30E+01	2.05E+02	-7.32E-03	-2.37E+00
1.30E+01	-9.30E+01	2.05E+02	-1.46E-02	-2.38E+00
1.30E+01	-9.30E+01	2.04E+02	-1.71E-02	-2.39E+00
1.30E+01	-9.30E+01	2.05E+02	-4.88E-02	-2.39E+00
1.31E+01	-9.30E+01	2.05E+02	-2.93E-02	-2.41E+00
1.31E+01	-9.30E+01	2.05E+02	-3.42E-02	-2.41E+00
1.31E+01	-9.30E+01	2.05E+02	-4.88E-03	-2.42E+00
1.31E+01	-9.30E+01	2.04E+02	-3.66E-02	-2.42E+00
1.31E+01	-9.30E+01	2.04E+02	-3.17E-02	-2.43E+00
1.32E+01	-9.30E+01	2.04E+02	-3.05E-02	-2.45E+00
1.32E+01	-9.30E+01	2.04E+02	-5.62E-02	-2.47E+00
1.32E+01	-9.30E+01	2.04E+02	-2.93E-02	-2.47E+00
1.32E+01	-9.30E+01	2.04E+02	-1.71E-02	-2.47E+00
1.32E+01	-9.30E+01	2.03E+02	-1.22E-02	-2.48E+00
1.33E+01	-9.30E+01	2.03E+02	-1.71E-02	-2.51E+00
1.33E+01	-9.30E+01	2.03E+02	-1.71E-02	-2.50E+00
1.33E+01	-9.30E+01	2.03E+02	-1.22E-02	-2.50E+00
1.33E+01	-9.30E+01	2.03E+02	-3.17E-02	-2.51E+00
1.33E+01	-9.30E+01	2.03E+02	-7.32E-03	-2.51E+00
1.34E+01	-9.30E+01	2.02E+02	-1.46E-02	-2.52E+00
1.34E+01	-9.30E+01	2.02E+02	-1.22E-02	-2.52E+00
1.34E+01	-9.30E+01	2.02E+02	0.00E+00	-2.53E+00
1.34E+01	-9.30E+01	2.02E+02	3.66E-03	-2.53E+00
1.34E+01	-9.30E+01	2.02E+02	-1.22E-02	-2.54E+00
1.35E+01	-9.30E+01	2.02E+02	-1.10E-02	-2.54E+00
1.35E+01	-9.30E+01	2.01E+02	-9.77E-03	-2.54E+00
1.35E+01	-9.30E+01	2.01E+02	-2.20E-02	-2.56E+00
1.35E+01	-9.30E+01	2.01E+02	7.32E-03	-2.57E+00
1.35E+01	-9.30E+01	2.00E+02	-3.91E-02	-2.59E+00
1.36E+01	-9.30E+01	2.01E+02	-1.71E-02	-2.58E+00
1.36E+01	-9.30E+01	2.00E+02	0.00E+00	-2.60E+00
1.36E+01	-9.30E+01	2.00E+02	-3.66E-03	-2.61E+00
1.36E+01	-9.30E+01	2.00E+02	-9.77E-03	-2.61E+00
1.36E+01	-9.30E+01	1.99E+02	7.32E-03	-2.61E+00
1.37E+01	-9.30E+01	2.00E+02	-7.32E-03	-2.61E+00
1.37E+01	-9.30E+01	1.99E+02	-7.32E-03	-2.62E+00
1.37E+01	-9.30E+01	1.99E+02	-2.44E-03	-2.62E+00
1.37E+01	-9.30E+01	1.99E+02	-2.44E-03	-2.63E+00
1.37E+01	-9.30E+01	1.99E+02	0.00E+00	-2.65E+00
1.38E+01	-9.30E+01	1.99E+02	-1.46E-02	-2.65E+00

1.38E+01	-9.30E+01	1.99E+02	-1.95E-02	-2.65E+00
1.38E+01	-9.30E+01	1.98E+02	-2.44E-02	-2.66E+00
1.38E+01	-9.30E+01	1.98E+02	-1.95E-02	-2.67E+00
1.38E+01	-9.30E+01	1.98E+02	-6.59E-02	-2.68E+00
1.39E+01	-9.30E+01	1.98E+02	-2.93E-02	-2.68E+00
1.39E+01	-9.30E+01	1.98E+02	-2.08E-02	-2.69E+00
1.39E+01	-9.30E+01	1.98E+02	-3.66E-02	-2.71E+00
1.39E+01	-9.30E+01	1.98E+02	-3.42E-02	-2.73E+00
1.39E+01	-9.30E+01	1.98E+02	-3.42E-02	-2.72E+00
1.40E+01	-9.30E+01	1.98E+02	-2.93E-02	-2.72E+00
1.40E+01	-9.30E+01	1.97E+02	-3.78E-02	-2.73E+00
1.40E+01	-9.30E+01	1.97E+02	-1.71E-02	-2.74E+00
1.40E+01	-9.30E+01	1.97E+02	-1.10E-02	-2.74E+00
1.40E+01	-9.30E+01	1.97E+02	-8.54E-03	-2.75E+00
1.41E+01	-9.30E+01	1.97E+02	4.88E-03	-2.75E+00
1.41E+01	-9.30E+01	1.97E+02	-1.22E-02	-2.76E+00
1.41E+01	-9.30E+01	1.97E+02	-2.44E-02	-2.76E+00
1.41E+01	-9.30E+01	1.97E+02	-9.77E-03	-2.77E+00
1.41E+01	-9.30E+01	1.97E+02	-2.44E-03	-2.78E+00
1.42E+01	-9.30E+01	1.97E+02	-1.22E-02	-2.78E+00
1.42E+01	-9.30E+01	1.97E+02	-1.22E-02	-2.80E+00
1.42E+01	-9.30E+01	1.97E+02	-2.44E-02	-2.80E+00
1.42E+01	-9.30E+01	1.97E+02	-4.03E-02	-2.81E+00
1.42E+01	-9.30E+01	1.97E+02	-3.17E-02	-2.81E+00
1.43E+01	-9.30E+01	1.97E+02	-2.69E-02	-2.81E+00
1.43E+01	-9.30E+01	1.97E+02	-2.69E-02	-2.83E+00
1.43E+01	-9.30E+01	1.97E+02	-1.95E-02	-2.84E+00
1.43E+01	-9.30E+01	1.97E+02	-6.10E-03	-2.85E+00
1.43E+01	-9.30E+01	1.97E+02	-2.69E-02	-2.85E+00
1.44E+01	-9.30E+01	1.97E+02	-1.83E-02	-2.86E+00
1.44E+01	-9.30E+01	1.97E+02	-4.88E-03	-2.87E+00
1.44E+01	-9.30E+01	1.97E+02	-1.46E-02	-2.88E+00
1.44E+01	-9.30E+01	1.97E+02	4.88E-03	-2.88E+00
1.44E+01	-9.30E+01	1.97E+02	-9.77E-03	-2.88E+00
1.45E+01	-9.30E+01	1.97E+02	0.00E+00	-2.89E+00
1.45E+01	-9.30E+01	1.97E+02	2.44E-03	-2.90E+00
1.45E+01	-9.30E+01	1.97E+02	-3.17E-02	-2.90E+00
1.45E+01	-9.30E+01	1.97E+02	-9.77E-03	-2.90E+00
1.45E+01	-9.30E+01	1.97E+02	-3.66E-03	-2.92E+00
1.46E+01	-9.30E+01	1.97E+02	-1.22E-02	-2.92E+00
1.46E+01	-9.30E+01	1.97E+02	0.00E+00	-2.93E+00
1.46E+01	-9.30E+01	1.97E+02	-4.88E-03	-2.94E+00
1.46E+01	-9.30E+01	1.97E+02	2.44E-03	-2.94E+00
1.46E+01	-9.30E+01	1.97E+02	4.88E-03	-2.96E+00
1.47E+01	-9.30E+01	1.97E+02	-2.44E-03	-2.96E+00
1.47E+01	-9.30E+01	1.97E+02	-2.32E-02	-2.96E+00
1.47E+01	-9.30E+01	1.97E+02	1.22E-03	-2.97E+00

1.47E+01	-9.30E+01	1.97E+02	-1.46E-02	-2.98E+00
1.47E+01	-9.30E+01	1.97E+02	-1.95E-02	-2.99E+00
1.48E+01	-9.30E+01	1.97E+02	-2.93E-02	-3.00E+00
1.48E+01	-9.30E+01	1.97E+02	-2.08E-02	-3.02E+00
1.48E+01	-9.30E+01	1.97E+02	-1.95E-02	-3.02E+00
1.48E+01	-9.30E+01	1.96E+02	-2.93E-02	-3.02E+00
1.48E+01	-9.30E+01	1.97E+02	-3.42E-02	-3.03E+00
1.49E+01	-9.30E+01	1.97E+02	-1.46E-02	-3.04E+00
1.49E+01	-9.30E+01	1.97E+02	-1.71E-02	-3.04E+00
1.49E+01	-9.30E+01	1.97E+02	-1.22E-02	-3.05E+00
1.49E+01	-9.30E+01	1.97E+02	-8.54E-03	-3.05E+00
1.49E+01	-9.30E+01	1.97E+02	-3.66E-03	-3.05E+00
1.50E+01	-9.30E+01	1.97E+02	0.00E+00	-3.07E+00
1.50E+01	-9.30E+01	1.97E+02	4.88E-03	-3.08E+00
1.50E+01	-9.30E+01	1.96E+02	-1.83E-02	-3.08E+00
1.50E+01	-9.30E+01	1.96E+02	-4.88E-03	-3.08E+00
1.50E+01	-9.30E+01	1.97E+02	-2.44E-03	-3.09E+00
1.51E+01	-9.30E+01	1.97E+02	4.88E-03	-3.10E+00
1.51E+01	-9.30E+01	1.97E+02	-1.71E-02	-3.11E+00
1.51E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.10E+00
1.51E+01	-9.30E+01	1.97E+02	-1.71E-02	-3.11E+00
1.51E+01	-9.30E+01	1.97E+02	-8.54E-03	-3.12E+00
1.52E+01	-9.30E+01	1.97E+02	6.10E-03	-3.13E+00
1.52E+01	-9.30E+01	1.97E+02	-1.83E-02	-3.14E+00
1.52E+01	-9.30E+01	1.97E+02	-1.34E-02	-3.16E+00
1.52E+01	-9.30E+01	1.97E+02	-2.56E-02	-3.15E+00
1.52E+01	-9.30E+01	1.97E+02	-8.54E-03	-3.16E+00
1.53E+01	-9.30E+01	1.97E+02	-4.15E-02	-3.17E+00
1.53E+01	-9.30E+01	1.97E+02	-1.22E-02	-3.17E+00
1.53E+01	-9.30E+01	1.97E+02	-2.20E-02	-3.17E+00
1.53E+01	-9.30E+01	1.97E+02	-3.17E-02	-3.19E+00
1.53E+01	-9.30E+01	1.97E+02	-2.81E-02	-3.20E+00
1.54E+01	-9.30E+01	1.97E+02	-4.52E-02	-3.21E+00
1.54E+01	-9.30E+01	1.97E+02	-4.88E-02	-3.21E+00
1.54E+01	-9.30E+01	1.97E+02	-4.15E-02	-3.22E+00
1.54E+01	-9.30E+01	1.96E+02	-2.93E-02	-3.23E+00
1.54E+01	-9.30E+01	1.96E+02	-2.81E-02	-3.25E+00
1.55E+01	-9.30E+01	1.97E+02	-2.69E-02	-3.24E+00
1.55E+01	-9.30E+01	1.96E+02	-1.46E-02	-3.26E+00
1.55E+01	-9.30E+01	1.96E+02	-1.71E-02	-3.26E+00
1.55E+01	-9.30E+01	1.96E+02	-1.95E-02	-3.27E+00
1.55E+01	-9.30E+01	1.96E+02	-2.44E-02	-3.27E+00
1.56E+01	-9.30E+01	1.96E+02	-8.54E-03	-3.28E+00
1.56E+01	-9.30E+01	1.96E+02	-4.03E-02	-3.27E+00
1.56E+01	-9.30E+01	1.96E+02	-2.44E-02	-3.29E+00
1.56E+01	-9.30E+01	1.96E+02	-2.32E-02	-3.31E+00
1.56E+01	-9.30E+01	1.96E+02	-4.15E-02	-3.31E+00

1.57E+01	-9.30E+01	1.96E+02	-7.32E-03	-3.31E+00
1.57E+01	-9.30E+01	1.96E+02	-1.22E-03	-3.32E+00
1.57E+01	-9.30E+01	1.96E+02	-1.10E-02	-3.33E+00
1.57E+01	-9.30E+01	1.96E+02	-1.10E-02	-3.34E+00
1.57E+01	-9.30E+01	1.96E+02	3.66E-03	-3.33E+00
1.58E+01	-9.30E+01	1.96E+02	-1.22E-02	-3.34E+00
1.58E+01	-9.30E+01	1.96E+02	-6.10E-03	-3.34E+00
1.58E+01	-9.30E+01	1.96E+02	2.44E-03	-3.36E+00
1.58E+01	-9.30E+01	1.96E+02	-6.10E-03	-3.36E+00
1.58E+01	-9.30E+01	1.96E+02	-1.22E-02	-3.36E+00
1.59E+01	-9.30E+01	1.96E+02	-2.44E-03	-3.37E+00
1.59E+01	-9.30E+01	1.96E+02	-4.88E-02	-3.39E+00
1.59E+01	-9.30E+01	1.96E+02	-2.20E-02	-3.38E+00
1.59E+01	-9.30E+01	1.96E+02	-1.95E-02	-3.39E+00
1.59E+01	-9.30E+01	1.97E+02	-2.20E-02	-3.41E+00
1.60E+01	-9.30E+01	1.96E+02	-2.69E-02	-3.41E+00
1.60E+01	-9.30E+01	1.96E+02	-2.93E-02	-3.42E+00
1.60E+01	-9.30E+01	1.96E+02	-4.39E-02	-3.43E+00
1.60E+01	-9.30E+01	1.96E+02	-1.83E-02	-3.45E+00
1.60E+01	-9.30E+01	1.96E+02	-1.46E-02	-3.45E+00
1.61E+01	-9.30E+01	1.96E+02	-3.42E-02	-3.45E+00
1.61E+01	-9.30E+01	1.96E+02	-9.77E-03	-3.46E+00
1.61E+01	-9.30E+01	1.96E+02	4.88E-03	-3.46E+00
1.61E+01	-9.30E+01	1.96E+02	-9.77E-03	-3.47E+00
1.61E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.47E+00
1.62E+01	-9.30E+01	1.97E+02	-7.32E-03	-3.47E+00
1.62E+01	-9.30E+01	1.96E+02	-7.32E-03	-3.49E+00
1.62E+01	-9.30E+01	1.96E+02	4.88E-03	-3.51E+00
1.62E+01	-9.30E+01	1.96E+02	9.77E-03	-3.50E+00
1.62E+01	-9.30E+01	1.97E+02	2.44E-03	-3.50E+00
1.63E+01	-9.30E+01	1.97E+02	0.00E+00	-3.50E+00
1.63E+01	-9.30E+01	1.96E+02	-9.77E-03	-3.52E+00
1.63E+01	-9.30E+01	1.97E+02	-3.42E-02	-3.52E+00
1.63E+01	-9.30E+01	1.96E+02	-1.83E-02	-3.52E+00
1.63E+01	-9.30E+01	1.96E+02	-2.20E-02	-3.54E+00
1.64E+01	-9.30E+01	1.97E+02	-4.88E-03	-3.55E+00
1.64E+01	-9.30E+01	1.96E+02	-2.44E-02	-3.55E+00
1.64E+01	-9.30E+01	1.96E+02	-4.15E-02	-3.57E+00
1.64E+01	-9.30E+01	1.96E+02	-3.78E-02	-3.57E+00
1.64E+01	-9.30E+01	1.96E+02	-2.56E-02	-3.59E+00
1.65E+01	-9.30E+01	1.96E+02	-3.05E-02	-3.60E+00
1.65E+01	-9.30E+01	1.96E+02	-2.44E-02	-3.60E+00
1.65E+01	-9.30E+01	1.96E+02	-7.32E-03	-3.59E+00
1.65E+01	-9.30E+01	1.96E+02	0.00E+00	-3.61E+00
1.65E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.62E+00
1.66E+01	-9.30E+01	1.97E+02	2.20E-02	-3.61E+00
1.66E+01	-9.30E+01	1.97E+02	2.44E-03	-3.62E+00

1.66E+01	-9.30E+01	1.97E+02	-1.46E-02	-3.63E+00
1.66E+01	-9.30E+01	1.97E+02	0.00E+00	-3.64E+00
1.66E+01	-9.30E+01	1.97E+02	-1.59E-02	-3.64E+00
1.67E+01	-9.30E+01	1.97E+02	-1.95E-02	-3.64E+00
1.67E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.67E+00
1.67E+01	-9.30E+01	1.97E+02	-2.44E-03	-3.66E+00
1.67E+01	-9.30E+01	1.97E+02	-4.27E-02	-3.67E+00
1.67E+01	-9.30E+01	1.97E+02	-2.93E-02	-3.68E+00
1.68E+01	-9.30E+01	1.97E+02	-2.81E-02	-3.69E+00
1.68E+01	-9.30E+01	1.97E+02	-3.05E-02	-3.69E+00
1.68E+01	-9.30E+01	1.97E+02	-4.64E-02	-3.71E+00
1.68E+01	-9.30E+01	1.97E+02	-3.66E-02	-3.71E+00
1.68E+01	-9.30E+01	1.97E+02	-2.20E-02	-3.73E+00
1.69E+01	-9.30E+01	1.96E+02	-2.44E-02	-3.73E+00
1.69E+01	-9.30E+01	1.97E+02	-1.95E-02	-3.74E+00
1.69E+01	-9.30E+01	1.97E+02	4.88E-03	-3.74E+00
1.69E+01	-9.30E+01	1.97E+02	-4.88E-03	-3.74E+00
1.69E+01	-9.30E+01	1.96E+02	-7.32E-03	-3.76E+00
1.70E+01	-9.30E+01	1.97E+02	-1.34E-02	-3.77E+00
1.70E+01	-9.30E+01	1.97E+02	4.88E-03	-3.76E+00
1.70E+01	-9.30E+01	1.97E+02	-1.46E-02	-3.78E+00
1.70E+01	-9.30E+01	1.97E+02	-4.88E-03	-3.79E+00
1.70E+01	-9.30E+01	1.97E+02	-2.69E-02	-3.80E+00
1.71E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.79E+00
1.71E+01	-9.30E+01	1.97E+02	-1.46E-02	-3.80E+00
1.71E+01	-9.30E+01	1.97E+02	1.71E-02	-3.80E+00
1.71E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.81E+00
1.71E+01	-9.30E+01	1.97E+02	-3.91E-02	-3.81E+00
1.72E+01	-9.30E+01	1.97E+02	-1.10E-02	-3.82E+00
1.72E+01	-9.30E+01	1.97E+02	-2.69E-02	-3.83E+00
1.72E+01	-9.30E+01	1.97E+02	-1.95E-02	-3.84E+00
1.72E+01	-9.30E+01	1.97E+02	-2.93E-02	-3.84E+00
1.72E+01	-9.30E+01	1.97E+02	-3.91E-02	-3.85E+00
1.73E+01	-9.30E+01	1.97E+02	-2.69E-02	-3.86E+00
1.73E+01	-9.30E+01	1.97E+02	-1.95E-02	-3.87E+00
1.73E+01	-9.30E+01	1.97E+02	-3.66E-02	-3.88E+00
1.73E+01	-9.30E+01	1.97E+02	-5.13E-02	-3.88E+00
1.73E+01	-9.30E+01	1.97E+02	-2.93E-02	-3.89E+00
1.74E+01	-9.30E+01	1.97E+02	-1.46E-02	-3.90E+00
1.74E+01	-9.30E+01	1.97E+02	-1.71E-02	-3.91E+00
1.74E+01	-9.30E+01	1.97E+02	-2.93E-02	-3.91E+00
1.74E+01	-9.30E+01	1.97E+02	-2.44E-02	-3.92E+00
1.74E+01	-9.30E+01	1.97E+02	-1.34E-02	-3.93E+00
1.75E+01	-9.30E+01	1.97E+02	-4.64E-02	-3.95E+00
1.75E+01	-9.30E+01	1.97E+02	-2.44E-03	-3.94E+00
1.75E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.95E+00
1.75E+01	-9.30E+01	1.97E+02	1.10E-02	-3.95E+00

1.75E+01	-9.30E+01	1.97E+02	4.88E-03	-3.96E+00
1.76E+01	-9.30E+01	1.97E+02	-7.32E-03	-3.97E+00
1.76E+01	-9.30E+01	1.98E+02	-2.32E-02	-3.96E+00
1.76E+01	-9.30E+01	1.97E+02	-1.22E-03	-3.98E+00
1.76E+01	-9.30E+01	1.98E+02	-1.46E-02	-3.98E+00
1.76E+01	-9.30E+01	1.97E+02	-3.42E-02	-3.98E+00
1.77E+01	-9.30E+01	1.97E+02	-3.42E-02	-3.99E+00
1.77E+01	-9.30E+01	1.98E+02	-2.20E-02	-4.01E+00
1.77E+01	-9.30E+01	1.97E+02	-3.42E-02	-4.01E+00
1.77E+01	-9.30E+01	1.98E+02	-4.27E-02	-4.02E+00
1.77E+01	-9.30E+01	1.97E+02	-3.54E-02	-4.03E+00
1.78E+01	-9.30E+01	1.98E+02	-2.44E-02	-4.04E+00
1.78E+01	-9.30E+01	1.97E+02	-2.81E-02	-4.04E+00
1.78E+01	-9.30E+01	1.98E+02	-3.78E-02	-4.06E+00
1.78E+01	-9.30E+01	1.97E+02	4.88E-03	-4.06E+00
1.78E+01	-9.30E+01	1.98E+02	3.66E-03	-4.05E+00
1.79E+01	-9.30E+01	1.98E+02	-9.77E-03	-4.08E+00
1.79E+01	-9.30E+01	1.98E+02	-8.54E-03	-4.08E+00
1.79E+01	-9.30E+01	1.98E+02	-1.10E-02	-4.08E+00
1.79E+01	-9.30E+01	1.98E+02	2.44E-03	-4.09E+00
1.79E+01	-9.30E+01	1.98E+02	1.83E-02	-4.08E+00
1.80E+01	-9.30E+01	1.98E+02	-1.46E-02	-4.10E+00
1.80E+01	-9.30E+01	1.98E+02	-3.66E-03	-4.10E+00
1.80E+01	-9.30E+01	1.98E+02	-1.95E-02	-4.11E+00
1.80E+01	-9.30E+01	1.98E+02	-1.34E-02	-4.11E+00
1.80E+01	-9.30E+01	1.98E+02	-3.17E-02	-4.13E+00
1.81E+01	-9.30E+01	1.98E+02	-4.15E-02	-4.13E+00
1.81E+01	-9.30E+01	1.98E+02	-2.20E-02	-4.16E+00
1.81E+01	-9.30E+01	1.98E+02	-2.44E-02	-4.16E+00
1.81E+01	-9.30E+01	1.98E+02	-2.44E-02	-4.17E+00
1.81E+01	-9.30E+01	1.98E+02	2.69E-02	-4.17E+00
1.82E+01	-9.30E+01	1.98E+02	4.88E-03	-4.17E+00
1.82E+01	-9.30E+01	1.98E+02	2.44E-02	-4.18E+00
1.82E+01	-9.30E+01	1.98E+02	-8.54E-03	-4.18E+00
1.82E+01	-9.30E+01	1.98E+02	0.00E+00	-4.19E+00
1.82E+01	-9.30E+01	1.98E+02	-6.10E-03	-4.20E+00
1.83E+01	-9.30E+01	1.98E+02	-9.77E-03	-4.20E+00
1.83E+01	-9.30E+01	1.99E+02	-2.44E-02	-4.21E+00
1.83E+01	-9.30E+01	1.99E+02	-1.34E-02	-4.21E+00
1.83E+01	-9.30E+01	1.99E+02	-2.93E-02	-4.23E+00
1.83E+01	-9.30E+01	1.99E+02	-3.17E-02	-4.23E+00
1.84E+01	-9.30E+01	1.99E+02	-3.91E-02	-4.24E+00
1.84E+01	-9.30E+01	1.99E+02	-5.13E-02	-4.26E+00
1.84E+01	-9.30E+01	1.99E+02	-2.20E-02	-4.26E+00
1.84E+01	-9.30E+01	1.99E+02	-4.52E-02	-4.27E+00
1.84E+01	-9.30E+01	1.98E+02	-4.88E-03	-4.27E+00
1.85E+01	-9.30E+01	1.99E+02	1.46E-02	-4.28E+00

1.85E+01	-9.30E+01	1.99E+02	-4.88E-03	-4.29E+00
1.85E+01	-9.30E+01	1.99E+02	-6.10E-03	-4.29E+00
1.85E+01	-9.30E+01	1.99E+02	2.44E-03	-4.29E+00
1.85E+01	-9.30E+01	1.99E+02	-4.88E-03	-4.31E+00
1.86E+01	-9.30E+01	1.99E+02	2.44E-03	-4.31E+00
1.86E+01	-9.30E+01	1.99E+02	-1.46E-02	-4.31E+00
1.86E+01	-9.30E+01	1.99E+02	-1.22E-02	-4.32E+00
1.86E+01	-9.30E+01	1.99E+02	-4.88E-03	-4.32E+00
1.86E+01	-9.30E+01	1.99E+02	-2.69E-02	-4.34E+00
1.87E+01	-9.30E+01	1.99E+02	-7.57E-02	-4.35E+00
1.87E+01	-9.30E+01	1.99E+02	-3.78E-02	-4.35E+00
1.87E+01	-9.30E+01	1.99E+02	-2.32E-02	-4.37E+00
1.87E+01	-9.30E+01	1.99E+02	-1.83E-02	-4.38E+00
1.87E+01	-9.30E+01	1.99E+02	-2.93E-02	-4.37E+00
1.88E+01	-9.30E+01	1.99E+02	-1.95E-02	-4.39E+00
1.88E+01	-9.30E+01	1.99E+02	-7.32E-03	-4.39E+00
1.88E+01	-9.30E+01	1.99E+02	-2.20E-02	-4.41E+00
1.88E+01	-9.30E+01	1.99E+02	-2.20E-02	-4.41E+00
1.88E+01	-9.30E+01	1.99E+02	-2.20E-02	-4.41E+00
1.89E+01	-9.30E+01	1.99E+02	-7.32E-03	-4.42E+00
1.89E+01	-9.30E+01	2.00E+02	-2.44E-03	-4.42E+00
1.89E+01	-9.30E+01	1.99E+02	-1.46E-02	-4.43E+00
1.89E+01	-9.30E+01	2.00E+02	-7.32E-03	-4.44E+00
1.89E+01	-9.30E+01	2.00E+02	-1.22E-03	-4.45E+00
1.90E+01	-9.30E+01	1.99E+02	2.44E-02	-4.44E+00
1.90E+01	-9.30E+01	2.00E+02	2.44E-03	-4.46E+00
1.90E+01	-9.30E+01	1.99E+02	-1.22E-02	-4.46E+00
1.90E+01	-9.30E+01	2.00E+02	-4.88E-03	-4.46E+00
1.90E+01	-9.30E+01	2.00E+02	-9.77E-03	-4.46E+00
1.91E+01	-9.30E+01	1.99E+02	0.00E+00	-4.48E+00
1.91E+01	-9.30E+01	2.00E+02	-1.95E-02	-4.47E+00
1.91E+01	-9.30E+01	2.00E+02	-1.46E-02	-4.49E+00
1.91E+01	-9.30E+01	2.00E+02	-1.22E-02	-4.51E+00
1.91E+01	-9.30E+01	2.00E+02	-4.39E-02	-4.51E+00
1.92E+01	-9.30E+01	2.00E+02	-2.69E-02	-4.52E+00
1.92E+01	-9.30E+01	2.00E+02	-1.71E-02	-4.53E+00
1.92E+01	-9.30E+01	2.00E+02	-7.32E-03	-4.54E+00
1.92E+01	-9.30E+01	2.00E+02	-2.69E-02	-4.55E+00
1.92E+01	-9.30E+01	2.00E+02	0.00E+00	-4.55E+00
1.93E+01	-9.30E+01	2.00E+02	-1.71E-02	-4.56E+00
1.93E+01	-9.30E+01	2.00E+02	-7.32E-03	-4.56E+00
1.93E+01	-9.30E+01	2.00E+02	-2.20E-02	-4.57E+00
1.93E+01	-9.30E+01	2.00E+02	-1.59E-02	-4.58E+00
1.93E+01	-9.30E+01	2.00E+02	-1.22E-03	-4.58E+00
1.94E+01	-9.30E+01	2.00E+02	9.77E-03	-4.59E+00
1.94E+01	-9.30E+01	2.00E+02	-7.32E-03	-4.59E+00
1.94E+01	-9.30E+01	2.01E+02	-7.32E-03	-4.60E+00

1.94E+01	-9.30E+01	2.00E+02	-8.54E-03	-4.58E+00
1.94E+01	-9.30E+01	2.00E+02	-1.10E-02	-4.61E+00
1.95E+01	-9.30E+01	2.00E+02	-2.44E-03	-4.62E+00
1.95E+01	-9.30E+01	2.01E+02	-1.71E-02	-4.62E+00
1.95E+01	-9.30E+01	2.01E+02	-9.77E-03	-4.63E+00
1.95E+01	-9.30E+01	2.01E+02	-1.95E-02	-4.64E+00
1.95E+01	-9.30E+01	2.00E+02	-4.39E-02	-4.64E+00
1.96E+01	-9.30E+01	2.00E+02	-3.30E-02	-4.66E+00
1.96E+01	-9.30E+01	2.00E+02	-4.03E-02	-4.66E+00
1.96E+01	-9.30E+01	2.00E+02	-3.78E-02	-4.67E+00
1.96E+01	-9.30E+01	2.00E+02	-2.44E-02	-4.70E+00
1.96E+01	-9.30E+01	2.00E+02	-2.69E-02	-4.70E+00
1.97E+01	-9.30E+01	2.01E+02	-3.66E-02	-4.68E+00
1.97E+01	-9.30E+01	2.00E+02	-1.59E-02	-4.70E+00
1.97E+01	-9.30E+01	2.00E+02	-4.88E-03	-4.71E+00
1.97E+01	-9.30E+01	2.00E+02	-1.46E-02	-4.72E+00
1.97E+01	-9.30E+01	2.00E+02	-1.22E-02	-4.72E+00
1.98E+01	-9.30E+01	2.01E+02	-1.10E-02	-4.74E+00
1.98E+01	-9.30E+01	2.01E+02	2.44E-03	-4.73E+00
1.98E+01	-9.30E+01	2.00E+02	0.00E+00	-4.75E+00
1.98E+01	-9.30E+01	2.00E+02	-3.42E-02	-4.76E+00
1.98E+01	-9.30E+01	2.01E+02	-4.88E-03	-4.75E+00
1.99E+01	-9.30E+01	2.01E+02	-6.10E-03	-4.77E+00
1.99E+01	-9.30E+01	2.01E+02	-6.10E-03	-4.77E+00
1.99E+01	-9.30E+01	2.01E+02	4.88E-03	-4.78E+00
1.99E+01	-9.30E+01	2.01E+02	7.32E-03	-4.78E+00
1.99E+01	-9.30E+01	2.01E+02	8.54E-03	-4.78E+00
2.00E+01	-9.30E+01	2.01E+02	-3.66E-03	-4.79E+00
2.00E+01	-9.30E+01	2.01E+02	-6.10E-03	-4.80E+00
2.00E+01	-9.30E+01	2.01E+02	-1.34E-02	-4.81E+00
2.00E+01	-9.30E+01	2.01E+02	-1.22E-03	-4.81E+00
2.00E+01	-9.30E+01	2.02E+02	-9.77E-03	-4.82E+00
2.01E+01	-9.30E+01	2.01E+02	2.44E-03	-4.82E+00
2.01E+01	-9.30E+01	2.01E+02	-2.32E-02	-4.84E+00
2.01E+01	-9.30E+01	2.01E+02	-3.42E-02	-4.84E+00
2.01E+01	-9.30E+01	2.01E+02	0.00E+00	-4.85E+00
2.01E+01	-9.30E+01	2.01E+02	-3.05E-02	-4.87E+00
2.02E+01	-9.30E+01	2.01E+02	-3.42E-02	-4.87E+00
2.02E+01	-9.30E+01	2.01E+02	-4.88E-02	-4.88E+00
2.02E+01	-9.30E+01	2.01E+02	-3.42E-02	-4.90E+00
2.02E+01	-9.30E+01	2.01E+02	-4.27E-02	-4.89E+00
2.02E+01	-9.30E+01	2.01E+02	-2.20E-02	-4.91E+00
2.03E+01	-9.30E+01	2.01E+02	-1.22E-02	-4.91E+00
2.03E+01	-9.30E+01	2.01E+02	-2.44E-02	-4.91E+00
2.03E+01	-9.30E+01	2.01E+02	-4.88E-03	-4.92E+00
2.03E+01	-9.30E+01	2.01E+02	-3.66E-03	-4.93E+00
2.03E+01	-9.30E+01	2.01E+02	-1.59E-02	-4.93E+00

2.04E+01	-9.30E+01	2.01E+02	0.00E+00	-4.93E+00
2.04E+01	-9.30E+01	2.01E+02	-4.88E-03	-4.94E+00
2.04E+01	-9.30E+01	2.01E+02	0.00E+00	-4.96E+00
2.04E+01	-9.30E+01	2.01E+02	0.00E+00	-4.96E+00
2.04E+01	-9.30E+01	2.01E+02	1.22E-03	-4.97E+00
2.05E+01	-9.30E+01	2.01E+02	1.71E-02	-4.96E+00
2.05E+01	-9.30E+01	2.01E+02	3.66E-03	-4.99E+00
2.05E+01	-9.30E+01	2.01E+02	-7.32E-03	-4.99E+00
2.05E+01	-9.30E+01	2.01E+02	-4.88E-03	-4.98E+00
2.05E+01	-9.30E+01	2.01E+02	-2.56E-02	-4.98E+00
2.06E+01	-9.30E+01	2.01E+02	-1.71E-02	-5.00E+00
2.06E+01	-9.30E+01	2.01E+02	-1.22E-02	-5.01E+00
2.06E+01	-9.30E+01	2.01E+02	-4.88E-03	-5.02E+00
2.06E+01	-9.30E+01	2.01E+02	-2.20E-02	-5.02E+00
2.06E+01	-9.30E+01	2.01E+02	2.69E-02	-5.02E+00
2.07E+01	-9.30E+01	2.01E+02	-6.10E-03	-5.03E+00
2.07E+01	-9.30E+01	2.01E+02	-1.59E-02	-5.04E+00
2.07E+01	-9.30E+01	2.01E+02	-1.22E-03	-5.05E+00
2.07E+01	-9.30E+01	2.01E+02	-2.69E-02	-5.07E+00
2.07E+01	-9.30E+01	2.01E+02	-3.05E-02	-5.06E+00
2.08E+01	-9.30E+01	2.01E+02	-1.22E-02	-5.07E+00
2.08E+01	-9.30E+01	2.01E+02	-2.93E-02	-5.08E+00
2.08E+01	-9.30E+01	2.01E+02	-3.42E-02	-5.08E+00
2.08E+01	-9.30E+01	2.01E+02	-3.30E-02	-5.10E+00
2.08E+01	-9.30E+01	2.01E+02	-3.42E-02	-5.12E+00
2.09E+01	-9.30E+01	2.01E+02	-2.69E-02	-5.12E+00
2.09E+01	-9.30E+01	2.01E+02	-2.08E-02	-5.12E+00
2.09E+01	-9.30E+01	2.01E+02	-2.69E-02	-5.13E+00
2.09E+01	-9.30E+01	2.01E+02	-7.32E-03	-5.14E+00
2.09E+01	-9.30E+01	2.01E+02	-9.77E-03	-5.15E+00
2.10E+01	-9.30E+01	2.01E+02	-1.59E-02	-5.16E+00
2.10E+01	-9.30E+01	2.01E+02	-1.22E-02	-5.15E+00
2.10E+01	-9.30E+01	2.01E+02	-3.17E-02	-5.16E+00
2.10E+01	-9.30E+01	2.01E+02	-1.22E-02	-5.18E+00
2.10E+01	-9.30E+01	2.01E+02	-1.59E-02	-5.18E+00
2.11E+01	-9.30E+01	2.01E+02	-9.77E-03	-5.18E+00
2.11E+01	-9.30E+01	2.01E+02	-1.71E-02	-5.19E+00
2.11E+01	-9.30E+01	2.01E+02	0.00E+00	-5.19E+00
2.11E+01	-9.30E+01	2.01E+02	-2.69E-02	-5.20E+00
2.11E+01	-9.30E+01	2.01E+02	-4.88E-03	-5.20E+00
2.12E+01	-9.30E+01	2.02E+02	-8.54E-03	-5.20E+00
2.12E+01	-9.30E+01	2.02E+02	-6.10E-03	-5.21E+00
2.12E+01	-9.30E+01	2.01E+02	-2.32E-02	-5.22E+00
2.12E+01	-9.30E+01	2.01E+02	-4.27E-02	-5.23E+00
2.12E+01	-9.30E+01	2.01E+02	-3.66E-02	-5.23E+00
2.13E+01	-9.30E+01	2.01E+02	-1.46E-02	-5.27E+00
2.13E+01	-9.30E+01	2.01E+02	-2.20E-02	-5.26E+00

2.13E+01	-9.30E+01	2.01E+02	-3.42E-02	-5.27E+00
2.13E+01	-9.30E+01	2.01E+02	-2.56E-02	-5.27E+00
2.13E+01	-9.30E+01	2.02E+02	-2.08E-02	-5.28E+00
2.14E+01	-9.30E+01	2.01E+02	-2.32E-02	-5.30E+00
2.14E+01	-9.30E+01	2.02E+02	-2.56E-02	-5.30E+00
2.14E+01	-9.30E+01	2.02E+02	-9.77E-03	-5.30E+00
2.14E+01	-9.30E+01	2.02E+02	3.66E-03	-5.31E+00
2.14E+01	-9.30E+01	2.01E+02	-8.54E-03	-5.31E+00
2.15E+01	-9.30E+01	2.02E+02	-1.46E-02	-5.32E+00
2.15E+01	-9.30E+01	2.02E+02	-9.77E-03	-5.32E+00
2.15E+01	-9.30E+01	2.02E+02	-8.54E-03	-5.33E+00
2.15E+01	-9.30E+01	2.02E+02	-2.93E-02	-5.34E+00
2.15E+01	-9.30E+01	2.02E+02	-9.77E-03	-5.35E+00
2.16E+01	-9.30E+01	2.02E+02	-1.34E-02	-5.34E+00
2.16E+01	-9.30E+01	2.02E+02	-1.46E-02	-5.36E+00
2.16E+01	-9.30E+01	2.02E+02	-3.17E-02	-5.36E+00
2.16E+01	-9.30E+01	2.02E+02	-2.69E-02	-5.37E+00
2.16E+01	-9.30E+01	2.02E+02	-3.17E-02	-5.38E+00
2.17E+01	-9.30E+01	2.02E+02	-4.03E-02	-5.38E+00
2.17E+01	-9.30E+01	2.02E+02	-2.81E-02	-5.40E+00
2.17E+01	-9.30E+01	2.02E+02	-4.15E-02	-5.40E+00
2.17E+01	-9.30E+01	2.02E+02	-3.78E-02	-5.41E+00
2.17E+01	-9.30E+01	2.02E+02	-1.22E-02	-5.43E+00
2.18E+01	-9.30E+01	2.02E+02	-2.44E-03	-5.43E+00
2.18E+01	-9.30E+01	2.02E+02	-1.71E-02	-5.42E+00
2.18E+01	-9.30E+01	2.02E+02	-3.05E-02	-5.44E+00
2.18E+01	-9.30E+01	2.02E+02	-1.22E-02	-5.45E+00
2.18E+01	-9.30E+01	2.02E+02	-2.69E-02	-5.46E+00
2.19E+01	-9.30E+01	2.02E+02	-1.71E-02	-5.47E+00
2.19E+01	-9.30E+01	2.02E+02	-2.20E-02	-5.48E+00
2.19E+01	-9.30E+01	2.02E+02	-9.77E-03	-5.47E+00
2.19E+01	-9.30E+01	2.02E+02	-1.10E-02	-5.48E+00
2.19E+01	-9.30E+01	2.03E+02	-3.66E-03	-5.50E+00
2.20E+01	-9.30E+01	2.02E+02	-7.32E-03	-5.50E+00
2.20E+01	-9.30E+01	2.02E+02	-7.32E-03	-5.51E+00
2.20E+01	-9.30E+01	2.02E+02	-1.46E-02	-5.51E+00
2.20E+01	-9.30E+01	2.02E+02	3.66E-03	-5.52E+00
2.20E+01	-9.30E+01	2.02E+02	8.54E-03	-5.52E+00
2.21E+01	-9.30E+01	2.03E+02	7.32E-03	-5.53E+00
2.21E+01	-9.30E+01	2.03E+02	7.32E-03	-5.53E+00
2.21E+01	-9.30E+01	2.03E+02	-2.32E-02	-5.54E+00
2.21E+01	-9.30E+01	2.03E+02	1.22E-03	-5.56E+00
2.21E+01	-9.30E+01	2.03E+02	-1.95E-02	-5.55E+00
2.22E+01	-9.30E+01	2.03E+02	-2.08E-02	-5.56E+00
2.22E+01	-9.30E+01	2.03E+02	-3.05E-02	-5.57E+00
2.22E+01	-9.30E+01	2.03E+02	-2.56E-02	-5.58E+00
2.22E+01	-9.30E+01	2.03E+02	-3.17E-02	-5.59E+00

2.22E+01	-9.30E+01	2.03E+02	-3.66E-02	-5.60E+00
2.23E+01	-9.30E+01	2.02E+02	-1.22E-02	-5.60E+00
2.23E+01	-9.30E+01	2.03E+02	-4.15E-02	-5.63E+00
2.23E+01	-9.30E+01	2.03E+02	-1.71E-02	-5.62E+00
2.23E+01	-9.30E+01	2.03E+02	2.44E-03	-5.62E+00
2.23E+01	-9.30E+01	2.03E+02	-2.44E-03	-5.62E+00
2.24E+01	-9.30E+01	2.03E+02	-1.46E-02	-5.62E+00
2.24E+01	-9.30E+01	2.03E+02	-1.46E-02	-5.63E+00
2.24E+01	-9.30E+01	2.03E+02	-1.95E-02	-5.64E+00
2.24E+01	-9.30E+01	2.03E+02	-1.83E-02	-5.64E+00
2.24E+01	-9.30E+01	2.03E+02	-5.62E-02	-5.66E+00
2.25E+01	-9.30E+01	2.03E+02	-3.42E-02	-5.65E+00
2.25E+01	-9.30E+01	2.03E+02	-2.93E-02	-5.69E+00
2.25E+01	-9.30E+01	2.03E+02	-2.44E-02	-5.70E+00
2.25E+01	-9.30E+01	2.03E+02	-1.22E-02	-5.70E+00
2.25E+01	-9.30E+01	2.03E+02	-2.20E-02	-5.70E+00
2.26E+01	-9.30E+01	2.03E+02	-8.54E-03	-5.71E+00
2.26E+01	-9.30E+01	2.03E+02	2.44E-03	-5.72E+00
2.26E+01	-9.30E+01	2.03E+02	-9.77E-03	-5.72E+00
2.26E+01	-9.30E+01	2.03E+02	-7.32E-03	-5.73E+00
2.26E+01	-9.30E+01	2.03E+02	4.88E-03	-5.74E+00
2.27E+01	-9.30E+01	2.03E+02	4.88E-03	-5.74E+00
2.27E+01	-9.30E+01	2.03E+02	-7.32E-03	-5.75E+00
2.27E+01	-9.30E+01	2.03E+02	-1.22E-02	-5.74E+00
2.27E+01	-9.30E+01	2.03E+02	-1.95E-02	-5.77E+00
2.27E+01	-9.30E+01	2.03E+02	2.69E-02	-5.77E+00
2.28E+01	-9.30E+01	2.03E+02	8.54E-03	-5.76E+00
2.28E+01	-9.30E+01	2.03E+02	-6.10E-03	-5.78E+00
2.28E+01	-9.30E+01	2.03E+02	-9.77E-03	-5.78E+00
2.28E+01	-9.30E+01	2.03E+02	-1.83E-02	-5.80E+00
2.28E+01	-9.30E+01	2.02E+02	-2.69E-02	-5.80E+00
2.29E+01	-9.30E+01	2.03E+02	-7.08E-02	-5.81E+00
2.29E+01	-9.30E+01	2.03E+02	-2.69E-02	-5.81E+00
2.29E+01	-9.30E+01	2.02E+02	-2.44E-02	-5.83E+00
2.29E+01	-9.30E+01	2.02E+02	-2.69E-02	-5.84E+00
2.29E+01	-9.30E+01	2.02E+02	-3.66E-02	-5.84E+00
2.30E+01	-9.30E+01	2.02E+02	-3.91E-02	-5.85E+00
2.30E+01	-9.30E+01	2.02E+02	-2.69E-02	-5.86E+00
2.30E+01	-9.30E+01	2.02E+02	-1.95E-02	-5.88E+00
2.30E+01	-9.30E+01	2.03E+02	-9.77E-03	-5.88E+00
2.30E+01	-9.30E+01	2.02E+02	-2.20E-02	-5.89E+00
2.31E+01	-9.30E+01	2.02E+02	1.22E-02	-5.89E+00
2.31E+01	-9.30E+01	2.02E+02	-1.22E-02	-5.90E+00
2.31E+01	-9.30E+01	2.02E+02	2.44E-03	-5.90E+00
2.31E+01	-9.30E+01	2.02E+02	2.44E-03	-5.90E+00
2.31E+01	-9.30E+01	2.02E+02	0.00E+00	-5.90E+00
2.32E+01	-9.30E+01	2.02E+02	-2.69E-02	-5.91E+00

2.32E+01	-9.30E+01	2.03E+02	-4.88E-03	-5.92E+00
2.32E+01	-9.30E+01	2.03E+02	4.88E-03	-5.92E+00
2.32E+01	-9.30E+01	2.02E+02	-4.88E-03	-5.93E+00
2.32E+01	-9.30E+01	2.02E+02	4.88E-03	-5.95E+00
2.33E+01	-9.30E+01	2.02E+02	0.00E+00	-5.95E+00
2.33E+01	-9.30E+01	2.02E+02	-1.22E-02	-5.96E+00
2.33E+01	-9.30E+01	2.02E+02	-2.44E-03	-5.96E+00
2.33E+01	-9.30E+01	2.02E+02	-1.46E-02	-5.97E+00
2.33E+01	-9.30E+01	2.02E+02	-1.46E-02	-5.98E+00
2.34E+01	-9.30E+01	2.02E+02	-7.32E-03	-5.98E+00
2.34E+01	-9.30E+01	2.02E+02	-4.88E-03	-5.99E+00
2.34E+01	-9.30E+01	2.02E+02	-1.46E-02	-6.00E+00
2.34E+01	-9.30E+01	2.02E+02	-1.22E-03	-6.00E+00
2.34E+01	-9.30E+01	2.02E+02	1.59E-02	-6.01E+00
2.35E+01	-9.30E+01	2.02E+02	-7.32E-03	-6.02E+00
2.35E+01	-9.30E+01	2.02E+02	-1.71E-02	-6.02E+00
2.35E+01	-9.30E+01	2.02E+02	-1.22E-03	-6.02E+00
2.35E+01	-9.30E+01	2.02E+02	-1.22E-02	-6.03E+00
2.35E+01	-9.30E+01	2.02E+02	-3.91E-02	-6.05E+00
2.36E+01	-9.30E+01	2.02E+02	-3.17E-02	-6.05E+00
2.36E+01	-9.30E+01	2.02E+02	-2.32E-02	-6.06E+00
2.36E+01	-9.30E+01	2.02E+02	-2.32E-02	-6.07E+00
2.36E+01	-9.30E+01	2.02E+02	-2.20E-02	-6.08E+00
2.36E+01	-9.30E+01	2.02E+02	-1.71E-02	-6.08E+00
2.37E+01	-9.30E+01	2.02E+02	-2.56E-02	-6.09E+00
2.37E+01	-9.30E+01	2.02E+02	-2.69E-02	-6.09E+00
2.37E+01	-9.30E+01	2.02E+02	-8.54E-03	-6.10E+00
2.37E+01	-9.30E+01	2.02E+02	-2.20E-02	-6.11E+00
2.37E+01	-9.30E+01	2.02E+02	-4.03E-02	-6.12E+00
2.38E+01	-9.30E+01	2.02E+02	-3.78E-02	-6.13E+00
2.38E+01	-9.30E+01	2.01E+02	-3.30E-02	-6.13E+00
2.38E+01	-9.30E+01	2.01E+02	-3.17E-02	-6.15E+00
2.38E+01	-9.30E+01	2.01E+02	-2.93E-02	-6.16E+00
2.38E+01	-9.30E+01	2.01E+02	-5.13E-02	-6.15E+00
2.39E+01	-9.30E+01	2.01E+02	-7.32E-03	-6.17E+00
2.39E+01	-9.30E+01	2.01E+02	-1.22E-02	-6.18E+00
2.39E+01	-9.30E+01	2.01E+02	-1.95E-02	-6.19E+00
2.39E+01	-9.30E+01	2.01E+02	-3.17E-02	-6.19E+00
2.39E+01	-9.30E+01	2.02E+02	-3.54E-02	-6.20E+00
2.40E+01	-9.30E+01	2.02E+02	-3.91E-02	-6.20E+00
2.40E+01	-9.30E+01	2.01E+02	-3.91E-02	-6.21E+00
2.40E+01	-9.30E+01	2.01E+02	-7.32E-03	-6.22E+00
2.40E+01	-9.30E+01	2.01E+02	-1.46E-02	-6.24E+00
2.40E+01	-9.30E+01	2.01E+02	-1.46E-02	-6.23E+00
2.41E+01	-9.30E+01	2.02E+02	1.22E-03	-6.23E+00
2.41E+01	-9.30E+01	2.01E+02	-9.77E-03	-6.25E+00
2.41E+01	-9.30E+01	2.01E+02	-7.32E-03	-6.25E+00

2.41E+01	-9.30E+01	2.02E+02	1.22E-02	-6.24E+00
2.41E+01	-9.30E+01	2.02E+02	-1.10E-02	-6.26E+00
2.42E+01	-9.30E+01	2.02E+02	-1.46E-02	-6.26E+00
2.42E+01	-9.30E+01	2.02E+02	-9.77E-03	-6.27E+00
2.42E+01	-9.30E+01	2.02E+02	-1.71E-02	-6.28E+00
2.42E+01	-9.30E+01	2.02E+02	-2.69E-02	-6.28E+00
2.42E+01	-9.30E+01	2.01E+02	-1.59E-02	-6.29E+00
2.43E+01	-9.30E+01	2.02E+02	-3.17E-02	-6.30E+00
2.43E+01	-9.30E+01	2.02E+02	-3.66E-02	-6.31E+00
2.43E+01	-9.30E+01	2.02E+02	-2.20E-02	-6.31E+00
2.43E+01	-9.30E+01	2.02E+02	-2.08E-02	-6.32E+00
2.43E+01	-9.30E+01	2.02E+02	-1.22E-02	-6.33E+00
2.44E+01	-9.30E+01	2.02E+02	-3.66E-02	-6.34E+00
2.44E+01	-9.30E+01	2.02E+02	-4.39E-02	-6.35E+00
2.44E+01	-9.30E+01	2.02E+02	-2.93E-02	-6.34E+00
2.44E+01	-9.30E+01	2.02E+02	-2.93E-02	-6.36E+00
2.44E+01	-9.30E+01	2.01E+02	-3.17E-02	-6.37E+00
2.45E+01	-9.30E+01	2.02E+02	-3.17E-02	-6.38E+00
2.45E+01	-9.30E+01	2.02E+02	-3.91E-02	-6.38E+00
2.45E+01	-9.30E+01	2.02E+02	-2.93E-02	-6.39E+00
2.45E+01	-9.30E+01	2.02E+02	-9.77E-03	-6.40E+00
2.45E+01	-9.30E+01	2.02E+02	-3.42E-02	-6.41E+00
2.46E+01	-9.30E+01	2.02E+02	-5.13E-02	-6.41E+00
2.46E+01	-9.30E+01	2.02E+02	-4.15E-02	-6.42E+00
2.46E+01	-9.30E+01	2.01E+02	-2.56E-02	-6.42E+00
2.46E+01	-9.30E+01	2.02E+02	-3.66E-02	-6.43E+00
2.46E+01	-9.30E+01	2.02E+02	-3.17E-02	-6.44E+00
2.47E+01	-9.30E+01	2.02E+02	-5.37E-02	-6.45E+00
2.47E+01	-9.30E+01	2.02E+02	-2.69E-02	-6.45E+00
2.47E+01	-9.30E+01	2.02E+02	-1.59E-02	-6.47E+00
2.47E+01	-9.30E+01	2.02E+02	-2.08E-02	-6.48E+00
2.47E+01	-9.30E+01	2.01E+02	-2.69E-02	-6.48E+00
2.48E+01	-9.30E+01	2.02E+02	-1.95E-02	-6.49E+00
2.48E+01	-9.30E+01	2.02E+02	-2.44E-02	-6.49E+00
2.48E+01	-9.30E+01	2.02E+02	-3.17E-02	-6.50E+00
2.48E+01	-9.30E+01	2.02E+02	-4.64E-02	-6.52E+00
2.48E+01	-9.30E+01	2.02E+02	-2.20E-02	-6.53E+00
2.49E+01	-9.30E+01	2.02E+02	-2.44E-02	-6.52E+00
2.49E+01	-9.30E+01	2.01E+02	7.32E-03	-6.53E+00
2.49E+01	-9.30E+01	2.02E+02	-1.83E-02	-6.55E+00
2.49E+01	-9.30E+01	2.02E+02	-7.32E-03	-6.54E+00
2.49E+01	-9.30E+01	2.02E+02	-7.32E-03	-6.54E+00
2.50E+01	-9.30E+01	2.02E+02	-9.77E-03	-6.55E+00
2.50E+01	-9.30E+01	2.02E+02	4.88E-03	-6.56E+00
2.50E+01	-9.30E+01	2.02E+02	1.95E-02	-6.57E+00
2.50E+01	-9.30E+01	2.02E+02	-1.46E-02	-6.58E+00
2.50E+01	-9.30E+01	2.01E+02	-7.32E-03	-6.59E+00

2.51E+01	-9.30E+01	2.02E+02	-2.69E-02	-6.60E+00
2.51E+01	-9.30E+01	2.02E+02	9.77E-03	-6.59E+00
2.51E+01	-9.30E+01	2.02E+02	-3.54E-02	-6.61E+00
2.51E+01	-9.30E+01	2.02E+02	-9.77E-03	-6.61E+00
2.51E+01	-9.30E+01	2.02E+02	-9.77E-03	-6.61E+00
2.52E+01	-9.30E+01	2.02E+02	-4.88E-03	-6.62E+00
2.52E+01	-9.30E+01	2.02E+02	2.44E-03	-6.63E+00
2.52E+01	-9.30E+01	2.02E+02	-1.10E-02	-6.64E+00
2.52E+01	-9.30E+01	2.02E+02	2.44E-03	-6.64E+00
2.52E+01	-9.30E+01	2.02E+02	-1.46E-02	-6.64E+00
2.53E+01	-9.30E+01	2.02E+02	7.32E-03	-6.65E+00
2.53E+01	-9.30E+01	2.02E+02	-1.83E-02	-6.67E+00
2.53E+01	-9.30E+01	2.02E+02	-4.39E-02	-6.67E+00
2.53E+01	-9.30E+01	2.02E+02	-2.20E-02	-6.67E+00
2.53E+01	-9.30E+01	2.02E+02	-2.56E-02	-6.69E+00
2.54E+01	-9.30E+01	2.02E+02	-2.93E-02	-6.69E+00
2.54E+01	-9.30E+01	2.02E+02	-3.66E-02	-6.70E+00
2.54E+01	-9.30E+01	2.02E+02	-3.17E-02	-6.70E+00
2.54E+01	-9.30E+01	2.02E+02	-2.69E-02	-6.71E+00
2.54E+01	-9.30E+01	2.02E+02	-5.00E-02	-6.73E+00
2.55E+01	-9.30E+01	2.02E+02	-3.05E-02	-6.73E+00
2.55E+01	-9.30E+01	2.01E+02	-3.42E-02	-6.74E+00
2.55E+01	-9.30E+01	2.01E+02	-1.22E-03	-6.75E+00
2.55E+01	-9.30E+01	2.02E+02	-1.95E-02	-6.77E+00
2.55E+01	-9.30E+01	2.02E+02	-1.46E-02	-6.76E+00
2.56E+01	-9.30E+01	2.02E+02	-2.32E-02	-6.77E+00
2.56E+01	-9.30E+01	2.02E+02	-3.66E-03	-6.77E+00
2.56E+01	-9.30E+01	2.02E+02	8.54E-03	-6.78E+00
2.56E+01	-9.30E+01	2.02E+02	-9.77E-03	-6.77E+00
2.56E+01	-9.30E+01	2.02E+02	0.00E+00	-6.78E+00
2.57E+01	-9.30E+01	2.02E+02	-1.34E-02	-6.80E+00
2.57E+01	-9.30E+01	2.02E+02	-4.15E-02	-6.81E+00
2.57E+01	-9.30E+01	2.02E+02	-2.81E-02	-6.81E+00
2.57E+01	-9.30E+01	2.02E+02	-2.44E-02	-6.82E+00
2.57E+01	-9.30E+01	2.02E+02	-9.77E-03	-6.83E+00
2.58E+01	-9.30E+01	2.02E+02	-3.17E-02	-6.84E+00
2.58E+01	-9.30E+01	2.02E+02	-4.39E-02	-6.85E+00
2.58E+01	-9.30E+01	2.02E+02	4.88E-03	-6.85E+00
2.58E+01	-9.30E+01	2.02E+02	0.00E+00	-6.86E+00
2.58E+01	-9.30E+01	2.02E+02	-9.77E-03	-6.86E+00
2.59E+01	-9.30E+01	2.02E+02	-1.22E-03	-6.86E+00
2.59E+01	-9.30E+01	2.02E+02	0.00E+00	-6.87E+00
2.59E+01	-9.30E+01	2.02E+02	-1.71E-02	-6.88E+00
2.59E+01	-9.30E+01	2.02E+02	-4.27E-02	-6.89E+00
2.59E+01	-9.30E+01	2.03E+02	-1.95E-02	-6.89E+00
2.60E+01	-9.30E+01	2.02E+02	-2.93E-02	-6.92E+00
2.60E+01	-9.30E+01	2.02E+02	-2.93E-02	-6.91E+00

2.60E+01	-9.30E+01	2.02E+02	-3.91E-02	-6.92E+00
2.60E+01	-9.30E+01	2.02E+02	-3.66E-02	-6.92E+00
2.60E+01	-9.30E+01	2.03E+02	-2.32E-02	-6.94E+00
2.61E+01	-9.30E+01	2.02E+02	-2.44E-02	-6.95E+00
2.61E+01	-9.30E+01	2.03E+02	-3.54E-02	-6.95E+00
2.61E+01	-9.30E+01	2.03E+02	-3.42E-02	-6.96E+00
2.61E+01	-9.30E+01	2.03E+02	-3.66E-02	-6.97E+00
2.61E+01	-9.30E+01	2.02E+02	-1.83E-02	-6.98E+00
2.62E+01	-9.30E+01	2.02E+02	-2.69E-02	-6.98E+00
2.62E+01	-9.30E+01	2.03E+02	-5.62E-02	-6.99E+00
2.62E+01	-9.30E+01	2.02E+02	-3.17E-02	-7.00E+00
2.62E+01	-9.30E+01	2.03E+02	-5.13E-02	-7.01E+00
2.62E+01	-9.30E+01	2.03E+02	-1.59E-02	-7.01E+00
2.63E+01	-9.30E+01	2.03E+02	-2.32E-02	-7.02E+00
2.63E+01	-9.30E+01	2.03E+02	-2.93E-02	-7.02E+00
2.63E+01	-9.30E+01	2.03E+02	-9.77E-03	-7.02E+00
2.63E+01	-9.30E+01	2.03E+02	-8.54E-03	-7.04E+00
2.63E+01	-9.30E+01	2.03E+02	-1.95E-02	-7.05E+00
2.64E+01	-9.30E+01	2.03E+02	-4.88E-03	-7.05E+00
2.64E+01	-9.30E+01	2.02E+02	-1.22E-03	-7.05E+00
2.64E+01	-9.30E+01	2.03E+02	-8.54E-03	-7.07E+00
2.64E+01	-9.30E+01	2.03E+02	-9.77E-03	-7.07E+00
2.64E+01	-9.30E+01	2.03E+02	-7.32E-03	-7.08E+00
2.65E+01	-9.30E+01	2.02E+02	7.32E-03	-7.08E+00
2.65E+01	-9.30E+01	2.01E+02	-3.66E-03	-7.08E+00
2.65E+01	-9.30E+01	2.01E+02	7.32E-03	-7.08E+00
2.65E+01	-9.30E+01	2.00E+02	-4.88E-03	-7.08E+00
2.65E+01	-9.30E+01	1.98E+02	-1.95E-02	-7.07E+00
2.66E+01	-9.30E+01	1.92E+02	1.46E-02	-7.07E+00
2.66E+01	-9.30E+01	1.86E+02	-2.08E-02	-7.08E+00
2.66E+01	-9.30E+01	1.86E+02	-2.69E-02	-7.07E+00
2.66E+01	-9.30E+01	1.86E+02	-3.66E-02	-7.08E+00
2.66E+01	-9.30E+01	1.88E+02	-2.44E-02	-7.08E+00
2.67E+01	-9.30E+01	1.89E+02	-1.34E-02	-7.09E+00
2.67E+01	-9.30E+01	1.93E+02	-2.44E-02	-7.09E+00
2.67E+01	-9.30E+01	1.97E+02	-1.95E-02	-7.07E+00
2.67E+01	-9.30E+01	1.97E+02	1.34E-02	-7.08E+00
2.67E+01	-9.30E+01	1.94E+02	-4.88E-03	-7.08E+00
2.68E+01	-9.30E+01	1.92E+02	-1.34E-02	-7.07E+00
2.68E+01	-9.30E+01	1.90E+02	-3.66E-03	-7.07E+00
2.68E+01	-9.30E+01	1.89E+02	1.95E-02	-7.07E+00
2.68E+01	-9.30E+01	1.88E+02	2.44E-03	-7.07E+00
2.68E+01	-9.30E+01	1.88E+02	0.00E+00	-7.07E+00
2.69E+01	-9.30E+01	1.88E+02	-7.32E-03	-7.07E+00
2.69E+01	-9.30E+01	1.88E+02	-7.32E-03	-7.07E+00
2.69E+01	-9.30E+01	1.88E+02	-1.46E-02	-7.06E+00
2.69E+01	-9.30E+01	1.87E+02	-7.32E-03	-7.06E+00

2.69E+01	-9.30E+01	1.87E+02	-1.95E-02	-7.05E+00
2.70E+01	-9.30E+01	1.87E+02	-1.10E-02	-7.06E+00
2.70E+01	-9.30E+01	1.87E+02	-2.44E-02	-7.06E+00
2.70E+01	-9.30E+01	1.87E+02	-3.66E-02	-7.06E+00
2.70E+01	-9.30E+01	1.87E+02	-3.54E-02	-7.06E+00
2.70E+01	-9.30E+01	1.87E+02	-5.25E-02	-7.06E+00
2.71E+01	-9.30E+01	1.87E+02	-2.81E-02	-7.06E+00
2.71E+01	-9.30E+01	1.87E+02	-2.81E-02	-7.06E+00
2.71E+01	-9.30E+01	1.87E+02	-1.95E-02	-7.05E+00
2.71E+01	-9.30E+01	1.87E+02	-3.42E-02	-7.06E+00
2.71E+01	-9.30E+01	1.87E+02	-1.95E-02	-7.06E+00
2.72E+01	-9.30E+01	1.87E+02	-3.17E-02	-7.06E+00
2.72E+01	-9.30E+01	1.87E+02	-3.54E-02	-7.06E+00
2.72E+01	-9.30E+01	1.87E+02	-3.42E-02	-7.05E+00
2.72E+01	-9.30E+01	1.87E+02	-2.93E-02	-7.06E+00
2.72E+01	-9.30E+01	1.87E+02	-2.44E-02	-7.05E+00
2.73E+01	-9.30E+01	1.87E+02	-1.71E-02	-7.05E+00
2.73E+01	-9.30E+01	1.87E+02	-3.42E-02	-7.04E+00
2.73E+01	-9.30E+01	1.87E+02	-2.44E-02	-7.05E+00
2.73E+01	-9.30E+01	1.87E+02	-1.22E-02	-7.06E+00
2.73E+01	-9.30E+01	1.87E+02	9.77E-03	-7.04E+00
2.74E+01	-9.30E+01	1.87E+02	-9.77E-03	-7.04E+00
2.74E+01	-9.30E+01	1.87E+02	-2.44E-03	-7.02E+00
2.74E+01	-9.30E+01	1.87E+02	-3.66E-03	-7.02E+00
2.74E+01	-9.30E+01	1.87E+02	-1.10E-02	-7.02E+00
2.74E+01	-9.30E+01	1.87E+02	-2.20E-02	-7.02E+00
2.75E+01	-9.30E+01	1.87E+02	-7.32E-03	-7.02E+00
2.75E+01	-9.30E+01	1.87E+02	-2.69E-02	-7.01E+00
2.75E+01	-9.30E+01	1.87E+02	-2.20E-02	-7.02E+00
2.75E+01	-9.30E+01	1.87E+02	-2.69E-02	-7.02E+00
2.75E+01	-9.30E+01	1.87E+02	0.00E+00	-7.02E+00
2.76E+01	-9.30E+01	1.87E+02	-2.93E-02	-7.01E+00
2.76E+01	-9.30E+01	1.87E+02	-2.93E-02	-7.02E+00
2.76E+01	-9.30E+01	1.87E+02	-2.93E-02	-7.02E+00
2.76E+01	-9.30E+01	1.87E+02	-4.15E-02	-7.02E+00
2.76E+01	-9.30E+01	1.87E+02	-2.69E-02	-7.01E+00
2.77E+01	-9.30E+01	1.87E+02	-2.44E-02	-7.02E+00
2.77E+01	-9.30E+01	1.87E+02	-1.34E-02	-7.02E+00
2.77E+01	-9.30E+01	1.87E+02	-3.66E-02	-7.01E+00
2.77E+01	-9.30E+01	1.87E+02	0.00E+00	-6.99E+00
2.77E+01	-9.30E+01	1.87E+02	-7.32E-03	-7.01E+00
2.78E+01	-9.30E+01	1.87E+02	-7.32E-03	-7.01E+00
2.78E+01	-9.30E+01	1.87E+02	-1.10E-02	-7.00E+00
2.78E+01	-9.30E+01	1.87E+02	-8.54E-03	-6.99E+00
2.78E+01	-9.30E+01	1.87E+02	1.22E-02	-6.99E+00
2.78E+01	-9.30E+01	1.87E+02	-4.88E-03	-6.99E+00
2.79E+01	-9.30E+01	1.87E+02	-1.22E-02	-6.99E+00

2.79E+01	-9.30E+01	1.87E+02	-3.30E-02	-6.99E+00
2.79E+01	-9.30E+01	1.87E+02	-1.59E-02	-6.98E+00
2.79E+01	-9.30E+01	1.87E+02	-5.98E-02	-6.99E+00
2.79E+01	-9.30E+01	1.87E+02	-4.15E-02	-6.98E+00
2.80E+01	-9.30E+01	1.87E+02	-3.66E-02	-6.98E+00
2.80E+01	-9.30E+01	1.87E+02	-7.32E-03	-6.98E+00
2.80E+01	-9.30E+01	1.87E+02	-3.17E-02	-6.99E+00
2.80E+01	-9.30E+01	1.86E+02	-2.44E-03	-6.98E+00
2.80E+01	-9.30E+01	1.87E+02	-2.56E-02	-6.98E+00
2.81E+01	-9.30E+01	1.86E+02	-7.32E-03	-6.98E+00
2.81E+01	-9.30E+01	1.86E+02	-2.32E-02	-6.98E+00
2.81E+01	-9.30E+01	1.86E+02	-1.22E-02	-6.97E+00
2.81E+01	-9.30E+01	1.87E+02	3.66E-03	-6.97E+00
2.81E+01	-9.30E+01	1.86E+02	2.44E-03	-6.97E+00
2.82E+01	-9.30E+01	1.86E+02	-4.88E-03	-6.97E+00
2.82E+01	-9.30E+01	1.86E+02	-3.05E-02	-6.97E+00
2.82E+01	-9.30E+01	1.86E+02	-8.54E-03	-6.95E+00
2.82E+01	-9.30E+01	1.86E+02	-7.32E-03	-6.96E+00
2.82E+01	-9.30E+01	1.87E+02	-8.54E-03	-6.96E+00
2.83E+01	-9.30E+01	1.87E+02	-8.54E-03	-6.96E+00
2.83E+01	-9.30E+01	1.86E+02	-3.66E-03	-6.95E+00
2.83E+01	-9.30E+01	1.87E+02	-1.22E-02	-6.95E+00
2.83E+01	-9.30E+01	1.86E+02	0.00E+00	-6.94E+00
2.83E+01	-9.30E+01	1.86E+02	-2.20E-02	-6.95E+00
2.84E+01	-9.30E+01	1.86E+02	-1.59E-02	-6.95E+00
2.84E+01	-9.30E+01	1.86E+02	-2.20E-02	-6.96E+00
2.84E+01	-9.30E+01	1.86E+02	-2.20E-02	-6.96E+00
2.84E+01	-9.30E+01	1.86E+02	-1.83E-02	-6.96E+00
2.84E+01	-9.30E+01	1.86E+02	-3.66E-03	-6.94E+00
2.85E+01	-9.30E+01	1.86E+02	1.22E-02	-6.94E+00
2.85E+01	-9.30E+01	1.86E+02	-7.32E-03	-6.94E+00
2.85E+01	-9.30E+01	1.87E+02	-1.71E-02	-6.93E+00
2.85E+01	-9.30E+01	1.86E+02	-1.71E-02	-6.93E+00
2.85E+01	-9.30E+01	1.86E+02	-2.81E-02	-6.92E+00
2.86E+01	-9.30E+01	1.86E+02	-4.52E-02	-6.93E+00
2.86E+01	-9.30E+01	1.86E+02	-2.44E-02	-6.93E+00
2.86E+01	-9.30E+01	1.86E+02	-3.66E-02	-6.92E+00
2.86E+01	-9.30E+01	1.86E+02	-3.17E-02	-6.93E+00
2.86E+01	-9.30E+01	1.86E+02	-3.54E-02	-6.93E+00
2.87E+01	-9.30E+01	1.86E+02	-4.88E-02	-6.93E+00
2.87E+01	-9.30E+01	1.86E+02	-1.95E-02	-6.93E+00
2.87E+01	-9.30E+01	1.86E+02	-6.10E-03	-6.92E+00
2.87E+01	-9.30E+01	1.86E+02	-1.10E-02	-6.92E+00
2.87E+01	-9.30E+01	1.86E+02	-1.22E-03	-6.92E+00
2.88E+01	-9.30E+01	1.86E+02	2.69E-02	-6.91E+00
2.88E+01	-9.30E+01	1.86E+02	-4.88E-03	-6.91E+00
2.88E+01	-9.30E+01	1.86E+02	-2.44E-03	-6.90E+00

2.88E+01	-9.30E+01	1.86E+02	-4.88E-03	-6.90E+00
2.88E+01	-9.30E+01	1.86E+02	-2.44E-02	-6.90E+00
2.89E+01	-9.30E+01	1.86E+02	-2.44E-02	-6.90E+00
2.89E+01	-9.30E+01	1.86E+02	-2.56E-02	-6.90E+00
2.89E+01	-9.30E+01	1.86E+02	-8.54E-03	-6.89E+00
2.89E+01	-9.30E+01	1.86E+02	-1.71E-02	-6.90E+00
2.89E+01	-9.30E+01	1.86E+02	-2.69E-02	-6.90E+00
2.90E+01	-9.30E+01	1.86E+02	-4.27E-02	-6.90E+00
2.90E+01	-9.30E+01	1.86E+02	-2.56E-02	-6.90E+00
2.90E+01	-9.30E+01	1.86E+02	-3.17E-02	-6.90E+00
2.90E+01	-9.30E+01	1.86E+02	-1.46E-02	-6.90E+00
2.90E+01	-9.30E+01	1.86E+02	-1.22E-03	-6.89E+00
2.91E+01	-9.30E+01	1.86E+02	-7.32E-03	-6.89E+00
2.91E+01	-9.30E+01	1.86E+02	0.00E+00	-6.88E+00
2.91E+01	-9.30E+01	1.86E+02	8.54E-03	-6.89E+00
2.91E+01	-9.30E+01	1.86E+02	-1.95E-02	-6.87E+00
2.91E+01	-9.30E+01	1.86E+02	7.32E-03	-6.87E+00
2.92E+01	-9.30E+01	1.86E+02	-3.91E-02	-6.88E+00
2.92E+01	-9.30E+01	1.86E+02	-3.17E-02	-6.89E+00
2.92E+01	-9.30E+01	1.86E+02	-8.54E-03	-6.89E+00
2.92E+01	-9.30E+01	1.86E+02	-1.34E-02	-6.90E+00
2.92E+01	-9.30E+01	1.86E+02	1.22E-03	-6.87E+00
2.93E+01	-9.30E+01	1.86E+02	1.46E-02	-6.87E+00
2.93E+01	-9.30E+01	1.86E+02	9.77E-03	-6.86E+00
2.93E+01	-9.30E+01	1.86E+02	0.00E+00	-6.87E+00
2.93E+01	-9.30E+01	1.86E+02	-3.66E-03	-6.86E+00
2.93E+01	-9.30E+01	1.86E+02	-1.83E-02	-6.86E+00
2.94E+01	-9.30E+01	1.86E+02	-1.95E-02	-6.86E+00
2.94E+01	-9.30E+01	1.86E+02	-1.46E-02	-6.86E+00
2.94E+01	-9.30E+01	1.86E+02	-3.05E-02	-6.85E+00
2.94E+01	-9.30E+01	1.86E+02	-2.69E-02	-6.85E+00
2.94E+01	-9.30E+01	1.86E+02	-1.71E-02	-6.85E+00
2.95E+01	-9.30E+01	1.86E+02	-1.95E-02	-6.86E+00
2.95E+01	-9.30E+01	1.86E+02	-4.88E-03	-6.85E+00
2.95E+01	-9.30E+01	1.86E+02	-3.17E-02	-6.85E+00
2.95E+01	-9.30E+01	1.86E+02	-2.93E-02	-6.86E+00
2.95E+01	-9.30E+01	1.86E+02	-2.44E-02	-6.86E+00
2.96E+01	-9.30E+01	1.85E+02	-2.20E-02	-6.85E+00
2.96E+01	-9.30E+01	1.86E+02	-1.22E-02	-6.85E+00
2.96E+01	-9.30E+01	1.86E+02	-4.88E-03	-6.85E+00
2.96E+01	-9.30E+01	1.86E+02	-1.46E-02	-6.84E+00
2.96E+01	-9.30E+01	1.86E+02	-9.77E-03	-6.83E+00
2.97E+01	-9.30E+01	1.86E+02	-4.88E-03	-6.83E+00
2.97E+01	-9.30E+01	1.86E+02	8.54E-03	-6.83E+00
2.97E+01	-9.30E+01	1.86E+02	-2.20E-02	-6.83E+00
2.97E+01	-9.30E+01	1.86E+02	-5.86E-02	-6.84E+00
2.97E+01	-9.30E+01	1.85E+02	-1.95E-02	-6.83E+00

2.98E+01	-9.30E+01	1.86E+02	-2.93E-02	-6.83E+00
2.98E+01	-9.30E+01	1.86E+02	-4.76E-02	-6.83E+00
2.98E+01	-9.30E+01	1.86E+02	-2.93E-02	-6.83E+00
2.98E+01	-9.30E+01	1.86E+02	-2.44E-02	-6.83E+00
2.98E+01	-9.30E+01	1.85E+02	-1.95E-02	-6.83E+00
2.99E+01	-9.30E+01	1.86E+02	-2.93E-02	-6.83E+00
2.99E+01	-9.30E+01	1.85E+02	-2.20E-02	-6.83E+00
2.99E+01	-9.30E+01	1.85E+02	-7.32E-03	-6.82E+00
2.99E+01	-9.30E+01	1.86E+02	7.32E-03	-6.82E+00
2.99E+01	-9.30E+01	1.86E+02	1.22E-02	-6.81E+00
3.00E+01	-9.30E+01	1.86E+02	-1.22E-03	-6.81E+00
3.00E+01	-9.30E+01	1.86E+02	-2.44E-03	-6.81E+00
3.00E+01	-9.30E+01	1.86E+02	-3.42E-02	-6.82E+00
3.00E+01	-9.30E+01	1.86E+02	-2.81E-02	-6.80E+00
3.00E+01	-9.30E+01	1.86E+02	-2.32E-02	-6.81E+00
3.01E+01	-9.30E+01	1.85E+02	-9.77E-03	-6.81E+00
3.01E+01	-9.30E+01	1.85E+02	-2.93E-02	-6.81E+00
3.01E+01	-9.30E+01	1.86E+02	-2.32E-02	-6.81E+00
3.01E+01	-9.30E+01	1.86E+02	4.88E-03	-6.80E+00
3.01E+01	-9.30E+01	1.86E+02	-7.32E-03	-6.80E+00
3.02E+01	-9.30E+01	1.86E+02	0.00E+00	-6.79E+00
3.02E+01	-9.30E+01	1.86E+02	-2.44E-03	-6.79E+00
3.02E+01	-9.30E+01	1.86E+02	-1.95E-02	-6.79E+00
3.02E+01	-9.30E+01	1.85E+02	-2.08E-02	-6.79E+00
3.02E+01	-9.30E+01	1.86E+02	-2.81E-02	-6.77E+00
3.03E+01	-9.30E+01	1.86E+02	-1.71E-02	-6.79E+00
3.03E+01	-9.30E+01	1.85E+02	-3.42E-02	-6.80E+00
3.03E+01	-9.30E+01	1.85E+02	-2.44E-02	-6.78E+00
3.03E+01	-9.30E+01	1.86E+02	-3.91E-02	-6.79E+00
3.03E+01	-9.30E+01	1.85E+02	-2.44E-02	-6.78E+00
3.04E+01	-9.30E+01	1.85E+02	-1.46E-02	-6.79E+00
3.04E+01	-9.30E+01	1.85E+02	-1.71E-02	-6.79E+00
3.04E+01	-9.30E+01	1.85E+02	-2.20E-02	-6.78E+00
3.04E+01	-9.30E+01	1.85E+02	1.46E-02	-6.77E+00
3.04E+01	-9.30E+01	1.85E+02	-9.77E-03	-6.77E+00
3.05E+01	-9.30E+01	1.85E+02	7.32E-03	-6.75E+00
3.05E+01	-9.30E+01	1.85E+02	-1.10E-02	-6.76E+00
3.05E+01	-9.30E+01	1.86E+02	-2.44E-03	-6.76E+00
3.05E+01	-9.30E+01	1.85E+02	-1.59E-02	-6.76E+00
3.05E+01	-9.30E+01	1.85E+02	-3.17E-02	-6.76E+00
3.06E+01	-9.30E+01	1.85E+02	-2.93E-02	-6.76E+00
3.06E+01	-9.30E+01	1.85E+02	-2.81E-02	-6.76E+00
3.06E+01	-9.30E+01	1.85E+02	-4.15E-02	-6.77E+00
3.06E+01	-9.30E+01	1.85E+02	-3.91E-02	-6.76E+00
3.06E+01	-9.30E+01	1.85E+02	-1.71E-02	-6.76E+00
3.07E+01	-9.30E+01	1.85E+02	-9.77E-03	-6.76E+00
3.07E+01	-9.30E+01	1.85E+02	-9.77E-03	-6.75E+00

3.07E+01	-9.30E+01	1.85E+02	1.22E-03	-6.74E+00
3.07E+01	-9.30E+01	1.85E+02	-4.88E-03	-6.75E+00
3.07E+01	-9.30E+01	1.85E+02	-1.95E-02	-6.74E+00
3.08E+01	-9.30E+01	1.85E+02	-2.20E-02	-6.74E+00
3.08E+01	-9.30E+01	1.85E+02	-3.05E-02	-6.75E+00
3.08E+01	-9.30E+01	1.85E+02	-4.27E-02	-6.75E+00
3.08E+01	-9.30E+01	1.85E+02	-3.91E-02	-6.74E+00
3.08E+01	-9.30E+01	1.85E+02	-3.17E-02	-6.74E+00
3.09E+01	-9.30E+01	1.85E+02	-1.95E-02	-6.75E+00
3.09E+01	-9.30E+01	1.85E+02	-1.95E-02	-6.74E+00
3.09E+01	-9.30E+01	1.85E+02	-2.44E-02	-6.74E+00
3.09E+01	-9.30E+01	1.85E+02	-4.88E-03	-6.74E+00
3.09E+01	-9.30E+01	1.85E+02	1.46E-02	-6.73E+00
3.10E+01	-9.30E+01	1.85E+02	2.44E-03	-6.73E+00
3.10E+01	-9.30E+01	1.85E+02	-1.83E-02	-6.73E+00
3.10E+01	-9.30E+01	1.85E+02	-2.44E-03	-6.72E+00
3.10E+01	-9.30E+01	1.85E+02	-9.77E-03	-6.72E+00
3.10E+01	-9.30E+01	1.85E+02	-2.69E-02	-6.72E+00
3.11E+01	-9.30E+01	1.84E+02	-2.56E-02	-6.72E+00
3.11E+01	-9.30E+01	1.85E+02	-9.77E-03	-6.70E+00
3.11E+01	-9.30E+01	1.85E+02	-2.69E-02	-6.72E+00
3.11E+01	-9.30E+01	1.84E+02	-2.81E-02	-6.71E+00
3.11E+01	-9.30E+01	1.84E+02	-3.17E-02	-6.72E+00
3.12E+01	-9.30E+01	1.84E+02	-2.81E-02	-6.71E+00
3.12E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.72E+00
3.12E+01	-9.30E+01	1.84E+02	-3.42E-02	-6.72E+00
3.12E+01	-9.30E+01	1.84E+02	-1.46E-02	-6.71E+00
3.12E+01	-9.30E+01	1.84E+02	1.22E-02	-6.71E+00
3.13E+01	-9.30E+01	1.84E+02	4.88E-03	-6.69E+00
3.13E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.71E+00
3.13E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.70E+00
3.13E+01	-9.30E+01	1.84E+02	-1.46E-02	-6.68E+00
3.13E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.70E+00
3.14E+01	-9.30E+01	1.84E+02	7.32E-03	-6.70E+00
3.14E+01	-9.30E+01	1.84E+02	9.77E-03	-6.70E+00
3.14E+01	-9.30E+01	1.84E+02	-1.10E-02	-6.68E+00
3.14E+01	-9.30E+01	1.84E+02	-3.17E-02	-6.69E+00
3.14E+01	-9.30E+01	1.84E+02	6.10E-03	-6.68E+00
3.15E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.68E+00
3.15E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.68E+00
3.15E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.68E+00
3.15E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.67E+00
3.15E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.68E+00
3.16E+01	-9.30E+01	1.84E+02	-3.05E-02	-6.67E+00
3.16E+01	-9.30E+01	1.83E+02	-1.22E-02	-6.67E+00
3.16E+01	-9.30E+01	1.84E+02	-2.32E-02	-6.67E+00
3.16E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.67E+00

3.16E+01	-9.30E+01	1.84E+02	-3.30E-02	-6.67E+00
3.17E+01	-9.30E+01	1.83E+02	-2.69E-02	-6.67E+00
3.17E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.68E+00
3.17E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.68E+00
3.17E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.67E+00
3.17E+01	-9.30E+01	1.83E+02	-2.44E-03	-6.67E+00
3.18E+01	-9.30E+01	1.83E+02	7.32E-03	-6.66E+00
3.18E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.66E+00
3.18E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.65E+00
3.18E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.65E+00
3.18E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.64E+00
3.19E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.65E+00
3.19E+01	-9.30E+01	1.83E+02	-5.62E-02	-6.65E+00
3.19E+01	-9.30E+01	1.83E+02	-3.17E-02	-6.65E+00
3.19E+01	-9.30E+01	1.83E+02	-3.66E-03	-6.66E+00
3.19E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.66E+00
3.20E+01	-9.30E+01	1.83E+02	0.00E+00	-6.65E+00
3.20E+01	-9.30E+01	1.83E+02	3.66E-03	-6.64E+00
3.20E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.64E+00
3.20E+01	-9.30E+01	1.83E+02	-3.66E-03	-6.63E+00
3.20E+01	-9.30E+01	1.83E+02	-1.22E-02	-6.63E+00
3.21E+01	-9.30E+01	1.83E+02	6.10E-03	-6.62E+00
3.21E+01	-9.30E+01	1.83E+02	-3.05E-02	-6.63E+00
3.21E+01	-9.30E+01	1.83E+02	-3.42E-02	-6.63E+00
3.21E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.63E+00
3.21E+01	-9.30E+01	1.83E+02	-2.93E-02	-6.64E+00
3.22E+01	-9.30E+01	1.83E+02	-3.91E-02	-6.63E+00
3.22E+01	-9.30E+01	1.83E+02	-2.69E-02	-6.63E+00
3.22E+01	-9.30E+01	1.82E+02	-2.08E-02	-6.63E+00
3.22E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.63E+00
3.22E+01	-9.30E+01	1.82E+02	2.44E-03	-6.62E+00
3.23E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.62E+00
3.23E+01	-9.30E+01	1.82E+02	9.77E-03	-6.62E+00
3.23E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.61E+00
3.23E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.61E+00
3.23E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.59E+00
3.24E+01	-9.30E+01	1.83E+02	-1.22E-03	-6.60E+00
3.24E+01	-9.30E+01	1.82E+02	-1.10E-02	-6.61E+00
3.24E+01	-9.30E+01	1.82E+02	-5.37E-02	-6.60E+00
3.24E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.60E+00
3.24E+01	-9.30E+01	1.82E+02	-3.66E-02	-6.61E+00
3.25E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.61E+00
3.25E+01	-9.30E+01	1.82E+02	-3.54E-02	-6.60E+00
3.25E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.60E+00
3.25E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.59E+00
3.25E+01	-9.30E+01	1.82E+02	-1.34E-02	-6.59E+00
3.26E+01	-9.30E+01	1.82E+02	-3.66E-03	-6.59E+00

3.26E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.59E+00
3.26E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.58E+00
3.26E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.58E+00
3.26E+01	-9.30E+01	1.82E+02	3.66E-03	-6.57E+00
3.27E+01	-9.30E+01	1.82E+02	-2.08E-02	-6.58E+00
3.27E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.59E+00
3.27E+01	-9.30E+01	1.82E+02	-3.91E-02	-6.58E+00
3.27E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.58E+00
3.27E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.59E+00
3.28E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.58E+00
3.28E+01	-9.30E+01	1.82E+02	-2.32E-02	-6.57E+00
3.28E+01	-9.30E+01	1.82E+02	-8.54E-03	-6.58E+00
3.28E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.57E+00
3.28E+01	-9.30E+01	1.82E+02	-3.42E-02	-6.58E+00
3.29E+01	-9.30E+01	1.82E+02	-1.10E-02	-6.58E+00
3.29E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.57E+00
3.29E+01	-9.30E+01	1.82E+02	4.88E-03	-6.57E+00
3.29E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.57E+00
3.29E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.56E+00
3.30E+01	-9.30E+01	1.81E+02	-3.66E-03	-6.56E+00
3.30E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.56E+00
3.30E+01	-9.30E+01	1.82E+02	4.88E-03	-6.56E+00
3.30E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.55E+00
3.30E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.54E+00
3.31E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.54E+00
3.31E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.54E+00
3.31E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.54E+00
3.31E+01	-9.30E+01	1.82E+02	-3.66E-02	-6.54E+00
3.31E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.54E+00
3.32E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.54E+00
3.32E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.55E+00
3.32E+01	-9.30E+01	1.82E+02	-3.66E-02	-6.54E+00
3.32E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.54E+00
3.32E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.54E+00
3.33E+01	-9.30E+01	1.81E+02	8.54E-03	-6.54E+00
3.33E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.54E+00
3.33E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.53E+00
3.33E+01	-9.30E+01	1.81E+02	2.20E-02	-6.53E+00
3.33E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.53E+00
3.34E+01	-9.30E+01	1.81E+02	-8.54E-03	-6.53E+00
3.34E+01	-9.30E+01	1.81E+02	-2.44E-03	-6.52E+00
3.34E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.53E+00
3.34E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.52E+00
3.34E+01	-9.30E+01	1.81E+02	-2.81E-02	-6.51E+00
3.35E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.51E+00
3.35E+01	-9.30E+01	1.81E+02	-1.10E-02	-6.52E+00
3.35E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.52E+00

3.35E+01	-9.30E+01	1.81E+02	-3.91E-02	-6.51E+00
3.35E+01	-9.30E+01	1.81E+02	-2.08E-02	-6.52E+00
3.36E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.52E+00
3.36E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.52E+00
3.36E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.52E+00
3.36E+01	-9.30E+01	1.81E+02	3.66E-03	-6.51E+00
3.36E+01	-9.30E+01	1.81E+02	3.66E-03	-6.50E+00
3.37E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.50E+00
3.37E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.49E+00
3.37E+01	-9.30E+01	1.81E+02	-6.10E-03	-6.49E+00
3.37E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.49E+00
3.37E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.48E+00
3.38E+01	-9.30E+01	1.81E+02	2.44E-03	-6.48E+00
3.38E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.49E+00
3.38E+01	-9.30E+01	1.81E+02	-2.44E-03	-6.48E+00
3.38E+01	-9.30E+01	1.81E+02	-1.34E-02	-6.48E+00
3.38E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.48E+00
3.39E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.47E+00
3.39E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.48E+00
3.39E+01	-9.30E+01	1.80E+02	3.66E-03	-6.47E+00
3.39E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.48E+00
3.39E+01	-9.30E+01	1.80E+02	-5.74E-02	-6.47E+00
3.40E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.47E+00
3.40E+01	-9.30E+01	1.80E+02	-2.56E-02	-6.48E+00
3.40E+01	-9.30E+01	1.80E+02	-4.03E-02	-6.47E+00
3.40E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.47E+00
3.40E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.47E+00
3.41E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.47E+00
3.41E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.48E+00
3.41E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.47E+00
3.41E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.46E+00
3.41E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.47E+00
3.42E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.46E+00
3.42E+01	-9.30E+01	1.80E+02	0.00E+00	-6.46E+00
3.42E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.45E+00
3.42E+01	-9.30E+01	1.80E+02	0.00E+00	-6.45E+00
3.42E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.45E+00
3.43E+01	-9.30E+01	1.80E+02	-1.22E-03	-6.45E+00
3.43E+01	-9.30E+01	1.80E+02	1.71E-02	-6.43E+00
3.43E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.44E+00
3.43E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.44E+00
3.43E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.44E+00
3.44E+01	-9.30E+01	1.80E+02	-3.30E-02	-6.44E+00
3.44E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.44E+00
3.44E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.44E+00
3.44E+01	-9.30E+01	1.80E+02	-4.15E-02	-6.44E+00
3.44E+01	-9.30E+01	1.80E+02	-2.32E-02	-6.44E+00

3.45E+01	-9.30E+01	1.80E+02	-1.10E-02	-6.44E+00
3.45E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.44E+00
3.45E+01	-9.30E+01	1.80E+02	-4.15E-02	-6.44E+00
3.45E+01	-9.30E+01	1.80E+02	-2.32E-02	-6.43E+00
3.45E+01	-9.30E+01	1.79E+02	-6.10E-03	-6.43E+00
3.46E+01	-9.30E+01	1.79E+02	2.44E-03	-6.43E+00
3.46E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.43E+00
3.46E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.42E+00
3.46E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.41E+00
3.46E+01	-9.30E+01	1.80E+02	3.66E-03	-6.41E+00
3.47E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.41E+00
3.47E+01	-9.30E+01	1.79E+02	0.00E+00	-6.41E+00
3.47E+01	-9.30E+01	1.80E+02	-1.10E-02	-6.40E+00
3.47E+01	-9.30E+01	1.80E+02	6.10E-03	-6.40E+00
3.47E+01	-9.30E+01	1.79E+02	1.95E-02	-6.40E+00
3.48E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.41E+00
3.48E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.40E+00
3.48E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.40E+00
3.48E+01	-9.30E+01	1.80E+02	9.77E-03	-6.40E+00
3.48E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.40E+00
3.49E+01	-9.30E+01	1.79E+02	-2.81E-02	-6.40E+00
3.49E+01	-9.30E+01	1.79E+02	-1.59E-02	-6.39E+00
3.49E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.39E+00
3.49E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.39E+00
3.49E+01	-9.30E+01	1.79E+02	-3.66E-02	-6.39E+00
3.50E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.39E+00
3.50E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.39E+00
3.50E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.40E+00
3.50E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.39E+00
3.50E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.37E+00
3.51E+01	-9.30E+01	1.79E+02	-2.32E-02	-6.39E+00
3.51E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.39E+00
3.51E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.39E+00
3.51E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.38E+00
3.51E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.38E+00
3.52E+01	-9.30E+01	1.79E+02	2.44E-03	-6.37E+00
3.52E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.38E+00
3.52E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.37E+00
3.52E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.36E+00
3.52E+01	-9.30E+01	1.79E+02	4.88E-03	-6.37E+00
3.53E+01	-9.30E+01	1.79E+02	2.20E-02	-6.35E+00
3.53E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.35E+00
3.53E+01	-9.30E+01	1.79E+02	-3.91E-02	-6.35E+00
3.53E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.35E+00
3.53E+01	-9.30E+01	1.79E+02	-1.59E-02	-6.35E+00
3.54E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.35E+00
3.54E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.36E+00

3.54E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.34E+00
3.54E+01	-9.30E+01	1.78E+02	-1.34E-02	-6.35E+00
3.54E+01	-9.30E+01	1.78E+02	-2.93E-02	-6.33E+00
3.55E+01	-9.30E+01	1.79E+02	-4.15E-02	-6.35E+00
3.55E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.34E+00
3.55E+01	-9.30E+01	1.79E+02	-2.32E-02	-6.35E+00
3.55E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.35E+00
3.55E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.34E+00
3.56E+01	-9.30E+01	1.79E+02	2.44E-03	-6.34E+00
3.56E+01	-9.30E+01	1.79E+02	0.00E+00	-6.33E+00
3.56E+01	-9.30E+01	1.78E+02	1.83E-02	-6.33E+00
3.56E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.32E+00
3.56E+01	-9.30E+01	1.79E+02	2.44E-03	-6.33E+00
3.57E+01	-9.30E+01	1.79E+02	1.22E-03	-6.33E+00
3.57E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.32E+00
3.57E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.32E+00
3.57E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.32E+00
3.57E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.31E+00
3.58E+01	-9.30E+01	1.79E+02	-3.66E-02	-6.32E+00
3.58E+01	-9.30E+01	1.78E+02	-4.52E-02	-6.31E+00
3.58E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.33E+00
3.58E+01	-9.30E+01	1.78E+02	-2.08E-02	-6.33E+00
3.58E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.32E+00
3.59E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.31E+00
3.59E+01	-9.30E+01	1.78E+02	9.77E-03	-6.30E+00
3.59E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.31E+00
3.59E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.30E+00
3.59E+01	-9.30E+01	1.78E+02	-2.32E-02	-6.31E+00
3.60E+01	-9.30E+01	1.78E+02	-8.54E-03	-6.30E+00
3.60E+01	-9.30E+01	1.78E+02	-3.30E-02	-6.30E+00
3.60E+01	-9.30E+01	1.78E+02	-2.81E-02	-6.30E+00
3.60E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.31E+00
3.60E+01	-9.30E+01	1.78E+02	-3.17E-02	-6.31E+00
3.61E+01	-9.30E+01	1.78E+02	-3.17E-02	-6.31E+00
3.61E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.30E+00
3.61E+01	-9.30E+01	1.78E+02	-2.56E-02	-6.30E+00
3.61E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.29E+00
3.61E+01	-9.30E+01	1.78E+02	-3.66E-03	-6.30E+00
3.62E+01	-9.30E+01	1.78E+02	-3.05E-02	-6.29E+00
3.62E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.29E+00
3.62E+01	-9.30E+01	1.78E+02	-1.34E-02	-6.29E+00
3.62E+01	-9.30E+01	1.78E+02	-3.66E-02	-6.30E+00
3.62E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.29E+00
3.63E+01	-9.30E+01	1.78E+02	-1.83E-02	-6.28E+00
3.63E+01	-9.30E+01	1.78E+02	-2.08E-02	-6.29E+00
3.63E+01	-9.30E+01	1.78E+02	-6.10E-03	-6.29E+00
3.63E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.28E+00

3.63E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.28E+00
3.64E+01	-9.30E+01	1.78E+02	-3.66E-03	-6.28E+00
3.64E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.27E+00
3.64E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.28E+00
3.64E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.26E+00
3.64E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.25E+00
3.65E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.27E+00
3.65E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.26E+00
3.65E+01	-9.30E+01	1.78E+02	-3.54E-02	-6.26E+00
3.65E+01	-9.30E+01	1.78E+02	-4.27E-02	-6.26E+00
3.65E+01	-9.30E+01	1.77E+02	-2.69E-02	-6.26E+00
3.66E+01	-9.30E+01	1.77E+02	-1.22E-02	-6.26E+00
3.66E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.26E+00
3.66E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.26E+00
3.66E+01	-9.30E+01	1.77E+02	1.71E-02	-6.26E+00
3.66E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.25E+00
3.67E+01	-9.30E+01	1.77E+02	-1.95E-02	-6.25E+00
3.67E+01	-9.30E+01	1.77E+02	-3.66E-03	-6.24E+00
3.67E+01	-9.30E+01	1.77E+02	-2.44E-03	-6.24E+00
3.67E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.25E+00
3.67E+01	-9.30E+01	1.77E+02	-1.83E-02	-6.25E+00
3.68E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.25E+00
3.68E+01	-9.30E+01	1.77E+02	-4.88E-03	-6.24E+00
3.68E+01	-9.30E+01	1.77E+02	-7.32E-03	-6.24E+00
3.68E+01	-9.30E+01	1.77E+02	-1.22E-02	-6.24E+00
3.68E+01	-9.30E+01	1.77E+02	-1.95E-02	-6.23E+00
3.69E+01	-9.30E+01	1.77E+02	3.66E-03	-6.22E+00
3.69E+01	-9.30E+01	1.77E+02	0.00E+00	-6.22E+00
3.69E+01	-9.30E+01	1.78E+02	1.71E-02	-6.22E+00
3.69E+01	-9.30E+01	1.77E+02	-1.46E-02	-6.22E+00
3.69E+01	-9.30E+01	1.77E+02	-8.54E-03	-6.21E+00
3.70E+01	-9.30E+01	1.77E+02	-2.69E-02	-6.21E+00
3.70E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.22E+00
3.70E+01	-9.30E+01	1.77E+02	-1.46E-02	-6.21E+00
3.70E+01	-9.30E+01	1.77E+02	-2.08E-02	-6.21E+00
3.70E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.19E+00
3.71E+01	-9.30E+01	1.78E+02	-3.66E-02	-6.21E+00
3.71E+01	-9.30E+01	1.77E+02	-1.95E-02	-6.21E+00
3.71E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.20E+00
3.71E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.20E+00
3.71E+01	-9.30E+01	1.77E+02	-3.05E-02	-6.21E+00
3.72E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.21E+00
3.72E+01	-9.30E+01	1.77E+02	-3.78E-02	-6.20E+00
3.72E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.20E+00
3.72E+01	-9.30E+01	1.77E+02	-2.08E-02	-6.21E+00
3.72E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.20E+00
3.73E+01	-9.30E+01	1.77E+02	-2.32E-02	-6.20E+00

3.73E+01	-9.30E+01	1.77E+02	-2.08E-02	-6.19E+00
3.73E+01	-9.30E+01	1.77E+02	1.10E-02	-6.19E+00
3.73E+01	-9.30E+01	1.77E+02	-7.32E-03	-6.20E+00
3.73E+01	-9.30E+01	1.77E+02	1.46E-02	-6.19E+00
3.74E+01	-9.30E+01	1.77E+02	-2.08E-02	-6.19E+00
3.74E+01	-9.30E+01	1.77E+02	-2.20E-02	-6.19E+00
3.74E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.19E+00
3.74E+01	-9.30E+01	1.77E+02	-6.10E-03	-6.19E+00
3.74E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.19E+00
3.75E+01	-9.30E+01	1.77E+02	-1.71E-02	-6.18E+00
3.75E+01	-9.30E+01	1.77E+02	2.44E-03	-6.17E+00
3.75E+01	-9.30E+01	1.77E+02	-7.32E-03	-6.18E+00
3.75E+01	-9.30E+01	1.77E+02	3.66E-03	-6.16E+00
3.75E+01	-9.30E+01	1.77E+02	-1.34E-02	-6.17E+00
3.76E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.16E+00
3.76E+01	-9.30E+01	1.77E+02	4.88E-03	-6.16E+00
3.76E+01	-9.30E+01	1.77E+02	-1.22E-02	-6.16E+00
3.76E+01	-9.30E+01	1.77E+02	-2.20E-02	-6.16E+00
3.76E+01	-9.30E+01	1.77E+02	-1.71E-02	-6.15E+00
3.77E+01	-9.30E+01	1.77E+02	-1.71E-02	-6.15E+00
3.77E+01	-9.30E+01	1.77E+02	-6.10E-02	-6.16E+00
3.77E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.15E+00
3.77E+01	-9.30E+01	1.77E+02	-3.54E-02	-6.15E+00
3.77E+01	-9.30E+01	1.77E+02	-4.64E-02	-6.15E+00
3.78E+01	-9.30E+01	1.77E+02	-2.81E-02	-6.16E+00
3.78E+01	-9.30E+01	1.77E+02	-3.42E-02	-6.15E+00
3.78E+01	-9.30E+01	1.76E+02	-4.39E-02	-6.15E+00
3.78E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.15E+00
3.78E+01	-9.30E+01	1.77E+02	-2.20E-02	-6.14E+00
3.79E+01	-9.30E+01	1.77E+02	-2.69E-02	-6.15E+00
3.79E+01	-9.30E+01	1.77E+02	-4.03E-02	-6.15E+00
3.79E+01	-9.30E+01	1.77E+02	-3.54E-02	-6.14E+00
3.79E+01	-9.30E+01	1.76E+02	-2.69E-02	-6.14E+00
3.79E+01	-9.30E+01	1.77E+02	-2.93E-02	-6.14E+00
3.80E+01	-9.30E+01	1.76E+02	-2.81E-02	-6.14E+00
3.80E+01	-9.30E+01	1.77E+02	-2.69E-02	-6.14E+00
3.80E+01	-9.30E+01	1.77E+02	-3.66E-02	-6.13E+00
3.80E+01	-9.30E+01	1.76E+02	-1.95E-02	-6.13E+00
3.80E+01	-9.30E+01	1.76E+02	-1.59E-02	-6.14E+00
3.81E+01	-9.30E+01	1.76E+02	-1.95E-02	-6.13E+00
3.81E+01	-9.30E+01	1.77E+02	-1.22E-02	-6.13E+00
3.81E+01	-9.30E+01	1.76E+02	-1.83E-02	-6.13E+00
3.81E+01	-9.30E+01	1.76E+02	-8.54E-03	-6.14E+00
3.81E+01	-9.30E+01	1.77E+02	-1.10E-02	-6.13E+00
3.82E+01	-9.30E+01	1.76E+02	-8.54E-03	-6.12E+00
3.82E+01	-9.30E+01	1.77E+02	0.00E+00	-6.11E+00
3.82E+01	-9.30E+01	1.76E+02	2.44E-03	-6.12E+00

3.82E+01	-9.30E+01	1.76E+02	7.32E-03	-6.11E+00
3.82E+01	-9.30E+01	1.77E+02	-6.10E-03	-6.11E+00
3.83E+01	-9.30E+01	1.77E+02	-7.32E-03	-6.11E+00
3.83E+01	-9.30E+01	1.77E+02	-2.44E-03	-6.10E+00
3.83E+01	-9.30E+01	1.76E+02	4.88E-03	-6.12E+00
3.83E+01	-9.30E+01	1.76E+02	1.83E-02	-6.10E+00
3.83E+01	-9.30E+01	1.77E+02	-2.20E-02	-6.11E+00
3.84E+01	-9.30E+01	1.76E+02	-6.10E-03	-6.09E+00
3.84E+01	-9.30E+01	1.77E+02	1.22E-03	-6.09E+00
3.84E+01	-9.30E+01	1.77E+02	4.88E-03	-6.09E+00
3.84E+01	-9.30E+01	1.76E+02	-2.08E-02	-6.10E+00
3.84E+01	-9.30E+01	1.76E+02	-7.32E-03	-6.09E+00
3.85E+01	-9.30E+01	1.76E+02	0.00E+00	-6.07E+00
3.85E+01	-9.30E+01	1.77E+02	-1.71E-02	-6.08E+00
3.85E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.09E+00
3.85E+01	-9.30E+01	1.76E+02	-8.54E-03	-6.08E+00
3.85E+01	-9.30E+01	1.76E+02	-7.32E-03	-6.08E+00
3.86E+01	-9.30E+01	1.77E+02	-8.54E-03	-6.07E+00
3.86E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.07E+00
3.86E+01	-9.30E+01	1.76E+02	-1.10E-02	-6.07E+00
3.86E+01	-9.30E+01	1.76E+02	-1.46E-02	-6.07E+00
3.86E+01	-9.30E+01	1.77E+02	-2.81E-02	-6.06E+00
3.87E+01	-9.30E+01	1.77E+02	-2.93E-02	-6.07E+00
3.87E+01	-9.30E+01	1.76E+02	-3.42E-02	-6.07E+00
3.87E+01	-9.30E+01	1.76E+02	-4.88E-03	-6.07E+00
3.87E+01	-9.30E+01	1.77E+02	-1.71E-02	-6.07E+00
3.87E+01	-9.30E+01	1.77E+02	-1.95E-02	-6.07E+00
3.88E+01	-9.30E+01	1.77E+02	-2.69E-02	-6.06E+00
3.88E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.06E+00
3.88E+01	-9.30E+01	1.77E+02	4.88E-03	-6.06E+00
3.88E+01	-9.30E+01	1.77E+02	-4.88E-03	-6.06E+00
3.88E+01	-9.30E+01	1.77E+02	-2.20E-02	-6.06E+00
3.89E+01	-9.30E+01	1.76E+02	1.22E-02	-6.04E+00
3.89E+01	-9.30E+01	1.77E+02	-1.71E-02	-6.05E+00
3.89E+01	-9.30E+01	1.77E+02	-2.08E-02	-6.05E+00
3.89E+01	-9.30E+01	1.76E+02	-3.42E-02	-6.05E+00
3.89E+01	-9.30E+01	1.77E+02	-4.15E-02	-6.04E+00
3.90E+01	-9.30E+01	1.77E+02	-1.95E-02	-6.05E+00
3.90E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.05E+00
3.90E+01	-9.30E+01	1.77E+02	-3.91E-02	-6.05E+00
3.90E+01	-9.30E+01	1.77E+02	-2.32E-02	-6.05E+00
3.90E+01	-9.30E+01	1.77E+02	-1.95E-02	-6.05E+00
3.91E+01	-9.30E+01	1.77E+02	-1.83E-02	-6.05E+00
3.91E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.05E+00
3.91E+01	-9.30E+01	1.76E+02	-2.69E-02	-6.04E+00
3.91E+01	-9.30E+01	1.76E+02	-3.05E-02	-6.04E+00
3.91E+01	-9.30E+01	1.77E+02	-3.42E-02	-6.04E+00

3.92E+01	-9.30E+01	1.77E+02	-2.56E-02	-6.04E+00
3.92E+01	-9.30E+01	1.76E+02	-2.20E-02	-6.05E+00
3.92E+01	-9.30E+01	1.76E+02	-7.32E-03	-6.03E+00
3.92E+01	-9.30E+01	1.76E+02	-3.17E-02	-6.04E+00
3.92E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.03E+00
3.93E+01	-9.30E+01	1.76E+02	-2.44E-02	-6.04E+00
3.93E+01	-9.30E+01	1.76E+02	-2.32E-02	-6.02E+00
3.93E+01	-9.30E+01	1.76E+02	-1.95E-02	-6.03E+00
3.93E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.01E+00
3.93E+01	-9.30E+01	1.76E+02	-2.20E-02	-6.03E+00
3.94E+01	-9.30E+01	1.76E+02	-1.46E-02	-6.02E+00
3.94E+01	-9.30E+01	1.76E+02	-2.56E-02	-6.03E+00
3.94E+01	-9.30E+01	1.77E+02	-2.93E-02	-6.02E+00
3.94E+01	-9.30E+01	1.77E+02	-1.46E-02	-6.02E+00
3.94E+01	-9.30E+01	1.77E+02	-1.71E-02	-6.02E+00
3.95E+01	-9.30E+01	1.76E+02	-1.71E-02	-6.01E+00
3.95E+01	-9.30E+01	1.77E+02	-1.71E-02	-6.00E+00
3.95E+01	-9.30E+01	1.77E+02	-1.22E-02	-6.00E+00
3.95E+01	-9.30E+01	1.77E+02	0.00E+00	-6.01E+00
3.95E+01	-9.30E+01	1.77E+02	-2.44E-03	-6.01E+00
3.96E+01	-9.30E+01	1.76E+02	2.44E-03	-5.99E+00
3.96E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.98E+00
3.96E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.99E+00
3.96E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.98E+00
3.96E+01	-9.30E+01	1.76E+02	-4.88E-02	-5.99E+00
3.97E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.99E+00
3.97E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.98E+00
3.97E+01	-9.30E+01	1.77E+02	-4.39E-02	-5.99E+00
3.97E+01	-9.30E+01	1.77E+02	-3.78E-02	-5.98E+00
3.97E+01	-9.30E+01	1.77E+02	-3.05E-02	-5.98E+00
3.98E+01	-9.30E+01	1.77E+02	-2.32E-02	-5.97E+00
3.98E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.97E+00
3.98E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.97E+00
3.98E+01	-9.30E+01	1.77E+02	-4.64E-02	-5.97E+00
3.98E+01	-9.30E+01	1.77E+02	-2.81E-02	-5.97E+00
3.99E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.96E+00
3.99E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.97E+00
3.99E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.96E+00
3.99E+01	-9.30E+01	1.77E+02	-4.15E-02	-5.97E+00
3.99E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.97E+00
4.00E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.97E+00
4.00E+01	-9.30E+01	1.77E+02	-4.88E-02	-5.96E+00
4.00E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.97E+00
4.00E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.96E+00
4.00E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.96E+00
4.01E+01	-9.30E+01	1.77E+02	-1.22E-03	-5.96E+00
4.01E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.97E+00

4.01E+01	-9.30E+01	1.77E+02	-3.66E-02	-5.95E+00
4.01E+01	-9.30E+01	1.77E+02	-4.27E-02	-5.96E+00
4.01E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.95E+00
4.02E+01	-9.30E+01	1.77E+02	-2.32E-02	-5.94E+00
4.02E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.95E+00
4.02E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.95E+00
4.02E+01	-9.30E+01	1.77E+02	-5.49E-02	-5.94E+00
4.02E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.94E+00
4.03E+01	-9.30E+01	1.77E+02	-1.83E-02	-5.94E+00
4.03E+01	-9.30E+01	1.76E+02	-4.88E-02	-5.95E+00
4.03E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.95E+00
4.03E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.94E+00
4.03E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.94E+00
4.04E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.94E+00
4.04E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.94E+00
4.04E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.94E+00
4.04E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.93E+00
4.04E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.93E+00
4.05E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.94E+00
4.05E+01	-9.30E+01	1.77E+02	-2.32E-02	-5.93E+00
4.05E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.93E+00
4.05E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.92E+00
4.05E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.92E+00
4.06E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.92E+00
4.06E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.92E+00
4.06E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.92E+00
4.06E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.92E+00
4.06E+01	-9.30E+01	1.77E+02	4.88E-03	-5.91E+00
4.07E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.92E+00
4.07E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.92E+00
4.07E+01	-9.30E+01	1.77E+02	-2.08E-02	-5.90E+00
4.07E+01	-9.30E+01	1.76E+02	0.00E+00	-5.90E+00
4.07E+01	-9.30E+01	1.76E+02	1.46E-02	-5.90E+00
4.08E+01	-9.30E+01	1.76E+02	0.00E+00	-5.90E+00
4.08E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.89E+00
4.08E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.90E+00
4.08E+01	-9.30E+01	1.76E+02	4.88E-03	-5.89E+00
4.08E+01	-9.30E+01	1.76E+02	2.93E-02	-5.89E+00
4.09E+01	-9.30E+01	1.76E+02	0.00E+00	-5.89E+00
4.09E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.89E+00
4.09E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.88E+00
4.09E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.88E+00
4.09E+01	-9.30E+01	1.76E+02	4.88E-03	-5.88E+00
4.10E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.89E+00
4.10E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.89E+00
4.10E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.88E+00
4.10E+01	-9.30E+01	1.76E+02	-1.10E-02	-5.87E+00

4.10E+01	-9.30E+01	1.76E+02	4.88E-03	-5.88E+00
4.11E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.88E+00
4.11E+01	-9.30E+01	1.76E+02	0.00E+00	-5.88E+00
4.11E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.87E+00
4.11E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.87E+00
4.11E+01	-9.30E+01	1.76E+02	1.10E-02	-5.86E+00
4.12E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.87E+00
4.12E+01	-9.30E+01	1.76E+02	1.46E-02	-5.88E+00
4.12E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.87E+00
4.12E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.87E+00
4.12E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.86E+00
4.13E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.87E+00
4.13E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.86E+00
4.13E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.86E+00
4.13E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.85E+00
4.13E+01	-9.30E+01	1.76E+02	2.08E-02	-5.85E+00
4.14E+01	-9.30E+01	1.76E+02	-8.54E-03	-5.84E+00
4.14E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.85E+00
4.14E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.85E+00
4.14E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.84E+00
4.14E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.85E+00
4.15E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.85E+00
4.15E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.85E+00
4.15E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.85E+00
4.15E+01	-9.30E+01	1.76E+02	-3.78E-02	-5.85E+00
4.15E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.84E+00
4.16E+01	-9.30E+01	1.76E+02	-8.54E-03	-5.84E+00
4.16E+01	-9.30E+01	1.76E+02	-2.56E-02	-5.84E+00
4.16E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.83E+00
4.16E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.83E+00
4.16E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.83E+00
4.17E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.83E+00
4.17E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.82E+00
4.17E+01	-9.30E+01	1.76E+02	-3.66E-03	-5.81E+00
4.17E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.82E+00
4.17E+01	-9.30E+01	1.76E+02	2.08E-02	-5.81E+00
4.18E+01	-9.30E+01	1.76E+02	9.77E-03	-5.80E+00
4.18E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.81E+00
4.18E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.79E+00
4.18E+01	-9.30E+01	1.76E+02	9.77E-03	-5.80E+00
4.18E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.80E+00
4.19E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.80E+00
4.19E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.79E+00
4.19E+01	-9.30E+01	1.76E+02	-1.34E-02	-5.79E+00
4.19E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.80E+00
4.19E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.79E+00
4.20E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.79E+00

4.20E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.78E+00
4.20E+01	-9.30E+01	1.76E+02	0.00E+00	-5.79E+00
4.20E+01	-9.30E+01	1.76E+02	2.44E-03	-5.79E+00
4.20E+01	-9.30E+01	1.76E+02	-3.66E-03	-5.78E+00
4.21E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.78E+00
4.21E+01	-9.30E+01	1.76E+02	4.88E-03	-5.78E+00
4.21E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.76E+00
4.21E+01	-9.30E+01	1.76E+02	2.44E-03	-5.78E+00
4.21E+01	-9.30E+01	1.76E+02	-3.66E-03	-5.78E+00
4.22E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.77E+00
4.22E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.78E+00
4.22E+01	-9.30E+01	1.76E+02	1.83E-02	-5.77E+00
4.22E+01	-9.30E+01	1.76E+02	0.00E+00	-5.77E+00
4.22E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.77E+00
4.23E+01	-9.30E+01	1.76E+02	9.77E-03	-5.78E+00
4.23E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.76E+00
4.23E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.76E+00
4.23E+01	-9.30E+01	1.76E+02	2.44E-03	-5.76E+00
4.23E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.77E+00
4.24E+01	-9.30E+01	1.76E+02	9.77E-03	-5.76E+00
4.24E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.77E+00
4.24E+01	-9.30E+01	1.76E+02	-8.54E-03	-5.75E+00
4.24E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.76E+00
4.24E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.75E+00
4.25E+01	-9.30E+01	1.76E+02	-8.54E-03	-5.75E+00
4.25E+01	-9.30E+01	1.76E+02	-1.10E-02	-5.74E+00
4.25E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.74E+00
4.25E+01	-9.30E+01	1.76E+02	0.00E+00	-5.74E+00
4.25E+01	-9.30E+01	1.76E+02	-1.10E-02	-5.74E+00
4.26E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.75E+00
4.26E+01	-9.30E+01	1.76E+02	0.00E+00	-5.74E+00
4.26E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.74E+00
4.26E+01	-9.30E+01	1.76E+02	2.44E-03	-5.74E+00
4.26E+01	-9.30E+01	1.76E+02	2.44E-03	-5.74E+00
4.27E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.73E+00
4.27E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.72E+00
4.27E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.72E+00
4.27E+01	-9.30E+01	1.76E+02	0.00E+00	-5.74E+00
4.27E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.72E+00
4.28E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.72E+00
4.28E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.72E+00
4.28E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.72E+00
4.28E+01	-9.30E+01	1.76E+02	-3.66E-03	-5.72E+00
4.28E+01	-9.30E+01	1.76E+02	1.22E-02	-5.71E+00
4.29E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.71E+00
4.29E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.71E+00
4.29E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.72E+00

4.29E+01	-9.30E+01	1.76E+02	-1.34E-02	-5.71E+00
4.29E+01	-9.30E+01	1.76E+02	-4.15E-02	-5.71E+00
4.30E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.71E+00
4.30E+01	-9.30E+01	1.76E+02	-2.56E-02	-5.70E+00
4.30E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.70E+00
4.30E+01	-9.30E+01	1.76E+02	0.00E+00	-5.70E+00
4.30E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.70E+00
4.31E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.68E+00
4.31E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.69E+00
4.31E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.69E+00
4.31E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.69E+00
4.31E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.69E+00
4.32E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.69E+00
4.32E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.69E+00
4.32E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.69E+00
4.32E+01	-9.30E+01	1.76E+02	-3.30E-02	-5.70E+00
4.32E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.69E+00
4.33E+01	-9.30E+01	1.76E+02	-2.56E-02	-5.68E+00
4.33E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.69E+00
4.33E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.69E+00
4.33E+01	-9.30E+01	1.76E+02	-4.27E-02	-5.69E+00
4.33E+01	-9.30E+01	1.76E+02	-4.03E-02	-5.68E+00
4.34E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.67E+00
4.34E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.69E+00
4.34E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.69E+00
4.34E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.68E+00
4.34E+01	-9.30E+01	1.75E+02	7.32E-03	-5.68E+00
4.35E+01	-9.30E+01	1.76E+02	7.32E-03	-5.66E+00
4.35E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.67E+00
4.35E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.67E+00
4.35E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.66E+00
4.35E+01	-9.30E+01	1.76E+02	2.44E-03	-5.67E+00
4.36E+01	-9.30E+01	1.76E+02	0.00E+00	-5.66E+00
4.36E+01	-9.30E+01	1.75E+02	0.00E+00	-5.66E+00
4.36E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.65E+00
4.36E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.65E+00
4.36E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.64E+00
4.37E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.64E+00
4.37E+01	-9.30E+01	1.75E+02	-4.27E-02	-5.64E+00
4.37E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.63E+00
4.37E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.64E+00
4.37E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.64E+00
4.38E+01	-9.30E+01	1.76E+02	-4.64E-02	-5.64E+00
4.38E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.64E+00
4.38E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.64E+00
4.38E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.64E+00
4.38E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.64E+00

4.39E+01	-9.30E+01	1.75E+02	7.32E-03	-5.64E+00
4.39E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.64E+00
4.39E+01	-9.30E+01	1.75E+02	-3.91E-02	-5.64E+00
4.39E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.64E+00
4.39E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.64E+00
4.40E+01	-9.30E+01	1.75E+02	2.20E-02	-5.64E+00
4.40E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.63E+00
4.40E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.62E+00
4.40E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.62E+00
4.40E+01	-9.30E+01	1.75E+02	1.22E-03	-5.61E+00
4.41E+01	-9.30E+01	1.75E+02	3.66E-03	-5.62E+00
4.41E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.60E+00
4.41E+01	-9.30E+01	1.75E+02	2.44E-03	-5.60E+00
4.41E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.61E+00
4.41E+01	-9.30E+01	1.75E+02	-1.59E-02	-5.61E+00
4.42E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.60E+00
4.42E+01	-9.30E+01	1.75E+02	-3.05E-02	-5.60E+00
4.42E+01	-9.30E+01	1.76E+02	4.88E-03	-5.60E+00
4.42E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.61E+00
4.42E+01	-9.30E+01	1.75E+02	-5.86E-02	-5.60E+00
4.43E+01	-9.30E+01	1.75E+02	-4.15E-02	-5.60E+00
4.43E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.60E+00
4.43E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.60E+00
4.43E+01	-9.30E+01	1.75E+02	-2.81E-02	-5.60E+00
4.43E+01	-9.30E+01	1.75E+02	-4.15E-02	-5.59E+00
4.44E+01	-9.30E+01	1.75E+02	-5.86E-02	-5.59E+00
4.44E+01	-9.30E+01	1.75E+02	-4.03E-02	-5.58E+00
4.44E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.59E+00
4.44E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.59E+00
4.44E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.59E+00
4.45E+01	-9.30E+01	1.75E+02	-3.78E-02	-5.59E+00
4.45E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.58E+00
4.45E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.58E+00
4.45E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.59E+00
4.45E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.58E+00
4.46E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.57E+00
4.46E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.57E+00
4.46E+01	-9.30E+01	1.75E+02	-3.78E-02	-5.57E+00
4.46E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.58E+00
4.46E+01	-9.30E+01	1.75E+02	-3.78E-02	-5.57E+00
4.47E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.56E+00
4.47E+01	-9.30E+01	1.75E+02	-4.15E-02	-5.56E+00
4.47E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.57E+00
4.47E+01	-9.30E+01	1.75E+02	-4.52E-02	-5.57E+00
4.47E+01	-9.30E+01	1.75E+02	-3.30E-02	-5.56E+00
4.48E+01	-9.30E+01	1.75E+02	-3.78E-02	-5.56E+00
4.48E+01	-9.30E+01	1.75E+02	-5.62E-02	-5.57E+00

4.48E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.57E+00
4.48E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.56E+00
4.48E+01	-9.30E+01	1.74E+02	-4.15E-02	-5.56E+00
4.49E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.57E+00
4.49E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.56E+00
4.49E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.56E+00
4.49E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.55E+00
4.49E+01	-9.30E+01	1.74E+02	-2.44E-03	-5.55E+00
4.50E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.54E+00
4.50E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.55E+00
4.50E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.55E+00
4.50E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.55E+00
4.50E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.54E+00
4.51E+01	-9.30E+01	1.75E+02	2.20E-02	-5.53E+00
4.51E+01	-9.30E+01	1.75E+02	8.54E-03	-5.54E+00
4.51E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.54E+00
4.51E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.52E+00
4.51E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.52E+00
4.52E+01	-9.30E+01	1.75E+02	-6.10E-03	-5.53E+00
4.52E+01	-9.30E+01	1.74E+02	1.46E-02	-5.52E+00
4.52E+01	-9.30E+01	1.75E+02	-1.59E-02	-5.50E+00
4.52E+01	-9.30E+01	1.75E+02	-1.10E-02	-5.51E+00
4.52E+01	-9.30E+01	1.74E+02	-7.32E-03	-5.51E+00
4.53E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.51E+00
4.53E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.50E+00
4.53E+01	-9.30E+01	1.75E+02	-3.66E-03	-5.49E+00
4.53E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.50E+00
4.53E+01	-9.30E+01	1.74E+02	-4.88E-03	-5.50E+00
4.54E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.50E+00
4.54E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.50E+00
4.54E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.50E+00
4.54E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.50E+00
4.54E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.50E+00
4.55E+01	-9.30E+01	1.75E+02	-3.05E-02	-5.50E+00
4.55E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.50E+00
4.55E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.49E+00
4.55E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.49E+00
4.55E+01	-9.30E+01	1.75E+02	-3.54E-02	-5.50E+00
4.56E+01	-9.30E+01	1.75E+02	-3.05E-02	-5.49E+00
4.56E+01	-9.30E+01	1.75E+02	-3.05E-02	-5.48E+00
4.56E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.48E+00
4.56E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.49E+00
4.56E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.49E+00
4.57E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.48E+00
4.57E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.48E+00
4.57E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.47E+00
4.57E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.46E+00

4.57E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.47E+00
4.58E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.47E+00
4.58E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.47E+00
4.58E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.46E+00
4.58E+01	-9.30E+01	1.74E+02	-4.88E-03	-5.45E+00
4.58E+01	-9.30E+01	1.74E+02	9.77E-03	-5.46E+00
4.59E+01	-9.30E+01	1.74E+02	4.88E-03	-5.46E+00
4.59E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.46E+00
4.59E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.46E+00
4.59E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.46E+00
4.59E+01	-9.30E+01	1.74E+02	3.66E-03	-5.46E+00
4.60E+01	-9.30E+01	1.75E+02	0.00E+00	-5.45E+00
4.60E+01	-9.30E+01	1.74E+02	-7.32E-03	-5.45E+00
4.60E+01	-9.30E+01	1.74E+02	0.00E+00	-5.45E+00
4.60E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.46E+00
4.60E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.45E+00
4.61E+01	-9.30E+01	1.75E+02	2.44E-03	-5.43E+00
4.61E+01	-9.30E+01	1.74E+02	9.77E-03	-5.45E+00
4.61E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.44E+00
4.61E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.44E+00
4.61E+01	-9.30E+01	1.74E+02	7.32E-03	-5.44E+00
4.62E+01	-9.30E+01	1.74E+02	2.44E-03	-5.44E+00
4.62E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.45E+00
4.62E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.44E+00
4.62E+01	-9.30E+01	1.75E+02	1.95E-02	-5.43E+00
4.62E+01	-9.30E+01	1.74E+02	-4.88E-03	-5.43E+00
4.63E+01	-9.30E+01	1.74E+02	4.88E-03	-5.43E+00
4.63E+01	-9.30E+01	1.74E+02	3.66E-03	-5.43E+00
4.63E+01	-9.30E+01	1.75E+02	-1.10E-02	-5.43E+00
4.63E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.42E+00
4.63E+01	-9.30E+01	1.74E+02	4.88E-03	-5.42E+00
4.64E+01	-9.30E+01	1.74E+02	-3.66E-03	-5.41E+00
4.64E+01	-9.30E+01	1.75E+02	7.32E-03	-5.42E+00
4.64E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.41E+00
4.64E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.41E+00
4.64E+01	-9.30E+01	1.74E+02	-3.66E-03	-5.41E+00
4.65E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.41E+00
4.65E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.41E+00
4.65E+01	-9.30E+01	1.75E+02	-2.32E-02	-5.40E+00
4.65E+01	-9.30E+01	1.74E+02	-3.66E-02	-5.41E+00
4.65E+01	-9.30E+01	1.75E+02	-2.08E-02	-5.40E+00
4.66E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.40E+00
4.66E+01	-9.30E+01	1.74E+02	-3.42E-02	-5.40E+00
4.66E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.39E+00
4.66E+01	-9.30E+01	1.75E+02	-3.54E-02	-5.40E+00
4.66E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.40E+00
4.67E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.40E+00

4.67E+01	-9.30E+01	1.74E+02	-2.56E-02	-5.40E+00
4.67E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.39E+00
4.67E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.40E+00
4.67E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.40E+00
4.68E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.39E+00
4.68E+01	-9.30E+01	1.74E+02	-3.66E-02	-5.38E+00
4.68E+01	-9.30E+01	1.75E+02	-6.47E-02	-5.39E+00
4.68E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.38E+00
4.68E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.38E+00
4.69E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.38E+00
4.69E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.38E+00
4.69E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.37E+00
4.69E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.37E+00
4.69E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.37E+00
4.70E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.37E+00
4.70E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.36E+00
4.70E+01	-9.30E+01	1.74E+02	-7.32E-03	-5.36E+00
4.70E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.36E+00
4.70E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.35E+00
4.71E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.36E+00
4.71E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.36E+00
4.71E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.35E+00
4.71E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.36E+00
4.71E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.36E+00
4.72E+01	-9.30E+01	1.75E+02	-4.15E-02	-5.35E+00
4.72E+01	-9.30E+01	1.74E+02	-4.64E-02	-5.34E+00
4.72E+01	-9.30E+01	1.74E+02	-1.34E-02	-5.35E+00
4.72E+01	-9.30E+01	1.74E+02	-2.81E-02	-5.35E+00
4.72E+01	-9.30E+01	1.74E+02	-2.56E-02	-5.35E+00
4.73E+01	-9.30E+01	1.75E+02	-3.91E-02	-5.35E+00
4.73E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.34E+00
4.73E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.34E+00
4.73E+01	-9.30E+01	1.73E+02	-2.32E-02	-5.34E+00
4.73E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.33E+00
4.74E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.34E+00
4.74E+01	-9.30E+01	1.75E+02	-4.76E-02	-5.33E+00
4.74E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.33E+00
4.74E+01	-9.30E+01	1.74E+02	-3.66E-02	-5.33E+00
4.74E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.33E+00
4.75E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.34E+00
4.75E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.32E+00
4.75E+01	-9.30E+01	1.74E+02	-2.81E-02	-5.33E+00
4.75E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.32E+00
4.75E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.33E+00
4.76E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.32E+00
4.76E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.32E+00
4.76E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.31E+00

4.76E+01	-9.30E+01	1.74E+02	-1.22E-03	-5.31E+00
4.76E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.32E+00
4.77E+01	-9.30E+01	1.75E+02	-3.91E-02	-5.32E+00
4.77E+01	-9.30E+01	1.74E+02	-4.39E-02	-5.31E+00
4.77E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.32E+00
4.77E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.31E+00
4.77E+01	-9.30E+01	1.75E+02	-3.30E-02	-5.31E+00
4.78E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.31E+00
4.78E+01	-9.30E+01	1.75E+02	-5.37E-02	-5.30E+00
4.78E+01	-9.30E+01	1.75E+02	-2.32E-02	-5.29E+00
4.78E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.29E+00
4.78E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.30E+00
4.79E+01	-9.30E+01	1.75E+02	-4.52E-02	-5.30E+00
4.79E+01	-9.30E+01	1.75E+02	-3.91E-02	-5.29E+00
4.79E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.29E+00
4.79E+01	-9.30E+01	1.75E+02	1.22E-03	-5.29E+00
4.79E+01	-9.30E+01	1.74E+02	-2.56E-02	-5.29E+00
4.80E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.29E+00
4.80E+01	-9.30E+01	1.75E+02	-3.54E-02	-5.28E+00
4.80E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.29E+00
4.80E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.28E+00
4.80E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.28E+00
4.81E+01	-9.30E+01	1.75E+02	-4.64E-02	-5.28E+00
4.81E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.28E+00
4.81E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.27E+00
4.81E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.27E+00
4.81E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.27E+00
4.82E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.27E+00
4.82E+01	-9.30E+01	1.75E+02	-3.78E-02	-5.27E+00
4.82E+01	-9.30E+01	1.75E+02	-3.54E-02	-5.28E+00
4.82E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.27E+00
4.82E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.26E+00
4.83E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.26E+00
4.83E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.27E+00
4.83E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.26E+00
4.83E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.26E+00
4.83E+01	-9.30E+01	1.75E+02	-2.81E-02	-5.28E+00
4.84E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.25E+00
4.84E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.25E+00
4.84E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.25E+00
4.84E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.25E+00
4.84E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.24E+00
4.85E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.24E+00
4.85E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.24E+00
4.85E+01	-9.30E+01	1.75E+02	2.20E-02	-5.23E+00
4.85E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.23E+00
4.85E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.23E+00

4.86E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.24E+00
4.86E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.23E+00
4.86E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.23E+00
4.86E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.21E+00
4.86E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.23E+00
4.87E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.23E+00
4.87E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.22E+00
4.87E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.22E+00
4.87E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.22E+00
4.87E+01	-9.30E+01	1.75E+02	-4.88E-02	-5.23E+00
4.88E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.22E+00
4.88E+01	-9.30E+01	1.75E+02	-6.96E-02	-5.23E+00
4.88E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.21E+00
4.88E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.22E+00
4.88E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.22E+00
4.89E+01	-9.30E+01	1.75E+02	-3.91E-02	-5.22E+00
4.89E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.21E+00
4.89E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.21E+00
4.89E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.21E+00
4.89E+01	-9.30E+01	1.76E+02	-4.52E-02	-5.21E+00
4.90E+01	-9.30E+01	1.75E+02	-3.30E-02	-5.21E+00
4.90E+01	-9.30E+01	1.75E+02	-4.15E-02	-5.20E+00
4.90E+01	-9.30E+01	1.76E+02	-2.56E-02	-5.21E+00
4.90E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.21E+00
4.90E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.21E+00
4.91E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.21E+00
4.91E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.20E+00
4.91E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.20E+00
4.91E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.20E+00
4.91E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.20E+00
4.92E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.19E+00
4.92E+01	-9.30E+01	1.76E+02	-4.39E-02	-5.19E+00
4.92E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.18E+00
4.92E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.18E+00
4.92E+01	-9.30E+01	1.75E+02	-4.76E-02	-5.18E+00
4.93E+01	-9.30E+01	1.75E+02	-3.54E-02	-5.18E+00
4.93E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.18E+00
4.93E+01	-9.30E+01	1.76E+02	-2.56E-02	-5.18E+00
4.93E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.18E+00
4.93E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.18E+00
4.94E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.16E+00
4.94E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.17E+00
4.94E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.17E+00
4.94E+01	-9.30E+01	1.76E+02	0.00E+00	-5.17E+00
4.94E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.17E+00
4.95E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.17E+00
4.95E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.16E+00

4.95E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.17E+00
4.95E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.17E+00
4.95E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.15E+00
4.96E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.16E+00
4.96E+01	-9.30E+01	1.76E+02	-3.78E-02	-5.15E+00
4.96E+01	-9.30E+01	1.76E+02	-2.81E-02	-5.16E+00
4.96E+01	-9.30E+01	1.75E+02	-2.81E-02	-5.15E+00
4.96E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.14E+00
4.97E+01	-9.30E+01	1.75E+02	-3.54E-02	-5.13E+00
4.97E+01	-9.30E+01	1.76E+02	-2.81E-02	-5.14E+00
4.97E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.14E+00
4.97E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.14E+00
4.97E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.14E+00
4.98E+01	-9.30E+01	1.76E+02	-2.81E-02	-5.13E+00
4.98E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.12E+00
4.98E+01	-9.30E+01	1.76E+02	-1.34E-02	-5.13E+00
4.98E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.13E+00
4.98E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.14E+00
4.99E+01	-9.30E+01	1.75E+02	-3.78E-02	-5.13E+00
4.99E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.12E+00
4.99E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.12E+00
4.99E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.13E+00
4.99E+01	-9.30E+01	1.75E+02	-3.05E-02	-5.12E+00
5.00E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.12E+00
5.00E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.12E+00
5.00E+01	-9.30E+01	1.76E+02	1.22E-02	-5.11E+00
5.00E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.11E+00
5.00E+01	-9.30E+01	1.75E+02	1.22E-03	-5.11E+00
5.01E+01	-9.30E+01	1.75E+02	-6.10E-03	-5.11E+00
5.01E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.10E+00
5.01E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.10E+00
5.01E+01	-9.30E+01	1.75E+02	-8.54E-03	-5.11E+00
5.01E+01	-9.30E+01	1.75E+02	0.00E+00	-5.10E+00
5.02E+01	-9.30E+01	1.76E+02	0.00E+00	-5.10E+00
5.02E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.10E+00
5.02E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.09E+00
5.02E+01	-9.30E+01	1.75E+02	-6.10E-03	-5.08E+00
5.02E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.10E+00
5.03E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.10E+00
5.03E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.09E+00
5.03E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.08E+00
5.03E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.09E+00
5.03E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.09E+00
5.04E+01	-9.30E+01	1.75E+02	-3.30E-02	-5.08E+00
5.04E+01	-9.30E+01	1.75E+02	-4.39E-02	-5.08E+00
5.04E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.07E+00
5.04E+01	-9.30E+01	1.76E+02	-8.54E-03	-5.08E+00

5.04E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.08E+00
5.05E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.07E+00
5.05E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.07E+00
5.05E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.06E+00
5.05E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.07E+00
5.05E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.07E+00
5.06E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.07E+00
5.06E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.06E+00
5.06E+01	-9.30E+01	1.75E+02	-2.08E-02	-5.06E+00
5.06E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.07E+00
5.06E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.07E+00
5.07E+01	-9.30E+01	1.75E+02	-6.23E-02	-5.07E+00
5.07E+01	-9.30E+01	1.76E+02	-3.54E-02	-5.06E+00
5.07E+01	-9.30E+01	1.76E+02	-2.56E-02	-5.05E+00
5.07E+01	-9.30E+01	1.75E+02	-4.15E-02	-5.06E+00
5.07E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.06E+00
5.08E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.05E+00
5.08E+01	-9.30E+01	1.76E+02	-4.39E-02	-5.05E+00
5.08E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.05E+00
5.08E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.05E+00
5.08E+01	-9.30E+01	1.75E+02	-3.78E-02	-5.04E+00
5.09E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.05E+00
5.09E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.05E+00
5.09E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.05E+00
5.09E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.05E+00
5.09E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.05E+00
5.10E+01	-9.30E+01	1.76E+02	-4.88E-02	-5.04E+00
5.10E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.04E+00
5.10E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.04E+00
5.10E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.05E+00
5.10E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.03E+00
5.11E+01	-9.30E+01	1.75E+02	-4.64E-02	-5.04E+00
5.11E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.03E+00
5.11E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.03E+00
5.11E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.03E+00
5.11E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.02E+00
5.12E+01	-9.30E+01	1.75E+02	-3.91E-02	-5.03E+00
5.12E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.03E+00
5.12E+01	-9.30E+01	1.75E+02	-3.91E-02	-5.03E+00
5.12E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.02E+00
5.12E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.02E+00
5.13E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.02E+00
5.13E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.01E+00
5.13E+01	-9.30E+01	1.75E+02	-4.52E-02	-5.02E+00
5.13E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.00E+00
5.13E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.01E+00
5.14E+01	-9.30E+01	1.75E+02	-3.91E-02	-5.00E+00

5.14E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.00E+00
5.14E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.01E+00
5.14E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.01E+00
5.14E+01	-9.30E+01	1.75E+02	-3.30E-02	-5.00E+00
5.15E+01	-9.30E+01	1.75E+02	-3.91E-02	-5.01E+00
5.15E+01	-9.30E+01	1.75E+02	-1.10E-02	-5.00E+00
5.15E+01	-9.30E+01	1.75E+02	-1.22E-03	-5.00E+00
5.15E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.00E+00
5.15E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.00E+00
5.16E+01	-9.30E+01	1.75E+02	-2.81E-02	-5.00E+00
5.16E+01	-9.30E+01	1.75E+02	-5.13E-02	-4.98E+00
5.16E+01	-9.30E+01	1.76E+02	-2.08E-02	-4.99E+00
5.16E+01	-9.30E+01	1.75E+02	-5.49E-02	-4.99E+00
5.16E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.99E+00
5.17E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.99E+00
5.17E+01	-9.30E+01	1.76E+02	-3.42E-02	-4.98E+00
5.17E+01	-9.30E+01	1.76E+02	-2.69E-02	-4.97E+00
5.17E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.98E+00
5.17E+01	-9.30E+01	1.75E+02	-4.64E-02	-4.97E+00
5.18E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.97E+00
5.18E+01	-9.30E+01	1.76E+02	-3.17E-02	-4.97E+00
5.18E+01	-9.30E+01	1.75E+02	-2.93E-02	-4.98E+00
5.18E+01	-9.30E+01	1.75E+02	-5.86E-02	-4.99E+00
5.18E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.98E+00
5.19E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.97E+00
5.19E+01	-9.30E+01	1.75E+02	-3.66E-02	-4.96E+00
5.19E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.96E+00
5.19E+01	-9.30E+01	1.76E+02	-4.88E-02	-4.97E+00
5.19E+01	-9.30E+01	1.76E+02	-2.93E-02	-4.96E+00
5.20E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.95E+00
5.20E+01	-9.30E+01	1.75E+02	-3.54E-02	-4.96E+00
5.20E+01	-9.30E+01	1.75E+02	-4.15E-02	-4.96E+00
5.20E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.96E+00
5.20E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.96E+00
5.21E+01	-9.30E+01	1.75E+02	-2.32E-02	-4.95E+00
5.21E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.95E+00
5.21E+01	-9.30E+01	1.76E+02	-9.77E-03	-4.95E+00
5.21E+01	-9.30E+01	1.76E+02	-2.44E-03	-4.94E+00
5.21E+01	-9.30E+01	1.75E+02	-1.71E-02	-4.93E+00
5.22E+01	-9.30E+01	1.75E+02	1.34E-02	-4.94E+00
5.22E+01	-9.30E+01	1.76E+02	-7.32E-03	-4.93E+00
5.22E+01	-9.30E+01	1.76E+02	-9.77E-03	-4.93E+00
5.22E+01	-9.30E+01	1.76E+02	-7.32E-03	-4.93E+00
5.22E+01	-9.30E+01	1.76E+02	-2.20E-02	-4.92E+00
5.23E+01	-9.30E+01	1.76E+02	-6.10E-03	-4.93E+00
5.23E+01	-9.30E+01	1.76E+02	-2.93E-02	-4.92E+00
5.23E+01	-9.30E+01	1.76E+02	6.10E-03	-4.92E+00

5.23E+01	-9.30E+01	1.76E+02	-2.20E-02	-4.91E+00
5.23E+01	-9.30E+01	1.76E+02	-2.20E-02	-4.92E+00
5.24E+01	-9.30E+01	1.76E+02	-2.32E-02	-4.92E+00
5.24E+01	-9.30E+01	1.76E+02	-3.54E-02	-4.93E+00
5.24E+01	-9.30E+01	1.75E+02	-1.83E-02	-4.92E+00
5.24E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.93E+00
5.24E+01	-9.30E+01	1.76E+02	-2.93E-02	-4.92E+00
5.25E+01	-9.30E+01	1.76E+02	-3.54E-02	-4.92E+00
5.25E+01	-9.30E+01	1.75E+02	-3.91E-02	-4.92E+00
5.25E+01	-9.30E+01	1.76E+02	-3.17E-02	-4.91E+00
5.25E+01	-9.30E+01	1.76E+02	-1.95E-02	-4.91E+00
5.25E+01	-9.30E+01	1.76E+02	-2.81E-02	-4.91E+00
5.26E+01	-9.30E+01	1.75E+02	-2.93E-02	-4.91E+00
5.26E+01	-9.30E+01	1.75E+02	-3.54E-02	-4.90E+00
5.26E+01	-9.30E+01	1.76E+02	-2.08E-02	-4.91E+00
5.26E+01	-9.30E+01	1.76E+02	-2.81E-02	-4.90E+00
5.26E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.91E+00
5.27E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.90E+00
5.27E+01	-9.30E+01	1.76E+02	-3.05E-02	-4.90E+00
5.27E+01	-9.30E+01	1.76E+02	-1.95E-02	-4.90E+00
5.27E+01	-9.30E+01	1.75E+02	-6.10E-03	-4.90E+00
5.27E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.90E+00
5.28E+01	-9.30E+01	1.75E+02	-2.56E-02	-4.90E+00
5.28E+01	-9.30E+01	1.76E+02	-6.10E-02	-4.89E+00
5.28E+01	-9.30E+01	1.75E+02	-2.20E-02	-4.89E+00
5.28E+01	-9.30E+01	1.75E+02	-1.95E-02	-4.89E+00
5.28E+01	-9.30E+01	1.75E+02	-4.15E-02	-4.89E+00
5.29E+01	-9.30E+01	1.76E+02	-2.69E-02	-4.89E+00
5.29E+01	-9.30E+01	1.76E+02	-1.71E-02	-4.88E+00
5.29E+01	-9.30E+01	1.75E+02	-1.34E-02	-4.88E+00
5.29E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.88E+00
5.29E+01	-9.30E+01	1.76E+02	-1.83E-02	-4.88E+00
5.30E+01	-9.30E+01	1.75E+02	4.88E-03	-4.87E+00
5.30E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.87E+00
5.30E+01	-9.30E+01	1.75E+02	8.54E-03	-4.88E+00
5.30E+01	-9.30E+01	1.75E+02	-3.66E-03	-4.87E+00
5.30E+01	-9.30E+01	1.76E+02	-4.88E-03	-4.87E+00
5.31E+01	-9.30E+01	1.75E+02	7.32E-03	-4.86E+00
5.31E+01	-9.30E+01	1.75E+02	1.46E-02	-4.86E+00
5.31E+01	-9.30E+01	1.76E+02	-1.46E-02	-4.86E+00
5.31E+01	-9.30E+01	1.76E+02	-7.32E-03	-4.85E+00
5.31E+01	-9.30E+01	1.76E+02	-1.22E-02	-4.84E+00
5.32E+01	-9.30E+01	1.75E+02	9.77E-03	-4.86E+00
5.32E+01	-9.30E+01	1.76E+02	-1.22E-02	-4.85E+00
5.32E+01	-9.30E+01	1.76E+02	-2.44E-02	-4.84E+00
5.32E+01	-9.30E+01	1.75E+02	-2.20E-02	-4.84E+00
5.32E+01	-9.30E+01	1.76E+02	-2.20E-02	-4.85E+00

5.33E+01	-9.30E+01	1.75E+02	-4.39E-02	-4.84E+00
5.33E+01	-9.30E+01	1.75E+02	-3.78E-02	-4.84E+00
5.33E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.84E+00
5.33E+01	-9.30E+01	1.75E+02	-2.81E-02	-4.84E+00
5.33E+01	-9.30E+01	1.75E+02	-3.30E-02	-4.84E+00
5.34E+01	-9.30E+01	1.75E+02	-3.91E-02	-4.84E+00
5.34E+01	-9.30E+01	1.75E+02	-3.91E-02	-4.83E+00
5.34E+01	-9.30E+01	1.75E+02	-5.62E-02	-4.84E+00
5.34E+01	-9.30E+01	1.75E+02	-2.93E-02	-4.85E+00
5.34E+01	-9.30E+01	1.75E+02	-1.46E-02	-4.84E+00
5.35E+01	-9.30E+01	1.75E+02	-3.30E-02	-4.84E+00
5.35E+01	-9.30E+01	1.75E+02	-3.54E-02	-4.83E+00
5.35E+01	-9.30E+01	1.75E+02	-2.93E-02	-4.83E+00
5.35E+01	-9.30E+01	1.75E+02	-1.22E-02	-4.83E+00
5.35E+01	-9.30E+01	1.75E+02	-8.54E-03	-4.83E+00
5.36E+01	-9.30E+01	1.75E+02	-1.71E-02	-4.82E+00
5.36E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.83E+00
5.36E+01	-9.30E+01	1.75E+02	-1.22E-03	-4.83E+00
5.36E+01	-9.30E+01	1.75E+02	-3.66E-03	-4.83E+00
5.36E+01	-9.30E+01	1.75E+02	-1.71E-02	-4.82E+00
5.37E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.83E+00
5.37E+01	-9.30E+01	1.75E+02	-3.66E-02	-4.81E+00
5.37E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.81E+00
5.37E+01	-9.30E+01	1.75E+02	-2.44E-03	-4.81E+00
5.37E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.81E+00
5.38E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.80E+00
5.38E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.80E+00
5.38E+01	-9.30E+01	1.75E+02	-3.54E-02	-4.81E+00
5.38E+01	-9.30E+01	1.75E+02	-2.20E-02	-4.80E+00
5.38E+01	-9.30E+01	1.75E+02	-7.32E-03	-4.80E+00
5.39E+01	-9.30E+01	1.75E+02	-2.20E-02	-4.79E+00
5.39E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.79E+00
5.39E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.80E+00
5.39E+01	-9.30E+01	1.75E+02	-2.81E-02	-4.80E+00
5.39E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.81E+00
5.40E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.80E+00
5.40E+01	-9.30E+01	1.75E+02	-1.83E-02	-4.79E+00
5.40E+01	-9.30E+01	1.75E+02	-2.20E-02	-4.79E+00
5.40E+01	-9.30E+01	1.75E+02	-2.81E-02	-4.79E+00
5.40E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.78E+00
5.41E+01	-9.30E+01	1.75E+02	-3.91E-02	-4.79E+00
5.41E+01	-9.30E+01	1.76E+02	-3.91E-02	-4.78E+00
5.41E+01	-9.30E+01	1.75E+02	-2.56E-02	-4.76E+00
5.41E+01	-9.30E+01	1.75E+02	-1.95E-02	-4.78E+00
5.41E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.77E+00
5.42E+01	-9.30E+01	1.75E+02	-1.10E-02	-4.77E+00
5.42E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.77E+00

5.42E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.77E+00
5.42E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.77E+00
5.42E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.77E+00
5.43E+01	-9.30E+01	1.75E+02	-3.91E-02	-4.77E+00
5.43E+01	-9.30E+01	1.76E+02	-3.66E-02	-4.75E+00
5.43E+01	-9.30E+01	1.75E+02	-2.93E-02	-4.75E+00
5.43E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.76E+00
5.43E+01	-9.30E+01	1.74E+02	-3.66E-02	-4.76E+00
5.44E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.76E+00
5.44E+01	-9.30E+01	1.75E+02	-3.66E-02	-4.75E+00
5.44E+01	-9.30E+01	1.75E+02	-4.52E-02	-4.74E+00
5.44E+01	-9.30E+01	1.75E+02	-2.93E-02	-4.75E+00
5.44E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.75E+00
5.45E+01	-9.30E+01	1.75E+02	-3.30E-02	-4.74E+00
5.45E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.74E+00
5.45E+01	-9.30E+01	1.75E+02	-2.56E-02	-4.74E+00
5.45E+01	-9.30E+01	1.75E+02	-2.81E-02	-4.74E+00
5.45E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.75E+00
5.46E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.75E+00
5.46E+01	-9.30E+01	1.75E+02	-2.32E-02	-4.73E+00
5.46E+01	-9.30E+01	1.75E+02	-4.15E-02	-4.74E+00
5.46E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.73E+00
5.46E+01	-9.30E+01	1.75E+02	-5.00E-02	-4.74E+00
5.47E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.74E+00
5.47E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.72E+00
5.47E+01	-9.30E+01	1.75E+02	-4.15E-02	-4.73E+00
5.47E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.75E+00
5.47E+01	-9.30E+01	1.75E+02	-2.93E-02	-4.73E+00
5.48E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.73E+00
5.48E+01	-9.30E+01	1.75E+02	-2.81E-02	-4.72E+00
5.48E+01	-9.30E+01	1.75E+02	-4.88E-03	-4.72E+00
5.48E+01	-9.30E+01	1.75E+02	-2.93E-02	-4.72E+00
5.48E+01	-9.30E+01	1.75E+02	-2.08E-02	-4.72E+00
5.49E+01	-9.30E+01	1.75E+02	-2.08E-02	-4.72E+00
5.49E+01	-9.30E+01	1.75E+02	-2.32E-02	-4.72E+00
5.49E+01	-9.30E+01	1.75E+02	-1.22E-02	-4.71E+00
5.49E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.72E+00
5.49E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.72E+00
5.50E+01	-9.30E+01	1.75E+02	-2.44E-03	-4.70E+00
5.50E+01	-9.30E+01	1.75E+02	-1.95E-02	-4.71E+00
5.50E+01	-9.30E+01	1.75E+02	4.88E-03	-4.70E+00
5.50E+01	-9.30E+01	1.75E+02	4.88E-03	-4.70E+00
5.50E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.70E+00
5.51E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.69E+00
5.51E+01	-9.30E+01	1.75E+02	4.88E-03	-4.70E+00
5.51E+01	-9.30E+01	1.75E+02	1.22E-02	-4.69E+00
5.51E+01	-9.30E+01	1.75E+02	2.69E-02	-4.69E+00

5.51E+01	-9.30E+01	1.75E+02	-6.10E-03	-4.68E+00
5.52E+01	-9.30E+01	1.75E+02	-8.54E-03	-4.68E+00
5.52E+01	-9.30E+01	1.75E+02	4.88E-03	-4.68E+00
5.52E+01	-9.30E+01	1.75E+02	-8.54E-03	-4.68E+00
5.52E+01	-9.30E+01	1.75E+02	1.95E-02	-4.68E+00
5.52E+01	-9.30E+01	1.75E+02	-7.32E-03	-4.66E+00
5.53E+01	-9.30E+01	1.75E+02	-1.22E-02	-4.67E+00
5.53E+01	-9.30E+01	1.75E+02	2.44E-03	-4.68E+00
5.53E+01	-9.30E+01	1.75E+02	2.44E-02	-4.67E+00
5.53E+01	-9.30E+01	1.75E+02	-8.54E-03	-4.67E+00
5.53E+01	-9.30E+01	1.75E+02	-4.88E-03	-4.66E+00
5.54E+01	-9.30E+01	1.75E+02	2.69E-02	-4.66E+00
5.54E+01	-9.30E+01	1.75E+02	-2.44E-03	-4.67E+00
5.54E+01	-9.30E+01	1.75E+02	0.00E+00	-4.67E+00
5.54E+01	-9.30E+01	1.75E+02	0.00E+00	-4.67E+00
5.54E+01	-9.30E+01	1.75E+02	6.10E-03	-4.68E+00
5.55E+01	-9.30E+01	1.75E+02	6.10E-03	-4.66E+00
5.55E+01	-9.30E+01	1.75E+02	4.88E-03	-4.66E+00
5.55E+01	-9.30E+01	1.75E+02	0.00E+00	-4.66E+00
5.55E+01	-9.30E+01	1.75E+02	-1.22E-03	-4.66E+00
5.55E+01	-9.30E+01	1.75E+02	-6.10E-03	-4.65E+00
5.56E+01	-9.30E+01	1.75E+02	-1.22E-03	-4.64E+00
5.56E+01	-9.30E+01	1.75E+02	-2.44E-03	-4.65E+00
5.56E+01	-9.30E+01	1.75E+02	-2.20E-02	-4.65E+00
5.56E+01	-9.30E+01	1.75E+02	-1.46E-02	-4.64E+00
5.56E+01	-9.30E+01	1.75E+02	-2.44E-03	-4.64E+00
5.57E+01	-9.30E+01	1.75E+02	1.22E-03	-4.63E+00
5.57E+01	-9.30E+01	1.75E+02	-2.08E-02	-4.63E+00
5.57E+01	-9.30E+01	1.75E+02	-2.93E-02	-4.63E+00
5.57E+01	-9.30E+01	1.75E+02	-1.95E-02	-4.63E+00
5.57E+01	-9.30E+01	1.75E+02	-2.93E-02	-4.63E+00
5.58E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.62E+00
5.58E+01	-9.30E+01	1.75E+02	2.69E-02	-4.63E+00
5.58E+01	-9.30E+01	1.75E+02	-7.32E-03	-4.63E+00
5.58E+01	-9.30E+01	1.75E+02	-7.32E-03	-4.62E+00
5.58E+01	-9.30E+01	1.75E+02	0.00E+00	-4.62E+00
5.59E+01	-9.30E+01	1.75E+02	-7.32E-03	-4.64E+00
5.59E+01	-9.30E+01	1.75E+02	1.46E-02	-4.62E+00
5.59E+01	-9.30E+01	1.75E+02	0.00E+00	-4.62E+00
5.59E+01	-9.30E+01	1.75E+02	-1.71E-02	-4.61E+00
5.59E+01	-9.30E+01	1.75E+02	-4.88E-03	-4.61E+00
5.60E+01	-9.30E+01	1.75E+02	-1.22E-02	-4.62E+00
5.60E+01	-9.30E+01	1.75E+02	-2.44E-03	-4.61E+00
5.60E+01	-9.30E+01	1.75E+02	-7.32E-03	-4.61E+00
5.60E+01	-9.30E+01	1.75E+02	-1.22E-02	-4.61E+00
5.60E+01	-9.30E+01	1.75E+02	-1.22E-02	-4.60E+00
5.61E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.60E+00

5.61E+01	-9.30E+01	1.75E+02	4.88E-03	-4.60E+00
5.61E+01	-9.30E+01	1.75E+02	-2.44E-03	-4.61E+00
5.61E+01	-9.30E+01	1.75E+02	-1.10E-02	-4.60E+00
5.61E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.60E+00
5.62E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.59E+00
5.62E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.60E+00
5.62E+01	-9.30E+01	1.75E+02	-7.32E-03	-4.59E+00
5.62E+01	-9.30E+01	1.75E+02	-7.32E-03	-4.59E+00
5.62E+01	-9.30E+01	1.75E+02	-1.22E-02	-4.60E+00
5.63E+01	-9.30E+01	1.75E+02	-1.46E-02	-4.59E+00
5.63E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.59E+00
5.63E+01	-9.30E+01	1.75E+02	-3.91E-02	-4.59E+00
5.63E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.58E+00
5.63E+01	-9.30E+01	1.75E+02	-1.34E-02	-4.58E+00
5.64E+01	-9.30E+01	1.75E+02	-2.08E-02	-4.58E+00
5.64E+01	-9.30E+01	1.74E+02	-1.10E-02	-4.58E+00
5.64E+01	-9.30E+01	1.75E+02	-3.66E-03	-4.57E+00
5.64E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.57E+00
5.64E+01	-9.30E+01	1.75E+02	-1.71E-02	-4.57E+00
5.65E+01	-9.30E+01	1.75E+02	7.32E-03	-4.57E+00
5.65E+01	-9.30E+01	1.74E+02	-1.83E-02	-4.58E+00
5.65E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.57E+00
5.65E+01	-9.30E+01	1.75E+02	-2.93E-02	-4.56E+00
5.65E+01	-9.30E+01	1.75E+02	2.44E-03	-4.56E+00
5.66E+01	-9.30E+01	1.75E+02	-2.32E-02	-4.56E+00
5.66E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.57E+00
5.66E+01	-9.30E+01	1.74E+02	2.44E-03	-4.56E+00
5.66E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.56E+00
5.66E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.56E+00
5.67E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.55E+00
5.67E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.55E+00
5.67E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.55E+00
5.67E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.55E+00
5.67E+01	-9.30E+01	1.75E+02	4.88E-03	-4.54E+00
5.68E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.54E+00
5.68E+01	-9.30E+01	1.74E+02	1.83E-02	-4.54E+00
5.68E+01	-9.30E+01	1.74E+02	0.00E+00	-4.54E+00
5.68E+01	-9.30E+01	1.74E+02	4.88E-03	-4.55E+00
5.68E+01	-9.30E+01	1.74E+02	0.00E+00	-4.54E+00
5.69E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.55E+00
5.69E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.55E+00
5.69E+01	-9.30E+01	1.74E+02	1.22E-02	-4.54E+00
5.69E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.54E+00
5.69E+01	-9.30E+01	1.74E+02	-1.83E-02	-4.55E+00
5.70E+01	-9.30E+01	1.74E+02	-1.83E-02	-4.54E+00
5.70E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.53E+00
5.70E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.54E+00

5.70E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.54E+00
5.70E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.54E+00
5.71E+01	-9.30E+01	1.74E+02	-1.59E-02	-4.54E+00
5.71E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.53E+00
5.71E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.54E+00
5.71E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.53E+00
5.71E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.54E+00
5.72E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.52E+00
5.72E+01	-9.30E+01	1.74E+02	-1.34E-02	-4.52E+00
5.72E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.53E+00
5.72E+01	-9.30E+01	1.74E+02	1.95E-02	-4.52E+00
5.72E+01	-9.30E+01	1.74E+02	-1.34E-02	-4.52E+00
5.73E+01	-9.30E+01	1.74E+02	-1.34E-02	-4.52E+00
5.73E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.52E+00
5.73E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.52E+00
5.73E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.52E+00
5.73E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.51E+00
5.74E+01	-9.30E+01	1.73E+02	-4.03E-02	-4.51E+00
5.74E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.51E+00
5.74E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.51E+00
5.74E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.51E+00
5.74E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.50E+00
5.75E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.50E+00
5.75E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.50E+00
5.75E+01	-9.30E+01	1.74E+02	1.22E-02	-4.49E+00
5.75E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.50E+00
5.75E+01	-9.30E+01	1.74E+02	1.83E-02	-4.48E+00
5.76E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.49E+00
5.76E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.49E+00
5.76E+01	-9.30E+01	1.74E+02	-1.34E-02	-4.49E+00
5.76E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.48E+00
5.76E+01	-9.30E+01	1.73E+02	-3.30E-02	-4.49E+00
5.77E+01	-9.30E+01	1.74E+02	-4.15E-02	-4.49E+00
5.77E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.48E+00
5.77E+01	-9.30E+01	1.73E+02	-3.66E-03	-4.48E+00
5.77E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.49E+00
5.77E+01	-9.30E+01	1.74E+02	-3.91E-02	-4.48E+00
5.78E+01	-9.30E+01	1.73E+02	-1.10E-02	-4.47E+00
5.78E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.47E+00
5.78E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.47E+00
5.78E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.47E+00
5.78E+01	-9.30E+01	1.73E+02	-1.83E-02	-4.47E+00
5.79E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.46E+00
5.79E+01	-9.30E+01	1.73E+02	2.44E-03	-4.46E+00
5.79E+01	-9.30E+01	1.74E+02	2.44E-03	-4.46E+00
5.79E+01	-9.30E+01	1.73E+02	0.00E+00	-4.46E+00
5.79E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.46E+00

5.80E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.45E+00
5.80E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.46E+00
5.80E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.47E+00
5.80E+01	-9.30E+01	1.73E+02	-6.10E-03	-4.45E+00
5.80E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.45E+00
5.81E+01	-9.30E+01	1.74E+02	-1.59E-02	-4.45E+00
5.81E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.45E+00
5.81E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.44E+00
5.81E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.45E+00
5.81E+01	-9.30E+01	1.73E+02	-1.34E-02	-4.44E+00
5.82E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.44E+00
5.82E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.44E+00
5.82E+01	-9.30E+01	1.73E+02	-1.59E-02	-4.44E+00
5.82E+01	-9.30E+01	1.73E+02	-1.46E-02	-4.44E+00
5.82E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.44E+00
5.83E+01	-9.30E+01	1.74E+02	2.44E-03	-4.42E+00
5.83E+01	-9.30E+01	1.73E+02	-1.34E-02	-4.42E+00
5.83E+01	-9.30E+01	1.73E+02	2.44E-03	-4.43E+00
5.83E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.43E+00
5.83E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.42E+00
5.84E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.41E+00
5.84E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.42E+00
5.84E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.42E+00
5.84E+01	-9.30E+01	1.74E+02	-1.22E-03	-4.42E+00
5.84E+01	-9.30E+01	1.74E+02	1.22E-03	-4.41E+00
5.85E+01	-9.30E+01	1.74E+02	2.44E-03	-4.41E+00
5.85E+01	-9.30E+01	1.73E+02	4.88E-03	-4.40E+00
5.85E+01	-9.30E+01	1.73E+02	6.10E-03	-4.41E+00
5.85E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.41E+00
5.85E+01	-9.30E+01	1.73E+02	-1.83E-02	-4.40E+00
5.86E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.40E+00
5.86E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.40E+00
5.86E+01	-9.30E+01	1.74E+02	1.46E-02	-4.40E+00
5.86E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.40E+00
5.86E+01	-9.30E+01	1.73E+02	1.22E-02	-4.39E+00
5.87E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.40E+00
5.87E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.39E+00
5.87E+01	-9.30E+01	1.73E+02	1.71E-02	-4.39E+00
5.87E+01	-9.30E+01	1.73E+02	4.88E-03	-4.41E+00
5.87E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.39E+00
5.88E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.38E+00
5.88E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.37E+00
5.88E+01	-9.30E+01	1.73E+02	2.44E-03	-4.38E+00
5.88E+01	-9.30E+01	1.74E+02	-3.66E-03	-4.38E+00
5.88E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.37E+00
5.89E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.38E+00
5.89E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.37E+00

5.89E+01	-9.30E+01	1.73E+02	1.22E-03	-4.37E+00
5.89E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.36E+00
5.89E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.37E+00
5.90E+01	-9.30E+01	1.74E+02	1.46E-02	-4.36E+00
5.90E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.37E+00
5.90E+01	-9.30E+01	1.74E+02	0.00E+00	-4.36E+00
5.90E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.36E+00
5.90E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.36E+00
5.91E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.35E+00
5.91E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.36E+00
5.91E+01	-9.30E+01	1.74E+02	-4.64E-02	-4.34E+00
5.91E+01	-9.30E+01	1.73E+02	-3.66E-02	-4.35E+00
5.91E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.36E+00
5.92E+01	-9.30E+01	1.74E+02	-3.30E-02	-4.36E+00
5.92E+01	-9.30E+01	1.73E+02	-3.42E-02	-4.36E+00
5.92E+01	-9.30E+01	1.74E+02	-4.52E-02	-4.35E+00
5.92E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.35E+00
5.92E+01	-9.30E+01	1.74E+02	-2.32E-02	-4.35E+00
5.93E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.35E+00
5.93E+01	-9.30E+01	1.73E+02	-4.15E-02	-4.34E+00
5.93E+01	-9.30E+01	1.74E+02	-3.05E-02	-4.34E+00
5.93E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.34E+00
5.93E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.35E+00
5.94E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.34E+00
5.94E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.34E+00
5.94E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.34E+00
5.94E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.32E+00
5.94E+01	-9.30E+01	1.73E+02	-1.59E-02	-4.34E+00
5.95E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.34E+00
5.95E+01	-9.30E+01	1.74E+02	1.71E-02	-4.32E+00
5.95E+01	-9.30E+01	1.73E+02	1.22E-02	-4.32E+00
5.95E+01	-9.30E+01	1.73E+02	0.00E+00	-4.33E+00
5.95E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.33E+00
5.96E+01	-9.30E+01	1.74E+02	-1.34E-02	-4.31E+00
5.96E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.32E+00
5.96E+01	-9.30E+01	1.73E+02	9.77E-03	-4.32E+00
5.96E+01	-9.30E+01	1.73E+02	-6.10E-03	-4.32E+00
5.96E+01	-9.30E+01	1.73E+02	0.00E+00	-4.31E+00
5.97E+01	-9.30E+01	1.74E+02	-1.10E-02	-4.30E+00
5.97E+01	-9.30E+01	1.73E+02	1.95E-02	-4.30E+00
5.97E+01	-9.30E+01	1.73E+02	4.88E-03	-4.31E+00
5.97E+01	-9.30E+01	1.73E+02	4.88E-03	-4.30E+00
5.97E+01	-9.30E+01	1.73E+02	7.32E-03	-4.30E+00
5.98E+01	-9.30E+01	1.73E+02	2.44E-03	-4.29E+00
5.98E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.30E+00
5.98E+01	-9.30E+01	1.73E+02	6.10E-03	-4.30E+00
5.98E+01	-9.30E+01	1.74E+02	-3.54E-02	-4.30E+00

5.98E+01	-9.30E+01	1.73E+02	-1.46E-02	-4.28E+00
5.99E+01	-9.30E+01	1.73E+02	-8.54E-03	-4.28E+00
5.99E+01	-9.30E+01	1.73E+02	-1.22E-03	-4.29E+00
5.99E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.28E+00
5.99E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.28E+00
5.99E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.28E+00
6.00E+01	-9.30E+01	1.74E+02	-3.66E-02	-4.28E+00
6.00E+01	-9.30E+01	1.73E+02	-3.42E-02	-4.28E+00
6.00E+01	-9.30E+01	1.73E+02	-5.86E-02	-4.28E+00
6.00E+01	-9.30E+01	1.73E+02	-3.66E-02	-4.28E+00
6.00E+01	-9.30E+01	1.73E+02	-3.30E-02	-4.27E+00
6.01E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.28E+00
6.01E+01	-9.30E+01	1.73E+02	-1.59E-02	-4.28E+00
6.01E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.27E+00
6.01E+01	-9.30E+01	1.73E+02	-3.17E-02	-4.27E+00
6.01E+01	-9.30E+01	1.73E+02	-3.42E-02	-4.28E+00
6.02E+01	-9.30E+01	1.73E+02	-3.17E-02	-4.28E+00
6.02E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.27E+00
6.02E+01	-9.30E+01	1.73E+02	1.83E-02	-4.26E+00
6.02E+01	-9.30E+01	1.73E+02	0.00E+00	-4.25E+00
6.02E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.26E+00
6.03E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.25E+00
6.03E+01	-9.30E+01	1.73E+02	2.44E-03	-4.25E+00
6.03E+01	-9.30E+01	1.73E+02	-1.22E-03	-4.25E+00
6.03E+01	-9.30E+01	1.73E+02	-2.08E-02	-4.26E+00
6.03E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.25E+00
6.04E+01	-9.30E+01	1.73E+02	-1.46E-02	-4.24E+00
6.04E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.24E+00
6.04E+01	-9.30E+01	1.73E+02	-1.22E-03	-4.25E+00
6.04E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.23E+00
6.04E+01	-9.30E+01	1.74E+02	6.10E-03	-4.24E+00
6.05E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.24E+00
6.05E+01	-9.30E+01	1.73E+02	-2.32E-02	-4.24E+00
6.05E+01	-9.30E+01	1.73E+02	-3.05E-02	-4.24E+00
6.05E+01	-9.30E+01	1.73E+02	-2.08E-02	-4.24E+00
6.05E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.24E+00
6.06E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.24E+00
6.06E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.24E+00
6.06E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.23E+00
6.06E+01	-9.30E+01	1.73E+02	7.32E-03	-4.23E+00
6.06E+01	-9.30E+01	1.73E+02	1.46E-02	-4.23E+00
6.07E+01	-9.30E+01	1.73E+02	-1.46E-02	-4.23E+00
6.07E+01	-9.30E+01	1.73E+02	2.44E-03	-4.22E+00
6.07E+01	-9.30E+01	1.73E+02	7.32E-03	-4.21E+00
6.07E+01	-9.30E+01	1.73E+02	2.20E-02	-4.22E+00
6.07E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.21E+00
6.08E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.21E+00

6.08E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.21E+00
6.08E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.23E+00
6.08E+01	-9.30E+01	1.73E+02	-3.17E-02	-4.21E+00
6.08E+01	-9.30E+01	1.73E+02	-3.30E-02	-4.21E+00
6.09E+01	-9.30E+01	1.73E+02	-3.30E-02	-4.22E+00
6.09E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.22E+00
6.09E+01	-9.30E+01	1.73E+02	-3.17E-02	-4.22E+00
6.09E+01	-9.30E+01	1.73E+02	-4.15E-02	-4.21E+00
6.09E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.22E+00
6.10E+01	-9.30E+01	1.72E+02	-1.22E-02	-4.21E+00
6.10E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.21E+00
6.10E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.20E+00
6.10E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.20E+00
6.10E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.20E+00
6.11E+01	-9.30E+01	1.73E+02	-1.10E-02	-4.20E+00
6.11E+01	-9.30E+01	1.73E+02	-6.10E-03	-4.21E+00
6.11E+01	-9.30E+01	1.73E+02	-3.91E-02	-4.20E+00
6.11E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.18E+00
6.11E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.19E+00
6.12E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.20E+00
6.12E+01	-9.30E+01	1.73E+02	-2.81E-02	-4.20E+00
6.12E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.18E+00
6.12E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.18E+00
6.12E+01	-9.30E+01	1.73E+02	7.32E-03	-4.18E+00
6.13E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.19E+00
6.13E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.17E+00
6.13E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.16E+00
6.13E+01	-9.30E+01	1.73E+02	-1.10E-02	-4.17E+00
6.13E+01	-9.30E+01	1.72E+02	2.44E-03	-4.17E+00
6.14E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.17E+00
6.14E+01	-9.30E+01	1.72E+02	-3.42E-02	-4.16E+00
6.14E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.17E+00
6.14E+01	-9.30E+01	1.73E+02	-6.10E-03	-4.17E+00
6.14E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.16E+00
6.15E+01	-9.30E+01	1.72E+02	4.88E-03	-4.15E+00
6.15E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.15E+00
6.15E+01	-9.30E+01	1.73E+02	-6.10E-03	-4.15E+00
6.15E+01	-9.30E+01	1.72E+02	1.10E-02	-4.16E+00
6.15E+01	-9.30E+01	1.72E+02	4.88E-03	-4.15E+00
6.16E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.15E+00
6.16E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.15E+00
6.16E+01	-9.30E+01	1.73E+02	2.44E-03	-4.13E+00
6.16E+01	-9.30E+01	1.72E+02	4.88E-03	-4.14E+00
6.16E+01	-9.30E+01	1.72E+02	2.44E-03	-4.14E+00
6.17E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.13E+00
6.17E+01	-9.30E+01	1.73E+02	-1.59E-02	-4.14E+00
6.17E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.13E+00

6.17E+01	-9.30E+01	1.72E+02	-4.15E-02	-4.13E+00
6.17E+01	-9.30E+01	1.73E+02	-2.81E-02	-4.12E+00
6.18E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.13E+00
6.18E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.13E+00
6.18E+01	-9.30E+01	1.72E+02	-4.52E-02	-4.14E+00
6.18E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.13E+00
6.18E+01	-9.30E+01	1.73E+02	-4.88E-02	-4.12E+00
6.19E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.12E+00
6.19E+01	-9.30E+01	1.72E+02	-3.30E-02	-4.11E+00
6.19E+01	-9.30E+01	1.73E+02	-1.59E-02	-4.12E+00
6.19E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.13E+00
6.19E+01	-9.30E+01	1.72E+02	-4.15E-02	-4.12E+00
6.20E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.12E+00
6.20E+01	-9.30E+01	1.72E+02	-4.15E-02	-4.12E+00
6.20E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.12E+00
6.20E+01	-9.30E+01	1.73E+02	-1.59E-02	-4.10E+00
6.20E+01	-9.30E+01	1.72E+02	-3.66E-02	-4.11E+00
6.21E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.10E+00
6.21E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.10E+00
6.21E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.10E+00
6.21E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.10E+00
6.21E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.10E+00
6.22E+01	-9.30E+01	1.72E+02	-3.42E-02	-4.09E+00
6.22E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.10E+00
6.22E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.10E+00
6.22E+01	-9.30E+01	1.72E+02	-1.59E-02	-4.09E+00
6.22E+01	-9.30E+01	1.72E+02	-3.91E-02	-4.09E+00
6.23E+01	-9.30E+01	1.72E+02	-3.66E-02	-4.09E+00
6.23E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.09E+00
6.23E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.09E+00
6.23E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.08E+00
6.23E+01	-9.30E+01	1.72E+02	-3.91E-02	-4.08E+00
6.24E+01	-9.30E+01	1.72E+02	-2.81E-02	-4.08E+00
6.24E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.09E+00
6.24E+01	-9.30E+01	1.72E+02	-3.91E-02	-4.09E+00
6.24E+01	-9.30E+01	1.72E+02	-3.30E-02	-4.08E+00
6.24E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.09E+00
6.25E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.09E+00
6.25E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.08E+00
6.25E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.08E+00
6.25E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.08E+00
6.25E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.08E+00
6.26E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.07E+00
6.26E+01	-9.30E+01	1.72E+02	-2.32E-02	-4.08E+00
6.26E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.07E+00
6.26E+01	-9.30E+01	1.72E+02	-2.32E-02	-4.06E+00
6.26E+01	-9.30E+01	1.72E+02	9.77E-03	-4.05E+00

6.27E+01	-9.30E+01	1.72E+02	2.44E-03	-4.07E+00
6.27E+01	-9.30E+01	1.72E+02	-8.54E-03	-4.07E+00
6.27E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.06E+00
6.27E+01	-9.30E+01	1.72E+02	-1.34E-02	-4.05E+00
6.27E+01	-9.30E+01	1.72E+02	4.88E-03	-4.05E+00
6.28E+01	-9.30E+01	1.72E+02	2.44E-03	-4.06E+00
6.28E+01	-9.30E+01	1.72E+02	-1.22E-02	-4.05E+00
6.28E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.04E+00
6.28E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.05E+00
6.28E+01	-9.30E+01	1.72E+02	1.22E-03	-4.04E+00
6.29E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.03E+00
6.29E+01	-9.30E+01	1.72E+02	4.88E-03	-4.03E+00
6.29E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.03E+00
6.29E+01	-9.30E+01	1.72E+02	1.71E-02	-4.03E+00
6.29E+01	-9.30E+01	1.72E+02	4.88E-03	-4.03E+00
6.30E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.03E+00
6.30E+01	-9.30E+01	1.72E+02	-1.10E-02	-4.03E+00
6.30E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.03E+00
6.30E+01	-9.30E+01	1.72E+02	7.32E-03	-4.02E+00
6.30E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.02E+00
6.31E+01	-9.30E+01	1.72E+02	4.88E-03	-4.03E+00
6.31E+01	-9.30E+01	1.72E+02	-1.59E-02	-4.02E+00
6.31E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.02E+00
6.31E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.03E+00
6.31E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.01E+00
6.32E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.01E+00
6.32E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.01E+00
6.32E+01	-9.30E+01	1.72E+02	2.44E-03	-4.01E+00
6.32E+01	-9.30E+01	1.72E+02	2.44E-03	-4.01E+00
6.32E+01	-9.30E+01	1.72E+02	4.88E-03	-4.01E+00
6.33E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.02E+00
6.33E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.00E+00
6.33E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.00E+00
6.33E+01	-9.30E+01	1.72E+02	-6.10E-03	-4.00E+00
6.33E+01	-9.30E+01	1.72E+02	0.00E+00	-4.01E+00
6.34E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.00E+00
6.34E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.00E+00
6.34E+01	-9.30E+01	1.72E+02	-2.93E-02	-3.99E+00
6.34E+01	-9.30E+01	1.72E+02	-1.83E-02	-4.00E+00
6.34E+01	-9.30E+01	1.72E+02	-5.37E-02	-4.00E+00
6.35E+01	-9.30E+01	1.72E+02	-3.54E-02	-3.99E+00
6.35E+01	-9.30E+01	1.72E+02	-2.93E-02	-3.98E+00
6.35E+01	-9.30E+01	1.72E+02	-2.93E-02	-3.98E+00
6.35E+01	-9.30E+01	1.72E+02	-1.71E-02	-3.99E+00
6.35E+01	-9.30E+01	1.72E+02	-4.15E-02	-3.98E+00
6.36E+01	-9.30E+01	1.72E+02	-3.66E-02	-3.98E+00
6.36E+01	-9.30E+01	1.72E+02	-6.10E-02	-3.99E+00

6.36E+01	-9.30E+01	1.72E+02	-3.17E-02	-3.99E+00
6.36E+01	-9.30E+01	1.72E+02	-3.91E-02	-3.99E+00
6.36E+01	-9.30E+01	1.72E+02	-3.66E-02	-3.98E+00
6.37E+01	-9.30E+01	1.72E+02	-3.78E-02	-3.97E+00
6.37E+01	-9.30E+01	1.72E+02	-2.81E-02	-3.97E+00
6.37E+01	-9.30E+01	1.72E+02	-2.81E-02	-3.97E+00
6.37E+01	-9.30E+01	1.72E+02	-7.32E-03	-3.97E+00
6.37E+01	-9.30E+01	1.72E+02	-3.30E-02	-3.97E+00
6.38E+01	-9.30E+01	1.72E+02	-3.42E-02	-3.96E+00
6.38E+01	-9.30E+01	1.72E+02	-3.42E-02	-3.96E+00
6.38E+01	-9.30E+01	1.72E+02	-2.44E-02	-3.97E+00
6.38E+01	-9.30E+01	1.72E+02	-3.42E-02	-3.97E+00
6.38E+01	-9.30E+01	1.72E+02	-3.42E-02	-3.96E+00
6.39E+01	-9.30E+01	1.72E+02	-4.39E-02	-3.96E+00
6.39E+01	-9.30E+01	1.72E+02	-3.17E-02	-3.95E+00
6.39E+01	-9.30E+01	1.72E+02	-2.93E-02	-3.95E+00
6.39E+01	-9.30E+01	1.72E+02	-1.95E-02	-3.95E+00
6.39E+01	-9.30E+01	1.72E+02	-3.66E-02	-3.95E+00
6.40E+01	-9.30E+01	1.72E+02	-2.93E-02	-3.95E+00
6.40E+01	-9.30E+01	1.72E+02	-1.71E-02	-3.95E+00
6.40E+01	-9.30E+01	1.72E+02	-2.93E-02	-3.96E+00
6.40E+01	-9.30E+01	1.72E+02	-2.20E-02	-3.95E+00
6.40E+01	-9.30E+01	1.72E+02	-3.91E-02	-3.95E+00
6.41E+01	-9.30E+01	1.72E+02	-5.13E-02	-3.95E+00
6.41E+01	-9.30E+01	1.72E+02	-2.69E-02	-3.94E+00
6.41E+01	-9.30E+01	1.72E+02	-1.95E-02	-3.94E+00
6.41E+01	-9.30E+01	1.72E+02	-1.22E-02	-3.94E+00
6.41E+01	-9.30E+01	1.72E+02	-4.64E-02	-3.93E+00
6.42E+01	-9.30E+01	1.73E+02	-3.66E-02	-3.93E+00
6.42E+01	-9.30E+01	1.72E+02	-2.69E-02	-3.93E+00
6.42E+01	-9.30E+01	1.72E+02	-2.20E-02	-3.94E+00
6.42E+01	-9.30E+01	1.72E+02	-3.05E-02	-3.94E+00
6.42E+01	-9.30E+01	1.72E+02	-3.78E-02	-3.93E+00
6.43E+01	-9.30E+01	1.72E+02	-7.32E-03	-3.93E+00
6.43E+01	-9.30E+01	1.72E+02	-1.46E-02	-3.93E+00
6.43E+01	-9.30E+01	1.72E+02	-9.77E-03	-3.93E+00
6.43E+01	-9.30E+01	1.72E+02	-8.54E-03	-3.93E+00
6.43E+01	-9.30E+01	1.72E+02	-7.32E-03	-3.92E+00
6.44E+01	-9.30E+01	1.72E+02	2.44E-03	-3.92E+00
6.44E+01	-9.30E+01	1.72E+02	-2.69E-02	-3.92E+00
6.44E+01	-9.30E+01	1.72E+02	-6.10E-03	-3.91E+00
6.44E+01	-9.30E+01	1.72E+02	-7.32E-03	-3.91E+00
6.44E+01	-9.30E+01	1.72E+02	9.77E-03	-3.91E+00
6.45E+01	-9.30E+01	1.73E+02	0.00E+00	-3.92E+00
6.45E+01	-9.30E+01	1.73E+02	1.10E-02	-3.91E+00
6.45E+01	-9.30E+01	1.73E+02	1.34E-02	-3.90E+00
6.45E+01	-9.30E+01	1.73E+02	-2.44E-03	-3.90E+00

6.45E+01	-9.30E+01	1.73E+02	-2.44E-03	-3.90E+00
6.46E+01	-9.30E+01	1.72E+02	-2.44E-03	-3.90E+00
6.46E+01	-9.30E+01	1.73E+02	-2.93E-02	-3.90E+00
6.46E+01	-9.30E+01	1.73E+02	-8.54E-03	-3.89E+00
6.46E+01	-9.30E+01	1.73E+02	-2.44E-03	-3.89E+00
6.46E+01	-9.30E+01	1.73E+02	9.77E-03	-3.89E+00
6.47E+01	-9.30E+01	1.73E+02	4.88E-03	-3.88E+00
6.47E+01	-9.30E+01	1.73E+02	-7.32E-03	-3.88E+00
6.47E+01	-9.30E+01	1.73E+02	-1.46E-02	-3.88E+00
6.47E+01	-9.30E+01	1.73E+02	1.95E-02	-3.87E+00
6.47E+01	-9.30E+01	1.73E+02	2.44E-03	-3.89E+00
6.48E+01	-9.30E+01	1.73E+02	-7.32E-03	-3.88E+00
6.48E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.88E+00
6.48E+01	-9.30E+01	1.73E+02	2.44E-03	-3.88E+00
6.48E+01	-9.30E+01	1.73E+02	7.32E-03	-3.87E+00
6.48E+01	-9.30E+01	1.73E+02	-7.32E-03	-3.89E+00
6.49E+01	-9.30E+01	1.72E+02	-2.93E-02	-3.87E+00
6.49E+01	-9.30E+01	1.72E+02	-1.22E-02	-3.87E+00
6.49E+01	-9.30E+01	1.73E+02	-2.44E-02	-3.86E+00
6.49E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.86E+00
6.49E+01	-9.30E+01	1.73E+02	-3.05E-02	-3.87E+00
6.50E+01	-9.30E+01	1.73E+02	-2.32E-02	-3.86E+00
6.50E+01	-9.30E+01	1.73E+02	-2.69E-02	-3.85E+00
6.50E+01	-9.30E+01	1.73E+02	-2.44E-02	-3.86E+00
6.50E+01	-9.30E+01	1.73E+02	-1.22E-02	-3.86E+00
6.50E+01	-9.30E+01	1.73E+02	4.88E-03	-3.86E+00
6.51E+01	-9.30E+01	1.73E+02	-3.05E-02	-3.85E+00
6.51E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.85E+00
6.51E+01	-9.30E+01	1.73E+02	-2.20E-02	-3.85E+00
6.51E+01	-9.30E+01	1.73E+02	-1.46E-02	-3.83E+00
6.51E+01	-9.30E+01	1.73E+02	-2.20E-02	-3.85E+00
6.52E+01	-9.30E+01	1.73E+02	-2.20E-02	-3.84E+00
6.52E+01	-9.30E+01	1.73E+02	-4.52E-02	-3.84E+00
6.52E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.84E+00
6.52E+01	-9.30E+01	1.73E+02	-1.83E-02	-3.84E+00
6.52E+01	-9.30E+01	1.73E+02	-1.71E-02	-3.84E+00
6.53E+01	-9.30E+01	1.73E+02	-2.20E-02	-3.82E+00
6.53E+01	-9.30E+01	1.74E+02	-2.32E-02	-3.83E+00
6.53E+01	-9.30E+01	1.73E+02	-2.20E-02	-3.84E+00
6.53E+01	-9.30E+01	1.73E+02	-3.91E-02	-3.83E+00
6.53E+01	-9.30E+01	1.73E+02	-3.42E-02	-3.84E+00
6.54E+01	-9.30E+01	1.73E+02	-3.78E-02	-3.84E+00
6.54E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.84E+00
6.54E+01	-9.30E+01	1.73E+02	-1.22E-02	-3.85E+00
6.54E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.83E+00
6.54E+01	-9.30E+01	1.73E+02	-2.93E-02	-3.83E+00
6.55E+01	-9.30E+01	1.73E+02	-1.22E-03	-3.83E+00

6.55E+01	-9.30E+01	1.73E+02	1.22E-03	-3.83E+00
6.55E+01	-9.30E+01	1.73E+02	-9.77E-03	-3.83E+00
6.55E+01	-9.30E+01	1.73E+02	-3.42E-02	-3.82E+00
6.55E+01	-9.30E+01	1.74E+02	0.00E+00	-3.83E+00
6.56E+01	-9.30E+01	1.73E+02	-2.44E-03	-3.82E+00
6.56E+01	-9.30E+01	1.73E+02	-1.34E-02	-3.82E+00
6.56E+01	-9.30E+01	1.73E+02	-1.22E-03	-3.81E+00
6.56E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.80E+00
6.56E+01	-9.30E+01	1.74E+02	0.00E+00	-3.80E+00
6.57E+01	-9.30E+01	1.73E+02	-2.69E-02	-3.81E+00
6.57E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.81E+00
6.57E+01	-9.30E+01	1.74E+02	-1.83E-02	-3.80E+00
6.57E+01	-9.30E+01	1.74E+02	-6.10E-03	-3.79E+00
6.57E+01	-9.30E+01	1.73E+02	3.66E-03	-3.79E+00
6.58E+01	-9.30E+01	1.73E+02	-2.20E-02	-3.80E+00
6.58E+01	-9.30E+01	1.73E+02	-3.91E-02	-3.79E+00
6.58E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.80E+00
6.58E+01	-9.30E+01	1.74E+02	-1.59E-02	-3.79E+00
6.58E+01	-9.30E+01	1.73E+02	-1.22E-02	-3.79E+00
6.59E+01	-9.30E+01	1.73E+02	-7.32E-03	-3.79E+00
6.59E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.79E+00
6.59E+01	-9.30E+01	1.73E+02	2.44E-03	-3.78E+00
6.59E+01	-9.30E+01	1.73E+02	-2.44E-03	-3.77E+00
6.59E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.79E+00
6.60E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.78E+00
6.60E+01	-9.30E+01	1.74E+02	-3.05E-02	-3.78E+00
6.60E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.77E+00
6.60E+01	-9.30E+01	1.73E+02	-1.46E-02	-3.78E+00
6.60E+01	-9.30E+01	1.73E+02	-2.44E-02	-3.78E+00
6.61E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.77E+00
6.61E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.77E+00
6.61E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.77E+00
6.61E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.77E+00
6.61E+01	-9.30E+01	1.73E+02	-3.30E-02	-3.77E+00
6.62E+01	-9.30E+01	1.73E+02	-4.88E-02	-3.79E+00
6.62E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.77E+00
6.62E+01	-9.30E+01	1.74E+02	-1.83E-02	-3.77E+00
6.62E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.77E+00
6.62E+01	-9.30E+01	1.73E+02	-3.05E-02	-3.77E+00
6.63E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.76E+00
6.63E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.77E+00
6.63E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.77E+00
6.63E+01	-9.30E+01	1.73E+02	-6.10E-03	-3.76E+00
6.63E+01	-9.30E+01	1.74E+02	-1.22E-02	-3.76E+00
6.64E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.75E+00
6.64E+01	-9.30E+01	1.74E+02	4.88E-03	-3.76E+00
6.64E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.76E+00

6.64E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.75E+00
6.64E+01	-9.30E+01	1.74E+02	-1.10E-02	-3.75E+00
6.65E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.74E+00
6.65E+01	-9.30E+01	1.74E+02	0.00E+00	-3.75E+00
6.65E+01	-9.30E+01	1.74E+02	-2.08E-02	-3.73E+00
6.65E+01	-9.30E+01	1.74E+02	-4.88E-03	-3.73E+00
6.65E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.73E+00
6.66E+01	-9.30E+01	1.74E+02	1.22E-02	-3.73E+00
6.66E+01	-9.30E+01	1.74E+02	-1.34E-02	-3.71E+00
6.66E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.72E+00
6.66E+01	-9.30E+01	1.74E+02	-1.71E-02	-3.72E+00
6.66E+01	-9.30E+01	1.74E+02	-5.37E-02	-3.72E+00
6.67E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.72E+00
6.67E+01	-9.30E+01	1.74E+02	-2.81E-02	-3.72E+00
6.67E+01	-9.30E+01	1.74E+02	-2.56E-02	-3.72E+00
6.67E+01	-9.30E+01	1.74E+02	-9.77E-03	-3.71E+00
6.67E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.72E+00
6.68E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.71E+00
6.68E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.72E+00
6.68E+01	-9.30E+01	1.74E+02	-2.81E-02	-3.70E+00
6.68E+01	-9.30E+01	1.74E+02	-9.77E-03	-3.71E+00
6.68E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.71E+00
6.69E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.71E+00
6.69E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.70E+00
6.69E+01	-9.30E+01	1.74E+02	-2.32E-02	-3.70E+00
6.69E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.70E+00
6.69E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.71E+00
6.70E+01	-9.30E+01	1.74E+02	-3.91E-02	-3.70E+00
6.70E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.70E+00
6.70E+01	-9.30E+01	1.74E+02	-4.03E-02	-3.69E+00
6.70E+01	-9.30E+01	1.74E+02	-2.32E-02	-3.70E+00
6.70E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.71E+00
6.71E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.70E+00
6.71E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.70E+00
6.71E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.70E+00
6.71E+01	-9.30E+01	1.74E+02	-4.88E-03	-3.69E+00
6.71E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.70E+00
6.72E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.69E+00
6.72E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.69E+00
6.72E+01	-9.30E+01	1.74E+02	-2.32E-02	-3.67E+00
6.72E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.69E+00
6.72E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.69E+00
6.73E+01	-9.30E+01	1.74E+02	-1.10E-02	-3.68E+00
6.73E+01	-9.30E+01	1.74E+02	-4.64E-02	-3.68E+00
6.73E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.67E+00
6.73E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.68E+00
6.73E+01	-9.30E+01	1.74E+02	-3.30E-02	-3.68E+00

6.74E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.67E+00
6.74E+01	-9.30E+01	1.75E+02	-3.66E-02	-3.67E+00
6.74E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.67E+00
6.74E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.68E+00
6.74E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.67E+00
6.75E+01	-9.30E+01	1.75E+02	-3.42E-02	-3.66E+00
6.75E+01	-9.30E+01	1.75E+02	-4.03E-02	-3.67E+00
6.75E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.65E+00
6.75E+01	-9.30E+01	1.74E+02	-2.32E-02	-3.66E+00
6.75E+01	-9.30E+01	1.74E+02	-2.08E-02	-3.65E+00
6.76E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.63E+00
6.76E+01	-9.30E+01	1.74E+02	-3.78E-02	-3.65E+00
6.76E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.65E+00
6.76E+01	-9.30E+01	1.75E+02	-5.86E-02	-3.64E+00
6.76E+01	-9.30E+01	1.75E+02	-2.69E-02	-3.65E+00
6.77E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.64E+00
6.77E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.64E+00
6.77E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.63E+00
6.77E+01	-9.30E+01	1.75E+02	-2.20E-02	-3.63E+00
6.77E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.63E+00
6.78E+01	-9.30E+01	1.74E+02	2.44E-03	-3.62E+00
6.78E+01	-9.30E+01	1.74E+02	-4.03E-02	-3.63E+00
6.78E+01	-9.30E+01	1.75E+02	-2.08E-02	-3.63E+00
6.78E+01	-9.30E+01	1.75E+02	-3.17E-02	-3.63E+00
6.78E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.63E+00
6.79E+01	-9.30E+01	1.74E+02	-2.81E-02	-3.63E+00
6.79E+01	-9.30E+01	1.74E+02	-3.91E-02	-3.63E+00
6.79E+01	-9.30E+01	1.74E+02	3.66E-03	-3.62E+00
6.79E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.62E+00
6.79E+01	-9.30E+01	1.74E+02	-1.71E-02	-3.62E+00
6.80E+01	-9.30E+01	1.75E+02	-5.37E-02	-3.62E+00
6.80E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.61E+00
6.80E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.62E+00
6.80E+01	-9.30E+01	1.74E+02	-2.56E-02	-3.62E+00
6.80E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.62E+00
6.81E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.61E+00
6.81E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.62E+00
6.81E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.61E+00
6.81E+01	-9.30E+01	1.74E+02	2.44E-03	-3.62E+00
6.81E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.61E+00
6.82E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.61E+00
6.82E+01	-9.30E+01	1.74E+02	2.44E-03	-3.61E+00
6.82E+01	-9.30E+01	1.74E+02	-4.88E-03	-3.60E+00
6.82E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.60E+00
6.82E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.60E+00
6.83E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.59E+00
6.83E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.59E+00

6.83E+01	-9.30E+01	1.74E+02	0.00E+00	-3.60E+00
6.83E+01	-9.30E+01	1.74E+02	-4.88E-03	-3.59E+00
6.83E+01	-9.30E+01	1.74E+02	-8.54E-03	-3.60E+00
6.84E+01	-9.30E+01	1.74E+02	-1.22E-02	-3.59E+00
6.84E+01	-9.30E+01	1.73E+02	2.44E-03	-3.59E+00
6.84E+01	-9.30E+01	1.74E+02	6.10E-03	-3.59E+00
6.84E+01	-9.30E+01	1.74E+02	-1.10E-02	-3.59E+00
6.84E+01	-9.30E+01	1.74E+02	-1.34E-02	-3.58E+00
6.85E+01	-9.30E+01	1.74E+02	-4.88E-03	-3.58E+00
6.85E+01	-9.30E+01	1.74E+02	3.66E-03	-3.56E+00
6.85E+01	-9.30E+01	1.74E+02	4.88E-03	-3.57E+00
6.85E+01	-9.30E+01	1.74E+02	-1.22E-02	-3.57E+00
6.85E+01	-9.30E+01	1.74E+02	-4.88E-03	-3.58E+00
6.86E+01	-9.30E+01	1.74E+02	-1.10E-02	-3.57E+00
6.86E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.57E+00
6.86E+01	-9.30E+01	1.74E+02	-1.22E-03	-3.57E+00
6.86E+01	-9.30E+01	1.74E+02	-9.77E-03	-3.57E+00
6.86E+01	-9.30E+01	1.74E+02	-1.34E-02	-3.55E+00
6.87E+01	-9.30E+01	1.74E+02	-4.88E-03	-3.55E+00
6.87E+01	-9.30E+01	1.74E+02	1.46E-02	-3.55E+00
6.87E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.55E+00
6.87E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.55E+00
6.87E+01	-9.30E+01	1.75E+02	-3.17E-02	-3.54E+00
6.88E+01	-9.30E+01	1.74E+02	-1.71E-02	-3.54E+00
6.88E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.55E+00
6.88E+01	-9.30E+01	1.74E+02	-3.91E-02	-3.55E+00
6.88E+01	-9.30E+01	1.74E+02	-4.76E-02	-3.53E+00
6.88E+01	-9.30E+01	1.74E+02	-1.22E-02	-3.53E+00
6.89E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.54E+00
6.89E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.54E+00
6.89E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.54E+00
6.89E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.54E+00
6.89E+01	-9.30E+01	1.74E+02	-2.56E-02	-3.55E+00
6.90E+01	-9.30E+01	1.74E+02	-5.37E-02	-3.54E+00
6.90E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.54E+00
6.90E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.54E+00
6.90E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.54E+00
6.90E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.55E+00
6.91E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.53E+00
6.91E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.52E+00
6.91E+01	-9.30E+01	1.74E+02	-1.71E-02	-3.54E+00
6.91E+01	-9.30E+01	1.74E+02	-9.77E-03	-3.53E+00
6.91E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.52E+00
6.92E+01	-9.30E+01	1.74E+02	1.22E-02	-3.52E+00
6.92E+01	-9.30E+01	1.74E+02	-4.88E-03	-3.52E+00
6.92E+01	-9.30E+01	1.74E+02	2.44E-03	-3.52E+00
6.92E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.52E+00

6.92E+01	-9.30E+01	1.74E+02	-3.66E-03	-3.50E+00
6.93E+01	-9.30E+01	1.74E+02	-1.71E-02	-3.50E+00
6.93E+01	-9.30E+01	1.74E+02	-1.22E-02	-3.52E+00
6.93E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.50E+00
6.93E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.50E+00
6.93E+01	-9.30E+01	1.74E+02	2.44E-03	-3.49E+00
6.94E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.49E+00
6.94E+01	-9.30E+01	1.74E+02	-2.08E-02	-3.49E+00
6.94E+01	-9.30E+01	1.74E+02	-2.08E-02	-3.49E+00
6.94E+01	-9.30E+01	1.74E+02	-2.81E-02	-3.48E+00
6.94E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.48E+00
6.95E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.49E+00
6.95E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.50E+00
6.95E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.48E+00
6.95E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.48E+00
6.95E+01	-9.30E+01	1.74E+02	-1.22E-02	-3.49E+00
6.96E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.50E+00
6.96E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.48E+00
6.96E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.48E+00
6.96E+01	-9.30E+01	1.74E+02	-5.62E-02	-3.49E+00
6.96E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.49E+00
6.97E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.48E+00
6.97E+01	-9.30E+01	1.73E+02	0.00E+00	-3.48E+00
6.97E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.49E+00
6.97E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.48E+00
6.97E+01	-9.30E+01	1.73E+02	-1.71E-02	-3.49E+00
6.98E+01	-9.30E+01	1.74E+02	-1.59E-02	-3.47E+00
6.98E+01	-9.30E+01	1.74E+02	-8.54E-03	-3.46E+00
6.98E+01	-9.30E+01	1.74E+02	1.95E-02	-3.47E+00
6.98E+01	-9.30E+01	1.74E+02	1.10E-02	-3.47E+00
6.98E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.46E+00
6.99E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.45E+00
6.99E+01	-9.30E+01	1.74E+02	0.00E+00	-3.45E+00
6.99E+01	-9.30E+01	1.74E+02	0.00E+00	-3.46E+00
6.99E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.44E+00
6.99E+01	-9.30E+01	1.74E+02	-3.66E-03	-3.44E+00
7.00E+01	-9.30E+01	1.74E+02	-6.10E-03	-3.44E+00
7.00E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.45E+00
7.00E+01	-9.30E+01	1.74E+02	4.88E-03	-3.44E+00
7.00E+01	-9.30E+01	1.74E+02	-1.22E-02	-3.44E+00
7.00E+01	-9.30E+01	1.74E+02	-3.66E-03	-3.43E+00
7.01E+01	-9.30E+01	1.74E+02	-1.34E-02	-3.44E+00
7.01E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.44E+00
7.01E+01	-9.30E+01	1.74E+02	-3.66E-03	-3.44E+00
7.01E+01	-9.30E+01	1.74E+02	1.83E-02	-3.42E+00
7.01E+01	-9.30E+01	1.74E+02	2.44E-03	-3.43E+00
7.02E+01	-9.30E+01	1.74E+02	-1.59E-02	-3.42E+00

7.02E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.43E+00
7.02E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.42E+00
7.02E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.42E+00
7.02E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.41E+00
7.03E+01	-9.30E+01	1.74E+02	1.22E-03	-3.41E+00
7.03E+01	-9.30E+01	1.74E+02	-1.71E-02	-3.42E+00
7.03E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.41E+00
7.03E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.42E+00
7.03E+01	-9.30E+01	1.74E+02	-1.71E-02	-3.42E+00
7.04E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.41E+00
7.04E+01	-9.30E+01	1.74E+02	-1.22E-02	-3.41E+00
7.04E+01	-9.30E+01	1.74E+02	1.22E-03	-3.40E+00
7.04E+01	-9.30E+01	1.74E+02	-1.71E-02	-3.41E+00
7.04E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.40E+00
7.05E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.40E+00
7.05E+01	-9.30E+01	1.74E+02	2.44E-03	-3.41E+00
7.05E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.40E+00
7.05E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.40E+00
7.05E+01	-9.30E+01	1.74E+02	1.95E-02	-3.39E+00
7.06E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.40E+00
7.06E+01	-9.30E+01	1.74E+02	7.32E-03	-3.39E+00
7.06E+01	-9.30E+01	1.74E+02	2.81E-02	-3.40E+00
7.06E+01	-9.30E+01	1.74E+02	-1.34E-02	-3.39E+00
7.06E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.39E+00
7.07E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.38E+00
7.07E+01	-9.30E+01	1.74E+02	1.22E-03	-3.38E+00
7.07E+01	-9.30E+01	1.74E+02	-9.77E-03	-3.38E+00
7.07E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.38E+00
7.07E+01	-9.30E+01	1.73E+02	-2.44E-03	-3.38E+00
7.08E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.37E+00
7.08E+01	-9.30E+01	1.74E+02	-1.83E-02	-3.37E+00
7.08E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.38E+00
7.08E+01	-9.30E+01	1.74E+02	-4.15E-02	-3.37E+00
7.08E+01	-9.30E+01	1.73E+02	-2.69E-02	-3.37E+00
7.09E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.39E+00
7.09E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.38E+00
7.09E+01	-9.30E+01	1.74E+02	-3.30E-02	-3.37E+00
7.09E+01	-9.30E+01	1.73E+02	-3.05E-02	-3.37E+00
7.09E+01	-9.30E+01	1.73E+02	-2.44E-02	-3.38E+00
7.10E+01	-9.30E+01	1.74E+02	-4.88E-02	-3.38E+00
7.10E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.37E+00
7.10E+01	-9.30E+01	1.74E+02	-4.52E-02	-3.37E+00
7.10E+01	-9.30E+01	1.73E+02	9.77E-03	-3.37E+00
7.10E+01	-9.30E+01	1.74E+02	-1.22E-02	-3.37E+00
7.11E+01	-9.30E+01	1.73E+02	-1.46E-02	-3.37E+00
7.11E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.36E+00
7.11E+01	-9.30E+01	1.73E+02	-1.46E-02	-3.36E+00

7.11E+01	-9.30E+01	1.73E+02	0.00E+00	-3.36E+00
7.11E+01	-9.30E+01	1.73E+02	4.88E-03	-3.36E+00
7.12E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.35E+00
7.12E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.35E+00
7.12E+01	-9.30E+01	1.74E+02	1.71E-02	-3.36E+00
7.12E+01	-9.30E+01	1.74E+02	2.44E-03	-3.34E+00
7.12E+01	-9.30E+01	1.74E+02	-1.59E-02	-3.34E+00
7.13E+01	-9.30E+01	1.73E+02	-1.10E-02	-3.33E+00
7.13E+01	-9.30E+01	1.74E+02	3.66E-03	-3.33E+00
7.13E+01	-9.30E+01	1.74E+02	0.00E+00	-3.33E+00
7.13E+01	-9.30E+01	1.74E+02	-3.66E-03	-3.34E+00
7.13E+01	-9.30E+01	1.74E+02	1.46E-02	-3.32E+00
7.14E+01	-9.30E+01	1.74E+02	-9.77E-03	-3.32E+00
7.14E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.32E+00
7.14E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.33E+00
7.14E+01	-9.30E+01	1.74E+02	-2.56E-02	-3.33E+00
7.14E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.32E+00
7.15E+01	-9.30E+01	1.74E+02	-2.08E-02	-3.32E+00
7.15E+01	-9.30E+01	1.74E+02	-4.88E-02	-3.32E+00
7.15E+01	-9.30E+01	1.74E+02	-3.30E-02	-3.32E+00
7.15E+01	-9.30E+01	1.74E+02	-4.15E-02	-3.32E+00
7.15E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.32E+00
7.16E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.31E+00
7.16E+01	-9.30E+01	1.73E+02	-2.93E-02	-3.32E+00
7.16E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.31E+00
7.16E+01	-9.30E+01	1.74E+02	-5.86E-02	-3.30E+00
7.16E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.31E+00
7.17E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.31E+00
7.17E+01	-9.30E+01	1.74E+02	-1.59E-02	-3.31E+00
7.17E+01	-9.30E+01	1.73E+02	-4.15E-02	-3.31E+00
7.17E+01	-9.30E+01	1.73E+02	-4.15E-02	-3.30E+00
7.17E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.30E+00
7.18E+01	-9.30E+01	1.74E+02	6.10E-03	-3.30E+00
7.18E+01	-9.30E+01	1.73E+02	-2.93E-02	-3.29E+00
7.18E+01	-9.30E+01	1.73E+02	-3.42E-02	-3.30E+00
7.18E+01	-9.30E+01	1.73E+02	-3.66E-02	-3.29E+00
7.18E+01	-9.30E+01	1.74E+02	-1.59E-02	-3.29E+00
7.19E+01	-9.30E+01	1.73E+02	-2.93E-02	-3.29E+00
7.19E+01	-9.30E+01	1.73E+02	-2.93E-02	-3.30E+00
7.19E+01	-9.30E+01	1.73E+02	-2.69E-02	-3.29E+00
7.19E+01	-9.30E+01	1.73E+02	-3.66E-02	-3.29E+00
7.19E+01	-9.30E+01	1.74E+02	-3.78E-02	-3.28E+00
7.20E+01	-9.30E+01	1.74E+02	-4.64E-02	-3.28E+00
7.20E+01	-9.30E+01	1.73E+02	-2.69E-02	-3.28E+00
7.20E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.27E+00
7.20E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.28E+00
7.20E+01	-9.30E+01	1.74E+02	-5.86E-02	-3.27E+00

7.21E+01	-9.30E+01	1.73E+02	-2.56E-02	-3.27E+00
7.21E+01	-9.30E+01	1.73E+02	-1.22E-02	-3.27E+00
7.21E+01	-9.30E+01	1.74E+02	-2.56E-02	-3.27E+00
7.21E+01	-9.30E+01	1.74E+02	-5.62E-02	-3.27E+00
7.21E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.26E+00
7.22E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.27E+00
7.22E+01	-9.30E+01	1.74E+02	-3.05E-02	-3.26E+00
7.22E+01	-9.30E+01	1.74E+02	-3.05E-02	-3.26E+00
7.22E+01	-9.30E+01	1.73E+02	-5.00E-02	-3.26E+00
7.22E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.25E+00
7.23E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.26E+00
7.23E+01	-9.30E+01	1.73E+02	-2.08E-02	-3.26E+00
7.23E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.25E+00
7.23E+01	-9.30E+01	1.73E+02	-1.71E-02	-3.25E+00
7.23E+01	-9.30E+01	1.74E+02	-3.54E-02	-3.25E+00
7.24E+01	-9.30E+01	1.73E+02	-3.42E-02	-3.26E+00
7.24E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.25E+00
7.24E+01	-9.30E+01	1.74E+02	-3.91E-02	-3.25E+00
7.24E+01	-9.30E+01	1.73E+02	-4.15E-02	-3.25E+00
7.24E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.23E+00
7.25E+01	-9.30E+01	1.74E+02	-4.64E-02	-3.25E+00
7.25E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.25E+00
7.25E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.24E+00
7.25E+01	-9.30E+01	1.74E+02	-3.78E-02	-3.24E+00
7.25E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.23E+00
7.26E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.23E+00
7.26E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.23E+00
7.26E+01	-9.30E+01	1.74E+02	-1.71E-02	-3.23E+00
7.26E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.22E+00
7.26E+01	-9.30E+01	1.74E+02	-5.62E-02	-3.22E+00
7.27E+01	-9.30E+01	1.74E+02	-1.83E-02	-3.22E+00
7.27E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.22E+00
7.27E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.22E+00
7.27E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.21E+00
7.27E+01	-9.30E+01	1.74E+02	-2.56E-02	-3.21E+00
7.28E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.21E+00
7.28E+01	-9.30E+01	1.74E+02	-3.05E-02	-3.21E+00
7.28E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.22E+00
7.28E+01	-9.30E+01	1.74E+02	-3.78E-02	-3.20E+00
7.28E+01	-9.30E+01	1.74E+02	-3.05E-02	-3.20E+00
7.29E+01	-9.30E+01	1.74E+02	-1.71E-02	-3.20E+00
7.29E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.20E+00
7.29E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.20E+00
7.29E+01	-9.30E+01	1.74E+02	-5.00E-02	-3.20E+00
7.29E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.20E+00
7.30E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.19E+00
7.30E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.19E+00

7.30E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.19E+00
7.30E+01	-9.30E+01	1.74E+02	-3.91E-02	-3.19E+00
7.30E+01	-9.30E+01	1.74E+02	-1.71E-02	-3.18E+00
7.31E+01	-9.30E+01	1.73E+02	-2.69E-02	-3.19E+00
7.31E+01	-9.30E+01	1.74E+02	-2.32E-02	-3.19E+00
7.31E+01	-9.30E+01	1.74E+02	-4.76E-02	-3.20E+00
7.31E+01	-9.30E+01	1.74E+02	-3.42E-02	-3.18E+00
7.31E+01	-9.30E+01	1.73E+02	-2.56E-02	-3.18E+00
7.32E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.18E+00
7.32E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.18E+00
7.32E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.18E+00
7.32E+01	-9.30E+01	1.74E+02	-3.66E-02	-3.17E+00
7.32E+01	-9.30E+01	1.74E+02	-3.54E-02	-3.18E+00
7.33E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.17E+00
7.33E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.17E+00
7.33E+01	-9.30E+01	1.74E+02	3.66E-03	-3.17E+00
7.33E+01	-9.30E+01	1.73E+02	-2.69E-02	-3.17E+00
7.33E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.16E+00
7.34E+01	-9.30E+01	1.74E+02	-1.22E-02	-3.16E+00
7.34E+01	-9.30E+01	1.74E+02	-1.34E-02	-3.15E+00
7.34E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.17E+00
7.34E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.16E+00
7.34E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.15E+00
7.35E+01	-9.30E+01	1.74E+02	-1.59E-02	-3.14E+00
7.35E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.15E+00
7.35E+01	-9.30E+01	1.74E+02	-8.54E-03	-3.14E+00
7.35E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.15E+00
7.35E+01	-9.30E+01	1.74E+02	-1.59E-02	-3.14E+00
7.36E+01	-9.30E+01	1.74E+02	-9.77E-03	-3.14E+00
7.36E+01	-9.30E+01	1.74E+02	-1.71E-02	-3.14E+00
7.36E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.14E+00
7.36E+01	-9.30E+01	1.74E+02	-4.39E-02	-3.14E+00
7.36E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.15E+00
7.37E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.14E+00
7.37E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.14E+00
7.37E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.13E+00
7.37E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.12E+00
7.37E+01	-9.30E+01	1.74E+02	1.22E-03	-3.13E+00
7.38E+01	-9.30E+01	1.74E+02	-1.10E-02	-3.12E+00
7.38E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.13E+00
7.38E+01	-9.30E+01	1.74E+02	-1.22E-02	-3.13E+00
7.38E+01	-9.30E+01	1.73E+02	-2.32E-02	-3.12E+00
7.38E+01	-9.30E+01	1.74E+02	2.44E-03	-3.12E+00
7.39E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.10E+00
7.39E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.11E+00
7.39E+01	-9.30E+01	1.74E+02	2.44E-03	-3.11E+00
7.39E+01	-9.30E+01	1.74E+02	2.44E-02	-3.12E+00

7.39E+01	-9.30E+01	1.74E+02	-4.88E-03	-3.12E+00
7.40E+01	-9.30E+01	1.74E+02	-1.10E-02	-3.12E+00
7.40E+01	-9.30E+01	1.74E+02	-4.88E-03	-3.11E+00
7.40E+01	-9.30E+01	1.74E+02	1.22E-03	-3.10E+00
7.40E+01	-9.30E+01	1.74E+02	1.95E-02	-3.10E+00
7.40E+01	-9.30E+01	1.74E+02	-1.59E-02	-3.10E+00
7.41E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.10E+00
7.41E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.10E+00
7.41E+01	-9.30E+01	1.74E+02	2.44E-03	-3.10E+00
7.41E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.10E+00
7.41E+01	-9.30E+01	1.74E+02	-1.22E-02	-3.10E+00
7.42E+01	-9.30E+01	1.74E+02	-9.77E-03	-3.09E+00
7.42E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.08E+00
7.42E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.09E+00
7.42E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.08E+00
7.42E+01	-9.30E+01	1.74E+02	9.77E-03	-3.08E+00
7.43E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.08E+00
7.43E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.09E+00
7.43E+01	-9.30E+01	1.74E+02	-1.46E-02	-3.08E+00
7.43E+01	-9.30E+01	1.74E+02	-3.30E-02	-3.08E+00
7.43E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.09E+00
7.44E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.09E+00
7.44E+01	-9.30E+01	1.74E+02	-2.44E-02	-3.08E+00
7.44E+01	-9.30E+01	1.73E+02	-4.15E-02	-3.08E+00
7.44E+01	-9.30E+01	1.74E+02	-4.03E-02	-3.09E+00
7.44E+01	-9.30E+01	1.74E+02	-2.69E-02	-3.08E+00
7.45E+01	-9.30E+01	1.73E+02	-2.20E-02	-3.08E+00
7.45E+01	-9.30E+01	1.73E+02	-3.66E-02	-3.08E+00
7.45E+01	-9.30E+01	1.74E+02	-3.17E-02	-3.07E+00
7.45E+01	-9.30E+01	1.74E+02	-1.95E-02	-3.07E+00
7.45E+01	-9.30E+01	1.74E+02	-2.93E-02	-3.07E+00
7.46E+01	-9.30E+01	1.73E+02	-6.35E-02	-3.08E+00
7.46E+01	-9.30E+01	1.73E+02	-2.93E-02	-3.07E+00
7.46E+01	-9.30E+01	1.74E+02	-2.81E-02	-3.07E+00
7.46E+01	-9.30E+01	1.73E+02	-1.22E-02	-3.07E+00
7.46E+01	-9.30E+01	1.74E+02	-9.77E-03	-3.07E+00
7.47E+01	-9.30E+01	1.73E+02	-1.83E-02	-3.07E+00
7.47E+01	-9.30E+01	1.74E+02	-2.20E-02	-3.06E+00
7.47E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.06E+00
7.47E+01	-9.30E+01	1.73E+02	-1.46E-02	-3.06E+00
7.47E+01	-9.30E+01	1.73E+02	0.00E+00	-3.05E+00
7.48E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.05E+00
7.48E+01	-9.30E+01	1.73E+02	-9.77E-03	-3.06E+00
7.48E+01	-9.30E+01	1.73E+02	-2.69E-02	-3.04E+00
7.48E+01	-9.30E+01	1.73E+02	6.10E-03	-3.04E+00
7.48E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.05E+00
7.49E+01	-9.30E+01	1.73E+02	0.00E+00	-3.04E+00

7.49E+01	-9.30E+01	1.73E+02	-3.66E-02	-3.04E+00
7.49E+01	-9.30E+01	1.73E+02	0.00E+00	-3.04E+00
7.49E+01	-9.30E+01	1.74E+02	-2.44E-03	-3.04E+00
7.49E+01	-9.30E+01	1.74E+02	-4.88E-03	-3.04E+00
7.50E+01	-9.30E+01	1.73E+02	-7.32E-03	-3.03E+00
7.50E+01	-9.30E+01	1.73E+02	-1.71E-02	-3.03E+00
7.50E+01	-9.30E+01	1.74E+02	2.44E-03	-3.03E+00
7.50E+01	-9.30E+01	1.74E+02	2.44E-03	-3.03E+00
7.50E+01	-9.30E+01	1.73E+02	2.44E-03	-3.03E+00
7.51E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.03E+00
7.51E+01	-9.30E+01	1.74E+02	-8.54E-03	-3.01E+00
7.51E+01	-9.30E+01	1.74E+02	-7.32E-03	-3.02E+00
7.51E+01	-9.30E+01	1.74E+02	-1.83E-02	-3.01E+00
7.51E+01	-9.30E+01	1.73E+02	-2.93E-02	-3.01E+00
7.52E+01	-9.30E+01	1.73E+02	-2.08E-02	-3.00E+00
7.52E+01	-9.30E+01	1.73E+02	-1.46E-02	-3.01E+00
7.52E+01	-9.30E+01	1.73E+02	-2.08E-02	-3.00E+00
7.52E+01	-9.30E+01	1.73E+02	-3.91E-02	-3.01E+00
7.52E+01	-9.30E+01	1.73E+02	-3.42E-02	-3.01E+00
7.53E+01	-9.30E+01	1.73E+02	-1.95E-02	-3.00E+00
7.53E+01	-9.30E+01	1.73E+02	-2.20E-02	-3.01E+00
7.53E+01	-9.30E+01	1.73E+02	-2.93E-02	-3.00E+00
7.53E+01	-9.30E+01	1.73E+02	-2.69E-02	-2.99E+00
7.53E+01	-9.30E+01	1.73E+02	2.44E-03	-2.99E+00
7.54E+01	-9.30E+01	1.74E+02	-2.20E-02	-2.99E+00
7.54E+01	-9.30E+01	1.73E+02	-1.71E-02	-2.98E+00
7.54E+01	-9.30E+01	1.73E+02	-1.10E-02	-2.99E+00
7.54E+01	-9.30E+01	1.73E+02	-2.44E-02	-2.99E+00
7.54E+01	-9.30E+01	1.73E+02	-3.30E-02	-2.99E+00
7.55E+01	-9.30E+01	1.73E+02	-2.44E-02	-2.98E+00
7.55E+01	-9.30E+01	1.73E+02	-1.46E-02	-2.98E+00
7.55E+01	-9.30E+01	1.73E+02	-8.54E-03	-2.99E+00
7.55E+01	-9.30E+01	1.73E+02	-1.46E-02	-2.99E+00
7.55E+01	-9.30E+01	1.73E+02	-2.20E-02	-2.98E+00
7.56E+01	-9.30E+01	1.73E+02	-1.71E-02	-2.97E+00
7.56E+01	-9.30E+01	1.73E+02	-2.20E-02	-2.97E+00
7.56E+01	-9.30E+01	1.73E+02	0.00E+00	-2.98E+00
7.56E+01	-9.30E+01	1.73E+02	-2.32E-02	-2.97E+00
7.56E+01	-9.30E+01	1.73E+02	-2.08E-02	-2.97E+00
7.57E+01	-9.30E+01	1.73E+02	3.66E-03	-2.96E+00
7.57E+01	-9.30E+01	1.73E+02	-2.44E-03	-2.96E+00
7.57E+01	-9.30E+01	1.73E+02	0.00E+00	-2.96E+00
7.57E+01	-9.30E+01	1.73E+02	-1.59E-02	-2.97E+00
7.57E+01	-9.30E+01	1.73E+02	-3.66E-03	-2.97E+00
7.58E+01	-9.30E+01	1.73E+02	-1.71E-02	-2.96E+00
7.58E+01	-9.30E+01	1.73E+02	-9.77E-03	-2.95E+00
7.58E+01	-9.30E+01	1.73E+02	-1.46E-02	-2.95E+00

7.58E+01	-9.30E+01	1.73E+02	1.22E-03	-2.95E+00
7.58E+01	-9.30E+01	1.73E+02	0.00E+00	-2.95E+00
7.59E+01	-9.30E+01	1.73E+02	-1.10E-02	-2.95E+00
7.59E+01	-9.30E+01	1.73E+02	-4.88E-03	-2.94E+00
7.59E+01	-9.30E+01	1.73E+02	2.69E-02	-2.95E+00
7.59E+01	-9.30E+01	1.73E+02	4.88E-03	-2.95E+00
7.59E+01	-9.30E+01	1.73E+02	0.00E+00	-2.95E+00
7.60E+01	-9.30E+01	1.73E+02	-9.77E-03	-2.95E+00
7.60E+01	-9.30E+01	1.73E+02	7.32E-03	-2.94E+00
7.60E+01	-9.30E+01	1.73E+02	-2.44E-03	-2.94E+00
7.60E+01	-9.30E+01	1.73E+02	1.22E-02	-2.94E+00
7.60E+01	-9.30E+01	1.72E+02	4.88E-03	-2.94E+00
7.61E+01	-9.30E+01	1.73E+02	-8.54E-03	-2.94E+00
7.61E+01	-9.30E+01	1.73E+02	-1.22E-03	-2.93E+00
7.61E+01	-9.30E+01	1.73E+02	2.44E-03	-2.94E+00
7.61E+01	-9.30E+01	1.73E+02	7.32E-03	-2.93E+00
7.61E+01	-9.30E+01	1.73E+02	6.10E-03	-2.93E+00
7.62E+01	-9.30E+01	1.73E+02	-1.22E-02	-2.94E+00
7.62E+01	-9.30E+01	1.73E+02	-4.88E-03	-2.93E+00
7.62E+01	-9.30E+01	1.73E+02	0.00E+00	-2.92E+00
7.62E+01	-9.30E+01	1.73E+02	-1.22E-02	-2.92E+00
7.62E+01	-9.30E+01	1.73E+02	7.32E-03	-2.92E+00
7.63E+01	-9.30E+01	1.73E+02	-4.88E-03	-2.92E+00
7.63E+01	-9.30E+01	1.73E+02	-4.88E-03	-2.92E+00
7.63E+01	-9.30E+01	1.73E+02	-3.17E-02	-2.92E+00
7.63E+01	-9.30E+01	1.73E+02	-4.88E-03	-2.91E+00
7.63E+01	-9.30E+01	1.73E+02	-1.22E-03	-2.92E+00
7.64E+01	-9.30E+01	1.73E+02	-2.81E-02	-2.91E+00
7.64E+01	-9.30E+01	1.73E+02	-2.44E-03	-2.90E+00
7.64E+01	-9.30E+01	1.73E+02	-2.44E-03	-2.91E+00
7.64E+01	-9.30E+01	1.73E+02	2.44E-03	-2.91E+00
7.64E+01	-9.30E+01	1.73E+02	-1.34E-02	-2.90E+00
7.65E+01	-9.30E+01	1.72E+02	-1.46E-02	-2.91E+00
7.65E+01	-9.30E+01	1.73E+02	-1.46E-02	-2.89E+00
7.65E+01	-9.30E+01	1.73E+02	4.88E-03	-2.90E+00
7.65E+01	-9.30E+01	1.73E+02	4.88E-03	-2.89E+00
7.65E+01	-9.30E+01	1.73E+02	1.95E-02	-2.89E+00
7.66E+01	-9.30E+01	1.73E+02	-9.77E-03	-2.88E+00
7.66E+01	-9.30E+01	1.73E+02	-2.44E-03	-2.89E+00
7.66E+01	-9.30E+01	1.73E+02	-7.32E-03	-2.89E+00
7.66E+01	-9.30E+01	1.73E+02	-1.59E-02	-2.89E+00
7.66E+01	-9.30E+01	1.73E+02	-2.44E-02	-2.88E+00
7.67E+01	-9.30E+01	1.73E+02	-2.44E-02	-2.88E+00
7.67E+01	-9.30E+01	1.73E+02	1.22E-02	-2.87E+00
7.67E+01	-9.30E+01	1.73E+02	-4.88E-03	-2.89E+00
7.67E+01	-9.30E+01	1.73E+02	0.00E+00	-2.88E+00
7.67E+01	-9.30E+01	1.73E+02	-1.22E-02	-2.87E+00

7.68E+01	-9.30E+01	1.73E+02	-7.32E-03	-2.88E+00
7.68E+01	-9.30E+01	1.73E+02	2.44E-03	-2.88E+00
7.68E+01	-9.30E+01	1.72E+02	-1.10E-02	-2.89E+00
7.68E+01	-9.30E+01	1.73E+02	9.77E-03	-2.88E+00
7.68E+01	-9.30E+01	1.72E+02	3.66E-03	-2.88E+00
7.69E+01	-9.30E+01	1.73E+02	-1.46E-02	-2.88E+00
7.69E+01	-9.30E+01	1.72E+02	-1.46E-02	-2.87E+00
7.69E+01	-9.30E+01	1.73E+02	-2.69E-02	-2.88E+00
7.69E+01	-9.30E+01	1.73E+02	-1.71E-02	-2.87E+00
7.69E+01	-9.30E+01	1.73E+02	-5.13E-02	-2.88E+00
7.70E+01	-9.30E+01	1.72E+02	-2.20E-02	-2.87E+00
7.70E+01	-9.30E+01	1.72E+02	-1.46E-02	-2.87E+00
7.70E+01	-9.30E+01	1.73E+02	-1.95E-02	-2.87E+00
7.70E+01	-9.30E+01	1.73E+02	-3.17E-02	-2.87E+00
7.70E+01	-9.30E+01	1.73E+02	-2.93E-02	-2.86E+00
7.71E+01	-9.30E+01	1.72E+02	-2.44E-02	-2.87E+00
7.71E+01	-9.30E+01	1.72E+02	-2.08E-02	-2.86E+00
7.71E+01	-9.30E+01	1.73E+02	-5.00E-02	-2.85E+00
7.71E+01	-9.30E+01	1.73E+02	-4.76E-02	-2.85E+00
7.71E+01	-9.30E+01	1.73E+02	-3.17E-02	-2.85E+00
7.72E+01	-9.30E+01	1.72E+02	-2.20E-02	-2.85E+00
7.72E+01	-9.30E+01	1.73E+02	-3.66E-02	-2.85E+00
7.72E+01	-9.30E+01	1.73E+02	-3.05E-02	-2.85E+00
7.72E+01	-9.30E+01	1.73E+02	-3.42E-02	-2.84E+00
7.72E+01	-9.30E+01	1.72E+02	-3.42E-02	-2.83E+00
7.73E+01	-9.30E+01	1.73E+02	-2.20E-02	-2.83E+00
7.73E+01	-9.30E+01	1.73E+02	-3.17E-02	-2.84E+00
7.73E+01	-9.30E+01	1.72E+02	-4.03E-02	-2.83E+00
7.73E+01	-9.30E+01	1.73E+02	-3.42E-02	-2.83E+00
7.73E+01	-9.30E+01	1.73E+02	-3.17E-02	-2.82E+00
7.74E+01	-9.30E+01	1.73E+02	1.59E-02	-2.82E+00
7.74E+01	-9.30E+01	1.73E+02	-1.83E-02	-2.81E+00
7.74E+01	-9.30E+01	1.73E+02	-1.46E-02	-2.82E+00
7.74E+01	-9.30E+01	1.73E+02	-1.95E-02	-2.82E+00
7.74E+01	-9.30E+01	1.73E+02	-3.17E-02	-2.82E+00
7.75E+01	-9.30E+01	1.73E+02	-1.34E-02	-2.81E+00
7.75E+01	-9.30E+01	1.72E+02	-1.10E-02	-2.81E+00
7.75E+01	-9.30E+01	1.73E+02	7.32E-03	-2.82E+00
7.75E+01	-9.30E+01	1.73E+02	-1.34E-02	-2.81E+00
7.75E+01	-9.30E+01	1.73E+02	-6.10E-03	-2.81E+00
7.76E+01	-9.30E+01	1.72E+02	-4.88E-03	-2.80E+00
7.76E+01	-9.30E+01	1.72E+02	2.44E-03	-2.80E+00
7.76E+01	-9.30E+01	1.73E+02	-6.10E-03	-2.81E+00
7.76E+01	-9.30E+01	1.73E+02	0.00E+00	-2.80E+00
7.76E+01	-9.30E+01	1.72E+02	-1.10E-02	-2.80E+00
7.77E+01	-9.30E+01	1.72E+02	-9.77E-03	-2.79E+00
7.77E+01	-9.30E+01	1.73E+02	-2.44E-03	-2.80E+00

7.77E+01	-9.30E+01	1.72E+02	-4.88E-03	-2.80E+00
7.77E+01	-9.30E+01	1.72E+02	-8.54E-03	-2.81E+00
7.77E+01	-9.30E+01	1.72E+02	-9.77E-03	-2.80E+00
7.78E+01	-9.30E+01	1.72E+02	1.22E-02	-2.81E+00
7.78E+01	-9.30E+01	1.72E+02	-9.77E-03	-2.80E+00
7.78E+01	-9.30E+01	1.72E+02	-4.88E-03	-2.80E+00
7.78E+01	-9.30E+01	1.72E+02	1.46E-02	-2.79E+00
7.78E+01	-9.30E+01	1.72E+02	-7.32E-03	-2.79E+00
7.79E+01	-9.30E+01	1.72E+02	-9.77E-03	-2.79E+00
7.79E+01	-9.30E+01	1.72E+02	-1.71E-02	-2.79E+00
7.79E+01	-9.30E+01	1.72E+02	-2.93E-02	-2.79E+00
7.79E+01	-9.30E+01	1.72E+02	-2.44E-03	-2.78E+00
7.79E+01	-9.30E+01	1.72E+02	-2.44E-03	-2.79E+00
7.80E+01	-9.30E+01	1.72E+02	-1.10E-02	-2.79E+00
7.80E+01	-9.30E+01	1.72E+02	-1.95E-02	-2.78E+00
7.80E+01	-9.30E+01	1.72E+02	-1.46E-02	-2.78E+00
7.80E+01	-9.30E+01	1.72E+02	-1.22E-02	-2.77E+00
7.80E+01	-9.30E+01	1.72E+02	-4.88E-03	-2.78E+00
7.81E+01	-9.30E+01	1.72E+02	-2.69E-02	-2.78E+00
7.81E+01	-9.30E+01	1.72E+02	-3.66E-02	-2.78E+00
7.81E+01	-9.30E+01	1.72E+02	-2.93E-02	-2.77E+00
7.81E+01	-9.30E+01	1.72E+02	-4.27E-02	-2.78E+00
7.81E+01	-9.30E+01	1.72E+02	-2.56E-02	-2.77E+00
7.82E+01	-9.30E+01	1.72E+02	-2.56E-02	-2.78E+00
7.82E+01	-9.30E+01	1.72E+02	-6.47E-02	-2.78E+00
7.82E+01	-9.30E+01	1.72E+02	-3.91E-02	-2.76E+00
7.82E+01	-9.30E+01	1.72E+02	-3.17E-02	-2.75E+00
7.82E+01	-9.30E+01	1.72E+02	-6.10E-03	-2.75E+00
7.83E+01	-9.30E+01	1.72E+02	-2.20E-02	-2.76E+00
7.83E+01	-9.30E+01	1.72E+02	-2.93E-02	-2.75E+00
7.83E+01	-9.30E+01	1.72E+02	-4.03E-02	-2.75E+00
7.83E+01	-9.30E+01	1.72E+02	-4.64E-02	-2.74E+00
7.83E+01	-9.30E+01	1.72E+02	-1.95E-02	-2.73E+00
7.84E+01	-9.30E+01	1.72E+02	-1.83E-02	-2.73E+00
7.84E+01	-9.30E+01	1.72E+02	-1.22E-02	-2.74E+00
7.84E+01	-9.30E+01	1.72E+02	-7.32E-03	-2.73E+00
7.84E+01	-9.30E+01	1.72E+02	-2.20E-02	-2.73E+00
7.84E+01	-9.30E+01	1.72E+02	-1.95E-02	-2.73E+00
7.85E+01	-9.30E+01	1.72E+02	7.32E-03	-2.72E+00
7.85E+01	-9.30E+01	1.72E+02	0.00E+00	-2.73E+00
7.85E+01	-9.30E+01	1.72E+02	3.66E-03	-2.73E+00
7.85E+01	-9.30E+01	1.72E+02	-3.66E-03	-2.73E+00
7.85E+01	-9.30E+01	1.72E+02	-2.44E-03	-2.72E+00
7.86E+01	-9.30E+01	1.72E+02	-1.22E-02	-2.72E+00
7.86E+01	-9.30E+01	1.72E+02	-2.44E-03	-2.73E+00
7.86E+01	-9.30E+01	1.72E+02	-9.77E-03	-2.72E+00
7.86E+01	-9.30E+01	1.72E+02	-2.69E-02	-2.71E+00

7.86E+01	-9.30E+01	1.72E+02	1.46E-02	-2.71E+00
7.87E+01	-9.30E+01	1.72E+02	-1.71E-02	-2.70E+00
7.87E+01	-9.30E+01	1.72E+02	-1.71E-02	-2.72E+00
7.87E+01	-9.30E+01	1.72E+02	-3.05E-02	-2.71E+00
7.87E+01	-9.30E+01	1.72E+02	-5.62E-02	-2.70E+00
7.87E+01	-9.30E+01	1.72E+02	-1.22E-02	-2.71E+00
7.88E+01	-9.30E+01	1.72E+02	-1.34E-02	-2.70E+00
7.88E+01	-9.30E+01	1.72E+02	4.88E-03	-2.70E+00
7.88E+01	-9.30E+01	1.72E+02	-2.44E-03	-2.71E+00
7.88E+01	-9.30E+01	1.72E+02	4.88E-03	-2.70E+00
7.88E+01	-9.30E+01	1.72E+02	-9.77E-03	-2.70E+00
7.89E+01	-9.30E+01	1.72E+02	-4.88E-03	-2.69E+00
7.89E+01	-9.30E+01	1.72E+02	-7.32E-03	-2.70E+00
7.89E+01	-9.30E+01	1.71E+02	4.88E-03	-2.71E+00
7.89E+01	-9.30E+01	1.71E+02	4.88E-03	-2.70E+00
7.89E+01	-9.30E+01	1.72E+02	-9.77E-03	-2.69E+00
7.90E+01	-9.30E+01	1.72E+02	-7.32E-03	-2.69E+00
7.90E+01	-9.30E+01	1.72E+02	-8.54E-03	-2.69E+00
7.90E+01	-9.30E+01	1.72E+02	4.88E-03	-2.70E+00
7.90E+01	-9.30E+01	1.72E+02	-1.22E-02	-2.69E+00
7.90E+01	-9.30E+01	1.72E+02	-4.88E-02	-2.70E+00
7.91E+01	-9.30E+01	1.72E+02	-1.95E-02	-2.70E+00
7.91E+01	-9.30E+01	1.71E+02	-1.95E-02	-2.68E+00
7.91E+01	-9.30E+01	1.71E+02	-3.17E-02	-2.69E+00
7.91E+01	-9.30E+01	1.72E+02	-3.05E-02	-2.69E+00
7.91E+01	-9.30E+01	1.72E+02	-5.49E-02	-2.70E+00
7.92E+01	-9.30E+01	1.71E+02	-2.56E-02	-2.69E+00
7.92E+01	-9.30E+01	1.72E+02	-3.17E-02	-2.68E+00
7.92E+01	-9.30E+01	1.72E+02	-4.15E-02	-2.68E+00
7.92E+01	-9.30E+01	1.72E+02	-2.44E-02	-2.69E+00
7.92E+01	-9.30E+01	1.71E+02	-2.20E-02	-2.68E+00
7.93E+01	-9.30E+01	1.71E+02	-1.71E-02	-2.68E+00
7.93E+01	-9.30E+01	1.71E+02	-7.32E-03	-2.67E+00
7.93E+01	-9.30E+01	1.72E+02	-9.77E-03	-2.68E+00
7.93E+01	-9.30E+01	1.72E+02	-2.20E-02	-2.67E+00
7.93E+01	-9.30E+01	1.71E+02	-1.71E-02	-2.67E+00
7.94E+01	-9.30E+01	1.71E+02	-1.83E-02	-2.67E+00
7.94E+01	-9.30E+01	1.71E+02	-2.44E-02	-2.67E+00
7.94E+01	-9.30E+01	1.72E+02	-3.42E-02	-2.66E+00
7.94E+01	-9.30E+01	1.72E+02	-2.44E-02	-2.66E+00
7.94E+01	-9.30E+01	1.71E+02	-2.32E-02	-2.66E+00
7.95E+01	-9.30E+01	1.71E+02	-4.15E-02	-2.67E+00
7.95E+01	-9.30E+01	1.72E+02	-2.56E-02	-2.66E+00
7.95E+01	-9.30E+01	1.72E+02	-3.78E-02	-2.64E+00
7.95E+01	-9.30E+01	1.72E+02	-3.66E-02	-2.64E+00
7.95E+01	-9.30E+01	1.72E+02	-1.95E-02	-2.63E+00
7.96E+01	-9.30E+01	1.72E+02	-1.46E-02	-2.64E+00

7.96E+01	-9.30E+01	1.72E+02	-1.95E-02	-2.64E+00
7.96E+01	-9.30E+01	1.72E+02	-4.15E-02	-2.64E+00
7.96E+01	-9.30E+01	1.72E+02	-2.32E-02	-2.64E+00
7.96E+01	-9.30E+01	1.72E+02	-1.46E-02	-2.63E+00
7.97E+01	-9.30E+01	1.72E+02	-1.22E-02	-2.63E+00
7.97E+01	-9.30E+01	1.71E+02	-4.88E-03	-2.63E+00
7.97E+01	-9.30E+01	1.71E+02	9.77E-03	-2.63E+00
7.97E+01	-9.30E+01	1.71E+02	0.00E+00	-2.64E+00
7.97E+01	-9.30E+01	1.72E+02	-1.10E-02	-2.63E+00
7.98E+01	-9.30E+01	1.71E+02	-9.77E-03	-2.63E+00
7.98E+01	-9.30E+01	1.72E+02	0.00E+00	-2.63E+00
7.98E+01	-9.30E+01	1.71E+02	2.44E-03	-2.64E+00
7.98E+01	-9.30E+01	1.71E+02	-1.46E-02	-2.63E+00
7.98E+01	-9.30E+01	1.71E+02	-1.71E-02	-2.64E+00
7.99E+01	-9.30E+01	1.71E+02	-5.37E-02	-2.62E+00
7.99E+01	-9.30E+01	1.72E+02	-3.05E-02	-2.62E+00
7.99E+01	-9.30E+01	1.72E+02	-3.17E-02	-2.61E+00
7.99E+01	-9.30E+01	1.71E+02	-1.95E-02	-2.62E+00
7.99E+01	-9.30E+01	1.71E+02	-2.69E-02	-2.62E+00
8.00E+01	-9.30E+01	1.71E+02	-9.77E-03	-2.62E+00
8.00E+01	-9.30E+01	1.71E+02	-3.66E-02	-2.62E+00
8.00E+01	-9.30E+01	1.72E+02	-4.52E-02	-2.61E+00
8.00E+01	-9.30E+01	1.72E+02	-2.56E-02	-2.60E+00
8.00E+01	-9.30E+01	1.72E+02	-2.20E-02	-2.58E+00
8.01E+01	-9.30E+01	1.71E+02	-2.44E-03	-2.60E+00
8.01E+01	-9.30E+01	1.71E+02	-1.46E-02	-2.60E+00
8.01E+01	-9.30E+01	1.71E+02	0.00E+00	-2.60E+00
8.01E+01	-9.30E+01	1.72E+02	-9.77E-03	-2.59E+00
8.01E+01	-9.30E+01	1.72E+02	-2.32E-02	-2.59E+00
8.02E+01	-9.30E+01	1.72E+02	-2.44E-03	-2.59E+00
8.02E+01	-9.30E+01	1.71E+02	-1.71E-02	-2.59E+00
8.02E+01	-9.30E+01	1.71E+02	-2.93E-02	-2.58E+00
8.02E+01	-9.30E+01	1.72E+02	-1.95E-02	-2.58E+00
8.02E+01	-9.30E+01	1.72E+02	-1.10E-02	-2.58E+00
8.03E+01	-9.30E+01	1.71E+02	-7.32E-03	-2.58E+00
8.03E+01	-9.30E+01	1.72E+02	2.69E-02	-2.58E+00
8.03E+01	-9.30E+01	1.71E+02	7.32E-03	-2.58E+00
8.03E+01	-9.30E+01	1.72E+02	2.44E-03	-2.58E+00
8.03E+01	-9.30E+01	1.72E+02	-3.66E-03	-2.58E+00
8.04E+01	-9.30E+01	1.71E+02	2.44E-03	-2.57E+00
8.04E+01	-9.30E+01	1.71E+02	0.00E+00	-2.58E+00
8.04E+01	-9.30E+01	1.72E+02	-2.44E-03	-2.58E+00
8.04E+01	-9.30E+01	1.71E+02	-8.54E-03	-2.58E+00
8.04E+01	-9.30E+01	1.72E+02	-9.77E-03	-2.58E+00
8.05E+01	-9.30E+01	1.71E+02	-4.88E-03	-2.57E+00
8.05E+01	-9.30E+01	1.71E+02	-2.93E-02	-2.57E+00
8.05E+01	-9.30E+01	1.71E+02	-2.08E-02	-2.58E+00

8.05E+01	-9.30E+01	1.72E+02	-2.20E-02	-2.58E+00
8.05E+01	-9.30E+01	1.71E+02	-2.44E-02	-2.57E+00
8.06E+01	-9.30E+01	1.71E+02	-1.95E-02	-2.56E+00
8.06E+01	-9.30E+01	1.71E+02	-3.91E-02	-2.56E+00
8.06E+01	-9.30E+01	1.71E+02	-3.42E-02	-2.55E+00
8.06E+01	-9.30E+01	1.72E+02	-2.08E-02	-2.55E+00
8.06E+01	-9.30E+01	1.72E+02	-2.44E-03	-2.55E+00
8.07E+01	-9.30E+01	1.71E+02	-2.69E-02	-2.55E+00
8.07E+01	-9.30E+01	1.71E+02	-4.39E-02	-2.55E+00
8.07E+01	-9.30E+01	1.71E+02	-2.44E-02	-2.55E+00
8.07E+01	-9.30E+01	1.71E+02	-2.44E-02	-2.55E+00
8.07E+01	-9.30E+01	1.71E+02	-1.95E-02	-2.55E+00
8.08E+01	-9.30E+01	1.71E+02	-4.15E-02	-2.55E+00
8.08E+01	-9.30E+01	1.71E+02	-4.03E-02	-2.54E+00
8.08E+01	-9.30E+01	1.71E+02	-3.17E-02	-2.53E+00
8.08E+01	-9.30E+01	1.71E+02	2.44E-03	-2.53E+00
8.08E+01	-9.30E+01	1.71E+02	-7.32E-03	-2.54E+00
8.09E+01	-9.30E+01	1.71E+02	-1.71E-02	-2.53E+00
8.09E+01	-9.30E+01	1.71E+02	-1.22E-03	-2.53E+00
8.09E+01	-9.30E+01	1.71E+02	-7.32E-03	-2.53E+00
8.09E+01	-9.30E+01	1.71E+02	-6.10E-03	-2.53E+00
8.09E+01	-9.30E+01	1.71E+02	-2.44E-03	-2.54E+00
8.10E+01	-9.30E+01	1.71E+02	-2.44E-03	-2.53E+00
8.10E+01	-9.30E+01	1.71E+02	1.22E-02	-2.54E+00
8.10E+01	-9.30E+01	1.71E+02	-1.10E-02	-2.53E+00
8.10E+01	-9.30E+01	1.70E+02	-1.83E-02	-2.53E+00
8.10E+01	-9.30E+01	1.71E+02	-6.10E-03	-2.53E+00
8.11E+01	-9.30E+01	1.71E+02	-2.69E-02	-2.53E+00
8.11E+01	-9.30E+01	1.71E+02	-1.46E-02	-2.52E+00
8.11E+01	-9.30E+01	1.70E+02	-1.71E-02	-2.52E+00
8.11E+01	-9.30E+01	1.70E+02	-3.42E-02	-2.51E+00
8.11E+01	-9.30E+01	1.70E+02	-3.66E-02	-2.52E+00
8.12E+01	-9.30E+01	1.71E+02	-3.78E-02	-2.52E+00
8.12E+01	-9.30E+01	1.70E+02	-2.44E-02	-2.51E+00
8.12E+01	-9.30E+01	1.70E+02	-3.17E-02	-2.51E+00
8.12E+01	-9.30E+01	1.71E+02	-3.30E-02	-2.51E+00
8.12E+01	-9.30E+01	1.70E+02	-2.93E-02	-2.50E+00
8.13E+01	-9.30E+01	1.70E+02	-2.93E-02	-2.50E+00
8.13E+01	-9.30E+01	1.70E+02	-2.93E-02	-2.50E+00
8.13E+01	-9.30E+01	1.70E+02	-3.54E-02	-2.49E+00
8.13E+01	-9.30E+01	1.71E+02	-1.59E-02	-2.49E+00
8.13E+01	-9.30E+01	1.71E+02	-2.32E-02	-2.50E+00
8.14E+01	-9.30E+01	1.70E+02	-2.20E-02	-2.49E+00
8.14E+01	-9.30E+01	1.70E+02	-3.91E-02	-2.48E+00
8.14E+01	-9.30E+01	1.70E+02	-1.83E-02	-2.49E+00
8.14E+01	-9.30E+01	1.70E+02	-2.69E-02	-2.49E+00
8.14E+01	-9.30E+01	1.70E+02	-2.20E-02	-2.49E+00

8.15E+01	-9.30E+01	1.70E+02	-3.05E-02	-2.48E+00
8.15E+01	-9.30E+01	1.70E+02	-4.88E-02	-2.48E+00
8.15E+01	-9.30E+01	1.70E+02	-2.44E-02	-2.48E+00
8.15E+01	-9.30E+01	1.70E+02	-2.69E-02	-2.49E+00
8.15E+01	-9.30E+01	1.70E+02	-2.32E-02	-2.48E+00
8.16E+01	-9.30E+01	1.70E+02	-2.81E-02	-2.47E+00
8.16E+01	-9.30E+01	1.70E+02	-3.66E-02	-2.47E+00
8.16E+01	-9.30E+01	1.70E+02	-1.59E-02	-2.46E+00
8.16E+01	-9.30E+01	1.70E+02	1.95E-02	-2.46E+00
8.16E+01	-9.30E+01	1.70E+02	-1.46E-02	-2.47E+00
8.17E+01	-9.30E+01	1.70E+02	4.88E-03	-2.47E+00
8.17E+01	-9.30E+01	1.70E+02	-1.46E-02	-2.46E+00
8.17E+01	-9.30E+01	1.69E+02	-1.10E-02	-2.46E+00
8.17E+01	-9.30E+01	1.69E+02	9.77E-03	-2.46E+00
8.17E+01	-9.30E+01	1.70E+02	2.44E-03	-2.46E+00
8.18E+01	-9.30E+01	1.70E+02	-2.44E-03	-2.46E+00
8.18E+01	-9.30E+01	1.70E+02	-4.88E-03	-2.46E+00
8.18E+01	-9.30E+01	1.69E+02	-2.32E-02	-2.46E+00
8.18E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.45E+00
8.18E+01	-9.30E+01	1.69E+02	4.88E-03	-2.46E+00
8.19E+01	-9.30E+01	1.69E+02	2.44E-03	-2.45E+00
8.19E+01	-9.30E+01	1.69E+02	-2.44E-03	-2.46E+00
8.19E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.46E+00
8.19E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.47E+00
8.19E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.45E+00
8.20E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.45E+00
8.20E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.45E+00
8.20E+01	-9.30E+01	1.69E+02	-3.05E-02	-2.46E+00
8.20E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.44E+00
8.20E+01	-9.30E+01	1.69E+02	-2.56E-02	-2.44E+00
8.21E+01	-9.30E+01	1.69E+02	-3.78E-02	-2.44E+00
8.21E+01	-9.30E+01	1.69E+02	-2.32E-02	-2.44E+00
8.21E+01	-9.30E+01	1.69E+02	-2.81E-02	-2.45E+00
8.21E+01	-9.30E+01	1.69E+02	-3.42E-02	-2.44E+00
8.21E+01	-9.30E+01	1.69E+02	-3.42E-02	-2.44E+00
8.22E+01	-9.30E+01	1.69E+02	-3.05E-02	-2.43E+00
8.22E+01	-9.30E+01	1.69E+02	-1.83E-02	-2.43E+00
8.22E+01	-9.30E+01	1.69E+02	-2.93E-02	-2.42E+00
8.22E+01	-9.30E+01	1.69E+02	-3.05E-02	-2.43E+00
8.22E+01	-9.30E+01	1.69E+02	-4.15E-02	-2.42E+00
8.23E+01	-9.30E+01	1.69E+02	-5.00E-02	-2.42E+00
8.23E+01	-9.30E+01	1.69E+02	-2.93E-02	-2.42E+00
8.23E+01	-9.30E+01	1.69E+02	-3.17E-02	-2.41E+00
8.23E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.42E+00
8.23E+01	-9.30E+01	1.69E+02	2.44E-03	-2.42E+00
8.24E+01	-9.30E+01	1.69E+02	-1.83E-02	-2.41E+00
8.24E+01	-9.30E+01	1.69E+02	0.00E+00	-2.41E+00

8.24E+01	-9.30E+01	1.69E+02	-6.10E-03	-2.40E+00
8.24E+01	-9.30E+01	1.68E+02	-8.54E-03	-2.40E+00
8.24E+01	-9.30E+01	1.68E+02	2.93E-02	-2.41E+00
8.25E+01	-9.30E+01	1.68E+02	9.77E-03	-2.39E+00
8.25E+01	-9.30E+01	1.69E+02	-1.22E-03	-2.41E+00
8.25E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.40E+00
8.25E+01	-9.30E+01	1.68E+02	-1.22E-03	-2.40E+00
8.25E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.40E+00
8.26E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.40E+00
8.26E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.40E+00
8.26E+01	-9.30E+01	1.68E+02	-3.05E-02	-2.39E+00
8.26E+01	-9.30E+01	1.68E+02	-2.81E-02	-2.40E+00
8.26E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.38E+00
8.27E+01	-9.30E+01	1.69E+02	-4.27E-02	-2.38E+00
8.27E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.37E+00
8.27E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.37E+00
8.27E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.37E+00
8.27E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.39E+00
8.28E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.37E+00
8.28E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.37E+00
8.28E+01	-9.30E+01	1.69E+02	0.00E+00	-2.36E+00
8.28E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.36E+00
8.28E+01	-9.30E+01	1.69E+02	3.66E-03	-2.37E+00
8.29E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.37E+00
8.29E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.36E+00
8.29E+01	-9.30E+01	1.69E+02	-1.22E-03	-2.35E+00
8.29E+01	-9.30E+01	1.69E+02	1.22E-03	-2.35E+00
8.29E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.36E+00
8.30E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.36E+00
8.30E+01	-9.30E+01	1.69E+02	2.44E-02	-2.35E+00
8.30E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.36E+00
8.30E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.35E+00
8.30E+01	-9.30E+01	1.69E+02	2.44E-03	-2.36E+00
8.31E+01	-9.30E+01	1.69E+02	1.34E-02	-2.36E+00
8.31E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.35E+00
8.31E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.34E+00
8.31E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.34E+00
8.31E+01	-9.30E+01	1.69E+02	4.88E-03	-2.35E+00
8.32E+01	-9.30E+01	1.69E+02	-4.52E-02	-2.34E+00
8.32E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.35E+00
8.32E+01	-9.30E+01	1.68E+02	8.54E-03	-2.33E+00
8.32E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.34E+00
8.32E+01	-9.30E+01	1.69E+02	3.30E-02	-2.34E+00
8.33E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.34E+00
8.33E+01	-9.30E+01	1.68E+02	-1.34E-02	-2.36E+00
8.33E+01	-9.30E+01	1.68E+02	-2.08E-02	-2.34E+00
8.33E+01	-9.30E+01	1.68E+02	-2.56E-02	-2.33E+00

8.33E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.33E+00
8.34E+01	-9.30E+01	1.68E+02	-6.10E-03	-2.35E+00
8.34E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.34E+00
8.34E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.34E+00
8.34E+01	-9.30E+01	1.69E+02	-4.64E-02	-2.33E+00
8.34E+01	-9.30E+01	1.69E+02	-4.03E-02	-2.32E+00
8.35E+01	-9.30E+01	1.68E+02	-3.17E-02	-2.33E+00
8.35E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.32E+00
8.35E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.33E+00
8.35E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.31E+00
8.35E+01	-9.30E+01	1.68E+02	-4.03E-02	-2.32E+00
8.36E+01	-9.30E+01	1.68E+02	-3.66E-02	-2.31E+00
8.36E+01	-9.30E+01	1.69E+02	-2.56E-02	-2.31E+00
8.36E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.31E+00
8.36E+01	-9.30E+01	1.68E+02	-1.59E-02	-2.30E+00
8.36E+01	-9.30E+01	1.69E+02	-2.93E-02	-2.29E+00
8.37E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.30E+00
8.37E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.29E+00
8.37E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.29E+00
8.37E+01	-9.30E+01	1.68E+02	4.88E-03	-2.29E+00
8.37E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.29E+00
8.38E+01	-9.30E+01	1.68E+02	-1.59E-02	-2.28E+00
8.38E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.28E+00
8.38E+01	-9.30E+01	1.69E+02	4.88E-03	-2.28E+00
8.38E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.29E+00
8.38E+01	-9.30E+01	1.68E+02	9.77E-03	-2.29E+00
8.39E+01	-9.30E+01	1.68E+02	0.00E+00	-2.29E+00
8.39E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.29E+00
8.39E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.29E+00
8.39E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.29E+00
8.39E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.29E+00
8.40E+01	-9.30E+01	1.68E+02	-2.32E-02	-2.28E+00
8.40E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.29E+00
8.40E+01	-9.30E+01	1.68E+02	-2.56E-02	-2.28E+00
8.40E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.27E+00
8.40E+01	-9.30E+01	1.69E+02	-3.17E-02	-2.27E+00
8.41E+01	-9.30E+01	1.69E+02	-1.59E-02	-2.26E+00
8.41E+01	-9.30E+01	1.69E+02	-2.08E-02	-2.26E+00
8.41E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.26E+00
8.41E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.25E+00
8.41E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.26E+00
8.42E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.25E+00
8.42E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.26E+00
8.42E+01	-9.30E+01	1.68E+02	3.66E-03	-2.25E+00
8.42E+01	-9.30E+01	1.68E+02	0.00E+00	-2.26E+00
8.42E+01	-9.30E+01	1.69E+02	-8.54E-03	-2.25E+00
8.43E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.26E+00

8.43E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.24E+00
8.43E+01	-9.30E+01	1.68E+02	0.00E+00	-2.24E+00
8.43E+01	-9.30E+01	1.68E+02	7.32E-03	-2.25E+00
8.43E+01	-9.30E+01	1.68E+02	0.00E+00	-2.25E+00
8.44E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.26E+00
8.44E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.25E+00
8.44E+01	-9.30E+01	1.69E+02	-3.17E-02	-2.25E+00
8.44E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.24E+00
8.44E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.22E+00
8.45E+01	-9.30E+01	1.68E+02	-3.05E-02	-2.23E+00
8.45E+01	-9.30E+01	1.68E+02	-2.32E-02	-2.23E+00
8.45E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.23E+00
8.45E+01	-9.30E+01	1.68E+02	-1.34E-02	-2.22E+00
8.45E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.22E+00
8.46E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.22E+00
8.46E+01	-9.30E+01	1.68E+02	-6.10E-03	-2.21E+00
8.46E+01	-9.30E+01	1.68E+02	-1.34E-02	-2.22E+00
8.46E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.23E+00
8.46E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.21E+00
8.47E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.21E+00
8.47E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.21E+00
8.47E+01	-9.30E+01	1.68E+02	7.32E-03	-2.21E+00
8.47E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.22E+00
8.47E+01	-9.30E+01	1.69E+02	-6.10E-03	-2.21E+00
8.48E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.21E+00
8.48E+01	-9.30E+01	1.68E+02	-1.10E-02	-2.20E+00
8.48E+01	-9.30E+01	1.68E+02	-3.66E-03	-2.20E+00
8.48E+01	-9.30E+01	1.69E+02	1.95E-02	-2.21E+00
8.48E+01	-9.30E+01	1.69E+02	-6.10E-03	-2.22E+00
8.49E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.21E+00
8.49E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.20E+00
8.49E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.20E+00
8.49E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.20E+00
8.49E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.20E+00
8.50E+01	-9.30E+01	1.68E+02	-4.15E-02	-2.20E+00
8.50E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.19E+00
8.50E+01	-9.30E+01	1.69E+02	-4.27E-02	-2.19E+00
8.50E+01	-9.30E+01	1.69E+02	-4.27E-02	-2.19E+00
8.50E+01	-9.30E+01	1.69E+02	-4.76E-02	-2.18E+00
8.51E+01	-9.30E+01	1.69E+02	-2.69E-02	-2.18E+00
8.51E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.18E+00
8.51E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.18E+00
8.51E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.18E+00
8.51E+01	-9.30E+01	1.69E+02	1.10E-02	-2.18E+00
8.52E+01	-9.30E+01	1.69E+02	-1.34E-02	-2.17E+00
8.52E+01	-9.30E+01	1.69E+02	4.88E-03	-2.17E+00
8.52E+01	-9.30E+01	1.69E+02	2.44E-03	-2.18E+00

8.52E+01	-9.30E+01	1.69E+02	-6.10E-03	-2.17E+00
8.52E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.17E+00
8.53E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.15E+00
8.53E+01	-9.30E+01	1.69E+02	-6.10E-03	-2.16E+00
8.53E+01	-9.30E+01	1.69E+02	-1.22E-03	-2.16E+00
8.53E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.17E+00
8.53E+01	-9.30E+01	1.69E+02	-6.10E-03	-2.17E+00
8.54E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.16E+00
8.54E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.16E+00
8.54E+01	-9.30E+01	1.69E+02	-3.05E-02	-2.16E+00
8.54E+01	-9.30E+01	1.69E+02	2.44E-03	-2.16E+00
8.54E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.17E+00
8.55E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.16E+00
8.55E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.16E+00
8.55E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.15E+00
8.55E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.15E+00
8.55E+01	-9.30E+01	1.69E+02	-2.69E-02	-2.15E+00
8.56E+01	-9.30E+01	1.69E+02	-3.17E-02	-2.15E+00
8.56E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.15E+00
8.56E+01	-9.30E+01	1.69E+02	-3.42E-02	-2.14E+00
8.56E+01	-9.30E+01	1.69E+02	-4.39E-02	-2.15E+00
8.56E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.14E+00
8.57E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.15E+00
8.57E+01	-9.30E+01	1.69E+02	-3.91E-02	-2.13E+00
8.57E+01	-9.30E+01	1.69E+02	-3.91E-02	-2.13E+00
8.57E+01	-9.30E+01	1.69E+02	-4.15E-02	-2.12E+00
8.57E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.14E+00
8.58E+01	-9.30E+01	1.69E+02	-3.42E-02	-2.13E+00
8.58E+01	-9.30E+01	1.69E+02	-3.17E-02	-2.13E+00
8.58E+01	-9.30E+01	1.69E+02	-5.86E-02	-2.12E+00
8.58E+01	-9.30E+01	1.69E+02	-3.17E-02	-2.12E+00
8.58E+01	-9.30E+01	1.69E+02	-1.10E-02	-2.12E+00
8.59E+01	-9.30E+01	1.69E+02	-2.08E-02	-2.12E+00
8.59E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.12E+00
8.59E+01	-9.30E+01	1.69E+02	-3.05E-02	-2.11E+00
8.59E+01	-9.30E+01	1.69E+02	-2.69E-02	-2.11E+00
8.59E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.10E+00
8.60E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.10E+00
8.60E+01	-9.30E+01	1.69E+02	-1.10E-02	-2.10E+00
8.60E+01	-9.30E+01	1.69E+02	2.44E-03	-2.10E+00
8.60E+01	-9.30E+01	1.68E+02	0.00E+00	-2.09E+00
8.60E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.10E+00
8.61E+01	-9.30E+01	1.69E+02	-1.34E-02	-2.09E+00
8.61E+01	-9.30E+01	1.69E+02	2.93E-02	-2.10E+00
8.61E+01	-9.30E+01	1.69E+02	4.88E-03	-2.10E+00
8.61E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.10E+00
8.61E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.10E+00

8.62E+01	-9.30E+01	1.69E+02	-2.44E-03	-2.10E+00
8.62E+01	-9.30E+01	1.68E+02	-8.54E-03	-2.10E+00
8.62E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.09E+00
8.62E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.10E+00
8.62E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.11E+00
8.63E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.09E+00
8.63E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.09E+00
8.63E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.10E+00
8.63E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.10E+00
8.63E+01	-9.30E+01	1.69E+02	-1.10E-02	-2.09E+00
8.64E+01	-9.30E+01	1.69E+02	-3.17E-02	-2.09E+00
8.64E+01	-9.30E+01	1.68E+02	-4.64E-02	-2.07E+00
8.64E+01	-9.30E+01	1.68E+02	-2.81E-02	-2.08E+00
8.64E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.07E+00
8.64E+01	-9.30E+01	1.69E+02	-2.69E-02	-2.08E+00
8.65E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.08E+00
8.65E+01	-9.30E+01	1.68E+02	-4.52E-02	-2.07E+00
8.65E+01	-9.30E+01	1.69E+02	-3.91E-02	-2.05E+00
8.65E+01	-9.30E+01	1.69E+02	-3.42E-02	-2.05E+00
8.65E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.05E+00
8.66E+01	-9.30E+01	1.69E+02	-4.03E-02	-2.06E+00
8.66E+01	-9.30E+01	1.69E+02	-6.10E-03	-2.05E+00
8.66E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.04E+00
8.66E+01	-9.30E+01	1.69E+02	-1.10E-02	-2.05E+00
8.66E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.04E+00
8.67E+01	-9.30E+01	1.69E+02	-8.54E-03	-2.05E+00
8.67E+01	-9.30E+01	1.69E+02	4.88E-03	-2.05E+00
8.67E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.05E+00
8.67E+01	-9.30E+01	1.68E+02	-6.10E-03	-2.05E+00
8.67E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.04E+00
8.68E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.05E+00
8.68E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.04E+00
8.68E+01	-9.30E+01	1.68E+02	-1.59E-02	-2.05E+00
8.68E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.05E+00
8.68E+01	-9.30E+01	1.68E+02	-3.17E-02	-2.05E+00
8.69E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.04E+00
8.69E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.04E+00
8.69E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.03E+00
8.69E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.04E+00
8.69E+01	-9.30E+01	1.68E+02	-4.39E-02	-2.04E+00
8.70E+01	-9.30E+01	1.68E+02	-6.23E-02	-2.02E+00
8.70E+01	-9.30E+01	1.68E+02	-4.39E-02	-2.02E+00
8.70E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.01E+00
8.70E+01	-9.30E+01	1.69E+02	-2.93E-02	-2.02E+00
8.70E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.02E+00
8.71E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.01E+00
8.71E+01	-9.30E+01	1.68E+02	-3.17E-02	-2.03E+00

8.71E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.01E+00
8.71E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.00E+00
8.71E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.00E+00
8.72E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.01E+00
8.72E+01	-9.30E+01	1.68E+02	-1.71E-02	-1.99E+00
8.72E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.00E+00
8.72E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.00E+00
8.72E+01	-9.30E+01	1.69E+02	1.46E-02	-2.00E+00
8.73E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.00E+00
8.73E+01	-9.30E+01	1.68E+02	7.32E-03	-2.00E+00
8.73E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.00E+00
8.73E+01	-9.30E+01	1.68E+02	-1.95E-02	-1.99E+00
8.73E+01	-9.30E+01	1.68E+02	1.71E-02	-1.98E+00
8.74E+01	-9.30E+01	1.68E+02	1.71E-02	-2.00E+00
8.74E+01	-9.30E+01	1.68E+02	0.00E+00	-1.99E+00
8.74E+01	-9.30E+01	1.68E+02	-1.46E-02	-1.99E+00
8.74E+01	-9.30E+01	1.68E+02	-6.10E-03	-1.99E+00
8.74E+01	-9.30E+01	1.68E+02	-7.32E-03	-1.99E+00
8.75E+01	-9.30E+01	1.68E+02	9.77E-03	-2.00E+00
8.75E+01	-9.30E+01	1.68E+02	7.32E-03	-1.98E+00
8.75E+01	-9.30E+01	1.68E+02	-4.88E-03	-1.99E+00
8.75E+01	-9.30E+01	1.68E+02	-2.44E-03	-1.99E+00
8.75E+01	-9.30E+01	1.68E+02	-1.22E-03	-1.99E+00
8.76E+01	-9.30E+01	1.68E+02	-2.93E-02	-1.98E+00
8.76E+01	-9.30E+01	1.68E+02	-3.17E-02	-1.98E+00
8.76E+01	-9.30E+01	1.68E+02	-1.71E-02	-1.98E+00
8.76E+01	-9.30E+01	1.68E+02	-2.08E-02	-1.99E+00
8.76E+01	-9.30E+01	1.68E+02	-2.93E-02	-1.98E+00
8.77E+01	-9.30E+01	1.68E+02	-3.17E-02	-1.96E+00
8.77E+01	-9.30E+01	1.68E+02	-1.71E-02	-1.97E+00
8.77E+01	-9.30E+01	1.68E+02	-2.08E-02	-1.97E+00
8.77E+01	-9.30E+01	1.68E+02	-2.69E-02	-1.97E+00
8.77E+01	-9.30E+01	1.68E+02	-3.78E-02	-1.97E+00
8.78E+01	-9.30E+01	1.68E+02	-4.15E-02	-1.96E+00
8.78E+01	-9.30E+01	1.68E+02	-3.66E-02	-1.96E+00
8.78E+01	-9.30E+01	1.68E+02	-2.56E-02	-1.97E+00
8.78E+01	-9.30E+01	1.68E+02	-1.46E-02	-1.96E+00
8.78E+01	-9.30E+01	1.68E+02	-3.17E-02	-1.96E+00
8.79E+01	-9.30E+01	1.68E+02	-5.37E-02	-1.95E+00
8.79E+01	-9.30E+01	1.68E+02	-3.91E-02	-1.95E+00
8.79E+01	-9.30E+01	1.68E+02	-1.46E-02	-1.94E+00
8.79E+01	-9.30E+01	1.68E+02	-2.44E-02	-1.95E+00
8.79E+01	-9.30E+01	1.68E+02	-3.78E-02	-1.95E+00
8.80E+01	-9.30E+01	1.68E+02	-3.42E-02	-1.94E+00
8.80E+01	-9.30E+01	1.68E+02	-2.81E-02	-1.95E+00
8.80E+01	-9.30E+01	1.68E+02	-3.91E-02	-1.93E+00
8.80E+01	-9.30E+01	1.68E+02	-1.71E-02	-1.93E+00

8.80E+01	-9.30E+01	1.68E+02	-3.42E-02	-1.92E+00
8.81E+01	-9.30E+01	1.68E+02	-4.88E-03	-1.94E+00
8.81E+01	-9.30E+01	1.68E+02	-7.32E-03	-1.93E+00
8.81E+01	-9.30E+01	1.68E+02	-8.54E-03	-1.92E+00
8.81E+01	-9.30E+01	1.68E+02	-1.83E-02	-1.91E+00
8.81E+01	-9.30E+01	1.68E+02	-2.44E-03	-1.93E+00
8.82E+01	-9.30E+01	1.68E+02	7.32E-03	-1.94E+00
8.82E+01	-9.30E+01	1.67E+02	2.44E-03	-1.93E+00
8.82E+01	-9.30E+01	1.68E+02	-7.32E-03	-1.92E+00
8.82E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.92E+00
8.82E+01	-9.30E+01	1.67E+02	0.00E+00	-1.93E+00
8.83E+01	-9.30E+01	1.67E+02	4.88E-03	-1.91E+00
8.83E+01	-9.30E+01	1.67E+02	2.44E-03	-1.92E+00
8.83E+01	-9.30E+01	1.67E+02	-3.42E-02	-1.92E+00
8.83E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.92E+00
8.83E+01	-9.30E+01	1.67E+02	-2.44E-02	-1.90E+00
8.84E+01	-9.30E+01	1.68E+02	-6.10E-03	-1.91E+00
8.84E+01	-9.30E+01	1.67E+02	-2.08E-02	-1.92E+00
8.84E+01	-9.30E+01	1.67E+02	-2.32E-02	-1.92E+00
8.84E+01	-9.30E+01	1.67E+02	-2.32E-02	-1.92E+00
8.84E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.92E+00
8.85E+01	-9.30E+01	1.67E+02	-1.83E-02	-1.91E+00
8.85E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.90E+00
8.85E+01	-9.30E+01	1.67E+02	-2.44E-02	-1.90E+00
8.85E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.90E+00
8.85E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.90E+00
8.86E+01	-9.30E+01	1.67E+02	-3.42E-02	-1.91E+00
8.86E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.90E+00
8.86E+01	-9.30E+01	1.67E+02	-2.32E-02	-1.90E+00
8.86E+01	-9.30E+01	1.67E+02	-4.64E-02	-1.89E+00
8.86E+01	-9.30E+01	1.67E+02	-3.17E-02	-1.90E+00
8.87E+01	-9.30E+01	1.67E+02	-2.81E-02	-1.89E+00
8.87E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.89E+00
8.87E+01	-9.30E+01	1.67E+02	-2.32E-02	-1.89E+00
8.87E+01	-9.30E+01	1.67E+02	-2.44E-02	-1.89E+00
8.87E+01	-9.30E+01	1.67E+02	-3.42E-02	-1.87E+00
8.88E+01	-9.30E+01	1.67E+02	-4.64E-02	-1.88E+00
8.88E+01	-9.30E+01	1.67E+02	-2.56E-02	-1.88E+00
8.88E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.88E+00
8.88E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.89E+00
8.88E+01	-9.30E+01	1.67E+02	-5.49E-02	-1.87E+00
8.89E+01	-9.30E+01	1.67E+02	-3.42E-02	-1.87E+00
8.89E+01	-9.30E+01	1.67E+02	-3.54E-02	-1.87E+00
8.89E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.88E+00
8.89E+01	-9.30E+01	1.67E+02	-3.42E-02	-1.87E+00
8.89E+01	-9.30E+01	1.67E+02	-3.91E-02	-1.86E+00
8.90E+01	-9.30E+01	1.67E+02	-2.81E-02	-1.86E+00

8.90E+01	-9.30E+01	1.67E+02	-3.66E-02	-1.86E+00
8.90E+01	-9.30E+01	1.67E+02	-2.44E-02	-1.86E+00
8.90E+01	-9.30E+01	1.67E+02	-3.17E-02	-1.86E+00
8.90E+01	-9.30E+01	1.67E+02	-3.78E-02	-1.87E+00
8.91E+01	-9.30E+01	1.67E+02	-4.88E-02	-1.85E+00
8.91E+01	-9.30E+01	1.67E+02	-2.69E-02	-1.84E+00
8.91E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.83E+00
8.91E+01	-9.30E+01	1.67E+02	2.44E-03	-1.84E+00
8.91E+01	-9.30E+01	1.67E+02	0.00E+00	-1.85E+00
8.92E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.84E+00
8.92E+01	-9.30E+01	1.67E+02	-2.44E-03	-1.84E+00
8.92E+01	-9.30E+01	1.67E+02	-6.10E-03	-1.84E+00
8.92E+01	-9.30E+01	1.67E+02	-2.44E-03	-1.83E+00
8.92E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.83E+00
8.93E+01	-9.30E+01	1.67E+02	3.66E-03	-1.83E+00
8.93E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.83E+00
8.93E+01	-9.30E+01	1.67E+02	-8.54E-03	-1.83E+00
8.93E+01	-9.30E+01	1.67E+02	-2.44E-03	-1.84E+00
8.93E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.83E+00
8.94E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.82E+00
8.94E+01	-9.30E+01	1.67E+02	-1.22E-03	-1.83E+00
8.94E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.83E+00
8.94E+01	-9.30E+01	1.67E+02	-1.59E-02	-1.82E+00
8.94E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.82E+00
8.95E+01	-9.30E+01	1.66E+02	-1.34E-02	-1.82E+00
8.95E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.82E+00
8.95E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.82E+00
8.95E+01	-9.30E+01	1.67E+02	-8.54E-03	-1.82E+00
8.95E+01	-9.30E+01	1.66E+02	-4.88E-02	-1.81E+00
8.96E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.82E+00
8.96E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.81E+00
8.96E+01	-9.30E+01	1.67E+02	-2.44E-02	-1.82E+00
8.96E+01	-9.30E+01	1.66E+02	-3.42E-02	-1.82E+00
8.96E+01	-9.30E+01	1.67E+02	-2.69E-02	-1.80E+00
8.97E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.80E+00
8.97E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.80E+00
8.97E+01	-9.30E+01	1.67E+02	-2.56E-02	-1.81E+00
8.97E+01	-9.30E+01	1.67E+02	-3.17E-02	-1.80E+00
8.97E+01	-9.30E+01	1.67E+02	-3.66E-02	-1.80E+00
8.98E+01	-9.30E+01	1.67E+02	-2.69E-02	-1.80E+00
8.98E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.79E+00
8.98E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.80E+00
8.98E+01	-9.30E+01	1.66E+02	-3.91E-02	-1.80E+00
8.98E+01	-9.30E+01	1.67E+02	-3.42E-02	-1.79E+00
8.99E+01	-9.30E+01	1.67E+02	-1.59E-02	-1.78E+00
8.99E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.79E+00
8.99E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.79E+00

8.99E+01	-9.30E+01	1.66E+02	-2.93E-02	-1.78E+00
8.99E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.77E+00
9.00E+01	-9.30E+01	1.67E+02	-3.91E-02	-1.78E+00
9.00E+01	-9.30E+01	1.66E+02	-3.54E-02	-1.79E+00
9.00E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.78E+00
9.00E+01	-9.30E+01	1.67E+02	-3.91E-02	-1.77E+00
9.00E+01	-9.30E+01	1.67E+02	-3.91E-02	-1.77E+00
9.01E+01	-9.30E+01	1.67E+02	-3.42E-02	-1.77E+00
9.01E+01	-9.30E+01	1.66E+02	-3.05E-02	-1.77E+00
9.01E+01	-9.30E+01	1.67E+02	-2.69E-02	-1.78E+00
9.01E+01	-9.30E+01	1.67E+02	-3.78E-02	-1.77E+00
9.01E+01	-9.30E+01	1.66E+02	-3.30E-02	-1.76E+00
9.02E+01	-9.30E+01	1.66E+02	-6.10E-02	-1.75E+00
9.02E+01	-9.30E+01	1.66E+02	-2.81E-02	-1.75E+00
9.02E+01	-9.30E+01	1.67E+02	-1.46E-02	-1.75E+00
9.02E+01	-9.30E+01	1.67E+02	-1.10E-02	-1.75E+00
9.02E+01	-9.30E+01	1.66E+02	-7.32E-03	-1.75E+00
9.03E+01	-9.30E+01	1.66E+02	-1.34E-02	-1.75E+00
9.03E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.73E+00
9.03E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.74E+00
9.03E+01	-9.30E+01	1.67E+02	0.00E+00	-1.74E+00
9.03E+01	-9.30E+01	1.66E+02	6.10E-03	-1.74E+00
9.04E+01	-9.30E+01	1.66E+02	-7.32E-03	-1.75E+00
9.04E+01	-9.30E+01	1.66E+02	-2.44E-03	-1.75E+00
9.04E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.75E+00
9.04E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.75E+00
9.04E+01	-9.30E+01	1.66E+02	2.44E-03	-1.74E+00
9.05E+01	-9.30E+01	1.66E+02	-7.32E-03	-1.74E+00
9.05E+01	-9.30E+01	1.66E+02	-3.91E-02	-1.74E+00
9.05E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.75E+00
9.05E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.73E+00
9.05E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.73E+00
9.06E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.73E+00
9.06E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.73E+00
9.06E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.71E+00
9.06E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.72E+00
9.06E+01	-9.30E+01	1.66E+02	-2.44E-03	-1.72E+00
9.07E+01	-9.30E+01	1.66E+02	2.44E-02	-1.72E+00
9.07E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.72E+00
9.07E+01	-9.30E+01	1.66E+02	1.59E-02	-1.72E+00
9.07E+01	-9.30E+01	1.66E+02	-1.10E-02	-1.71E+00
9.07E+01	-9.30E+01	1.66E+02	4.88E-03	-1.71E+00
9.08E+01	-9.30E+01	1.66E+02	4.88E-03	-1.72E+00
9.08E+01	-9.30E+01	1.66E+02	-1.10E-02	-1.71E+00
9.08E+01	-9.30E+01	1.66E+02	-6.10E-03	-1.71E+00
9.08E+01	-9.30E+01	1.66E+02	-2.44E-03	-1.71E+00
9.08E+01	-9.30E+01	1.66E+02	0.00E+00	-1.70E+00

9.09E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.70E+00
9.09E+01	-9.30E+01	1.66E+02	-2.44E-03	-1.71E+00
9.09E+01	-9.30E+01	1.65E+02	-2.08E-02	-1.71E+00
9.09E+01	-9.30E+01	1.66E+02	-3.42E-02	-1.69E+00
9.09E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.71E+00
9.10E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.70E+00
9.10E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.70E+00
9.10E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.69E+00
9.10E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.69E+00
9.10E+01	-9.30E+01	1.66E+02	1.22E-03	-1.69E+00
9.11E+01	-9.30E+01	1.66E+02	7.32E-03	-1.69E+00
9.11E+01	-9.30E+01	1.66E+02	-1.22E-02	-1.68E+00
9.11E+01	-9.30E+01	1.66E+02	-1.59E-02	-1.68E+00
9.11E+01	-9.30E+01	1.66E+02	-1.22E-03	-1.68E+00
9.11E+01	-9.30E+01	1.66E+02	2.44E-03	-1.67E+00
9.12E+01	-9.30E+01	1.65E+02	2.44E-03	-1.67E+00
9.12E+01	-9.30E+01	1.66E+02	0.00E+00	-1.67E+00
9.12E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.67E+00
9.12E+01	-9.30E+01	1.66E+02	-3.66E-03	-1.67E+00
9.12E+01	-9.30E+01	1.65E+02	4.88E-03	-1.67E+00
9.13E+01	-9.30E+01	1.65E+02	4.88E-03	-1.69E+00
9.13E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.68E+00
9.13E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.68E+00
9.13E+01	-9.30E+01	1.65E+02	-4.15E-02	-1.67E+00
9.13E+01	-9.30E+01	1.65E+02	-2.56E-02	-1.66E+00
9.14E+01	-9.30E+01	1.65E+02	-4.27E-02	-1.67E+00
9.14E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.65E+00
9.14E+01	-9.30E+01	1.65E+02	-6.10E-03	-1.66E+00
9.14E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.65E+00
9.14E+01	-9.30E+01	1.66E+02	6.10E-03	-1.65E+00
9.15E+01	-9.30E+01	1.66E+02	-6.10E-03	-1.65E+00
9.15E+01	-9.30E+01	1.65E+02	-1.22E-03	-1.65E+00
9.15E+01	-9.30E+01	1.66E+02	0.00E+00	-1.64E+00
9.15E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.65E+00
9.15E+01	-9.30E+01	1.66E+02	1.46E-02	-1.64E+00
9.16E+01	-9.30E+01	1.65E+02	4.88E-03	-1.64E+00
9.16E+01	-9.30E+01	1.65E+02	1.22E-03	-1.66E+00
9.16E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.66E+00
9.16E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.64E+00
9.16E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.65E+00
9.17E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.64E+00
9.17E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.64E+00
9.17E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.63E+00
9.17E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.63E+00
9.17E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.63E+00
9.18E+01	-9.30E+01	1.66E+02	4.88E-03	-1.63E+00
9.18E+01	-9.30E+01	1.65E+02	-1.83E-02	-1.63E+00

9.18E+01	-9.30E+01	1.65E+02	-4.15E-02	-1.62E+00
9.18E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.61E+00
9.18E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.62E+00
9.19E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.63E+00
9.19E+01	-9.30E+01	1.66E+02	-2.56E-02	-1.62E+00
9.19E+01	-9.30E+01	1.65E+02	-2.81E-02	-1.63E+00
9.19E+01	-9.30E+01	1.65E+02	-5.00E-02	-1.61E+00
9.19E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.62E+00
9.20E+01	-9.30E+01	1.66E+02	-3.42E-02	-1.61E+00
9.20E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.62E+00
9.20E+01	-9.30E+01	1.65E+02	-2.56E-02	-1.62E+00
9.20E+01	-9.30E+01	1.65E+02	-4.88E-02	-1.61E+00
9.20E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.61E+00
9.21E+01	-9.30E+01	1.66E+02	3.66E-03	-1.61E+00
9.21E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.61E+00
9.21E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.61E+00
9.21E+01	-9.30E+01	1.65E+02	-3.05E-02	-1.60E+00
9.21E+01	-9.30E+01	1.66E+02	-7.20E-02	-1.59E+00
9.22E+01	-9.30E+01	1.65E+02	-2.08E-02	-1.60E+00
9.22E+01	-9.30E+01	1.65E+02	-3.54E-02	-1.59E+00
9.22E+01	-9.30E+01	1.65E+02	-3.05E-02	-1.59E+00
9.22E+01	-9.30E+01	1.66E+02	-3.91E-02	-1.59E+00
9.22E+01	-9.30E+01	1.66E+02	-3.42E-02	-1.58E+00
9.23E+01	-9.30E+01	1.66E+02	-2.93E-02	-1.59E+00
9.23E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.59E+00
9.23E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.59E+00
9.23E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.58E+00
9.23E+01	-9.30E+01	1.66E+02	0.00E+00	-1.58E+00
9.24E+01	-9.30E+01	1.66E+02	-2.44E-03	-1.58E+00
9.24E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.58E+00
9.24E+01	-9.30E+01	1.65E+02	-2.56E-02	-1.57E+00
9.24E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.58E+00
9.24E+01	-9.30E+01	1.65E+02	-2.44E-03	-1.58E+00
9.25E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.57E+00
9.25E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.57E+00
9.25E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.57E+00
9.25E+01	-9.30E+01	1.65E+02	-2.32E-02	-1.56E+00
9.25E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.56E+00
9.26E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.57E+00
9.26E+01	-9.30E+01	1.65E+02	-2.32E-02	-1.57E+00
9.26E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.57E+00
9.26E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.55E+00
9.26E+01	-9.30E+01	1.65E+02	-2.08E-02	-1.56E+00
9.27E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.55E+00
9.27E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.55E+00
9.27E+01	-9.30E+01	1.66E+02	-2.93E-02	-1.55E+00
9.27E+01	-9.30E+01	1.65E+02	-4.39E-02	-1.55E+00

9.27E+01	-9.30E+01	1.65E+02	-3.91E-02	-1.55E+00
9.28E+01	-9.30E+01	1.65E+02	-3.17E-02	-1.54E+00
9.28E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.54E+00
9.28E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.55E+00
9.28E+01	-9.30E+01	1.66E+02	-2.81E-02	-1.53E+00
9.28E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.53E+00
9.29E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.53E+00
9.29E+01	-9.30E+01	1.66E+02	-1.83E-02	-1.52E+00
9.29E+01	-9.30E+01	1.65E+02	-2.44E-03	-1.53E+00
9.29E+01	-9.30E+01	1.66E+02	-2.32E-02	-1.51E+00
9.29E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.52E+00
9.30E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.52E+00
9.30E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.51E+00
9.30E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.51E+00
9.30E+01	-9.30E+01	1.66E+02	1.10E-02	-1.52E+00
9.30E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.51E+00
9.31E+01	-9.30E+01	1.65E+02	-2.56E-02	-1.51E+00
9.31E+01	-9.30E+01	1.66E+02	-1.10E-02	-1.50E+00
9.31E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.50E+00
9.31E+01	-9.30E+01	1.65E+02	2.44E-03	-1.51E+00
9.31E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.51E+00
9.32E+01	-9.30E+01	1.65E+02	2.44E-03	-1.51E+00
9.32E+01	-9.30E+01	1.66E+02	-7.32E-03	-1.50E+00
9.32E+01	-9.30E+01	1.66E+02	0.00E+00	-1.50E+00
9.32E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.50E+00
9.32E+01	-9.30E+01	1.65E+02	-2.56E-02	-1.51E+00
9.33E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.51E+00
9.33E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.51E+00
9.33E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.50E+00
9.33E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.50E+00
9.33E+01	-9.30E+01	1.65E+02	-2.44E-03	-1.50E+00
9.34E+01	-9.30E+01	1.66E+02	-1.22E-02	-1.51E+00
9.34E+01	-9.30E+01	1.65E+02	-2.32E-02	-1.50E+00
9.34E+01	-9.30E+01	1.65E+02	-2.32E-02	-1.50E+00
9.34E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.49E+00
9.34E+01	-9.30E+01	1.65E+02	4.88E-03	-1.48E+00
9.35E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.49E+00
9.35E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.48E+00
9.35E+01	-9.30E+01	1.65E+02	-1.59E-02	-1.46E+00
9.35E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.48E+00
9.35E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.48E+00
9.36E+01	-9.30E+01	1.65E+02	-3.66E-02	-1.48E+00
9.36E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.49E+00
9.36E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.49E+00
9.36E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.48E+00
9.36E+01	-9.30E+01	1.65E+02	-2.56E-02	-1.47E+00
9.37E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.48E+00

9.37E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.48E+00
9.37E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.47E+00
9.37E+01	-9.30E+01	1.65E+02	-4.88E-02	-1.46E+00
9.37E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.47E+00
9.38E+01	-9.30E+01	1.65E+02	-1.83E-02	-1.47E+00
9.38E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.47E+00
9.38E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.47E+00
9.38E+01	-9.30E+01	1.65E+02	0.00E+00	-1.46E+00
9.38E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.44E+00
9.39E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.46E+00
9.39E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.45E+00
9.39E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.45E+00
9.39E+01	-9.30E+01	1.65E+02	-3.17E-02	-1.45E+00
9.39E+01	-9.30E+01	1.65E+02	-2.44E-03	-1.44E+00
9.40E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.44E+00
9.40E+01	-9.30E+01	1.65E+02	-3.30E-02	-1.43E+00
9.40E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.43E+00
9.40E+01	-9.30E+01	1.65E+02	-3.91E-02	-1.43E+00
9.40E+01	-9.30E+01	1.65E+02	-5.49E-02	-1.43E+00
9.41E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.43E+00
9.41E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.44E+00
9.41E+01	-9.30E+01	1.65E+02	-3.17E-02	-1.44E+00
9.41E+01	-9.30E+01	1.65E+02	-3.78E-02	-1.43E+00
9.41E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.42E+00
9.42E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.41E+00
9.42E+01	-9.30E+01	1.65E+02	-2.81E-02	-1.42E+00
9.42E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.40E+00
9.42E+01	-9.30E+01	1.65E+02	-3.66E-02	-1.42E+00
9.42E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.40E+00
9.43E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.41E+00
9.43E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.42E+00
9.43E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.41E+00
9.43E+01	-9.30E+01	1.65E+02	-1.59E-02	-1.41E+00
9.43E+01	-9.30E+01	1.65E+02	-3.66E-02	-1.40E+00
9.44E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.40E+00
9.44E+01	-9.30E+01	1.65E+02	-2.56E-02	-1.40E+00
9.44E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.40E+00
9.44E+01	-9.30E+01	1.65E+02	1.71E-02	-1.40E+00
9.44E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.39E+00
9.45E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.40E+00
9.45E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.39E+00
9.45E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.40E+00
9.45E+01	-9.30E+01	1.65E+02	-3.17E-02	-1.39E+00
9.45E+01	-9.30E+01	1.65E+02	-3.66E-02	-1.39E+00
9.46E+01	-9.30E+01	1.65E+02	-5.86E-02	-1.38E+00
9.46E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.39E+00
9.46E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.38E+00

9.46E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.38E+00
9.46E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.38E+00
9.47E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.37E+00
9.47E+01	-9.30E+01	1.65E+02	-2.32E-02	-1.37E+00
9.47E+01	-9.30E+01	1.64E+02	-1.10E-02	-1.37E+00
9.47E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.36E+00
9.47E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.37E+00
9.48E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.37E+00
9.48E+01	-9.30E+01	1.65E+02	1.22E-03	-1.37E+00
9.48E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.36E+00
9.48E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.37E+00
9.48E+01	-9.30E+01	1.65E+02	-3.91E-02	-1.37E+00
9.49E+01	-9.30E+01	1.65E+02	-2.32E-02	-1.37E+00
9.49E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.37E+00
9.49E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.36E+00
9.49E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.37E+00
9.49E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.35E+00
9.50E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.37E+00
9.50E+01	-9.30E+01	1.64E+02	-1.83E-02	-1.37E+00
9.50E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.36E+00
9.50E+01	-9.30E+01	1.64E+02	-2.32E-02	-1.36E+00
9.50E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.35E+00
9.51E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.35E+00
9.51E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.36E+00
9.51E+01	-9.30E+01	1.65E+02	-3.17E-02	-1.35E+00
9.51E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.34E+00
9.51E+01	-9.30E+01	1.65E+02	-4.15E-02	-1.34E+00
9.52E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.34E+00
9.52E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.34E+00
9.52E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.34E+00
9.52E+01	-9.30E+01	1.65E+02	-3.66E-02	-1.33E+00
9.52E+01	-9.30E+01	1.65E+02	-3.05E-02	-1.33E+00
9.53E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.32E+00
9.53E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.31E+00
9.53E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.32E+00
9.53E+01	-9.30E+01	1.65E+02	0.00E+00	-1.32E+00
9.53E+01	-9.30E+01	1.65E+02	-8.54E-03	-1.32E+00
9.54E+01	-9.30E+01	1.65E+02	-3.05E-02	-1.33E+00
9.54E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.32E+00
9.54E+01	-9.30E+01	1.65E+02	4.88E-03	-1.32E+00
9.54E+01	-9.30E+01	1.65E+02	-2.44E-03	-1.31E+00
9.54E+01	-9.30E+01	1.65E+02	-3.66E-03	-1.32E+00
9.55E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.31E+00
9.55E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.30E+00
9.55E+01	-9.30E+01	1.65E+02	0.00E+00	-1.31E+00
9.55E+01	-9.30E+01	1.65E+02	1.22E-02	-1.31E+00
9.55E+01	-9.30E+01	1.65E+02	-1.10E-02	-1.31E+00

9.56E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.29E+00
9.56E+01	-9.30E+01	1.66E+02	-8.54E-03	-1.30E+00
9.56E+01	-9.30E+01	1.65E+02	-1.59E-02	-1.29E+00
9.56E+01	-9.30E+01	1.66E+02	9.77E-03	-1.30E+00
9.56E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.30E+00
9.57E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.29E+00
9.57E+01	-9.30E+01	1.66E+02	-6.10E-03	-1.27E+00
9.57E+01	-9.30E+01	1.66E+02	-3.66E-03	-1.29E+00
9.57E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.29E+00
9.57E+01	-9.30E+01	1.66E+02	-1.22E-02	-1.29E+00
9.58E+01	-9.30E+01	1.66E+02	-6.10E-03	-1.28E+00
9.58E+01	-9.30E+01	1.66E+02	9.77E-03	-1.29E+00
9.58E+01	-9.30E+01	1.66E+02	-6.10E-03	-1.27E+00
9.58E+01	-9.30E+01	1.66E+02	0.00E+00	-1.28E+00
9.58E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.28E+00
9.59E+01	-9.30E+01	1.66E+02	-1.10E-02	-1.27E+00
9.59E+01	-9.30E+01	1.66E+02	3.66E-03	-1.27E+00
9.59E+01	-9.30E+01	1.66E+02	1.22E-02	-1.28E+00
9.59E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.27E+00
9.59E+01	-9.30E+01	1.66E+02	-2.56E-02	-1.27E+00
9.60E+01	-9.30E+01	1.66E+02	-7.32E-03	-1.26E+00
9.60E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.26E+00
9.60E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.26E+00
9.60E+01	-9.30E+01	1.66E+02	-7.32E-03	-1.26E+00
9.60E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.25E+00
9.61E+01	-9.30E+01	1.66E+02	-1.34E-02	-1.26E+00
9.61E+01	-9.30E+01	1.66E+02	-3.66E-03	-1.25E+00
9.61E+01	-9.30E+01	1.66E+02	-8.54E-03	-1.25E+00
9.61E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.26E+00
9.61E+01	-9.30E+01	1.66E+02	-5.62E-02	-1.25E+00
9.62E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.25E+00
9.62E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.25E+00
9.62E+01	-9.30E+01	1.66E+02	-1.22E-02	-1.24E+00
9.62E+01	-9.30E+01	1.66E+02	-3.66E-02	-1.25E+00
9.62E+01	-9.30E+01	1.66E+02	-3.91E-02	-1.24E+00
9.63E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.24E+00
9.63E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.25E+00
9.63E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.26E+00
9.63E+01	-9.30E+01	1.66E+02	-3.42E-02	-1.25E+00
9.63E+01	-9.30E+01	1.66E+02	-4.76E-02	-1.24E+00
9.64E+01	-9.30E+01	1.66E+02	-2.81E-02	-1.24E+00
9.64E+01	-9.30E+01	1.66E+02	-2.93E-02	-1.24E+00
9.64E+01	-9.30E+01	1.66E+02	-4.15E-02	-1.24E+00
9.64E+01	-9.30E+01	1.67E+02	-4.88E-02	-1.24E+00
9.64E+01	-9.30E+01	1.66E+02	-4.15E-02	-1.23E+00
9.65E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.23E+00
9.65E+01	-9.30E+01	1.66E+02	-2.56E-02	-1.24E+00

9.65E+01	-9.30E+01	1.66E+02	-3.30E-02	-1.23E+00
9.65E+01	-9.30E+01	1.67E+02	-1.59E-02	-1.23E+00
9.65E+01	-9.30E+01	1.66E+02	-3.78E-02	-1.24E+00
9.66E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.23E+00
9.66E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.23E+00
9.66E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.22E+00
9.66E+01	-9.30E+01	1.66E+02	-4.15E-02	-1.22E+00
9.66E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.23E+00
9.67E+01	-9.30E+01	1.66E+02	-2.32E-02	-1.21E+00
9.67E+01	-9.30E+01	1.66E+02	-3.42E-02	-1.20E+00
9.67E+01	-9.30E+01	1.66E+02	-2.93E-02	-1.21E+00
9.67E+01	-9.30E+01	1.66E+02	-4.64E-02	-1.21E+00
9.67E+01	-9.30E+01	1.67E+02	-1.59E-02	-1.20E+00
9.68E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.19E+00
9.68E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.18E+00
9.68E+01	-9.30E+01	1.66E+02	-7.32E-03	-1.18E+00
9.68E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.19E+00
9.68E+01	-9.30E+01	1.67E+02	-3.17E-02	-1.19E+00
9.69E+01	-9.30E+01	1.67E+02	-2.32E-02	-1.19E+00
9.69E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.19E+00
9.69E+01	-9.30E+01	1.67E+02	-4.15E-02	-1.20E+00
9.69E+01	-9.30E+01	1.66E+02	-2.93E-02	-1.19E+00
9.69E+01	-9.30E+01	1.66E+02	-2.32E-02	-1.18E+00
9.70E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.18E+00
9.70E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.18E+00
9.70E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.18E+00
9.70E+01	-9.30E+01	1.67E+02	-2.44E-02	-1.18E+00
9.70E+01	-9.30E+01	1.66E+02	-5.13E-02	-1.17E+00
9.71E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.18E+00
9.71E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.18E+00
9.71E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.18E+00
9.71E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.17E+00
9.71E+01	-9.30E+01	1.67E+02	1.22E-03	-1.17E+00
9.72E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.17E+00
9.72E+01	-9.30E+01	1.67E+02	-1.46E-02	-1.16E+00
9.72E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.17E+00
9.72E+01	-9.30E+01	1.67E+02	-3.66E-03	-1.16E+00
9.72E+01	-9.30E+01	1.67E+02	-1.46E-02	-1.16E+00
9.73E+01	-9.30E+01	1.66E+02	1.22E-02	-1.15E+00
9.73E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.15E+00
9.73E+01	-9.30E+01	1.67E+02	-1.34E-02	-1.15E+00
9.73E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.16E+00
9.73E+01	-9.30E+01	1.67E+02	-2.44E-02	-1.15E+00
9.74E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.14E+00
9.74E+01	-9.30E+01	1.67E+02	-6.10E-03	-1.14E+00
9.74E+01	-9.30E+01	1.66E+02	-2.32E-02	-1.15E+00
9.74E+01	-9.30E+01	1.67E+02	1.46E-02	-1.14E+00

9.74E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.15E+00
9.75E+01	-9.30E+01	1.66E+02	0.00E+00	-1.13E+00
9.75E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.14E+00
9.75E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.14E+00
9.75E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.14E+00
9.75E+01	-9.30E+01	1.66E+02	-2.44E-03	-1.14E+00
9.76E+01	-9.30E+01	1.67E+02	4.88E-03	-1.14E+00
9.76E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.11E+00
9.76E+01	-9.30E+01	1.67E+02	9.77E-03	-1.13E+00
9.76E+01	-9.30E+01	1.66E+02	-3.66E-03	-1.13E+00
9.76E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.13E+00
9.77E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.12E+00
9.77E+01	-9.30E+01	1.67E+02	1.10E-02	-1.11E+00
9.77E+01	-9.30E+01	1.67E+02	-2.44E-03	-1.12E+00
9.77E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.13E+00
9.77E+01	-9.30E+01	1.67E+02	-1.46E-02	-1.12E+00
9.78E+01	-9.30E+01	1.67E+02	-1.46E-02	-1.11E+00
9.78E+01	-9.30E+01	1.67E+02	9.77E-03	-1.11E+00
9.78E+01	-9.30E+01	1.67E+02	-3.66E-03	-1.11E+00
9.78E+01	-9.30E+01	1.67E+02	-1.46E-02	-1.12E+00
9.78E+01	-9.30E+01	1.67E+02	-3.05E-02	-1.13E+00
9.79E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.10E+00
9.79E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.10E+00
9.79E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.11E+00
9.79E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.11E+00
9.79E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.11E+00
9.80E+01	-9.30E+01	1.67E+02	-2.81E-02	-1.10E+00
9.80E+01	-9.30E+01	1.67E+02	-3.66E-02	-1.10E+00
9.80E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.11E+00
9.80E+01	-9.30E+01	1.67E+02	-3.66E-02	-1.11E+00
9.80E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.11E+00
9.81E+01	-9.30E+01	1.66E+02	-1.34E-02	-1.11E+00
9.81E+01	-9.30E+01	1.67E+02	-2.56E-02	-1.10E+00
9.81E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.09E+00
9.81E+01	-9.30E+01	1.67E+02	-3.30E-02	-1.09E+00
9.81E+01	-9.30E+01	1.67E+02	-2.32E-02	-1.10E+00
9.82E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.10E+00
9.82E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.10E+00
9.82E+01	-9.30E+01	1.67E+02	-2.69E-02	-1.10E+00
9.82E+01	-9.30E+01	1.67E+02	-2.32E-02	-1.09E+00
9.82E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.10E+00
9.83E+01	-9.30E+01	1.67E+02	-1.46E-02	-1.09E+00
9.83E+01	-9.30E+01	1.67E+02	-2.56E-02	-1.09E+00
9.83E+01	-9.30E+01	1.67E+02	-4.88E-02	-1.08E+00
9.83E+01	-9.30E+01	1.67E+02	-3.54E-02	-1.08E+00
9.83E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.09E+00
9.84E+01	-9.30E+01	1.67E+02	-2.69E-02	-1.07E+00

9.84E+01	-9.30E+01	1.67E+02	-3.66E-02	-1.07E+00
9.84E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.07E+00
9.84E+01	-9.30E+01	1.67E+02	-4.15E-02	-1.07E+00
9.84E+01	-9.30E+01	1.67E+02	-5.13E-02	-1.07E+00
9.85E+01	-9.30E+01	1.67E+02	-3.66E-03	-1.06E+00
9.85E+01	-9.30E+01	1.67E+02	-2.81E-02	-1.07E+00
9.85E+01	-9.30E+01	1.67E+02	-2.56E-02	-1.07E+00
9.85E+01	-9.30E+01	1.67E+02	-3.42E-02	-1.06E+00
9.85E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.06E+00
9.86E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.06E+00
9.86E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.06E+00
9.86E+01	-9.30E+01	1.67E+02	-3.66E-02	-1.04E+00
9.86E+01	-9.30E+01	1.67E+02	-3.66E-02	-1.05E+00
9.86E+01	-9.30E+01	1.67E+02	-3.17E-02	-1.05E+00
9.87E+01	-9.30E+01	1.67E+02	-2.69E-02	-1.04E+00
9.87E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.05E+00
9.87E+01	-9.30E+01	1.67E+02	-3.66E-02	-1.05E+00
9.87E+01	-9.30E+01	1.67E+02	-7.32E-02	-1.04E+00
9.87E+01	-9.30E+01	1.67E+02	-3.91E-02	-1.04E+00
9.88E+01	-9.30E+01	1.67E+02	-3.66E-02	-1.03E+00
9.88E+01	-9.30E+01	1.67E+02	-3.30E-02	-1.04E+00
9.88E+01	-9.30E+01	1.67E+02	-3.05E-02	-1.04E+00
9.88E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.03E+00
9.88E+01	-9.30E+01	1.67E+02	-3.42E-02	-1.03E+00
9.89E+01	-9.30E+01	1.67E+02	-6.71E-02	-1.02E+00
9.89E+01	-9.30E+01	1.67E+02	-2.32E-02	-1.01E+00
9.89E+01	-9.30E+01	1.67E+02	-2.81E-02	-1.02E+00
9.89E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.02E+00
9.89E+01	-9.30E+01	1.67E+02	-2.56E-02	-1.01E+00
9.90E+01	-9.30E+01	1.67E+02	-4.27E-02	-1.01E+00
9.90E+01	-9.30E+01	1.67E+02	7.32E-03	-1.01E+00
9.90E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.01E+00
9.90E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.02E+00
9.90E+01	-9.30E+01	1.67E+02	-3.91E-02	-1.01E+00
9.91E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.01E+00
9.91E+01	-9.30E+01	1.67E+02	-3.30E-02	-9.99E-01
9.91E+01	-9.30E+01	1.68E+02	-4.88E-03	-1.01E+00
9.91E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.00E+00
9.91E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.01E+00
9.92E+01	-9.30E+01	1.67E+02	-2.44E-03	-1.00E+00
9.92E+01	-9.30E+01	1.67E+02	-7.32E-03	-9.99E-01
9.92E+01	-9.30E+01	1.67E+02	7.32E-03	-9.97E-01
9.92E+01	-9.30E+01	1.67E+02	7.32E-03	-9.99E-01
9.92E+01	-9.30E+01	1.67E+02	1.95E-02	-9.95E-01
9.93E+01	-9.30E+01	1.67E+02	-1.22E-02	-9.93E-01
9.93E+01	-9.30E+01	1.67E+02	-1.10E-02	-9.84E-01
9.93E+01	-9.30E+01	1.67E+02	1.22E-03	-9.86E-01

9.93E+01	-9.30E+01	1.67E+02	-1.71E-02	-9.77E-01
9.93E+01	-9.30E+01	1.67E+02	-6.10E-03	-9.86E-01
9.94E+01	-9.30E+01	1.67E+02	-9.77E-03	-9.87E-01
9.94E+01	-9.30E+01	1.67E+02	7.32E-03	-9.78E-01
9.94E+01	-9.30E+01	1.67E+02	4.88E-03	-9.77E-01
9.94E+01	-9.30E+01	1.67E+02	-1.22E-02	-9.77E-01
9.94E+01	-9.30E+01	1.67E+02	2.44E-03	-9.86E-01
9.95E+01	-9.30E+01	1.67E+02	-2.08E-02	-9.81E-01
9.95E+01	-9.30E+01	1.67E+02	-7.32E-03	-9.79E-01
9.95E+01	-9.30E+01	1.67E+02	2.44E-03	-9.75E-01
9.95E+01	-9.30E+01	1.67E+02	7.32E-03	-9.73E-01
9.95E+01	-9.30E+01	1.67E+02	-1.95E-02	-9.65E-01
9.96E+01	-9.30E+01	1.67E+02	-2.44E-03	-9.74E-01
9.96E+01	-9.30E+01	1.67E+02	-1.22E-03	-9.55E-01
9.96E+01	-9.30E+01	1.67E+02	-3.66E-03	-9.70E-01
9.96E+01	-9.30E+01	1.67E+02	-4.88E-03	-9.71E-01
9.96E+01	-9.30E+01	1.67E+02	-9.77E-03	-9.69E-01
9.97E+01	-9.30E+01	1.67E+02	-1.34E-02	-9.69E-01
9.97E+01	-9.30E+01	1.67E+02	-2.93E-02	-9.55E-01
9.97E+01	-9.30E+01	1.67E+02	-9.77E-03	-9.58E-01
9.97E+01	-9.30E+01	1.67E+02	4.88E-03	-9.61E-01
9.97E+01	-9.30E+01	1.67E+02	-6.10E-03	-9.62E-01
9.98E+01	-9.30E+01	1.67E+02	-2.44E-02	-9.58E-01
9.98E+01	-9.30E+01	1.67E+02	-9.77E-03	-9.61E-01
9.98E+01	-9.30E+01	1.67E+02	-7.32E-03	-9.52E-01
9.98E+01	-9.30E+01	1.67E+02	-4.88E-03	-9.48E-01
9.98E+01	-9.30E+01	1.68E+02	-1.71E-02	-9.41E-01
9.99E+01	-9.30E+01	1.67E+02	-4.88E-03	-9.54E-01
9.99E+01	-9.30E+01	1.67E+02	-9.77E-03	-9.40E-01
9.99E+01	-9.30E+01	1.67E+02	-9.77E-03	-9.45E-01
9.99E+01	-9.30E+01	1.67E+02	-4.88E-03	-9.44E-01
9.99E+01	-9.30E+01	1.67E+02	-3.66E-03	-9.46E-01
1.00E+02	-9.30E+01	1.67E+02	-1.46E-02	-9.43E-01
1.00E+02	-9.30E+01	1.66E+02	-2.93E-02	-9.42E-01
1.00E+02	-9.30E+01	1.67E+02	-4.88E-03	-9.37E-01
1.00E+02	-9.30E+01	1.67E+02	2.44E-03	-9.32E-01
1.00E+02	-9.30E+01	1.67E+02	6.10E-03	-9.38E-01
1.00E+02	-9.30E+01	1.67E+02	-1.10E-02	-9.33E-01
1.00E+02	-9.30E+01	1.67E+02	-1.95E-02	-9.24E-01
1.00E+02	-9.30E+01	1.67E+02	-7.32E-03	-9.26E-01
1.00E+02	-9.30E+01	1.67E+02	-2.44E-03	-9.24E-01
1.00E+02	-9.30E+01	1.67E+02	1.22E-02	-9.14E-01
1.00E+02	-9.30E+01	1.67E+02	-9.77E-03	-9.27E-01
1.00E+02	-9.30E+01	1.67E+02	0.00E+00	-9.25E-01
1.00E+02	-9.30E+01	1.67E+02	-1.71E-02	-9.24E-01
1.00E+02	-9.30E+01	1.67E+02	-9.77E-03	-9.20E-01
1.00E+02	-9.30E+01	1.67E+02	-1.10E-02	-9.21E-01

1.00E+02	-9.30E+01	1.67E+02	-1.95E-02	-9.25E-01
1.00E+02	-9.30E+01	1.67E+02	-2.32E-02	-9.24E-01
1.00E+02	-9.30E+01	1.67E+02	-3.17E-02	-9.07E-01
1.00E+02	-9.30E+01	1.67E+02	-2.93E-02	-9.12E-01
1.00E+02	-9.30E+01	1.67E+02	-3.17E-02	-9.11E-01
1.00E+02	-9.30E+01	1.67E+02	-2.20E-02	-9.08E-01
1.00E+02	-9.30E+01	1.67E+02	-1.46E-02	-9.09E-01
1.00E+02	-9.30E+01	1.67E+02	-5.49E-02	-8.96E-01
1.00E+02	-9.30E+01	1.67E+02	-4.39E-02	-8.99E-01
1.00E+02	-9.30E+01	1.67E+02	-4.15E-02	-8.82E-01
1.00E+02	-9.30E+01	1.67E+02	-1.71E-02	-8.94E-01
1.00E+02	-9.30E+01	1.67E+02	-2.93E-02	-8.98E-01
1.01E+02	-9.30E+01	1.68E+02	-1.95E-02	-8.90E-01
1.01E+02	-9.30E+01	1.67E+02	-3.42E-02	-8.85E-01
1.01E+02	-9.30E+01	1.67E+02	-3.42E-02	-8.79E-01
1.01E+02	-9.30E+01	1.67E+02	-2.32E-02	-8.92E-01
1.01E+02	-9.30E+01	1.67E+02	-3.91E-02	-8.82E-01
1.01E+02	-9.30E+01	1.68E+02	-2.08E-02	-8.76E-01
1.01E+02	-9.30E+01	1.67E+02	-1.71E-02	-8.76E-01
1.01E+02	-9.30E+01	1.67E+02	-9.77E-03	-8.69E-01
1.01E+02	-9.30E+01	1.67E+02	-2.93E-02	-8.69E-01
1.01E+02	-9.30E+01	1.67E+02	-9.77E-03	-8.71E-01
1.01E+02	-9.30E+01	1.67E+02	6.10E-03	-8.76E-01
1.01E+02	-9.30E+01	1.67E+02	-2.20E-02	-8.69E-01
1.01E+02	-9.30E+01	1.67E+02	-2.44E-02	-8.73E-01
1.01E+02	-9.30E+01	1.67E+02	-1.34E-02	-8.62E-01
1.01E+02	-9.30E+01	1.67E+02	-1.46E-02	-8.63E-01
1.01E+02	-9.30E+01	1.67E+02	2.44E-03	-8.63E-01
1.01E+02	-9.30E+01	1.67E+02	-2.56E-02	-8.64E-01
1.01E+02	-9.30E+01	1.67E+02	-4.03E-02	-8.63E-01
1.01E+02	-9.30E+01	1.67E+02	-1.71E-02	-8.60E-01
1.01E+02	-9.30E+01	1.67E+02	-2.32E-02	-8.53E-01
1.01E+02	-9.30E+01	1.67E+02	-3.66E-03	-8.46E-01
1.01E+02	-9.30E+01	1.67E+02	-1.71E-02	-8.54E-01
1.01E+02	-9.30E+01	1.67E+02	-9.77E-03	-8.44E-01
1.01E+02	-9.30E+01	1.67E+02	-9.77E-03	-8.45E-01
1.01E+02	-9.30E+01	1.67E+02	-1.46E-02	-8.45E-01
1.01E+02	-9.30E+01	1.67E+02	1.71E-02	-8.57E-01
1.01E+02	-9.30E+01	1.67E+02	-4.88E-03	-8.44E-01
1.01E+02	-9.30E+01	1.67E+02	-2.69E-02	-8.48E-01
1.01E+02	-9.30E+01	1.67E+02	-9.77E-03	-8.33E-01
1.01E+02	-9.30E+01	1.67E+02	0.00E+00	-8.35E-01
1.01E+02	-9.30E+01	1.67E+02	-1.34E-02	-8.45E-01
1.01E+02	-9.30E+01	1.67E+02	1.22E-03	-8.35E-01
1.01E+02	-9.30E+01	1.67E+02	1.71E-02	-8.34E-01
1.01E+02	-9.30E+01	1.67E+02	-7.32E-03	-8.27E-01
1.01E+02	-9.30E+01	1.67E+02	-1.34E-02	-8.23E-01

1.01E+02	-9.30E+01	1.67E+02	-1.46E-02	-8.37E-01
1.01E+02	-9.30E+01	1.67E+02	-2.44E-02	-8.26E-01
1.01E+02	-9.30E+01	1.67E+02	-1.46E-02	-8.20E-01
1.01E+02	-9.30E+01	1.67E+02	-7.32E-03	-8.14E-01
1.01E+02	-9.30E+01	1.67E+02	1.22E-02	-8.23E-01
1.01E+02	-9.30E+01	1.67E+02	1.83E-02	-8.15E-01
1.01E+02	-9.30E+01	1.67E+02	-2.44E-03	-8.20E-01
1.01E+02	-9.30E+01	1.67E+02	-8.54E-03	-8.03E-01
1.01E+02	-9.30E+01	1.67E+02	-2.44E-03	-8.11E-01
1.01E+02	-9.30E+01	1.67E+02	-1.59E-02	-8.00E-01
1.01E+02	-9.30E+01	1.67E+02	-2.44E-03	-8.13E-01
1.01E+02	-9.30E+01	1.67E+02	-4.88E-03	-8.15E-01
1.01E+02	-9.30E+01	1.67E+02	7.32E-03	-8.08E-01
1.01E+02	-9.30E+01	1.67E+02	-9.77E-03	-8.01E-01
1.01E+02	-9.30E+01	1.67E+02	-3.54E-02	-8.03E-01
1.02E+02	-9.30E+01	1.67E+02	-2.44E-03	-8.19E-01
1.02E+02	-9.30E+01	1.67E+02	-3.66E-03	-8.05E-01
1.02E+02	-9.30E+01	1.67E+02	-3.66E-03	-8.00E-01
1.02E+02	-9.30E+01	1.67E+02	-1.10E-02	-7.95E-01
1.02E+02	-9.30E+01	1.67E+02	0.00E+00	-7.93E-01
1.02E+02	-9.30E+01	1.67E+02	6.10E-03	-7.98E-01
1.02E+02	-9.30E+01	1.67E+02	2.44E-03	-8.00E-01
1.02E+02	-9.30E+01	1.66E+02	-2.44E-02	-7.92E-01
1.02E+02	-9.30E+01	1.67E+02	-7.32E-03	-7.90E-01
1.02E+02	-9.30E+01	1.67E+02	2.44E-03	-7.86E-01
1.02E+02	-9.30E+01	1.67E+02	0.00E+00	-7.92E-01
1.02E+02	-9.30E+01	1.66E+02	-4.88E-03	-7.96E-01
1.02E+02	-9.30E+01	1.66E+02	-7.32E-03	-7.92E-01
1.02E+02	-9.30E+01	1.67E+02	-9.77E-03	-7.92E-01
1.02E+02	-9.30E+01	1.67E+02	1.46E-02	-7.78E-01
1.02E+02	-9.30E+01	1.67E+02	2.44E-03	-7.68E-01
1.02E+02	-9.30E+01	1.66E+02	4.88E-03	-7.82E-01
1.02E+02	-9.30E+01	1.67E+02	-8.54E-03	-7.77E-01
1.02E+02	-9.30E+01	1.67E+02	-1.10E-02	-7.66E-01
1.02E+02	-9.30E+01	1.66E+02	-4.88E-03	-7.67E-01
1.02E+02	-9.30E+01	1.67E+02	4.88E-03	-7.72E-01
1.02E+02	-9.30E+01	1.67E+02	-8.54E-03	-7.70E-01
1.02E+02	-9.30E+01	1.67E+02	-2.44E-02	-7.60E-01
1.02E+02	-9.30E+01	1.67E+02	-3.66E-03	-7.61E-01
1.02E+02	-9.30E+01	1.67E+02	-8.54E-03	-7.70E-01
1.02E+02	-9.30E+01	1.67E+02	-3.66E-03	-7.63E-01
1.02E+02	-9.30E+01	1.67E+02	-7.32E-03	-7.61E-01
1.02E+02	-9.30E+01	1.67E+02	-7.32E-03	-7.56E-01
1.02E+02	-9.30E+01	1.66E+02	-9.77E-03	-7.53E-01
1.02E+02	-9.30E+01	1.66E+02	-2.20E-02	-7.64E-01
1.02E+02	-9.30E+01	1.66E+02	-1.71E-02	-7.53E-01
1.02E+02	-9.30E+01	1.67E+02	-2.20E-02	-7.48E-01

1.02E+02	-9.30E+01	1.66E+02	-2.08E-02	-7.49E-01
1.02E+02	-9.30E+01	1.66E+02	-1.22E-02	-7.46E-01
1.02E+02	-9.30E+01	1.66E+02	-2.32E-02	-7.50E-01
1.02E+02	-9.30E+01	1.66E+02	-2.44E-02	-7.46E-01
1.02E+02	-9.30E+01	1.66E+02	-4.39E-02	-7.45E-01
1.02E+02	-9.30E+01	1.66E+02	-3.91E-02	-7.45E-01
1.02E+02	-9.30E+01	1.66E+02	-3.66E-02	-7.48E-01
1.02E+02	-9.30E+01	1.66E+02	-3.42E-02	-7.44E-01
1.02E+02	-9.30E+01	1.66E+02	-3.42E-02	-7.46E-01
1.02E+02	-9.30E+01	1.66E+02	-4.15E-02	-7.43E-01
1.02E+02	-9.30E+01	1.66E+02	-4.88E-03	-7.41E-01
1.02E+02	-9.30E+01	1.66E+02	-2.93E-02	-7.42E-01
1.02E+02	-9.30E+01	1.66E+02	-4.15E-02	-7.44E-01
1.02E+02	-9.30E+01	1.66E+02	-2.69E-02	-7.26E-01
1.02E+02	-9.30E+01	1.66E+02	-1.22E-02	-7.39E-01
1.02E+02	-9.30E+01	1.65E+02	-1.34E-02	-7.35E-01
1.02E+02	-9.30E+01	1.66E+02	-2.93E-02	-7.39E-01
1.02E+02	-9.30E+01	1.66E+02	-3.78E-02	-7.39E-01
1.03E+02	-9.30E+01	1.66E+02	-4.64E-02	-7.25E-01
1.03E+02	-9.30E+01	1.65E+02	-2.44E-02	-7.29E-01
1.03E+02	-9.30E+01	1.65E+02	-2.81E-02	-7.17E-01
1.03E+02	-9.30E+01	1.66E+02	-1.95E-02	-7.25E-01
1.03E+02	-9.30E+01	1.66E+02	-3.17E-02	-7.31E-01
1.03E+02	-9.30E+01	1.65E+02	-3.42E-02	-7.23E-01
1.03E+02	-9.30E+01	1.65E+02	-2.69E-02	-7.17E-01
1.03E+02	-9.30E+01	1.66E+02	-1.22E-03	-7.21E-01
1.03E+02	-9.30E+01	1.65E+02	-1.83E-02	-7.23E-01
1.03E+02	-9.30E+01	1.65E+02	-2.81E-02	-7.05E-01
1.03E+02	-9.30E+01	1.65E+02	-1.10E-02	-7.05E-01
1.03E+02	-9.30E+01	1.65E+02	4.88E-03	-7.11E-01
1.03E+02	-9.30E+01	1.65E+02	-7.32E-03	-7.12E-01
1.03E+02	-9.30E+01	1.65E+02	-9.77E-03	-7.15E-01
1.03E+02	-9.30E+01	1.65E+02	-2.08E-02	-7.08E-01
1.03E+02	-9.30E+01	1.65E+02	-2.32E-02	-7.06E-01
1.03E+02	-9.30E+01	1.65E+02	-2.44E-02	-7.03E-01
1.03E+02	-9.30E+01	1.65E+02	-2.69E-02	-7.18E-01
1.03E+02	-9.30E+01	1.65E+02	-1.46E-02	-7.05E-01
1.03E+02	-9.30E+01	1.65E+02	-1.22E-02	-6.91E-01
1.03E+02	-9.30E+01	1.65E+02	-1.71E-02	-6.97E-01
1.03E+02	-9.30E+01	1.65E+02	4.88E-03	-6.92E-01
1.03E+02	-9.30E+01	1.64E+02	0.00E+00	-6.92E-01
1.03E+02	-9.30E+01	1.64E+02	-1.22E-02	-6.89E-01
1.03E+02	-9.30E+01	1.65E+02	-3.66E-02	-6.91E-01
1.03E+02	-9.30E+01	1.65E+02	-9.77E-03	-6.85E-01
1.03E+02	-9.30E+01	1.65E+02	7.32E-03	-6.83E-01
1.03E+02	-9.30E+01	1.64E+02	2.44E-03	-6.86E-01
1.03E+02	-9.30E+01	1.65E+02	-3.66E-03	-6.84E-01

1.03E+02	-9.30E+01	1.64E+02	-1.34E-02	-6.85E-01
1.03E+02	-9.30E+01	1.64E+02	-7.32E-03	-6.80E-01
1.03E+02	-9.30E+01	1.64E+02	-3.42E-02	-6.76E-01
1.03E+02	-9.30E+01	1.64E+02	-1.22E-02	-6.78E-01
1.03E+02	-9.30E+01	1.64E+02	-1.10E-02	-6.79E-01
1.03E+02	-9.30E+01	1.64E+02	-7.32E-03	-6.76E-01
1.03E+02	-9.30E+01	1.64E+02	-1.22E-02	-6.70E-01
1.03E+02	-9.30E+01	1.64E+02	4.88E-03	-6.68E-01
1.03E+02	-9.30E+01	1.64E+02	-4.88E-03	-6.70E-01
1.03E+02	-9.30E+01	1.64E+02	-1.46E-02	-6.70E-01
1.03E+02	-9.30E+01	1.64E+02	-1.22E-02	-6.64E-01
1.03E+02	-9.30E+01	1.64E+02	-1.46E-02	-6.62E-01
1.03E+02	-9.30E+01	1.64E+02	2.08E-02	-6.66E-01
1.03E+02	-9.30E+01	1.64E+02	-9.77E-03	-6.69E-01
1.03E+02	-9.30E+01	1.64E+02	-6.10E-03	-6.68E-01
1.03E+02	-9.30E+01	1.63E+02	-2.44E-02	-6.61E-01
1.03E+02	-9.30E+01	1.64E+02	-1.95E-02	-6.57E-01
1.03E+02	-9.30E+01	1.63E+02	7.32E-03	-6.58E-01
1.03E+02	-9.30E+01	1.64E+02	-7.32E-03	-6.50E-01
1.03E+02	-9.30E+01	1.64E+02	-2.81E-02	-6.58E-01
1.03E+02	-9.30E+01	1.63E+02	-1.95E-02	-6.44E-01
1.04E+02	-9.30E+01	1.63E+02	-3.30E-02	-6.48E-01
1.04E+02	-9.30E+01	1.63E+02	-4.27E-02	-6.34E-01
1.04E+02	-9.30E+01	1.63E+02	-2.56E-02	-6.42E-01
1.04E+02	-9.30E+01	1.64E+02	-2.44E-02	-6.50E-01
1.04E+02	-9.30E+01	1.63E+02	-6.10E-03	-6.46E-01
1.04E+02	-9.30E+01	1.63E+02	-3.42E-02	-6.42E-01
1.04E+02	-9.30E+01	1.64E+02	-3.66E-02	-6.47E-01
1.04E+02	-9.30E+01	1.63E+02	-1.22E-02	-6.47E-01
1.04E+02	-9.30E+01	1.63E+02	-2.44E-02	-6.41E-01
1.04E+02	-9.30E+01	1.63E+02	-2.69E-02	-6.49E-01
1.04E+02	-9.30E+01	1.63E+02	-3.17E-02	-6.24E-01
1.04E+02	-9.30E+01	1.63E+02	-3.91E-02	-6.28E-01
1.04E+02	-9.30E+01	1.63E+02	-2.69E-02	-6.24E-01
1.04E+02	-9.30E+01	1.63E+02	-4.64E-02	-6.26E-01
1.04E+02	-9.30E+01	1.63E+02	-9.77E-03	-6.36E-01
1.04E+02	-9.30E+01	1.63E+02	-3.66E-02	-6.23E-01
1.04E+02	-9.30E+01	1.63E+02	-1.95E-02	-6.16E-01
1.04E+02	-9.30E+01	1.63E+02	-1.95E-02	-6.20E-01
1.04E+02	-9.30E+01	1.63E+02	-1.46E-02	-6.21E-01
1.04E+02	-9.30E+01	1.63E+02	-2.93E-02	-6.19E-01
1.04E+02	-9.30E+01	1.63E+02	-2.69E-02	-6.19E-01
1.04E+02	-9.30E+01	1.63E+02	-4.88E-02	-6.11E-01
1.04E+02	-9.30E+01	1.62E+02	-1.95E-02	-6.07E-01
1.04E+02	-9.30E+01	1.63E+02	-1.83E-02	-6.13E-01
1.04E+02	-9.30E+01	1.63E+02	-3.17E-02	-6.19E-01
1.04E+02	-9.30E+01	1.63E+02	-5.13E-02	-5.96E-01

1.04E+02	-9.30E+01	1.62E+02	-3.91E-02	-5.94E-01
1.04E+02	-9.30E+01	1.62E+02	-3.78E-02	-5.91E-01
1.04E+02	-9.30E+01	1.63E+02	-8.54E-03	-5.90E-01
1.04E+02	-9.30E+01	1.63E+02	-2.93E-02	-5.96E-01
1.04E+02	-9.30E+01	1.63E+02	-3.42E-02	-5.87E-01
1.04E+02	-9.30E+01	1.62E+02	-1.46E-02	-5.92E-01
1.04E+02	-9.30E+01	1.62E+02	-4.03E-02	-5.82E-01
1.04E+02	-9.30E+01	1.63E+02	-3.54E-02	-5.77E-01
1.04E+02	-9.30E+01	1.62E+02	-3.17E-02	-5.85E-01
1.04E+02	-9.30E+01	1.62E+02	-3.17E-02	-5.82E-01
1.04E+02	-9.30E+01	1.62E+02	-3.91E-02	-5.78E-01
1.04E+02	-9.30E+01	1.63E+02	-3.05E-02	-5.80E-01
1.04E+02	-9.30E+01	1.62E+02	-2.69E-02	-5.74E-01
1.04E+02	-9.30E+01	1.62E+02	-2.69E-02	-5.78E-01
1.04E+02	-9.30E+01	1.62E+02	-2.08E-02	-5.70E-01
1.04E+02	-9.30E+01	1.63E+02	-3.42E-02	-5.63E-01
1.04E+02	-9.30E+01	1.62E+02	-1.46E-02	-5.65E-01
1.04E+02	-9.30E+01	1.62E+02	-2.44E-02	-5.68E-01
1.04E+02	-9.30E+01	1.62E+02	-1.95E-02	-5.66E-01
1.04E+02	-9.30E+01	1.62E+02	-2.69E-02	-5.60E-01
1.04E+02	-9.30E+01	1.62E+02	-3.17E-02	-5.61E-01
1.04E+02	-9.30E+01	1.62E+02	-1.10E-02	-5.57E-01
1.04E+02	-9.30E+01	1.62E+02	-2.44E-03	-5.59E-01
1.04E+02	-9.30E+01	1.62E+02	-1.71E-02	-5.56E-01
1.05E+02	-9.30E+01	1.62E+02	-2.69E-02	-5.56E-01
1.05E+02	-9.30E+01	1.62E+02	-2.69E-02	-5.52E-01
1.05E+02	-9.30E+01	1.62E+02	-2.44E-02	-5.46E-01
1.05E+02	-9.30E+01	1.62E+02	-1.46E-02	-5.42E-01
1.05E+02	-9.30E+01	1.62E+02	-1.22E-02	-5.37E-01
1.05E+02	-9.30E+01	1.62E+02	-1.95E-02	-5.46E-01
1.05E+02	-9.30E+01	1.62E+02	-7.32E-03	-5.41E-01
1.05E+02	-9.30E+01	1.62E+02	1.22E-02	-5.54E-01
1.05E+02	-9.30E+01	1.62E+02	-1.22E-02	-5.52E-01
1.05E+02	-9.30E+01	1.61E+02	-1.83E-02	-5.35E-01
1.05E+02	-9.30E+01	1.61E+02	0.00E+00	-5.32E-01
1.05E+02	-9.30E+01	1.62E+02	9.77E-03	-5.46E-01
1.05E+02	-9.30E+01	1.62E+02	-4.88E-03	-5.39E-01
1.05E+02	-9.30E+01	1.61E+02	-1.22E-02	-5.34E-01
1.05E+02	-9.30E+01	1.61E+02	-2.44E-02	-5.28E-01
1.05E+02	-9.30E+01	1.61E+02	-3.42E-02	-5.24E-01
1.05E+02	-9.30E+01	1.62E+02	4.88E-03	-5.35E-01
1.05E+02	-9.30E+01	1.61E+02	-1.22E-02	-5.52E-01
1.05E+02	-9.30E+01	1.61E+02	-1.46E-02	-5.38E-01
1.05E+02	-9.30E+01	1.61E+02	-8.54E-03	-5.38E-01
1.05E+02	-9.30E+01	1.62E+02	-2.20E-02	-5.30E-01
1.05E+02	-9.30E+01	1.61E+02	-1.46E-02	-5.35E-01
1.05E+02	-9.30E+01	1.61E+02	-2.44E-02	-5.31E-01

1.05E+02	-9.30E+01	1.61E+02	-2.20E-02	-5.27E-01
1.05E+02	-9.30E+01	1.61E+02	-3.42E-02	-5.16E-01
1.05E+02	-9.30E+01	1.61E+02	-1.71E-02	-5.07E-01
1.05E+02	-9.30E+01	1.61E+02	-1.46E-02	-5.18E-01
1.05E+02	-9.30E+01	1.61E+02	-1.59E-02	-5.30E-01
1.05E+02	-9.30E+01	1.61E+02	-1.22E-03	-5.24E-01
1.05E+02	-9.30E+01	1.61E+02	-2.20E-02	-5.11E-01
1.05E+02	-9.30E+01	1.61E+02	-9.77E-03	-5.12E-01
1.05E+02	-9.30E+01	1.61E+02	0.00E+00	-5.12E-01
1.05E+02	-9.30E+01	1.61E+02	-3.78E-02	-4.97E-01
1.05E+02	-9.30E+01	1.61E+02	-9.77E-03	-5.02E-01
1.05E+02	-9.30E+01	1.61E+02	3.66E-03	-5.10E-01
1.05E+02	-9.30E+01	1.61E+02	-1.22E-03	-4.98E-01
1.05E+02	-9.30E+01	1.61E+02	1.71E-02	-4.90E-01
1.05E+02	-9.30E+01	1.61E+02	-2.44E-03	-4.97E-01
1.05E+02	-9.30E+01	1.61E+02	-2.44E-03	-4.90E-01
1.05E+02	-9.30E+01	1.60E+02	-2.93E-02	-4.90E-01
1.05E+02	-9.30E+01	1.61E+02	0.00E+00	-4.98E-01
1.05E+02	-9.30E+01	1.61E+02	-6.10E-03	-4.93E-01
1.05E+02	-9.30E+01	1.60E+02	-4.88E-03	-4.93E-01
1.05E+02	-9.30E+01	1.60E+02	-2.20E-02	-4.85E-01
1.05E+02	-9.30E+01	1.60E+02	-1.46E-02	-4.77E-01
1.05E+02	-9.30E+01	1.60E+02	-1.22E-02	-4.91E-01
1.05E+02	-9.30E+01	1.60E+02	-1.71E-02	-4.90E-01
1.05E+02	-9.30E+01	1.60E+02	-1.95E-02	-4.86E-01
1.05E+02	-9.30E+01	1.60E+02	-2.20E-02	-4.91E-01
1.05E+02	-9.30E+01	1.60E+02	-2.44E-02	-4.84E-01
1.06E+02	-9.30E+01	1.60E+02	-2.81E-02	-4.79E-01
1.06E+02	-9.30E+01	1.60E+02	-3.30E-02	-4.74E-01
1.06E+02	-9.30E+01	1.59E+02	-2.93E-02	-4.77E-01
1.06E+02	-9.30E+01	1.60E+02	-1.46E-02	-4.71E-01
1.06E+02	-9.30E+01	1.59E+02	-3.17E-02	-4.76E-01
1.06E+02	-9.30E+01	1.59E+02	-3.66E-02	-4.73E-01
1.06E+02	-9.30E+01	1.59E+02	-9.77E-03	-4.69E-01
1.06E+02	-9.30E+01	1.59E+02	-2.08E-02	-4.75E-01
1.06E+02	-9.30E+01	1.59E+02	0.00E+00	-4.73E-01
1.06E+02	-9.30E+01	1.59E+02	-3.17E-02	-4.64E-01
1.06E+02	-9.30E+01	1.59E+02	-1.46E-02	-4.60E-01
1.06E+02	-9.30E+01	1.59E+02	-2.08E-02	-4.70E-01
1.06E+02	-9.30E+01	1.59E+02	-1.83E-02	-4.59E-01
1.06E+02	-9.30E+01	1.58E+02	-2.69E-02	-4.61E-01
1.06E+02	-9.30E+01	1.58E+02	-2.44E-02	-4.57E-01
1.06E+02	-9.30E+01	1.58E+02	-2.93E-02	-4.48E-01
1.06E+02	-9.30E+01	1.58E+02	-2.44E-03	-4.48E-01
1.06E+02	-9.30E+01	1.58E+02	-2.44E-02	-4.47E-01
1.06E+02	-9.30E+01	1.58E+02	-4.76E-02	-4.45E-01
1.06E+02	-9.30E+01	1.58E+02	-2.32E-02	-4.45E-01

1.06E+02	-9.30E+01	1.58E+02	-2.69E-02	-4.47E-01
1.06E+02	-9.30E+01	1.58E+02	-3.42E-02	-4.35E-01
1.06E+02	-9.30E+01	1.57E+02	-2.20E-02	-4.42E-01
1.06E+02	-9.30E+01	1.58E+02	-2.20E-02	-4.33E-01
1.06E+02	-9.30E+01	1.57E+02	-2.81E-02	-4.30E-01
1.06E+02	-9.30E+01	1.58E+02	-4.64E-02	-4.32E-01
1.06E+02	-9.30E+01	1.57E+02	-3.42E-02	-4.31E-01
1.06E+02	-9.30E+01	1.57E+02	-2.32E-02	-4.32E-01
1.06E+02	-9.30E+01	1.57E+02	-2.93E-02	-4.40E-01
1.06E+02	-9.30E+01	1.57E+02	-3.91E-02	-4.29E-01
1.06E+02	-9.30E+01	1.57E+02	-3.66E-02	-4.23E-01
1.06E+02	-9.30E+01	1.57E+02	-3.66E-02	-4.20E-01
1.06E+02	-9.30E+01	1.57E+02	-2.20E-02	-4.16E-01
1.06E+02	-9.30E+01	1.57E+02	-2.44E-02	-4.15E-01
1.06E+02	-9.30E+01	1.57E+02	-2.20E-02	-4.15E-01
1.06E+02	-9.30E+01	1.56E+02	-1.71E-02	-4.13E-01
1.06E+02	-9.30E+01	1.57E+02	-3.91E-02	-4.08E-01
1.06E+02	-9.30E+01	1.57E+02	-3.54E-02	-4.01E-01
1.06E+02	-9.30E+01	1.57E+02	-1.83E-02	-4.05E-01
1.06E+02	-9.30E+01	1.56E+02	-2.44E-02	-4.06E-01
1.06E+02	-9.30E+01	1.56E+02	-1.46E-02	-4.01E-01
1.06E+02	-9.30E+01	1.57E+02	-1.59E-02	-4.01E-01
1.06E+02	-9.30E+01	1.56E+02	-3.66E-02	-3.94E-01
1.06E+02	-9.30E+01	1.56E+02	-1.34E-02	-3.90E-01
1.06E+02	-9.30E+01	1.56E+02	2.44E-03	-3.97E-01
1.06E+02	-9.30E+01	1.56E+02	-9.77E-03	-4.10E-01
1.06E+02	-9.30E+01	1.56E+02	-2.93E-02	-3.88E-01
1.06E+02	-9.30E+01	1.56E+02	-1.22E-02	-3.86E-01
1.06E+02	-9.30E+01	1.56E+02	-2.44E-03	-3.83E-01
1.06E+02	-9.30E+01	1.56E+02	0.00E+00	-3.84E-01
1.07E+02	-9.30E+01	1.56E+02	4.88E-03	-3.89E-01
1.07E+02	-9.30E+01	1.56E+02	1.22E-02	-3.90E-01
1.07E+02	-9.30E+01	1.55E+02	-2.93E-02	-3.83E-01
1.07E+02	-9.30E+01	1.56E+02	-2.44E-03	-3.77E-01
1.07E+02	-9.30E+01	1.56E+02	2.44E-03	-3.82E-01
1.07E+02	-9.30E+01	1.55E+02	9.77E-03	-3.78E-01
1.07E+02	-9.30E+01	1.55E+02	-7.32E-03	-3.84E-01
1.07E+02	-9.30E+01	1.56E+02	-9.77E-03	-3.80E-01
1.07E+02	-9.30E+01	1.55E+02	-7.32E-03	-3.79E-01
1.07E+02	-9.30E+01	1.55E+02	8.54E-03	-3.74E-01
1.07E+02	-9.30E+01	1.55E+02	-2.44E-03	-3.75E-01
1.07E+02	-9.30E+01	1.55E+02	-1.22E-03	-3.81E-01
1.07E+02	-9.30E+01	1.55E+02	-9.77E-03	-3.86E-01
1.07E+02	-9.30E+01	1.55E+02	-1.95E-02	-3.75E-01
1.07E+02	-9.30E+01	1.55E+02	-4.88E-03	-3.71E-01
1.07E+02	-9.30E+01	1.55E+02	1.46E-02	-3.67E-01
1.07E+02	-9.30E+01	1.55E+02	2.44E-03	-3.63E-01

1.07E+02	-9.30E+01	1.55E+02	-7.32E-03	-3.60E-01
1.07E+02	-9.30E+01	1.56E+02	1.46E-02	-3.49E-01
1.07E+02	-9.30E+01	1.56E+02	-2.32E-02	-3.54E-01
1.07E+02	-9.30E+01	1.55E+02	4.88E-03	-3.58E-01
1.07E+02	-9.30E+01	1.55E+02	-2.44E-03	-3.65E-01
1.07E+02	-9.30E+01	1.55E+02	-7.32E-03	-3.55E-01
1.07E+02	-9.30E+01	1.56E+02	-1.46E-02	-3.43E-01
1.07E+02	-9.30E+01	1.56E+02	3.66E-03	-3.47E-01
1.07E+02	-9.30E+01	1.55E+02	8.54E-03	-3.42E-01
1.07E+02	-9.30E+01	1.54E+02	-9.77E-03	-3.45E-01
1.07E+02	-9.30E+01	1.55E+02	-7.32E-03	-3.39E-01
1.07E+02	-9.30E+01	1.56E+02	1.34E-02	-3.41E-01
1.07E+02	-9.30E+01	1.56E+02	-2.44E-03	-3.48E-01
1.07E+02	-9.30E+01	1.55E+02	-1.34E-02	-3.38E-01
1.07E+02	-9.30E+01	1.56E+02	4.88E-03	-3.41E-01
1.07E+02	-9.30E+01	1.57E+02	-7.32E-03	-3.36E-01
1.07E+02	-9.30E+01	1.57E+02	0.00E+00	-3.27E-01
1.07E+02	-9.30E+01	1.56E+02	3.66E-03	-3.28E-01
1.07E+02	-9.30E+01	1.56E+02	-1.22E-03	-3.30E-01
1.07E+02	-9.30E+01	1.57E+02	1.46E-02	-3.39E-01
1.07E+02	-9.30E+01	1.57E+02	-8.54E-03	-3.31E-01
1.07E+02	-9.30E+01	1.57E+02	-1.95E-02	-3.38E-01
1.07E+02	-9.30E+01	1.56E+02	-1.10E-02	-3.28E-01
1.07E+02	-9.30E+01	1.57E+02	3.66E-03	-3.23E-01
1.07E+02	-9.30E+01	1.56E+02	-1.22E-03	-3.28E-01
1.07E+02	-9.30E+01	1.57E+02	-1.34E-02	-3.21E-01
1.07E+02	-9.30E+01	1.56E+02	-1.71E-02	-3.16E-01
1.07E+02	-9.30E+01	1.57E+02	-4.88E-03	-3.14E-01
1.07E+02	-9.30E+01	1.57E+02	1.22E-03	-3.11E-01
1.07E+02	-9.30E+01	1.58E+02	3.66E-03	-3.05E-01
1.07E+02	-9.30E+01	1.57E+02	-8.54E-03	-3.22E-01
1.07E+02	-9.30E+01	1.57E+02	-1.22E-02	-3.12E-01
1.07E+02	-9.30E+01	1.57E+02	-1.46E-02	-3.10E-01
1.08E+02	-9.30E+01	1.58E+02	-1.22E-03	-3.15E-01
1.08E+02	-9.30E+01	1.58E+02	-2.93E-02	-3.12E-01
1.08E+02	-9.30E+01	1.57E+02	-1.83E-02	-3.14E-01
1.08E+02	-9.30E+01	1.58E+02	-3.66E-03	-3.17E-01
1.08E+02	-9.30E+01	1.58E+02	-1.46E-02	-3.07E-01
1.08E+02	-9.30E+01	1.58E+02	0.00E+00	-3.16E-01
1.08E+02	-9.30E+01	1.58E+02	-4.88E-03	-3.07E-01
1.08E+02	-9.30E+01	1.58E+02	-1.95E-02	-3.07E-01
1.08E+02	-9.30E+01	1.58E+02	2.44E-03	-2.98E-01
1.08E+02	-9.30E+01	1.58E+02	-1.71E-02	-2.94E-01
1.08E+02	-9.30E+01	1.58E+02	0.00E+00	-3.04E-01
1.08E+02	-9.30E+01	1.58E+02	-8.54E-03	-2.80E-01
1.08E+02	-9.30E+01	1.58E+02	-2.44E-03	-2.95E-01
1.08E+02	-9.30E+01	1.59E+02	-7.32E-03	-2.89E-01

1.08E+02	-9.30E+01	1.59E+02	3.66E-03	-2.85E-01
1.08E+02	-9.30E+01	1.59E+02	7.32E-03	-2.87E-01
1.08E+02	-9.30E+01	1.59E+02	4.88E-03	-2.83E-01
1.08E+02	-9.30E+01	1.59E+02	-2.08E-02	-2.77E-01
1.08E+02	-9.30E+01	1.59E+02	-2.20E-02	-2.66E-01
1.08E+02	-9.30E+01	1.59E+02	-7.32E-03	-2.76E-01
1.08E+02	-9.30E+01	1.59E+02	-9.77E-03	-2.72E-01
1.08E+02	-9.30E+01	1.59E+02	1.10E-02	-2.73E-01
1.08E+02	-9.30E+01	1.59E+02	0.00E+00	-2.60E-01
1.08E+02	-9.30E+01	1.59E+02	-2.44E-03	-2.66E-01
1.08E+02	-9.30E+01	1.60E+02	-7.32E-03	-2.69E-01
1.08E+02	-9.30E+01	1.60E+02	2.93E-02	-2.65E-01
1.08E+02	-9.30E+01	1.59E+02	2.44E-03	-2.68E-01
1.08E+02	-9.30E+01	1.59E+02	-3.66E-03	-2.67E-01
1.08E+02	-9.30E+01	1.59E+02	-1.10E-02	-2.63E-01
1.08E+02	-9.30E+01	1.59E+02	-2.69E-02	-2.61E-01
1.08E+02	-9.30E+01	1.59E+02	-1.22E-02	-2.53E-01
1.08E+02	-9.30E+01	1.59E+02	-1.22E-03	-2.65E-01
1.08E+02	-9.30E+01	1.60E+02	-2.08E-02	-2.65E-01
1.08E+02	-9.30E+01	1.59E+02	-3.17E-02	-2.62E-01
1.08E+02	-9.30E+01	1.59E+02	-3.66E-02	-2.58E-01
1.08E+02	-9.30E+01	1.60E+02	-3.17E-02	-2.52E-01
1.08E+02	-9.30E+01	1.60E+02	-1.46E-02	-2.49E-01
1.08E+02	-9.30E+01	1.60E+02	-7.32E-03	-2.62E-01
1.08E+02	-9.30E+01	1.59E+02	-3.30E-02	-2.54E-01
1.08E+02	-9.30E+01	1.60E+02	-4.15E-02	-2.55E-01
1.08E+02	-9.30E+01	1.60E+02	-4.03E-02	-2.40E-01
1.08E+02	-9.30E+01	1.60E+02	-4.15E-02	-2.42E-01
1.08E+02	-9.30E+01	1.59E+02	-2.20E-02	-2.34E-01
1.08E+02	-9.30E+01	1.59E+02	-2.20E-02	-2.27E-01
1.08E+02	-9.30E+01	1.60E+02	-2.44E-02	-2.29E-01
1.08E+02	-9.30E+01	1.60E+02	-3.17E-02	-2.25E-01
1.08E+02	-9.30E+01	1.60E+02	-1.10E-02	-2.15E-01
1.08E+02	-9.30E+01	1.60E+02	-1.95E-02	-2.27E-01
1.08E+02	-9.30E+01	1.60E+02	-2.20E-02	-2.19E-01
1.08E+02	-9.30E+01	1.60E+02	-1.71E-02	-2.31E-01
1.09E+02	-9.30E+01	1.60E+02	-2.69E-02	-2.20E-01
1.09E+02	-9.30E+01	1.60E+02	-1.71E-02	-2.09E-01
1.09E+02	-9.30E+01	1.60E+02	-9.77E-03	-2.10E-01
1.09E+02	-9.30E+01	1.60E+02	0.00E+00	-2.06E-01
1.09E+02	-9.30E+01	1.60E+02	-2.20E-02	-2.14E-01
1.09E+02	-9.30E+01	1.60E+02	-7.32E-03	-2.10E-01
1.09E+02	-9.30E+01	1.60E+02	-3.42E-02	-2.02E-01
1.09E+02	-9.30E+01	1.60E+02	-9.77E-03	-2.00E-01
1.09E+02	-9.30E+01	1.60E+02	3.66E-03	-1.91E-01
1.09E+02	-9.30E+01	1.60E+02	0.00E+00	-2.05E-01
1.09E+02	-9.30E+01	1.60E+02	2.44E-03	-2.09E-01

1.09E+02	-9.30E+01	1.60E+02	1.22E-02	-2.02E-01
1.09E+02	-9.30E+01	1.60E+02	-4.88E-03	-1.98E-01
1.09E+02	-9.30E+01	1.60E+02	2.44E-02	-1.92E-01
1.09E+02	-9.30E+01	1.60E+02	-2.44E-03	-1.97E-01
1.09E+02	-9.30E+01	1.60E+02	7.32E-03	-1.99E-01
1.09E+02	-9.30E+01	1.60E+02	-1.95E-02	-1.75E-01
1.09E+02	-9.30E+01	1.60E+02	-1.83E-02	-1.81E-01
1.09E+02	-9.30E+01	1.60E+02	-9.77E-03	-1.86E-01
1.09E+02	-9.30E+01	1.60E+02	-9.77E-03	-1.90E-01
1.09E+02	-9.30E+01	1.60E+02	-2.69E-02	-1.79E-01
1.09E+02	-9.30E+01	1.60E+02	-3.05E-02	-1.82E-01
1.09E+02	-9.30E+01	1.60E+02	-1.71E-02	-1.86E-01
1.09E+02	-9.30E+01	1.60E+02	-5.13E-02	-1.82E-01
1.09E+02	-9.30E+01	1.60E+02	-2.93E-02	-1.82E-01
1.09E+02	-9.30E+01	1.60E+02	-2.81E-02	-1.77E-01
1.09E+02	-9.30E+01	1.60E+02	-9.77E-03	-1.86E-01
1.09E+02	-9.30E+01	1.59E+02	-2.08E-02	-1.87E-01
1.09E+02	-9.30E+01	1.59E+02	-1.95E-02	-1.87E-01
1.09E+02	-9.30E+01	1.59E+02	-2.20E-02	-1.85E-01
1.09E+02	-9.30E+01	1.60E+02	9.77E-03	-1.77E-01
1.09E+02	-9.30E+01	1.60E+02	-1.83E-02	-1.82E-01
1.09E+02	-9.30E+01	1.60E+02	-1.22E-02	-1.77E-01
1.09E+02	-9.30E+01	1.60E+02	-2.93E-02	-1.77E-01
1.09E+02	-9.30E+01	1.60E+02	-2.44E-03	-1.76E-01
1.09E+02	-9.30E+01	1.59E+02	-2.81E-02	-1.74E-01
1.09E+02	-9.30E+01	1.60E+02	-3.05E-02	-1.66E-01
1.09E+02	-9.30E+01	1.60E+02	-2.20E-02	-1.74E-01
1.09E+02	-9.30E+01	1.60E+02	-1.59E-02	-1.73E-01
1.09E+02	-9.30E+01	1.59E+02	-3.05E-02	-1.66E-01
1.09E+02	-9.30E+01	1.59E+02	-3.54E-02	-1.59E-01
1.09E+02	-9.30E+01	1.59E+02	-3.17E-02	-1.59E-01
1.09E+02	-9.30E+01	1.59E+02	-1.59E-02	-1.69E-01
1.09E+02	-9.30E+01	1.59E+02	-3.42E-02	-1.60E-01
1.09E+02	-9.30E+01	1.59E+02	-4.39E-02	-1.59E-01
1.09E+02	-9.30E+01	1.59E+02	-4.39E-02	-1.48E-01
1.09E+02	-9.30E+01	1.60E+02	-4.64E-02	-1.36E-01
1.09E+02	-9.30E+01	1.60E+02	-2.20E-02	-1.45E-01
1.09E+02	-9.30E+01	1.59E+02	-1.95E-02	-1.46E-01
1.09E+02	-9.30E+01	1.59E+02	-4.03E-02	-1.43E-01
1.10E+02	-9.30E+01	1.60E+02	-3.66E-02	-1.41E-01
1.10E+02	-9.30E+01	1.59E+02	-4.03E-02	-1.42E-01
1.10E+02	-9.30E+01	1.59E+02	-2.44E-02	-1.47E-01
1.10E+02	-9.30E+01	1.59E+02	-9.77E-03	-1.41E-01
1.10E+02	-9.30E+01	1.59E+02	-3.42E-02	-1.51E-01
1.10E+02	-9.30E+01	1.59E+02	-1.83E-02	-1.39E-01
1.10E+02	-9.30E+01	1.59E+02	-1.46E-02	-1.27E-01
1.10E+02	-9.30E+01	1.59E+02	-4.88E-03	-1.43E-01

1.10E+02	-9.30E+01	1.59E+02	-2.20E-02	-1.38E-01
1.10E+02	-9.30E+01	1.59E+02	-2.20E-02	-1.30E-01
1.10E+02	-9.30E+01	1.59E+02	-3.66E-03	-1.26E-01
1.10E+02	-9.30E+01	1.59E+02	-4.88E-03	-1.28E-01
1.10E+02	-9.30E+01	1.59E+02	-2.44E-02	-1.29E-01
1.10E+02	-9.30E+01	1.59E+02	7.32E-03	-1.36E-01
1.10E+02	-9.30E+01	1.59E+02	-1.46E-02	-1.22E-01
1.10E+02	-9.30E+01	1.59E+02	4.88E-03	-1.20E-01
1.10E+02	-9.30E+01	1.58E+02	7.32E-03	-1.15E-01
1.10E+02	-9.30E+01	1.59E+02	-1.46E-02	-1.06E-01
1.10E+02	-9.30E+01	1.59E+02	0.00E+00	-1.03E-01
1.10E+02	-9.30E+01	1.58E+02	-2.44E-03	-1.12E-01
1.10E+02	-9.30E+01	1.58E+02	-3.66E-03	-1.04E-01
1.10E+02	-9.30E+01	1.58E+02	2.44E-03	-1.06E-01
1.10E+02	-9.30E+01	1.58E+02	-2.20E-02	-9.68E-02
1.10E+02	-9.30E+01	1.57E+02	-7.32E-03	-9.64E-02
1.10E+02	-9.30E+01	1.57E+02	-8.54E-03	-9.21E-02
1.10E+02	-9.30E+01	1.57E+02	7.32E-03	-1.08E-01
1.10E+02	-9.30E+01	1.57E+02	-2.44E-03	-9.85E-02
1.10E+02	-9.30E+01	1.57E+02	-6.10E-03	-9.59E-02
1.10E+02	-9.30E+01	1.56E+02	-1.95E-02	-8.15E-02
1.10E+02	-9.30E+01	1.56E+02	-4.88E-03	-8.15E-02
1.10E+02	-9.30E+01	1.56E+02	3.66E-03	-8.91E-02
1.10E+02	-9.30E+01	1.56E+02	-1.83E-02	-8.28E-02
1.10E+02	-9.30E+01	1.56E+02	-2.44E-02	-7.73E-02
1.10E+02	-9.30E+01	1.56E+02	-1.22E-02	-7.30E-02
1.10E+02	-9.30E+01	1.48E+02	-1.46E-02	-7.56E-02
1.10E+02	-9.30E+01	1.37E+02	-1.34E-02	-7.47E-02
1.10E+02	-9.30E+01	1.25E+02	-8.54E-03	-5.86E-02
1.10E+02	-9.30E+01	1.14E+02	-1.95E-02	-6.03E-02
1.10E+02	-9.30E+01	1.04E+02	-1.95E-02	-5.01E-02
1.10E+02	-9.30E+01	9.35E+01	-2.44E-03	-5.95E-02
1.10E+02	-9.30E+01	8.24E+01	-9.77E-03	-5.27E-02
1.10E+02	-9.30E+01	7.17E+01	1.22E-02	-5.22E-02
1.10E+02	-9.30E+01	6.14E+01	-4.88E-03	-5.44E-02
1.10E+02	-9.30E+01	5.14E+01	-3.66E-03	-5.27E-02
1.10E+02	-9.30E+01	4.20E+01	-1.22E-03	-4.33E-02
1.10E+02	-9.30E+01	3.22E+01	6.10E-03	-4.59E-02
1.10E+02	-9.30E+01	2.30E+01	2.44E-03	-4.42E-02
1.10E+02	-9.30E+01	1.40E+01	-4.88E-03	-4.46E-02
1.10E+02	-9.30E+01	6.40E+00	-6.10E-03	-3.06E-02
1.10E+02	-9.30E+01	3.25E+00	-4.88E-03	-3.48E-02
1.11E+02	-9.30E+01	2.21E+00	2.69E-02	-3.48E-02
1.11E+02	-9.30E+01	2.59E+00	-4.15E-02	-2.30E-02
1.11E+02	-9.30E+01	2.70E+00	-7.32E-03	-2.98E-02
1.11E+02	-9.30E+01	2.58E+00	-1.46E-02	-4.08E-02
1.11E+02	-9.30E+01	2.49E+00	-1.22E-02	-3.48E-02

1.11E+02	-9.30E+01	2.39E+00	-2.69E-02	-2.64E-02
1.11E+02	-9.30E+01	2.49E+00	-3.42E-02	-3.48E-02
1.11E+02	-9.30E+01	2.93E+00	-2.69E-02	-3.40E-02
1.11E+02	-9.30E+01	2.30E+00	-3.91E-02	-4.08E-02
1.11E+02	-9.30E+01	2.21E+00	-3.17E-02	-4.16E-02
1.11E+02	-9.30E+01	1.94E+00	-6.10E-02	-4.16E-02
1.11E+02	-9.30E+01	1.63E+00	-3.91E-02	-4.38E-02
1.11E+02	-9.30E+01	4.37E-01	-1.22E-03	-4.67E-02
1.11E+02	-9.30E+01	-4.96E-01	-2.81E-02	-3.65E-02
1.11E+02	-9.30E+01	-6.03E-01	-2.69E-02	-4.16E-02
1.11E+02	-9.30E+01	-2.36E-01	-3.78E-02	-3.48E-02
1.11E+02	-9.30E+01	-4.20E-01	-2.93E-02	-3.82E-02
1.11E+02	-9.30E+01	-5.42E-01	-1.46E-02	-3.48E-02
1.11E+02	-9.30E+01	-4.81E-01	-2.56E-02	-3.99E-02
1.11E+02	-9.30E+01	-8.17E-01	-3.17E-02	-3.57E-02
1.11E+02	-9.30E+01	-4.65E-01	-3.91E-02	-2.72E-02
1.11E+02	-9.30E+01	-5.27E-01	-7.32E-03	-3.23E-02
1.11E+02	-9.30E+01	-1.31E+00	-4.88E-03	-2.25E-02
1.11E+02	-9.30E+01	-1.37E+00	-2.20E-02	-2.47E-02
1.11E+02	-9.30E+01	-1.40E+00	-7.32E-03	-1.28E-02
1.11E+02	-9.30E+01	-2.65E+00	-1.22E-03	-4.31E-03
1.11E+02	-9.30E+01	-6.96E+00	9.77E-03	3.33E-03
1.11E+02	-9.30E+01	-1.19E+01	-2.32E-02	3.61E-04
1.11E+02	-9.30E+01	-1.37E+01	-4.88E-03	-6.36E-05
1.11E+02	-9.30E+01	-1.70E+01	-2.32E-02	9.27E-03
1.11E+02	-9.30E+01	-2.11E+01	-9.77E-03	2.48E-03
1.11E+02	-9.30E+01	-2.46E+01	6.10E-03	2.48E-03
1.11E+02	-9.30E+01	-2.83E+01	-1.22E-02	-7.27E-03
1.11E+02	-9.30E+01	-3.05E+01	0.00E+00	1.21E-03
1.11E+02	-9.30E+01	-3.17E+01	-1.46E-02	6.72E-03
1.11E+02	-9.30E+01	-3.32E+01	-7.32E-03	1.27E-02
1.11E+02	-9.30E+01	-3.46E+01	4.88E-03	6.72E-03
1.11E+02	-9.30E+01	-3.51E+01	-7.32E-03	8.00E-03
1.11E+02	-9.30E+01	-3.50E+01	-2.56E-02	1.52E-02
1.11E+02	-9.30E+01	-3.47E+01	4.88E-03	1.69E-02
1.11E+02	-9.30E+01	-3.46E+01	-2.44E-03	1.44E-02
1.11E+02	-9.30E+01	-3.45E+01	1.46E-02	1.31E-02
1.11E+02	-9.30E+01	-3.46E+01	-2.44E-03	1.05E-02
1.11E+02	-9.30E+01	-3.44E+01	-1.71E-02	-3.88E-03
1.11E+02	-9.30E+01	-3.43E+01	-7.32E-03	1.35E-02
1.11E+02	-9.30E+01	-3.41E+01	-7.32E-03	2.11E-02
1.11E+02	-9.30E+01	-3.41E+01	6.10E-03	1.44E-02
1.11E+02	-9.30E+01	-3.39E+01	-8.54E-03	1.18E-02
1.11E+02	-9.30E+01	-3.40E+01	-1.34E-02	2.33E-02
1.11E+02	-9.30E+01	-3.35E+01	-2.44E-03	2.11E-02
1.12E+02	-9.30E+01	-3.37E+01	0.00E+00	1.82E-02
1.12E+02	-9.30E+01	-3.35E+01	-4.88E-03	1.82E-02

1.12E+02	-9.30E+01	-3.34E+01	-2.08E-02	2.67E-02
1.12E+02	-9.30E+01	-3.34E+01	-1.34E-02	2.37E-02
1.12E+02	-9.30E+01	-3.33E+01	-1.46E-02	2.54E-02
1.12E+02	-9.30E+01	-3.31E+01	-1.22E-02	2.20E-02
1.12E+02	-9.30E+01	-3.33E+01	-2.93E-02	1.61E-02
1.12E+02	-9.30E+01	-3.31E+01	-3.42E-02	2.28E-02
1.12E+02	-9.30E+01	-3.31E+01	-2.32E-02	1.69E-02
1.12E+02	-9.30E+01	-3.29E+01	-2.20E-02	1.27E-02
1.12E+02	-9.30E+01	-3.30E+01	-1.10E-02	1.48E-02
1.12E+02	-9.30E+01	-3.31E+01	-3.42E-02	1.52E-02
1.12E+02	-9.30E+01	-3.30E+01	-2.44E-02	2.79E-02
1.12E+02	-9.30E+01	-3.33E+01	-3.05E-02	5.45E-03
1.12E+02	-9.30E+01	-3.31E+01	-1.22E-02	-8.55E-03
1.12E+02	-9.30E+01	-3.30E+01	-2.20E-02	7.57E-03
1.12E+02	-9.30E+01	-3.29E+01	-2.32E-02	8.84E-03
1.12E+02	-9.30E+01	-3.30E+01	-4.88E-03	8.42E-03
1.12E+02	-9.30E+01	-3.32E+01	-2.44E-02	2.48E-03
1.12E+02	-9.30E+01	-3.30E+01	-4.64E-02	4.60E-03
1.12E+02	-9.30E+01	-3.31E+01	-3.66E-02	1.18E-02
1.12E+02	-9.30E+01	-3.26E+01	-4.52E-02	1.52E-02
1.12E+02	-9.30E+01	-3.28E+01	-2.93E-02	1.18E-02
1.12E+02	-9.30E+01	-3.28E+01	-1.46E-02	7.15E-03
1.12E+02	-9.30E+01	-3.30E+01	-2.69E-02	-9.12E-04
1.12E+02	-9.30E+01	-3.25E+01	-4.15E-02	1.18E-02
1.12E+02	-9.30E+01	-3.24E+01	-1.83E-02	9.27E-03
1.12E+02	-9.30E+01	-3.27E+01	-4.88E-03	4.60E-03
1.12E+02	-9.30E+01	-3.32E+01	-2.20E-02	1.63E-03
1.12E+02	-9.30E+01	-3.29E+01	-4.88E-02	4.18E-03
1.12E+02	-9.30E+01	-3.27E+01	-1.22E-02	1.14E-02
1.12E+02	-9.30E+01	-3.26E+01	-1.71E-02	1.52E-02
1.12E+02	-9.30E+01	-3.24E+01	2.44E-03	7.57E-03
1.12E+02	-9.30E+01	-3.26E+01	-2.20E-02	-2.61E-03
1.12E+02	-9.30E+01	-3.25E+01	-1.10E-02	6.72E-03
1.12E+02	-9.30E+01	-3.24E+01	-2.81E-02	1.61E-02
1.12E+02	-9.30E+01	-3.21E+01	-4.88E-03	7.57E-03
1.12E+02	-9.30E+01	-3.22E+01	-4.88E-03	1.35E-02
1.12E+02	-9.30E+01	-3.20E+01	7.32E-03	5.03E-03
1.12E+02	-9.30E+01	-3.24E+01	-1.10E-02	1.78E-02
1.12E+02	-9.30E+01	-3.24E+01	-1.95E-02	1.44E-02
1.12E+02	-9.30E+01	-3.23E+01	1.22E-03	1.10E-02
1.12E+02	-9.30E+01	-3.24E+01	-4.88E-03	-1.76E-03
1.12E+02	-9.30E+01	-3.26E+01	-1.10E-02	-1.76E-03
1.12E+02	-9.30E+01	-3.23E+01	-1.22E-02	1.61E-02
1.12E+02	-9.30E+01	-3.21E+01	0.00E+00	1.10E-02
1.12E+02	-9.30E+01	-3.22E+01	-4.88E-03	1.44E-02
1.12E+02	-9.30E+01	-3.22E+01	-1.22E-03	1.35E-02
1.12E+02	-9.30E+01	-3.21E+01	-1.22E-02	2.20E-02

1.12E+02	-9.30E+01	-3.19E+01	-6.10E-03	2.37E-02
1.13E+02	-9.30E+01	-3.20E+01	-1.71E-02	1.69E-02
1.13E+02	-9.30E+01	-3.21E+01	-2.44E-02	1.61E-02
1.13E+02	-9.30E+01	-3.20E+01	-8.54E-03	3.05E-02
1.13E+02	-9.30E+01	-3.21E+01	-2.93E-02	1.69E-02
1.13E+02	-9.30E+01	-3.21E+01	-1.95E-02	-1.34E-03
1.13E+02	-9.30E+01	-3.21E+01	-2.69E-02	1.52E-02
1.13E+02	-9.30E+01	-3.20E+01	-3.91E-02	1.94E-02
1.13E+02	-9.30E+01	-3.19E+01	-4.03E-02	1.65E-02
1.13E+02	-9.30E+01	-3.20E+01	-2.44E-02	2.07E-02
1.13E+02	-9.30E+01	-3.20E+01	-2.44E-02	1.35E-02
1.13E+02	-9.30E+01	-3.21E+01	-2.69E-02	1.99E-02
1.13E+02	-9.30E+01	-3.22E+01	-4.64E-02	1.73E-02
1.13E+02	-9.30E+01	-3.19E+01	-3.54E-02	2.37E-02
1.13E+02	-9.30E+01	-3.22E+01	-2.81E-02	1.78E-02
1.13E+02	-9.30E+01	-3.20E+01	-2.93E-02	7.15E-03
1.13E+02	-9.30E+01	-3.21E+01	-3.42E-02	1.27E-02
1.13E+02	-9.30E+01	-3.21E+01	-3.66E-02	1.10E-02
1.13E+02	-9.30E+01	-3.21E+01	-2.93E-02	1.61E-02
1.13E+02	-9.30E+01	-3.20E+01	-2.56E-02	7.57E-03
1.13E+02	-9.30E+01	-3.19E+01	-3.66E-02	1.27E-02
1.13E+02	-9.30E+01	-3.21E+01	-3.17E-02	1.27E-02
1.13E+02	-9.30E+01	-3.21E+01	-4.15E-02	1.61E-02
1.13E+02	-9.30E+01	-3.21E+01	-3.66E-02	1.86E-02
1.13E+02	-9.30E+01	-3.19E+01	-3.30E-02	1.35E-02
1.13E+02	-9.30E+01	-3.26E+01	-4.64E-02	1.05E-02
1.13E+02	-9.30E+01	-3.22E+01	-3.30E-02	7.57E-03
1.13E+02	-9.30E+01	-3.21E+01	-4.88E-02	8.42E-03
1.13E+02	-9.30E+01	-3.20E+01	-1.59E-02	3.33E-03
1.13E+02	-9.30E+01	-3.22E+01	-1.95E-02	5.03E-03
1.13E+02	-9.30E+01	-3.22E+01	-2.69E-02	-1.34E-03
1.13E+02	-9.30E+01	-3.22E+01	-2.44E-02	7.15E-03
1.13E+02	-9.30E+01	-3.21E+01	-1.46E-02	3.33E-03
1.13E+02	-9.30E+01	-3.20E+01	-7.32E-03	8.84E-03
1.13E+02	-9.30E+01	-3.21E+01	-1.46E-02	6.72E-03
1.13E+02	-9.30E+01	-3.22E+01	-9.77E-03	7.57E-03
1.13E+02	-9.30E+01	-3.20E+01	-1.10E-02	1.52E-02
1.13E+02	-9.30E+01	-3.21E+01	2.44E-02	1.18E-02
1.13E+02	-9.30E+01	-3.19E+01	1.22E-02	8.84E-03
1.13E+02	-9.30E+01	-3.20E+01	2.81E-02	7.57E-03
1.13E+02	-9.30E+01	-3.19E+01	-8.54E-03	1.78E-02
1.13E+02	-9.30E+01	-3.21E+01	-1.10E-02	1.56E-02
1.13E+02	-9.30E+01	-3.20E+01	-2.44E-03	2.67E-02
1.13E+02	-9.30E+01	-3.18E+01	-7.32E-03	8.84E-03
1.13E+02	-9.30E+01	-3.21E+01	-8.54E-03	1.10E-02
1.13E+02	-9.30E+01	-3.21E+01	-2.44E-03	5.03E-03
1.13E+02	-9.30E+01	-3.17E+01	-1.95E-02	1.05E-02

1.13E+02	-9.30E+01	-3.19E+01	-1.46E-02	9.27E-03
1.13E+02	-9.30E+01	-3.21E+01	-1.22E-02	1.27E-02
1.13E+02	-9.30E+01	-3.19E+01	-1.95E-02	4.18E-03
1.13E+02	-9.30E+01	-3.21E+01	-1.95E-02	4.18E-03
1.14E+02	-9.30E+01	-3.21E+01	-2.93E-02	-1.76E-03
1.14E+02	-9.30E+01	-3.18E+01	-2.44E-02	8.42E-03
1.14E+02	-9.30E+01	-3.19E+01	-3.17E-02	3.33E-03
1.14E+02	-9.30E+01	-3.22E+01	-1.83E-02	3.33E-03
1.14E+02	-9.30E+01	-3.21E+01	-3.17E-02	-1.76E-03
1.14E+02	-9.30E+01	-3.19E+01	-1.46E-02	7.57E-03
1.14E+02	-9.30E+01	-3.16E+01	-2.20E-02	8.00E-03
1.14E+02	-9.30E+01	-3.19E+01	-7.32E-03	8.84E-03
1.14E+02	-9.30E+01	-3.18E+01	-1.71E-02	4.60E-03
1.14E+02	-9.30E+01	-3.22E+01	-1.34E-02	3.33E-03
1.14E+02	-9.30E+01	-3.20E+01	-2.20E-02	1.14E-02
1.14E+02	-9.30E+01	-3.17E+01	-4.64E-02	1.01E-02
1.14E+02	-9.30E+01	-3.19E+01	-1.71E-02	7.57E-03
1.14E+02	-9.30E+01	-3.18E+01	1.95E-02	3.33E-03
1.14E+02	-9.30E+01	-3.21E+01	-1.71E-02	4.60E-03
1.14E+02	-9.30E+01	-3.18E+01	-3.17E-02	8.00E-03
1.14E+02	-9.30E+01	-3.19E+01	-3.05E-02	5.88E-03
1.14E+02	-9.30E+01	-3.19E+01	-2.56E-02	9.27E-03
1.14E+02	-9.30E+01	-3.18E+01	-1.71E-02	1.10E-02
1.14E+02	-9.30E+01	-3.19E+01	-2.81E-02	3.75E-03
1.14E+02	-9.30E+01	-3.17E+01	-1.22E-02	8.00E-03
1.14E+02	-9.30E+01	-3.17E+01	-2.93E-02	1.22E-02
1.14E+02	-9.30E+01	-3.14E+01	-4.27E-02	1.35E-02
1.14E+02	-9.30E+01	-3.14E+01	-1.22E-02	2.75E-02
1.14E+02	-9.30E+01	-3.16E+01	-2.69E-02	1.69E-02
1.14E+02	-9.30E+01	-3.17E+01	-2.81E-02	2.58E-02
1.14E+02	-9.30E+01	-3.14E+01	-2.69E-02	1.69E-02
1.14E+02	-9.30E+01	-3.15E+01	-3.17E-02	1.05E-02
1.14E+02	-9.30E+01	-3.13E+01	-2.20E-02	2.41E-02
1.14E+02	-9.30E+01	-3.16E+01	-2.56E-02	2.20E-02
1.14E+02	-9.30E+01	-3.15E+01	-2.56E-02	1.44E-02
1.14E+02	-9.30E+01	-3.13E+01	-2.44E-02	1.65E-02
1.14E+02	-9.30E+01	-3.15E+01	-2.81E-02	2.11E-02
1.14E+02	-9.30E+01	-3.15E+01	-1.71E-02	2.54E-02
1.14E+02	-9.30E+01	-3.15E+01	-1.95E-02	1.39E-02
1.14E+02	-9.30E+01	-3.14E+01	-9.77E-03	1.94E-02
1.14E+02	-9.30E+01	-3.15E+01	-3.78E-02	1.78E-02
1.14E+02	-9.30E+01	-3.14E+01	-2.69E-02	3.39E-02
1.14E+02	-9.30E+01	-3.12E+01	-1.46E-02	2.79E-02
1.14E+02	-9.30E+01	-3.14E+01	-1.22E-02	2.62E-02
1.14E+02	-9.30E+01	-3.14E+01	0.00E+00	1.90E-02
1.14E+02	-9.30E+01	-3.16E+01	-9.77E-03	1.39E-02
1.14E+02	-9.30E+01	-3.14E+01	-1.71E-02	1.94E-02

1.14E+02	-9.30E+01	-3.08E+01	1.22E-02	2.03E-02
1.14E+02	-9.30E+01	-3.14E+01	-1.71E-02	2.92E-02
1.14E+02	-9.30E+01	-3.15E+01	-4.88E-03	1.94E-02
1.14E+02	-9.30E+01	-3.14E+01	-4.88E-03	7.57E-03
1.14E+02	-9.30E+01	-3.15E+01	-1.71E-02	1.94E-02
1.14E+02	-9.30E+01	-3.14E+01	-1.46E-02	3.22E-02
1.14E+02	-9.30E+01	-3.12E+01	-3.66E-03	2.54E-02
1.15E+02	-9.30E+01	-3.11E+01	0.00E+00	1.27E-02
1.15E+02	-9.30E+01	-3.13E+01	-2.44E-03	1.78E-02
1.15E+02	-9.30E+01	-3.14E+01	-1.95E-02	1.86E-02
1.15E+02	-9.30E+01	-3.15E+01	-3.42E-02	2.16E-02
1.15E+02	-9.30E+01	-3.13E+01	-8.54E-03	2.54E-02
1.15E+02	-9.30E+01	-3.12E+01	7.32E-03	2.54E-02
1.15E+02	-9.30E+01	-3.14E+01	-9.77E-03	1.99E-02
1.15E+02	-9.30E+01	-3.14E+01	-2.20E-02	2.45E-02
1.15E+02	-9.30E+01	-3.14E+01	-4.88E-03	2.54E-02
1.15E+02	-9.30E+01	-3.12E+01	-1.22E-02	2.84E-02
1.15E+02	-9.30E+01	-3.14E+01	-1.22E-03	1.35E-02
1.15E+02	-9.30E+01	-3.15E+01	-6.10E-03	1.61E-02
1.15E+02	-9.30E+01	-3.15E+01	4.88E-03	6.72E-03
1.15E+02	-9.30E+01	-3.16E+01	-7.32E-03	1.10E-02
1.15E+02	-9.30E+01	-3.12E+01	9.77E-03	1.65E-02
1.15E+02	-9.30E+01	-3.15E+01	-1.22E-02	1.27E-02
1.15E+02	-9.30E+01	-3.16E+01	-9.77E-03	1.27E-02
1.15E+02	-9.30E+01	-3.15E+01	-1.22E-02	2.11E-02
1.15E+02	-9.30E+01	-3.17E+01	-8.54E-03	7.57E-03
1.15E+02	-9.30E+01	-3.17E+01	-9.77E-03	2.11E-02
1.15E+02	-9.30E+01	-3.18E+01	-7.32E-03	1.22E-02
1.15E+02	-9.30E+01	-3.14E+01	-9.77E-03	6.30E-03
1.15E+02	-9.30E+01	-3.16E+01	2.44E-03	8.84E-03
1.15E+02	-9.30E+01	-3.17E+01	-2.44E-03	8.84E-03
1.15E+02	-9.30E+01	-3.15E+01	-1.10E-02	5.88E-03
1.15E+02	-9.30E+01	-3.16E+01	-9.77E-03	3.33E-03
1.15E+02	-9.30E+01	-3.17E+01	-2.81E-02	8.42E-03
1.15E+02	-9.30E+01	-3.15E+01	-2.44E-03	1.10E-02
1.15E+02	-9.30E+01	-3.18E+01	-4.15E-02	1.63E-03
1.15E+02	-9.30E+01	-3.16E+01	-2.20E-02	1.63E-03
1.15E+02	-9.30E+01	-3.16E+01	-1.46E-02	2.48E-03
1.15E+02	-9.30E+01	-3.14E+01	-2.69E-02	2.37E-02
1.15E+02	-9.30E+01	-3.15E+01	-2.93E-02	9.27E-03
1.15E+02	-9.30E+01	-3.15E+01	-2.69E-02	6.30E-03
1.15E+02	-9.30E+01	-3.16E+01	-3.17E-02	6.72E-03

Current File	O:\Projects\914220~1\Data\UNITED~1\Ody1061.csv
Original File	C:\Data\9142OdysseyLiftGate\Ody1061.dx3
File descrip	9142 Honda Odyssey LiftGate liftgate - Esser
Project ID:	Project ID
File ID:	File ID
Test Date:	########
Test Time:	34:01.0
Current Da	########
Current Tin	8:53:38
Number of	4
Number of	5568
Independe	0.02
Independe	0
Independe	Sec

Time	Angle	Force	LiftgateMo	StrutCalDisplacement
Sec	Degrees	lbs	volts	inches
0.00E+00	-9.30E+01	3.60E-01	-2.20E-02	4.66E-03
2.00E-02	-9.30E+01	2.53E-01	-8.54E-03	5.08E-03
4.00E-02	-9.30E+01	2.38E-01	-7.32E-03	1.36E-02
6.00E-02	-9.30E+01	5.46E-02	-7.32E-03	5.08E-03
8.00E-02	-9.30E+01	2.99E-01	-1.22E-02	8.40E-04
1.00E-01	-9.30E+01	6.05E-01	-7.32E-03	9.75E-03
1.20E-01	-9.30E+01	-6.57E-03	-1.22E-02	1.14E-02
1.40E-01	-9.30E+01	-6.57E-03	2.44E-03	-1.28E-03
1.60E-01	-9.30E+01	2.40E-02	-1.71E-02	-4.25E-03
1.80E-01	-9.30E+01	-3.12E-01	-9.77E-03	-4.25E-03
2.00E-01	-9.30E+01	-2.21E-01	-7.32E-03	-8.56E-04
2.20E-01	-9.30E+01	8.71E-03	-7.32E-03	-1.44E-02
2.40E-01	-9.30E+01	2.38E-01	-1.22E-03	-1.10E-02
2.60E-01	-9.30E+01	-6.77E-02	-1.22E-02	-1.19E-02
2.80E-01	-9.30E+01	-6.57E-03	-1.22E-02	-1.27E-02
3.00E-01	-9.30E+01	-6.77E-02	-1.95E-02	-2.33E-02
3.20E-01	-9.30E+01	-2.21E-01	-1.95E-02	-8.49E-03
3.40E-01	-9.30E+01	2.40E-02	-2.69E-02	-5.95E-03
3.60E-01	-9.30E+01	-1.44E-01	-2.32E-02	-5.10E-03
3.80E-01	-9.30E+01	1.00E-01	-2.44E-02	-1.06E-02
4.00E-01	-9.30E+01	-1.44E-01	-2.44E-02	-1.27E-02
4.20E-01	-9.30E+01	-2.82E-01	-1.95E-02	-7.22E-03
4.40E-01	-9.30E+01	-6.57E-03	-3.66E-02	-6.80E-03
4.60E-01	-9.30E+01	8.52E-02	-2.93E-02	-5.10E-03
4.80E-01	-9.30E+01	2.40E-02	-2.20E-02	-2.55E-03
5.00E-01	-9.30E+01	-3.72E-02	-2.44E-02	-1.32E-02
5.20E-01	-9.30E+01	8.52E-02	-3.05E-02	-7.64E-03
5.40E-01	-9.30E+01	3.45E-01	-3.17E-02	2.11E-03
5.60E-01	-9.30E+01	2.23E-01	-4.88E-02	-6.80E-03
5.80E-01	-9.30E+01	-5.24E-02	-2.56E-02	-6.80E-03
6.00E-01	-9.30E+01	-3.89E-01	-4.39E-02	-1.10E-02

6.20E-01	-9.30E+01	-1.59E-01	-2.44E-02	-1.36E-02
6.40E-01	-9.30E+01	8.52E-02	-2.81E-02	-6.80E-03
6.60E-01	-9.30E+01	8.71E-03	-1.22E-02	-8.56E-04
6.80E-01	-9.30E+01	1.77E-01	-2.20E-02	-1.15E-02
7.00E-01	-9.30E+01	-3.72E-02	-2.56E-02	-1.19E-02
7.20E-01	-9.30E+01	2.40E-02	-1.95E-02	-4.25E-03
7.40E-01	-9.30E+01	6.99E-02	-2.81E-02	-4.25E-03
7.60E-01	-9.30E+01	1.16E-01	-3.42E-02	-1.70E-03
7.80E-01	-9.30E+01	3.15E-01	-5.37E-02	5.08E-03
8.00E-01	-9.30E+01	2.69E-01	-2.69E-02	-3.83E-03
8.20E-01	-9.30E+01	1.46E-01	-2.44E-02	-8.56E-04
8.40E-01	-9.30E+01	1.77E-01	-4.27E-02	-8.56E-04
8.60E-01	-9.30E+01	2.69E-01	-3.42E-02	3.39E-03
8.80E-01	-9.30E+01	4.22E-01	-2.32E-02	5.08E-03
9.00E-01	-9.30E+01	5.13E-01	-9.77E-03	9.32E-03
9.20E-01	-9.30E+01	3.30E-01	-1.95E-02	-8.56E-04
9.40E-01	-9.30E+01	2.69E-01	-6.10E-03	1.36E-02
9.60E-01	-9.30E+01	2.84E-01	6.10E-03	1.44E-02
9.80E-01	-9.30E+01	1.77E-01	-1.59E-02	8.48E-03
1.00E+00	-9.30E+01	4.37E-01	-7.32E-03	7.63E-03
1.02E+00	-9.30E+01	2.07E-01	-1.34E-02	8.48E-03
1.04E+00	-9.30E+01	1.16E-01	-1.22E-03	4.16E-04
1.06E+00	-9.30E+01	1.77E-01	-1.83E-02	2.54E-03
1.08E+00	-9.30E+01	1.46E-01	-2.44E-03	3.39E-03
1.10E+00	-9.30E+01	3.60E-01	-8.54E-03	8.48E-03
1.12E+00	-9.30E+01	2.38E-01	-2.44E-03	1.23E-02
1.14E+00	-9.30E+01	-2.19E-02	6.10E-03	4.23E-03
1.16E+00	-9.30E+01	2.38E-01	-4.88E-03	-8.56E-04
1.18E+00	-9.30E+01	6.05E-01	-2.44E-02	2.11E-03
1.20E+00	-9.30E+01	2.38E-01	-4.88E-03	8.40E-04
1.22E+00	-9.30E+01	2.23E-01	1.22E-03	2.54E-03
1.24E+00	-9.30E+01	3.93E-02	0.00E+00	-1.19E-02
1.26E+00	-9.30E+01	2.99E-01	7.32E-03	-5.52E-03
1.28E+00	-9.30E+01	2.40E-02	-1.22E-02	-5.10E-03
1.30E+00	-9.30E+01	1.16E-01	2.44E-03	-5.95E-03
1.32E+00	-9.30E+01	3.93E-02	-2.44E-03	8.40E-04
1.34E+00	-9.30E+01	8.52E-02	0.00E+00	-1.44E-02
1.36E+00	-9.30E+01	1.92E-01	-1.46E-02	-1.10E-02
1.38E+00	-9.30E+01	2.40E-02	-1.22E-02	-5.95E-03
1.40E+00	-9.30E+01	-1.90E-01	0.00E+00	-3.40E-03
1.42E+00	-9.30E+01	6.99E-02	0.00E+00	-1.70E-03
1.44E+00	-9.30E+01	5.46E-02	7.32E-03	-2.13E-03
1.46E+00	-9.30E+01	3.93E-02	2.44E-03	-2.25E-02
1.48E+00	-9.30E+01	1.00E-01	-1.10E-02	-4.25E-03
1.50E+00	-9.30E+01	8.52E-02	6.10E-03	2.54E-03
1.52E+00	-9.30E+01	-1.59E-01	1.22E-02	-7.95E-06
1.54E+00	-9.30E+01	2.38E-01	0.00E+00	4.16E-04

1.56E+00	-9.30E+01	1.16E-01	2.44E-03	-6.80E-03
1.58E+00	-9.30E+01	-6.57E-03	0.00E+00	-2.13E-03
1.60E+00	-9.30E+01	1.16E-01	-7.32E-03	3.81E-03
1.62E+00	-9.30E+01	1.77E-01	-2.44E-03	2.54E-03
1.64E+00	-9.30E+01	2.40E-02	3.66E-03	-3.40E-03
1.66E+00	-9.30E+01	1.16E-01	-1.22E-02	3.39E-03
1.68E+00	-9.30E+01	3.30E-01	-1.83E-02	1.36E-02
1.70E+00	-9.30E+01	3.30E-01	-7.32E-03	6.78E-03
1.72E+00	-9.30E+01	3.15E-01	-1.34E-02	3.39E-03
1.74E+00	-9.30E+01	2.53E-01	-1.22E-02	8.48E-03
1.76E+00	-9.30E+01	3.30E-01	-3.30E-02	8.40E-04
1.78E+00	-9.30E+01	3.91E-01	-2.20E-02	3.81E-03
1.80E+00	-9.30E+01	3.76E-01	-3.05E-02	-1.70E-03
1.82E+00	-9.30E+01	1.46E-01	-2.69E-02	-7.95E-06
1.84E+00	-9.30E+01	-3.72E-02	-2.20E-02	8.40E-04
1.86E+00	-9.30E+01	2.07E-01	-3.66E-02	-8.56E-04
1.88E+00	-9.30E+01	2.69E-01	-2.93E-02	-3.40E-03
1.90E+00	-9.30E+01	-6.57E-03	-3.42E-02	-2.33E-02
1.92E+00	-9.30E+01	-9.83E-02	-3.42E-02	-7.64E-03
1.94E+00	-9.30E+01	2.40E-02	-1.83E-02	-7.95E-06
1.96E+00	-9.30E+01	8.71E-03	-1.95E-02	-5.95E-03
1.98E+00	-9.30E+01	-3.72E-02	-1.71E-02	-9.34E-03
2.00E+00	-9.30E+01	-3.12E-01	-1.22E-02	-6.80E-03
2.02E+00	-9.30E+01	8.71E-03	-7.32E-03	-3.40E-03
2.04E+00	-9.30E+01	8.52E-02	2.44E-03	-3.83E-03
2.06E+00	-9.30E+01	2.07E-01	0.00E+00	-6.80E-03
2.08E+00	-9.30E+01	2.23E-01	-4.88E-03	2.11E-03
2.10E+00	-9.30E+01	5.74E-01	-4.88E-03	9.32E-03
2.12E+00	-9.30E+01	5.44E-01	2.44E-03	1.19E-02
2.14E+00	-9.30E+01	3.60E-01	-7.32E-03	2.54E-03
2.16E+00	-9.30E+01	4.06E-01	-2.69E-02	5.08E-03
2.18E+00	-9.30E+01	2.07E-01	-2.93E-02	7.63E-03
2.20E+00	-9.30E+01	4.06E-01	-2.20E-02	5.08E-03
2.22E+00	-9.30E+01	7.27E-01	-2.69E-02	-1.28E-03
2.24E+00	-9.30E+01	6.99E-02	-1.71E-02	-2.13E-03
2.26E+00	-9.30E+01	6.99E-02	-3.66E-02	-5.95E-03
2.28E+00	-9.30E+01	8.52E-02	-3.30E-02	5.93E-03
2.30E+00	-9.30E+01	1.46E-01	-2.69E-02	-1.27E-02
2.32E+00	-9.30E+01	3.91E-01	-4.27E-02	-1.15E-02
2.34E+00	-9.30E+01	-6.77E-02	-2.08E-02	-1.02E-02
2.36E+00	-9.30E+01	8.52E-02	-3.66E-03	-5.95E-03
2.38E+00	-9.30E+01	-6.57E-03	6.10E-03	-8.56E-04
2.40E+00	-9.30E+01	1.46E-01	-1.46E-02	-7.64E-03
2.42E+00	-9.30E+01	1.46E-01	-3.91E-02	-7.64E-03
2.44E+00	-9.30E+01	2.69E-01	-6.10E-03	2.54E-03
2.46E+00	-9.30E+01	1.16E-01	7.32E-03	-1.70E-03
2.48E+00	-9.30E+01	-3.72E-02	7.32E-03	-5.95E-03

2.50E+00	-9.30E+01	1.62E-01	-1.71E-02	-3.40E-03
2.52E+00	-9.30E+01	1.16E-01	-4.88E-03	1.61E-02
2.54E+00	-9.30E+01	1.46E-01	-9.77E-03	1.26E-03
2.56E+00	-9.30E+01	2.99E-01	-2.44E-03	2.11E-03
2.58E+00	-9.30E+01	1.46E-01	-7.32E-03	4.23E-03
2.60E+00	-9.30E+01	3.60E-01	-1.46E-02	1.10E-02
2.62E+00	-9.30E+01	3.30E-01	-2.44E-02	1.69E-03
2.64E+00	-9.30E+01	-3.72E-02	-3.17E-02	-6.37E-03
2.66E+00	-9.30E+01	2.38E-01	-4.52E-02	-8.56E-04
2.68E+00	-9.30E+01	2.69E-01	-1.34E-02	6.78E-03
2.70E+00	-9.30E+01	1.62E-01	-2.69E-02	-8.49E-03
2.72E+00	-9.30E+01	1.31E-01	-2.44E-02	-1.15E-02
2.74E+00	-9.30E+01	-4.35E-01	-2.32E-02	-7.22E-03
2.76E+00	-9.30E+01	1.16E-01	-2.56E-02	-1.02E-02
2.78E+00	-9.30E+01	-6.57E-03	-7.32E-03	-1.87E-02
2.80E+00	-9.30E+01	-6.77E-02	-2.44E-03	-1.27E-02
2.82E+00	-9.30E+01	-5.24E-02	-1.22E-02	-1.06E-02
2.84E+00	-9.30E+01	1.77E-01	-3.66E-03	2.11E-03
2.86E+00	-9.30E+01	2.38E-01	2.44E-03	-7.95E-06
2.88E+00	-9.30E+01	3.91E-01	1.22E-02	4.16E-04
2.90E+00	-9.30E+01	3.91E-01	3.66E-03	8.05E-03
2.92E+00	-9.30E+01	3.45E-01	-3.66E-03	9.32E-03
2.94E+00	-9.30E+01	4.22E-01	-9.77E-03	1.65E-02
2.96E+00	-9.30E+01	1.77E-01	0.00E+00	4.23E-03
2.98E+00	-9.30E+01	3.30E-01	-1.22E-02	3.39E-03
3.00E+00	-9.30E+01	7.27E-01	-7.32E-03	8.90E-03
3.02E+00	-9.30E+01	4.52E-01	-1.46E-02	7.63E-03
3.04E+00	-9.30E+01	2.07E-01	-2.20E-02	-7.95E-06
3.06E+00	-9.30E+01	2.99E-01	-4.64E-02	-1.70E-03
3.08E+00	-9.30E+01	1.46E-01	-3.42E-02	-6.80E-03
3.10E+00	-9.30E+01	1.46E-01	-1.83E-02	-5.95E-03
3.12E+00	-9.30E+01	-6.57E-03	-1.22E-02	-1.66E-02
3.14E+00	-9.30E+01	-1.14E-01	-1.34E-02	-7.22E-03
3.16E+00	-9.30E+01	-2.66E-01	-2.20E-02	-8.92E-03
3.18E+00	-9.30E+01	1.46E-01	2.44E-03	-3.40E-03
3.20E+00	-9.30E+01	5.46E-02	-1.10E-02	-1.23E-02
3.22E+00	-9.30E+01	1.77E-01	-1.22E-02	-4.25E-03
3.24E+00	-9.30E+01	2.23E-01	6.10E-03	1.02E-02
3.26E+00	-9.30E+01	3.30E-01	7.32E-03	2.54E-03
3.28E+00	-9.30E+01	2.99E-01	-7.32E-03	4.23E-03
3.30E+00	-9.30E+01	1.16E-01	-2.20E-02	-7.95E-06
3.32E+00	-9.30E+01	4.22E-01	-2.56E-02	5.08E-03
3.34E+00	-9.30E+01	3.91E-01	-2.20E-02	-1.82E-02
3.36E+00	-9.30E+01	1.77E-01	-2.69E-02	-8.49E-03
3.38E+00	-9.30E+01	1.16E-01	-3.91E-02	-3.40E-03
3.40E+00	-9.30E+01	4.22E-01	-1.46E-02	-2.55E-03
3.42E+00	-9.30E+01	2.69E-01	-2.69E-02	-3.40E-03

3.44E+00	-9.30E+01	1.77E-01	-2.44E-02	-6.80E-03
3.46E+00	-9.30E+01	1.77E-01	-3.17E-02	-3.83E-03
3.48E+00	-9.30E+01	8.52E-02	-4.03E-02	-5.10E-03
3.50E+00	-9.30E+01	2.69E-01	-2.20E-02	-1.10E-02
3.52E+00	-9.30E+01	8.52E-02	-2.44E-02	-5.10E-03
3.54E+00	-9.30E+01	-1.14E-01	-2.44E-02	-1.32E-02
3.56E+00	-9.30E+01	1.46E-01	-1.95E-02	-6.80E-03
3.58E+00	-9.30E+01	8.52E-02	-2.44E-02	-2.55E-03
3.60E+00	-9.30E+01	-9.83E-02	-6.10E-03	-1.49E-02
3.62E+00	-9.30E+01	-3.72E-02	-1.22E-03	-6.37E-03
3.64E+00	-9.30E+01	-1.29E-01	-9.77E-03	-4.25E-03
3.66E+00	-9.30E+01	-6.77E-02	1.22E-03	3.81E-03
3.68E+00	-9.30E+01	8.52E-02	3.66E-03	-5.95E-03
3.70E+00	-9.30E+01	6.99E-02	9.77E-03	-1.70E-03
3.72E+00	-9.30E+01	2.07E-01	-9.77E-03	-6.80E-03
3.74E+00	-9.30E+01	8.52E-02	-1.22E-02	-2.13E-03
3.76E+00	-9.30E+01	-6.77E-02	-1.34E-02	-2.55E-03
3.78E+00	-9.30E+01	-2.21E-01	4.88E-03	-3.40E-03
3.80E+00	-9.30E+01	1.16E-01	-1.22E-02	-3.40E-03
3.82E+00	-9.30E+01	1.77E-01	1.22E-03	-5.95E-03
3.84E+00	-9.30E+01	2.84E-01	-4.88E-03	5.93E-03
3.86E+00	-9.30E+01	2.69E-01	-7.32E-03	1.23E-02
3.88E+00	-9.30E+01	1.77E-01	-1.10E-02	1.26E-03
3.90E+00	-9.30E+01	2.69E-01	-1.95E-02	1.48E-02
3.92E+00	-9.30E+01	4.22E-01	-3.17E-02	3.39E-03
3.94E+00	-9.30E+01	1.77E-01	-2.32E-02	-7.95E-06
3.96E+00	-9.30E+01	5.46E-02	2.44E-03	-1.15E-02
3.98E+00	-9.30E+01	1.62E-01	-3.30E-02	-8.56E-04
4.00E+00	-9.30E+01	1.16E-01	-3.42E-02	-3.83E-03
4.02E+00	-9.30E+01	2.69E-01	-3.91E-02	1.69E-03
4.04E+00	-9.30E+01	1.77E-01	-2.81E-02	-3.40E-03
4.06E+00	-9.30E+01	-3.72E-02	-3.66E-02	-1.15E-02
4.08E+00	-9.30E+01	5.46E-02	-4.03E-02	-4.25E-03
4.10E+00	-9.30E+01	-6.57E-03	-3.17E-02	-1.27E-02
4.12E+00	-9.30E+01	2.40E-02	-1.71E-02	-9.76E-03
4.14E+00	-9.30E+01	-6.57E-03	-2.20E-02	-1.36E-02
4.16E+00	-9.30E+01	-2.36E-01	-3.17E-02	-1.82E-02
4.18E+00	-9.30E+01	-6.57E-03	-2.93E-02	-1.02E-02
4.20E+00	-9.30E+01	-6.57E-03	-1.71E-02	-1.70E-02
4.22E+00	-9.30E+01	5.46E-02	7.32E-03	-1.06E-02
4.24E+00	-9.30E+01	-9.83E-02	-1.22E-02	-1.61E-02
4.26E+00	-9.30E+01	1.46E-01	-1.22E-02	-1.49E-02
4.28E+00	-9.30E+01	1.62E-01	-3.66E-03	-2.55E-03
4.30E+00	-9.30E+01	2.38E-01	-3.17E-02	-8.56E-04
4.32E+00	-9.30E+01	1.92E-01	0.00E+00	-4.67E-03
4.34E+00	-9.30E+01	2.07E-01	-2.44E-03	5.51E-03
4.36E+00	-9.30E+01	6.05E-01	2.44E-03	1.19E-02

4.38E+00	-9.30E+01	2.99E-01	-9.77E-03	2.96E-03
4.40E+00	-9.30E+01	2.38E-01	-2.44E-02	-1.66E-02
4.42E+00	-9.30E+01	3.30E-01	-1.22E-02	2.96E-03
4.44E+00	-9.30E+01	3.30E-01	1.22E-02	1.31E-02
4.46E+00	-9.30E+01	3.60E-01	-2.20E-02	9.32E-03
4.48E+00	-9.30E+01	2.38E-01	-1.83E-02	2.54E-03
4.50E+00	-9.30E+01	3.91E-01	-3.42E-02	2.54E-03
4.52E+00	-9.30E+01	2.07E-01	-2.93E-02	-4.25E-03
4.54E+00	-9.30E+01	6.99E-02	-2.69E-02	-9.76E-03
4.56E+00	-9.30E+01	-3.72E-02	-1.71E-02	-1.02E-02
4.58E+00	-9.30E+01	-9.83E-02	-2.93E-02	-4.25E-03
4.60E+00	-9.30E+01	-3.72E-02	-1.59E-02	-5.10E-03
4.62E+00	-9.30E+01	-3.72E-02	-2.20E-02	-9.76E-03
4.64E+00	-9.30E+01	-1.29E-01	-4.88E-02	-1.95E-02
4.66E+00	-9.30E+01	-2.05E-01	-1.95E-02	-1.53E-02
4.68E+00	-9.30E+01	-3.12E-01	-3.66E-03	-8.07E-03
4.70E+00	-9.30E+01	-3.72E-02	2.44E-03	4.16E-04
4.72E+00	-9.30E+01	-3.72E-02	7.32E-03	-5.10E-03
4.74E+00	-9.30E+01	5.46E-02	-1.71E-02	-4.25E-03
4.76E+00	-9.30E+01	8.71E-03	-1.46E-02	-3.40E-03
4.78E+00	-9.30E+01	3.93E-02	-7.32E-03	-9.34E-03
4.80E+00	-9.30E+01	5.46E-02	-2.44E-03	-5.10E-03
4.82E+00	-9.30E+01	8.52E-02	4.88E-03	-3.83E-03
4.84E+00	-9.30E+01	8.52E-02	-2.08E-02	-4.67E-03
4.86E+00	-9.30E+01	8.52E-02	-8.54E-03	-2.98E-03
4.88E+00	-9.30E+01	-6.77E-02	-9.77E-03	-3.40E-03
4.90E+00	-9.30E+01	1.16E-01	-1.22E-03	-7.64E-03
4.92E+00	-9.30E+01	-5.24E-02	7.32E-03	-1.40E-02
4.94E+00	-9.30E+01	-3.72E-02	-1.95E-02	-2.13E-03
4.96E+00	-9.30E+01	8.52E-02	-7.32E-03	3.39E-03
4.98E+00	-9.30E+01	1.00E-01	-1.71E-02	-5.10E-03
5.00E+00	-9.30E+01	4.52E-01	0.00E+00	2.54E-03
5.02E+00	-9.30E+01	4.52E-01	-1.71E-02	-1.28E-03
5.04E+00	-9.30E+01	5.74E-01	-7.32E-03	-4.67E-03
5.06E+00	-9.30E+01	9.11E-01	-7.32E-03	5.08E-03
5.08E+00	-9.30E+01	1.22E+00	-1.34E-02	1.26E-03
5.10E+00	-9.30E+01	8.95E-01	-2.20E-02	4.23E-03
5.12E+00	-9.30E+01	8.50E-01	-3.91E-02	1.19E-02
5.14E+00	-9.30E+01	1.00E+00	-3.66E-02	3.81E-03
5.16E+00	-9.30E+01	9.87E-01	1.22E-03	2.29E-02
5.18E+00	-9.30E+01	9.87E-01	-2.20E-02	-4.25E-03
5.20E+00	-9.30E+01	7.88E-01	-3.66E-02	-2.98E-03
5.22E+00	-9.30E+01	1.08E+00	-5.13E-02	-8.56E-04
5.24E+00	-9.30E+01	1.26E+00	-3.78E-02	-7.95E-06
5.26E+00	-9.30E+01	1.37E+00	-2.44E-02	-1.02E-02
5.28E+00	-9.30E+01	5.68E+00	-2.56E-02	-1.36E-02
5.30E+00	-9.30E+01	1.10E+01	-4.03E-02	-2.29E-02

5.32E+00	-9.30E+01	2.34E+01	-3.66E-02	-1.91E-02
5.34E+00	-9.30E+01	3.73E+01	-1.71E-02	-2.50E-02
5.36E+00	-9.30E+01	5.20E+01	-3.91E-02	-3.48E-02
5.38E+00	-9.30E+01	6.80E+01	-1.71E-02	-3.06E-02
5.40E+00	-9.30E+01	8.47E+01	-9.77E-03	-3.48E-02
5.42E+00	-9.30E+01	1.03E+02	-2.44E-03	-3.99E-02
5.44E+00	-9.30E+01	1.22E+02	8.54E-03	-4.75E-02
5.46E+00	-9.30E+01	1.43E+02	-4.88E-03	-4.33E-02
5.48E+00	-9.30E+01	1.64E+02	-4.88E-03	-5.09E-02
5.50E+00	-9.30E+01	1.85E+02	6.10E-03	-5.69E-02
5.52E+00	-9.30E+01	1.98E+02	1.10E-02	-6.70E-02
5.54E+00	-9.30E+01	1.96E+02	7.32E-03	-6.83E-02
5.56E+00	-9.30E+01	1.95E+02	-7.32E-03	-6.87E-02
5.58E+00	-9.30E+01	1.99E+02	0.00E+00	-5.94E-02
5.60E+00	-9.30E+01	2.00E+02	1.22E-03	-8.15E-02
5.62E+00	-9.30E+01	2.00E+02	-2.44E-02	-8.65E-02
5.64E+00	-9.30E+01	1.99E+02	1.10E-02	-8.15E-02
5.66E+00	-9.30E+01	2.00E+02	-9.77E-03	-9.04E-02
5.68E+00	-9.30E+01	2.00E+02	-1.34E-02	-9.50E-02
5.70E+00	-9.30E+01	2.00E+02	0.00E+00	-1.03E-01
5.72E+00	-9.30E+01	1.99E+02	0.00E+00	-9.46E-02
5.74E+00	-9.30E+01	1.99E+02	-1.46E-02	-1.14E-01
5.76E+00	-9.30E+01	1.99E+02	-1.22E-02	-1.22E-01
5.78E+00	-9.30E+01	2.00E+02	-1.22E-03	-1.18E-01
5.80E+00	-9.30E+01	1.99E+02	-9.77E-03	-1.26E-01
5.82E+00	-9.30E+01	1.99E+02	-4.88E-03	-1.33E-01
5.84E+00	-9.30E+01	1.99E+02	-1.10E-02	-1.39E-01
5.86E+00	-9.30E+01	2.00E+02	2.44E-03	-1.40E-01
5.88E+00	-9.30E+01	2.00E+02	-1.59E-02	-1.42E-01
5.90E+00	-9.30E+01	2.00E+02	-4.88E-03	-1.57E-01
5.92E+00	-9.30E+01	2.00E+02	-4.88E-03	-1.59E-01
5.94E+00	-9.30E+01	2.00E+02	-1.95E-02	-1.70E-01
5.96E+00	-9.30E+01	2.01E+02	-2.56E-02	-1.71E-01
5.98E+00	-9.30E+01	2.01E+02	-2.20E-02	-1.79E-01
6.00E+00	-9.30E+01	2.00E+02	-3.66E-02	-2.10E-01
6.02E+00	-9.30E+01	2.01E+02	-2.69E-02	-1.97E-01
6.04E+00	-9.30E+01	2.01E+02	-4.76E-02	-2.14E-01
6.06E+00	-9.30E+01	2.01E+02	-2.69E-02	-2.15E-01
6.08E+00	-9.30E+01	2.01E+02	-2.44E-02	-2.29E-01
6.10E+00	-9.30E+01	2.01E+02	-2.32E-02	-2.34E-01
6.12E+00	-9.30E+01	2.01E+02	-3.78E-02	-2.35E-01
6.14E+00	-9.30E+01	2.02E+02	-1.95E-02	-2.49E-01
6.16E+00	-9.30E+01	2.01E+02	-3.66E-03	-2.56E-01
6.18E+00	-9.30E+01	2.02E+02	-2.20E-02	-2.54E-01
6.20E+00	-9.30E+01	2.02E+02	-3.05E-02	-2.69E-01
6.22E+00	-9.30E+01	2.02E+02	-1.46E-02	-2.71E-01
6.24E+00	-9.30E+01	2.02E+02	-4.39E-02	-2.88E-01

6.26E+00	-9.30E+01	2.02E+02	-7.32E-03	-2.88E-01
6.28E+00	-9.30E+01	2.02E+02	2.44E-03	-2.93E-01
6.30E+00	-9.30E+01	2.03E+02	-1.22E-03	-2.97E-01
6.32E+00	-9.30E+01	2.03E+02	2.44E-03	-2.99E-01
6.34E+00	-9.30E+01	2.04E+02	1.71E-02	-3.04E-01
6.36E+00	-9.30E+01	2.04E+02	-6.10E-03	-3.17E-01
6.38E+00	-9.30E+01	2.04E+02	7.32E-03	-3.18E-01
6.40E+00	-9.30E+01	2.04E+02	-1.34E-02	-3.20E-01
6.42E+00	-9.30E+01	2.04E+02	2.44E-02	-3.25E-01
6.44E+00	-9.30E+01	2.04E+02	7.32E-03	-3.39E-01
6.46E+00	-9.30E+01	2.05E+02	7.32E-03	-3.41E-01
6.48E+00	-9.30E+01	2.05E+02	-1.10E-02	-3.49E-01
6.50E+00	-9.30E+01	2.05E+02	-4.88E-03	-3.51E-01
6.52E+00	-9.30E+01	2.05E+02	1.46E-02	-3.58E-01
6.54E+00	-9.30E+01	2.05E+02	-1.59E-02	-3.67E-01
6.56E+00	-9.30E+01	2.06E+02	-1.95E-02	-3.72E-01
6.58E+00	-9.30E+01	2.05E+02	-9.77E-03	-3.74E-01
6.60E+00	-9.30E+01	2.05E+02	-1.71E-02	-3.83E-01
6.62E+00	-9.30E+01	2.05E+02	-1.22E-02	-3.93E-01
6.64E+00	-9.30E+01	2.05E+02	-3.54E-02	-4.20E-01
6.66E+00	-9.30E+01	2.05E+02	-4.64E-02	-4.12E-01
6.68E+00	-9.30E+01	2.05E+02	-2.93E-02	-4.19E-01
6.70E+00	-9.30E+01	2.05E+02	-4.64E-02	-4.43E-01
6.72E+00	-9.30E+01	2.04E+02	-3.78E-02	-4.35E-01
6.74E+00	-9.30E+01	2.04E+02	-7.32E-03	-4.44E-01
6.76E+00	-9.30E+01	2.04E+02	-2.81E-02	-4.48E-01
6.78E+00	-9.30E+01	2.03E+02	-2.44E-02	-4.59E-01
6.80E+00	-9.30E+01	2.04E+02	-3.30E-02	-4.74E-01
6.82E+00	-9.30E+01	2.04E+02	-3.42E-02	-4.71E-01
6.84E+00	-9.30E+01	2.04E+02	-4.27E-02	-4.77E-01
6.86E+00	-9.30E+01	2.03E+02	-3.17E-02	-4.83E-01
6.88E+00	-9.30E+01	2.04E+02	-3.66E-02	-5.03E-01
6.90E+00	-9.30E+01	2.03E+02	-3.54E-02	-5.02E-01
6.92E+00	-9.30E+01	2.03E+02	-2.20E-02	-5.03E-01
6.94E+00	-9.30E+01	2.03E+02	-4.15E-02	-5.09E-01
6.96E+00	-9.30E+01	2.03E+02	-3.78E-02	-5.18E-01
6.98E+00	-9.30E+01	2.03E+02	-2.69E-02	-5.23E-01
7.00E+00	-9.30E+01	2.03E+02	-2.69E-02	-5.35E-01
7.02E+00	-9.30E+01	2.03E+02	-5.62E-02	-5.36E-01
7.04E+00	-9.30E+01	2.03E+02	-4.15E-02	-5.43E-01
7.06E+00	-9.30E+01	2.02E+02	-2.20E-02	-5.52E-01
7.08E+00	-9.30E+01	2.02E+02	-1.95E-02	-5.54E-01
7.10E+00	-9.30E+01	2.02E+02	-2.20E-02	-5.63E-01
7.12E+00	-9.30E+01	2.02E+02	-1.95E-02	-5.60E-01
7.14E+00	-9.30E+01	2.02E+02	-3.66E-02	-5.74E-01
7.16E+00	-9.30E+01	2.02E+02	-3.54E-02	-5.80E-01
7.18E+00	-9.30E+01	2.02E+02	-2.20E-02	-6.02E-01

7.20E+00	-9.30E+01	2.01E+02	-1.22E-02	-5.92E-01
7.22E+00	-9.30E+01	2.01E+02	-1.83E-02	-6.02E-01
7.24E+00	-9.30E+01	2.01E+02	-4.76E-02	-6.10E-01
7.26E+00	-9.30E+01	2.00E+02	-3.66E-02	-6.13E-01
7.28E+00	-9.30E+01	2.00E+02	-7.32E-03	-6.24E-01
7.30E+00	-9.30E+01	2.00E+02	-3.17E-02	-6.41E-01
7.32E+00	-9.30E+01	2.00E+02	-1.71E-02	-6.42E-01
7.34E+00	-9.30E+01	2.00E+02	-1.22E-02	-6.47E-01
7.36E+00	-9.30E+01	2.00E+02	-2.44E-02	-6.58E-01
7.38E+00	-9.30E+01	2.00E+02	-4.88E-03	-6.56E-01
7.40E+00	-9.30E+01	2.00E+02	-9.77E-03	-6.62E-01
7.42E+00	-9.30E+01	1.99E+02	-1.46E-02	-6.66E-01
7.44E+00	-9.30E+01	2.00E+02	4.88E-03	-6.79E-01
7.46E+00	-9.30E+01	2.00E+02	2.44E-03	-6.94E-01
7.48E+00	-9.30E+01	2.00E+02	-6.10E-03	-6.92E-01
7.50E+00	-9.30E+01	1.99E+02	-7.32E-03	-7.01E-01
7.52E+00	-9.30E+01	1.99E+02	-9.77E-03	-7.01E-01
7.54E+00	-9.30E+01	2.00E+02	8.54E-03	-7.16E-01
7.56E+00	-9.30E+01	1.99E+02	-1.22E-03	-7.16E-01
7.58E+00	-9.30E+01	1.99E+02	-1.22E-02	-7.25E-01
7.60E+00	-9.30E+01	1.99E+02	-1.10E-02	-7.23E-01
7.62E+00	-9.30E+01	1.99E+02	-9.77E-03	-7.43E-01
7.64E+00	-9.30E+01	2.00E+02	2.44E-03	-7.39E-01
7.66E+00	-9.30E+01	1.99E+02	0.00E+00	-7.47E-01
7.68E+00	-9.30E+01	1.99E+02	1.71E-02	-7.48E-01
7.70E+00	-9.30E+01	1.99E+02	-7.32E-03	-7.55E-01
7.72E+00	-9.30E+01	1.99E+02	-7.32E-03	-7.66E-01
7.74E+00	-9.30E+01	1.99E+02	-1.46E-02	-7.73E-01
7.76E+00	-9.30E+01	1.98E+02	-3.17E-02	-7.81E-01
7.78E+00	-9.30E+01	1.98E+02	-2.56E-02	-7.80E-01
7.80E+00	-9.30E+01	1.99E+02	-1.83E-02	-7.93E-01
7.82E+00	-9.30E+01	1.99E+02	-2.44E-02	-8.04E-01
7.84E+00	-9.30E+01	1.98E+02	-2.44E-02	-8.03E-01
7.86E+00	-9.30E+01	1.98E+02	-4.03E-02	-8.13E-01
7.88E+00	-9.30E+01	1.98E+02	-2.44E-02	-8.19E-01
7.90E+00	-9.30E+01	1.98E+02	-2.81E-02	-8.29E-01
7.92E+00	-9.30E+01	1.98E+02	-3.17E-02	-8.39E-01
7.94E+00	-9.30E+01	1.97E+02	-2.20E-02	-8.44E-01
7.96E+00	-9.30E+01	1.98E+02	-4.27E-02	-8.53E-01
7.98E+00	-9.30E+01	1.98E+02	-2.08E-02	-8.51E-01
8.00E+00	-9.30E+01	1.97E+02	-2.56E-02	-8.73E-01
8.02E+00	-9.30E+01	1.97E+02	-7.32E-03	-8.80E-01
8.04E+00	-9.30E+01	1.97E+02	-3.42E-02	-8.87E-01
8.06E+00	-9.30E+01	1.97E+02	-1.10E-02	-8.91E-01
8.08E+00	-9.30E+01	1.97E+02	-1.95E-02	-8.95E-01
8.10E+00	-9.30E+01	1.96E+02	-1.71E-02	-9.11E-01
8.12E+00	-9.30E+01	1.96E+02	-1.83E-02	-9.10E-01

8.14E+00	-9.30E+01	1.96E+02	-1.10E-02	-9.19E-01
8.16E+00	-9.30E+01	1.96E+02	-4.88E-03	-9.32E-01
8.18E+00	-9.30E+01	1.96E+02	-9.77E-03	-9.35E-01
8.20E+00	-9.30E+01	1.96E+02	1.22E-03	-9.27E-01
8.22E+00	-9.30E+01	1.96E+02	-4.88E-03	-9.35E-01
8.24E+00	-9.30E+01	1.96E+02	-7.32E-03	-9.54E-01
8.26E+00	-9.30E+01	1.96E+02	-9.77E-03	-9.49E-01
8.28E+00	-9.30E+01	1.96E+02	-2.32E-02	-9.58E-01
8.30E+00	-9.30E+01	1.96E+02	-2.56E-02	-9.55E-01
8.32E+00	-9.30E+01	1.96E+02	-2.20E-02	-9.71E-01
8.34E+00	-9.30E+01	1.96E+02	0.00E+00	-9.77E-01
8.36E+00	-9.30E+01	1.96E+02	-3.66E-03	-9.90E-01
8.38E+00	-9.30E+01	1.96E+02	-1.83E-02	-9.86E-01
8.40E+00	-9.30E+01	1.96E+02	-7.32E-03	-9.88E-01
8.42E+00	-9.30E+01	1.96E+02	-3.66E-03	-1.00E+00
8.44E+00	-9.30E+01	1.96E+02	-1.71E-02	-1.01E+00
8.46E+00	-9.30E+01	1.96E+02	2.44E-03	-1.01E+00
8.48E+00	-9.30E+01	1.96E+02	-2.08E-02	-1.02E+00
8.50E+00	-9.30E+01	1.96E+02	-2.20E-02	-1.03E+00
8.52E+00	-9.30E+01	1.96E+02	-2.44E-02	-1.04E+00
8.54E+00	-9.30E+01	1.96E+02	-3.66E-02	-1.05E+00
8.56E+00	-9.30E+01	1.96E+02	-2.69E-02	-1.06E+00
8.58E+00	-9.30E+01	1.96E+02	-2.81E-02	-1.07E+00
8.60E+00	-9.30E+01	1.96E+02	-2.93E-02	-1.08E+00
8.62E+00	-9.30E+01	1.96E+02	-2.93E-02	-1.09E+00
8.64E+00	-9.30E+01	1.96E+02	-2.20E-02	-1.09E+00
8.66E+00	-9.30E+01	1.96E+02	-3.66E-02	-1.08E+00
8.68E+00	-9.30E+01	1.96E+02	-1.46E-02	-1.10E+00
8.70E+00	-9.30E+01	1.96E+02	-2.44E-02	-1.11E+00
8.72E+00	-9.30E+01	1.96E+02	-4.39E-02	-1.13E+00
8.74E+00	-9.30E+01	1.96E+02	-2.69E-02	-1.12E+00
8.76E+00	-9.30E+01	1.96E+02	1.95E-02	-1.13E+00
8.78E+00	-9.30E+01	1.96E+02	-4.88E-03	-1.14E+00
8.80E+00	-9.30E+01	1.96E+02	-5.13E-02	-1.15E+00
8.82E+00	-9.30E+01	1.96E+02	-1.71E-02	-1.15E+00
8.84E+00	-9.30E+01	1.96E+02	-4.88E-03	-1.15E+00
8.86E+00	-9.30E+01	1.96E+02	-1.22E-03	-1.16E+00
8.88E+00	-9.30E+01	1.96E+02	7.32E-03	-1.17E+00
8.90E+00	-9.30E+01	1.96E+02	-8.54E-03	-1.18E+00
8.92E+00	-9.30E+01	1.96E+02	-6.10E-03	-1.18E+00
8.94E+00	-9.30E+01	1.96E+02	0.00E+00	-1.18E+00
8.96E+00	-9.30E+01	1.96E+02	6.10E-03	-1.19E+00
8.98E+00	-9.30E+01	1.96E+02	-9.77E-03	-1.20E+00
9.00E+00	-9.30E+01	1.95E+02	-1.10E-02	-1.20E+00
9.02E+00	-9.30E+01	1.96E+02	-1.71E-02	-1.20E+00
9.04E+00	-9.30E+01	1.96E+02	-3.66E-03	-1.22E+00
9.06E+00	-9.30E+01	1.96E+02	-9.77E-03	-1.22E+00

9.08E+00	-9.30E+01	1.96E+02	-2.93E-02	-1.23E+00
9.10E+00	-9.30E+01	1.96E+02	-3.66E-02	-1.24E+00
9.12E+00	-9.30E+01	1.95E+02	-2.69E-02	-1.25E+00
9.14E+00	-9.30E+01	1.95E+02	-3.91E-02	-1.25E+00
9.16E+00	-9.30E+01	1.95E+02	-4.15E-02	-1.26E+00
9.18E+00	-9.30E+01	1.95E+02	-3.54E-02	-1.27E+00
9.20E+00	-9.30E+01	1.95E+02	-1.10E-02	-1.28E+00
9.22E+00	-9.30E+01	1.95E+02	-1.95E-02	-1.29E+00
9.24E+00	-9.30E+01	1.95E+02	-2.44E-02	-1.30E+00
9.26E+00	-9.30E+01	1.95E+02	-4.15E-02	-1.31E+00
9.28E+00	-9.30E+01	1.95E+02	-7.32E-03	-1.31E+00
9.30E+00	-9.30E+01	1.95E+02	-6.10E-03	-1.32E+00
9.32E+00	-9.30E+01	1.95E+02	-1.22E-02	-1.32E+00
9.34E+00	-9.30E+01	1.95E+02	-1.34E-02	-1.32E+00
9.36E+00	-9.30E+01	1.94E+02	2.20E-02	-1.33E+00
9.38E+00	-9.30E+01	1.95E+02	2.44E-03	-1.34E+00
9.40E+00	-9.30E+01	1.94E+02	-7.32E-03	-1.34E+00
9.42E+00	-9.30E+01	1.95E+02	-9.77E-03	-1.34E+00
9.44E+00	-9.30E+01	1.95E+02	-4.88E-03	-1.35E+00
9.46E+00	-9.30E+01	1.95E+02	7.32E-03	-1.36E+00
9.48E+00	-9.30E+01	1.95E+02	-2.44E-03	-1.37E+00
9.50E+00	-9.30E+01	1.95E+02	-2.44E-03	-1.37E+00
9.52E+00	-9.30E+01	1.95E+02	-9.77E-03	-1.38E+00
9.54E+00	-9.30E+01	1.95E+02	-6.10E-03	-1.38E+00
9.56E+00	-9.30E+01	1.95E+02	-4.88E-03	-1.40E+00
9.58E+00	-9.30E+01	1.95E+02	-2.93E-02	-1.40E+00
9.60E+00	-9.30E+01	1.95E+02	-2.69E-02	-1.39E+00
9.62E+00	-9.30E+01	1.95E+02	0.00E+00	-1.41E+00
9.64E+00	-9.30E+01	1.95E+02	-1.59E-02	-1.41E+00
9.66E+00	-9.30E+01	1.95E+02	-2.56E-02	-1.43E+00
9.68E+00	-9.30E+01	1.95E+02	-3.05E-02	-1.44E+00
9.70E+00	-9.30E+01	1.96E+02	-7.32E-03	-1.43E+00
9.72E+00	-9.30E+01	1.95E+02	-2.32E-02	-1.45E+00
9.74E+00	-9.30E+01	1.96E+02	-1.95E-02	-1.46E+00
9.76E+00	-9.30E+01	1.95E+02	-3.78E-02	-1.47E+00
9.78E+00	-9.30E+01	1.95E+02	-1.71E-02	-1.48E+00
9.80E+00	-9.30E+01	1.96E+02	-1.83E-02	-1.49E+00
9.82E+00	-9.30E+01	1.95E+02	0.00E+00	-1.50E+00
9.84E+00	-9.30E+01	1.96E+02	-1.71E-02	-1.51E+00
9.86E+00	-9.30E+01	1.95E+02	-9.77E-03	-1.51E+00
9.88E+00	-9.30E+01	1.96E+02	-1.10E-02	-1.52E+00
9.90E+00	-9.30E+01	1.96E+02	0.00E+00	-1.52E+00
9.92E+00	-9.30E+01	1.96E+02	-6.10E-03	-1.53E+00
9.94E+00	-9.30E+01	1.95E+02	-7.32E-03	-1.53E+00
9.96E+00	-9.30E+01	1.96E+02	1.22E-03	-1.54E+00
9.98E+00	-9.30E+01	1.96E+02	4.88E-03	-1.54E+00
1.00E+01	-9.30E+01	1.96E+02	2.44E-03	-1.55E+00

1.00E+01	-9.30E+01	1.96E+02	-9.77E-03	-1.57E+00
1.00E+01	-9.30E+01	1.96E+02	-1.46E-02	-1.57E+00
1.01E+01	-9.30E+01	1.96E+02	-1.46E-02	-1.58E+00
1.01E+01	-9.30E+01	1.96E+02	-7.32E-03	-1.58E+00
1.01E+01	-9.30E+01	1.96E+02	-8.54E-03	-1.59E+00
1.01E+01	-9.30E+01	1.96E+02	-1.46E-02	-1.59E+00
1.01E+01	-9.30E+01	1.96E+02	-1.71E-02	-1.61E+00
1.02E+01	-9.30E+01	1.96E+02	-1.46E-02	-1.60E+00
1.02E+01	-9.30E+01	1.96E+02	2.44E-03	-1.62E+00
1.02E+01	-9.30E+01	1.96E+02	-3.30E-02	-1.64E+00
1.02E+01	-9.30E+01	1.96E+02	-1.46E-02	-1.63E+00
1.02E+01	-9.30E+01	1.96E+02	-8.54E-03	-1.63E+00
1.03E+01	-9.30E+01	1.96E+02	-6.10E-03	-1.64E+00
1.03E+01	-9.30E+01	1.96E+02	-2.44E-03	-1.64E+00
1.03E+01	-9.30E+01	1.96E+02	-2.32E-02	-1.64E+00
1.03E+01	-9.30E+01	1.97E+02	-1.71E-02	-1.65E+00
1.03E+01	-9.30E+01	1.96E+02	-2.20E-02	-1.67E+00
1.04E+01	-9.30E+01	1.96E+02	-2.81E-02	-1.67E+00
1.04E+01	-9.30E+01	1.97E+02	-4.15E-02	-1.68E+00
1.04E+01	-9.30E+01	1.96E+02	-2.20E-02	-1.69E+00
1.04E+01	-9.30E+01	1.96E+02	-2.93E-02	-1.69E+00
1.04E+01	-9.30E+01	1.97E+02	-1.71E-02	-1.71E+00
1.05E+01	-9.30E+01	1.96E+02	-2.93E-02	-1.71E+00
1.05E+01	-9.30E+01	1.97E+02	-4.15E-02	-1.72E+00
1.05E+01	-9.30E+01	1.97E+02	-2.69E-02	-1.71E+00
1.05E+01	-9.30E+01	1.97E+02	-1.46E-02	-1.74E+00
1.05E+01	-9.30E+01	1.97E+02	-2.20E-02	-1.75E+00
1.06E+01	-9.30E+01	1.97E+02	3.66E-03	-1.75E+00
1.06E+01	-9.30E+01	1.96E+02	-1.71E-02	-1.76E+00
1.06E+01	-9.30E+01	1.97E+02	-1.34E-02	-1.77E+00
1.06E+01	-9.30E+01	1.97E+02	-1.22E-02	-1.77E+00
1.06E+01	-9.30E+01	1.97E+02	-3.42E-02	-1.79E+00
1.07E+01	-9.30E+01	1.97E+02	-4.88E-03	-1.77E+00
1.07E+01	-9.30E+01	1.97E+02	3.17E-02	-1.78E+00
1.07E+01	-9.30E+01	1.97E+02	0.00E+00	-1.78E+00
1.07E+01	-9.30E+01	1.97E+02	1.22E-03	-1.79E+00
1.07E+01	-9.30E+01	1.97E+02	-1.22E-02	-1.80E+00
1.08E+01	-9.30E+01	1.98E+02	-3.42E-02	-1.80E+00
1.08E+01	-9.30E+01	1.97E+02	-1.22E-02	-1.81E+00
1.08E+01	-9.30E+01	1.98E+02	-5.37E-02	-1.82E+00
1.08E+01	-9.30E+01	1.97E+02	-2.93E-02	-1.83E+00
1.08E+01	-9.30E+01	1.97E+02	-2.56E-02	-1.83E+00
1.09E+01	-9.30E+01	1.98E+02	-2.08E-02	-1.84E+00
1.09E+01	-9.30E+01	1.97E+02	-2.69E-02	-1.85E+00
1.09E+01	-9.30E+01	1.98E+02	-3.78E-02	-1.86E+00
1.09E+01	-9.30E+01	1.98E+02	-3.30E-02	-1.86E+00
1.09E+01	-9.30E+01	1.97E+02	-1.95E-02	-1.87E+00

1.10E+01	-9.30E+01	1.98E+02	-3.17E-02	-1.89E+00
1.10E+01	-9.30E+01	1.97E+02	-3.17E-02	-1.90E+00
1.10E+01	-9.30E+01	1.97E+02	-3.30E-02	-1.90E+00
1.10E+01	-9.30E+01	1.98E+02	-2.44E-02	-1.91E+00
1.10E+01	-9.30E+01	1.97E+02	-1.71E-02	-1.92E+00
1.11E+01	-9.30E+01	1.97E+02	-1.46E-02	-1.92E+00
1.11E+01	-9.30E+01	1.97E+02	-2.44E-02	-1.93E+00
1.11E+01	-9.30E+01	1.97E+02	-3.05E-02	-1.94E+00
1.11E+01	-9.30E+01	1.98E+02	-1.34E-02	-1.94E+00
1.11E+01	-9.30E+01	1.97E+02	-3.17E-02	-1.96E+00
1.12E+01	-9.30E+01	1.97E+02	-7.32E-03	-1.95E+00
1.12E+01	-9.30E+01	1.98E+02	0.00E+00	-1.96E+00
1.12E+01	-9.30E+01	1.97E+02	1.22E-02	-1.96E+00
1.12E+01	-9.30E+01	1.98E+02	-7.32E-03	-1.99E+00
1.12E+01	-9.30E+01	1.98E+02	-9.77E-03	-1.97E+00
1.13E+01	-9.30E+01	1.98E+02	0.00E+00	-1.96E+00
1.13E+01	-9.30E+01	1.98E+02	-9.77E-03	-1.98E+00
1.13E+01	-9.30E+01	1.98E+02	-1.46E-02	-2.00E+00
1.13E+01	-9.30E+01	1.98E+02	-3.42E-02	-2.00E+00
1.13E+01	-9.30E+01	1.98E+02	-5.74E-02	-2.02E+00
1.14E+01	-9.30E+01	1.98E+02	-2.81E-02	-2.02E+00
1.14E+01	-9.30E+01	1.98E+02	-2.44E-03	-2.03E+00
1.14E+01	-9.30E+01	1.98E+02	-4.15E-02	-2.04E+00
1.14E+01	-9.30E+01	1.98E+02	-1.46E-02	-2.04E+00
1.14E+01	-9.30E+01	1.98E+02	-9.77E-03	-2.05E+00
1.15E+01	-9.30E+01	1.98E+02	-1.22E-02	-2.06E+00
1.15E+01	-9.30E+01	1.98E+02	-1.46E-02	-2.07E+00
1.15E+01	-9.30E+01	1.98E+02	-1.71E-02	-2.07E+00
1.15E+01	-9.30E+01	1.97E+02	-7.32E-03	-2.08E+00
1.15E+01	-9.30E+01	1.98E+02	-1.22E-02	-2.09E+00
1.16E+01	-9.30E+01	1.97E+02	-1.22E-02	-2.09E+00
1.16E+01	-9.30E+01	1.98E+02	-2.20E-02	-2.10E+00
1.16E+01	-9.30E+01	1.98E+02	-1.22E-03	-2.11E+00
1.16E+01	-9.30E+01	1.98E+02	7.32E-03	-2.11E+00
1.16E+01	-9.30E+01	1.97E+02	-4.88E-03	-2.12E+00
1.17E+01	-9.30E+01	1.98E+02	-1.22E-03	-2.11E+00
1.17E+01	-9.30E+01	1.98E+02	-4.88E-03	-2.13E+00
1.17E+01	-9.30E+01	1.98E+02	-6.10E-03	-2.14E+00
1.17E+01	-9.30E+01	1.98E+02	0.00E+00	-2.15E+00
1.17E+01	-9.30E+01	1.98E+02	-1.46E-02	-2.15E+00
1.18E+01	-9.30E+01	1.98E+02	-8.54E-03	-2.16E+00
1.18E+01	-9.30E+01	1.98E+02	-2.44E-03	-2.15E+00
1.18E+01	-9.30E+01	1.98E+02	2.44E-03	-2.17E+00
1.18E+01	-9.30E+01	1.98E+02	-1.95E-02	-2.18E+00
1.18E+01	-9.30E+01	1.98E+02	-1.71E-02	-2.17E+00
1.19E+01	-9.30E+01	1.98E+02	-3.42E-02	-2.18E+00
1.19E+01	-9.30E+01	1.98E+02	-2.81E-02	-2.20E+00

1.19E+01	-9.30E+01	1.98E+02	-1.46E-02	-2.22E+00
1.19E+01	-9.30E+01	1.99E+02	-3.30E-02	-2.21E+00
1.19E+01	-9.30E+01	1.98E+02	3.66E-03	-2.22E+00
1.20E+01	-9.30E+01	1.98E+02	-1.95E-02	-2.23E+00
1.20E+01	-9.30E+01	1.98E+02	9.77E-03	-2.23E+00
1.20E+01	-9.30E+01	1.99E+02	-9.77E-03	-2.24E+00
1.20E+01	-9.30E+01	1.99E+02	-1.95E-02	-2.25E+00
1.20E+01	-9.30E+01	1.99E+02	-2.44E-03	-2.25E+00
1.21E+01	-9.30E+01	1.99E+02	-7.32E-03	-2.25E+00
1.21E+01	-9.30E+01	1.99E+02	-1.10E-02	-2.25E+00
1.21E+01	-9.30E+01	1.99E+02	-3.42E-02	-2.27E+00
1.21E+01	-9.30E+01	1.99E+02	-2.44E-02	-2.28E+00
1.21E+01	-9.30E+01	1.99E+02	-3.17E-02	-2.28E+00
1.22E+01	-9.30E+01	1.99E+02	-2.44E-02	-2.29E+00
1.22E+01	-9.30E+01	1.99E+02	-2.56E-02	-2.30E+00
1.22E+01	-9.30E+01	1.99E+02	-2.69E-02	-2.31E+00
1.22E+01	-9.30E+01	1.99E+02	-3.66E-02	-2.32E+00
1.22E+01	-9.30E+01	1.99E+02	-1.10E-02	-2.32E+00
1.23E+01	-9.30E+01	1.99E+02	-1.95E-02	-2.34E+00
1.23E+01	-9.30E+01	1.99E+02	-2.32E-02	-2.35E+00
1.23E+01	-9.30E+01	1.99E+02	-1.46E-02	-2.34E+00
1.23E+01	-9.30E+01	1.99E+02	7.32E-03	-2.35E+00
1.23E+01	-9.30E+01	1.99E+02	3.66E-03	-2.35E+00
1.24E+01	-9.30E+01	1.99E+02	4.88E-03	-2.36E+00
1.24E+01	-9.30E+01	2.00E+02	-7.32E-03	-2.36E+00
1.24E+01	-9.30E+01	2.00E+02	-3.66E-03	-2.36E+00
1.24E+01	-9.30E+01	2.00E+02	-1.71E-02	-2.38E+00
1.24E+01	-9.30E+01	2.00E+02	-2.93E-02	-2.38E+00
1.25E+01	-9.30E+01	2.00E+02	-3.05E-02	-2.39E+00
1.25E+01	-9.30E+01	1.99E+02	-2.69E-02	-2.40E+00
1.25E+01	-9.30E+01	1.99E+02	-2.81E-02	-2.42E+00
1.25E+01	-9.30E+01	1.99E+02	-3.54E-02	-2.42E+00
1.25E+01	-9.30E+01	1.99E+02	-1.71E-02	-2.43E+00
1.26E+01	-9.30E+01	1.99E+02	-1.22E-02	-2.43E+00
1.26E+01	-9.30E+01	1.99E+02	-4.88E-03	-2.44E+00
1.26E+01	-9.30E+01	1.99E+02	0.00E+00	-2.45E+00
1.26E+01	-9.30E+01	1.99E+02	-2.44E-03	-2.45E+00
1.26E+01	-9.30E+01	1.99E+02	3.66E-03	-2.45E+00
1.27E+01	-9.30E+01	1.99E+02	2.44E-03	-2.46E+00
1.27E+01	-9.30E+01	1.99E+02	3.66E-03	-2.45E+00
1.27E+01	-9.30E+01	1.99E+02	-8.54E-03	-2.46E+00
1.27E+01	-9.30E+01	2.00E+02	-7.32E-03	-2.49E+00
1.27E+01	-9.30E+01	1.99E+02	-2.20E-02	-2.49E+00
1.28E+01	-9.30E+01	1.99E+02	-4.64E-02	-2.51E+00
1.28E+01	-9.30E+01	1.99E+02	-2.93E-02	-2.50E+00
1.28E+01	-9.30E+01	1.99E+02	2.44E-03	-2.51E+00
1.28E+01	-9.30E+01	1.99E+02	-3.42E-02	-2.52E+00

1.28E+01	-9.30E+01	1.99E+02	-2.44E-02	-2.53E+00
1.29E+01	-9.30E+01	1.99E+02	-1.34E-02	-2.54E+00
1.29E+01	-9.30E+01	1.99E+02	-1.71E-02	-2.55E+00
1.29E+01	-9.30E+01	1.99E+02	-2.20E-02	-2.56E+00
1.29E+01	-9.30E+01	1.99E+02	-2.44E-02	-2.56E+00
1.29E+01	-9.30E+01	1.99E+02	-2.93E-02	-2.56E+00
1.30E+01	-9.30E+01	1.99E+02	-7.32E-03	-2.58E+00
1.30E+01	-9.30E+01	1.99E+02	0.00E+00	-2.58E+00
1.30E+01	-9.30E+01	2.00E+02	-3.66E-03	-2.59E+00
1.30E+01	-9.30E+01	1.99E+02	0.00E+00	-2.59E+00
1.30E+01	-9.30E+01	2.00E+02	-4.88E-03	-2.59E+00
1.31E+01	-9.30E+01	1.99E+02	4.88E-03	-2.59E+00
1.31E+01	-9.30E+01	2.00E+02	-2.44E-03	-2.61E+00
1.31E+01	-9.30E+01	2.00E+02	-7.32E-03	-2.61E+00
1.31E+01	-9.30E+01	2.00E+02	-1.46E-02	-2.61E+00
1.31E+01	-9.30E+01	2.00E+02	-1.71E-02	-2.63E+00
1.32E+01	-9.30E+01	2.00E+02	-2.20E-02	-2.63E+00
1.32E+01	-9.30E+01	2.00E+02	-2.20E-02	-2.63E+00
1.32E+01	-9.30E+01	2.00E+02	-1.71E-02	-2.65E+00
1.32E+01	-9.30E+01	2.00E+02	-2.93E-02	-2.66E+00
1.32E+01	-9.30E+01	2.00E+02	-1.95E-02	-2.66E+00
1.33E+01	-9.30E+01	2.00E+02	-3.66E-02	-2.67E+00
1.33E+01	-9.30E+01	2.00E+02	-2.69E-02	-2.68E+00
1.33E+01	-9.30E+01	2.00E+02	-2.20E-02	-2.70E+00
1.33E+01	-9.30E+01	2.00E+02	-2.08E-02	-2.70E+00
1.33E+01	-9.30E+01	2.00E+02	-1.71E-02	-2.71E+00
1.34E+01	-9.30E+01	2.00E+02	4.88E-03	-2.70E+00
1.34E+01	-9.30E+01	2.00E+02	0.00E+00	-2.71E+00
1.34E+01	-9.30E+01	2.01E+02	8.54E-03	-2.71E+00
1.34E+01	-9.30E+01	2.01E+02	-9.77E-03	-2.71E+00
1.34E+01	-9.30E+01	2.01E+02	-2.44E-03	-2.72E+00
1.35E+01	-9.30E+01	2.01E+02	-1.71E-02	-2.74E+00
1.35E+01	-9.30E+01	2.01E+02	-3.66E-02	-2.74E+00
1.35E+01	-9.30E+01	2.01E+02	-2.44E-02	-2.73E+00
1.35E+01	-9.30E+01	2.01E+02	-2.81E-02	-2.76E+00
1.35E+01	-9.30E+01	2.01E+02	-2.93E-02	-2.79E+00
1.36E+01	-9.30E+01	2.01E+02	-2.93E-02	-2.77E+00
1.36E+01	-9.30E+01	2.01E+02	-3.17E-02	-2.78E+00
1.36E+01	-9.30E+01	2.01E+02	-2.44E-02	-2.79E+00
1.36E+01	-9.30E+01	2.01E+02	-2.44E-02	-2.82E+00
1.36E+01	-9.30E+01	2.01E+02	-2.93E-02	-2.81E+00
1.37E+01	-9.30E+01	2.01E+02	-6.10E-03	-2.80E+00
1.37E+01	-9.30E+01	2.01E+02	1.22E-03	-2.82E+00
1.37E+01	-9.30E+01	2.01E+02	-2.44E-03	-2.81E+00
1.37E+01	-9.30E+01	2.01E+02	0.00E+00	-2.82E+00
1.37E+01	-9.30E+01	2.01E+02	-2.44E-03	-2.83E+00
1.38E+01	-9.30E+01	2.01E+02	-1.10E-02	-2.85E+00

1.38E+01	-9.30E+01	2.01E+02	-4.88E-03	-2.85E+00
1.38E+01	-9.30E+01	2.01E+02	-3.66E-03	-2.84E+00
1.38E+01	-9.30E+01	2.01E+02	-1.22E-02	-2.86E+00
1.38E+01	-9.30E+01	2.02E+02	-4.39E-02	-2.87E+00
1.39E+01	-9.30E+01	2.02E+02	-2.44E-02	-2.87E+00
1.39E+01	-9.30E+01	2.01E+02	-1.59E-02	-2.89E+00
1.39E+01	-9.30E+01	2.01E+02	-2.81E-02	-2.90E+00
1.39E+01	-9.30E+01	2.01E+02	-1.34E-02	-2.91E+00
1.39E+01	-9.30E+01	2.01E+02	-2.32E-02	-2.92E+00
1.40E+01	-9.30E+01	2.01E+02	-5.98E-02	-2.92E+00
1.40E+01	-9.30E+01	2.01E+02	-2.69E-02	-2.92E+00
1.40E+01	-9.30E+01	2.01E+02	-1.71E-02	-2.93E+00
1.40E+01	-9.30E+01	2.01E+02	-1.46E-02	-2.94E+00
1.40E+01	-9.30E+01	2.02E+02	-9.77E-03	-2.95E+00
1.41E+01	-9.30E+01	2.02E+02	-4.88E-03	-2.95E+00
1.41E+01	-9.30E+01	2.02E+02	1.83E-02	-2.95E+00
1.41E+01	-9.30E+01	2.01E+02	2.44E-03	-2.96E+00
1.41E+01	-9.30E+01	2.01E+02	-4.88E-03	-2.97E+00
1.41E+01	-9.30E+01	2.02E+02	-2.44E-03	-2.96E+00
1.42E+01	-9.30E+01	2.02E+02	-1.22E-02	-2.98E+00
1.42E+01	-9.30E+01	2.02E+02	-2.20E-02	-2.98E+00
1.42E+01	-9.30E+01	2.02E+02	-3.30E-02	-2.99E+00
1.42E+01	-9.30E+01	2.02E+02	-2.20E-02	-3.00E+00
1.42E+01	-9.30E+01	2.02E+02	-3.05E-02	-3.02E+00
1.43E+01	-9.30E+01	2.02E+02	-3.66E-02	-3.03E+00
1.43E+01	-9.30E+01	2.02E+02	-3.91E-02	-3.02E+00
1.43E+01	-9.30E+01	2.02E+02	-3.42E-02	-3.03E+00
1.43E+01	-9.30E+01	2.02E+02	-2.32E-02	-3.04E+00
1.43E+01	-9.30E+01	2.02E+02	-1.71E-02	-3.06E+00
1.44E+01	-9.30E+01	2.02E+02	-2.69E-02	-3.06E+00
1.44E+01	-9.30E+01	2.02E+02	-2.32E-02	-3.07E+00
1.44E+01	-9.30E+01	2.02E+02	-7.32E-03	-3.07E+00
1.44E+01	-9.30E+01	2.02E+02	4.88E-03	-3.08E+00
1.44E+01	-9.30E+01	2.02E+02	-7.32E-03	-3.08E+00
1.45E+01	-9.30E+01	2.02E+02	4.88E-03	-3.08E+00
1.45E+01	-9.30E+01	2.02E+02	0.00E+00	-3.09E+00
1.45E+01	-9.30E+01	2.02E+02	-1.59E-02	-3.10E+00
1.45E+01	-9.30E+01	2.02E+02	-1.71E-02	-3.10E+00
1.45E+01	-9.30E+01	2.02E+02	-3.17E-02	-3.10E+00
1.46E+01	-9.30E+01	2.02E+02	-2.08E-02	-3.12E+00
1.46E+01	-9.30E+01	2.02E+02	-2.44E-02	-3.12E+00
1.46E+01	-9.30E+01	2.02E+02	-3.17E-02	-3.13E+00
1.46E+01	-9.30E+01	2.02E+02	-3.66E-02	-3.15E+00
1.46E+01	-9.30E+01	2.02E+02	-2.69E-02	-3.16E+00
1.47E+01	-9.30E+01	2.02E+02	-1.71E-02	-3.16E+00
1.47E+01	-9.30E+01	2.02E+02	-2.93E-02	-3.17E+00
1.47E+01	-9.30E+01	2.02E+02	-2.20E-02	-3.19E+00

1.47E+01	-9.30E+01	2.02E+02	3.66E-03	-3.18E+00
1.47E+01	-9.30E+01	2.02E+02	-4.88E-03	-3.21E+00
1.48E+01	-9.30E+01	2.02E+02	-1.46E-02	-3.19E+00
1.48E+01	-9.30E+01	2.02E+02	-9.77E-03	-3.20E+00
1.48E+01	-9.30E+01	2.02E+02	2.44E-03	-3.20E+00
1.48E+01	-9.30E+01	2.02E+02	-1.34E-02	-3.20E+00
1.48E+01	-9.30E+01	2.02E+02	-9.77E-03	-3.21E+00
1.49E+01	-9.30E+01	2.02E+02	-2.44E-03	-3.22E+00
1.49E+01	-9.30E+01	2.02E+02	-1.10E-02	-3.23E+00
1.49E+01	-9.30E+01	2.02E+02	-3.42E-02	-3.22E+00
1.49E+01	-9.30E+01	2.02E+02	-2.44E-02	-3.24E+00
1.49E+01	-9.30E+01	2.02E+02	-3.66E-02	-3.25E+00
1.50E+01	-9.30E+01	2.02E+02	-2.20E-02	-3.27E+00
1.50E+01	-9.30E+01	2.02E+02	-2.44E-02	-3.29E+00
1.50E+01	-9.30E+01	2.02E+02	-2.20E-02	-3.28E+00
1.50E+01	-9.30E+01	2.01E+02	-1.59E-02	-3.28E+00
1.50E+01	-9.30E+01	2.02E+02	-1.71E-02	-3.29E+00
1.51E+01	-9.30E+01	2.02E+02	-1.71E-02	-3.31E+00
1.51E+01	-9.30E+01	2.02E+02	-9.77E-03	-3.29E+00
1.51E+01	-9.30E+01	2.02E+02	8.54E-03	-3.31E+00
1.51E+01	-9.30E+01	2.02E+02	-9.77E-03	-3.31E+00
1.51E+01	-9.30E+01	2.02E+02	-9.77E-03	-3.30E+00
1.52E+01	-9.30E+01	2.02E+02	-9.77E-03	-3.32E+00
1.52E+01	-9.30E+01	2.03E+02	-9.77E-03	-3.31E+00
1.52E+01	-9.30E+01	2.02E+02	-2.56E-02	-3.34E+00
1.52E+01	-9.30E+01	2.02E+02	-1.95E-02	-3.34E+00
1.52E+01	-9.30E+01	2.02E+02	-3.91E-02	-3.36E+00
1.53E+01	-9.30E+01	2.02E+02	-2.44E-03	-3.36E+00
1.53E+01	-9.30E+01	2.02E+02	-2.93E-02	-3.38E+00
1.53E+01	-9.30E+01	2.02E+02	-5.37E-02	-3.38E+00
1.53E+01	-9.30E+01	2.02E+02	-2.44E-03	-3.39E+00
1.53E+01	-9.30E+01	2.02E+02	-1.22E-02	-3.41E+00
1.54E+01	-9.30E+01	2.02E+02	-1.59E-02	-3.40E+00
1.54E+01	-9.30E+01	2.02E+02	1.22E-02	-3.39E+00
1.54E+01	-9.30E+01	2.03E+02	-7.32E-03	-3.41E+00
1.54E+01	-9.30E+01	2.03E+02	1.71E-02	-3.41E+00
1.54E+01	-9.30E+01	2.03E+02	-1.71E-02	-3.42E+00
1.55E+01	-9.30E+01	2.03E+02	-4.88E-03	-3.43E+00
1.55E+01	-9.30E+01	2.03E+02	-1.95E-02	-3.43E+00
1.55E+01	-9.30E+01	2.03E+02	-2.44E-03	-3.44E+00
1.55E+01	-9.30E+01	2.02E+02	-3.42E-02	-3.45E+00
1.55E+01	-9.30E+01	2.03E+02	-1.22E-02	-3.46E+00
1.56E+01	-9.30E+01	2.03E+02	-3.42E-02	-3.47E+00
1.56E+01	-9.30E+01	2.03E+02	9.77E-03	-3.48E+00
1.56E+01	-9.30E+01	2.02E+02	-3.91E-02	-3.49E+00
1.56E+01	-9.30E+01	2.02E+02	-5.37E-02	-3.49E+00
1.56E+01	-9.30E+01	2.03E+02	-7.32E-03	-3.50E+00

1.57E+01	-9.30E+01	2.02E+02	-3.54E-02	-3.51E+00
1.57E+01	-9.30E+01	2.02E+02	-2.44E-02	-3.52E+00
1.57E+01	-9.30E+01	2.03E+02	7.32E-03	-3.52E+00
1.57E+01	-9.30E+01	2.03E+02	-7.32E-03	-3.52E+00
1.57E+01	-9.30E+01	2.03E+02	3.17E-02	-3.53E+00
1.58E+01	-9.30E+01	2.02E+02	2.44E-03	-3.54E+00
1.58E+01	-9.30E+01	2.03E+02	-1.22E-02	-3.53E+00
1.58E+01	-9.30E+01	2.03E+02	-1.10E-02	-3.54E+00
1.58E+01	-9.30E+01	2.03E+02	2.20E-02	-3.55E+00
1.58E+01	-9.30E+01	2.03E+02	-2.08E-02	-3.56E+00
1.59E+01	-9.30E+01	2.03E+02	1.46E-02	-3.56E+00
1.59E+01	-9.30E+01	2.03E+02	-9.77E-03	-3.57E+00
1.59E+01	-9.30E+01	2.03E+02	-4.39E-02	-3.58E+00
1.59E+01	-9.30E+01	2.02E+02	-3.78E-02	-3.59E+00
1.59E+01	-9.30E+01	2.03E+02	-2.44E-03	-3.60E+00
1.60E+01	-9.30E+01	2.02E+02	-2.93E-02	-3.61E+00
1.60E+01	-9.30E+01	2.03E+02	-2.69E-02	-3.62E+00
1.60E+01	-9.30E+01	2.03E+02	-3.42E-02	-3.63E+00
1.60E+01	-9.30E+01	2.03E+02	-2.93E-02	-3.63E+00
1.60E+01	-9.30E+01	2.03E+02	-7.32E-03	-3.64E+00
1.61E+01	-9.30E+01	2.03E+02	-4.88E-03	-3.65E+00
1.61E+01	-9.30E+01	2.02E+02	3.66E-03	-3.65E+00
1.61E+01	-9.30E+01	2.02E+02	-1.95E-02	-3.66E+00
1.61E+01	-9.30E+01	2.03E+02	-1.71E-02	-3.67E+00
1.61E+01	-9.30E+01	2.02E+02	7.32E-03	-3.67E+00
1.62E+01	-9.30E+01	2.03E+02	1.71E-02	-3.68E+00
1.62E+01	-9.30E+01	2.03E+02	-1.10E-02	-3.68E+00
1.62E+01	-9.30E+01	2.03E+02	1.22E-02	-3.67E+00
1.62E+01	-9.30E+01	2.03E+02	-4.88E-03	-3.69E+00
1.62E+01	-9.30E+01	2.03E+02	-2.69E-02	-3.70E+00
1.63E+01	-9.30E+01	2.03E+02	-3.17E-02	-3.70E+00
1.63E+01	-9.30E+01	2.03E+02	-2.56E-02	-3.71E+00
1.63E+01	-9.30E+01	2.03E+02	-3.91E-02	-3.72E+00
1.63E+01	-9.30E+01	2.03E+02	-2.93E-02	-3.73E+00
1.63E+01	-9.30E+01	2.03E+02	-5.37E-02	-3.73E+00
1.64E+01	-9.30E+01	2.03E+02	-2.69E-02	-3.74E+00
1.64E+01	-9.30E+01	2.03E+02	-2.69E-02	-3.75E+00
1.64E+01	-9.30E+01	2.03E+02	-1.95E-02	-3.77E+00
1.64E+01	-9.30E+01	2.03E+02	-1.95E-02	-3.77E+00
1.64E+01	-9.30E+01	2.03E+02	-4.88E-03	-3.78E+00
1.65E+01	-9.30E+01	2.03E+02	-3.17E-02	-3.79E+00
1.65E+01	-9.30E+01	2.03E+02	-9.77E-03	-3.79E+00
1.65E+01	-9.30E+01	2.03E+02	-1.22E-02	-3.80E+00
1.65E+01	-9.30E+01	2.03E+02	-4.88E-03	-3.80E+00
1.65E+01	-9.30E+01	2.03E+02	-1.71E-02	-3.80E+00
1.66E+01	-9.30E+01	2.03E+02	8.54E-03	-3.81E+00
1.66E+01	-9.30E+01	2.03E+02	1.46E-02	-3.81E+00

1.66E+01	-9.30E+01	2.03E+02	-1.22E-02	-3.82E+00
1.66E+01	-9.30E+01	2.03E+02	-3.17E-02	-3.82E+00
1.66E+01	-9.30E+01	2.03E+02	-4.88E-03	-3.84E+00
1.67E+01	-9.30E+01	2.03E+02	-1.95E-02	-3.84E+00
1.67E+01	-9.30E+01	2.03E+02	-2.44E-02	-3.85E+00
1.67E+01	-9.30E+01	2.03E+02	-8.54E-03	-3.86E+00
1.67E+01	-9.30E+01	2.03E+02	-2.93E-02	-3.87E+00
1.67E+01	-9.30E+01	2.03E+02	-5.62E-02	-3.88E+00
1.68E+01	-9.30E+01	2.03E+02	-2.08E-02	-3.89E+00
1.68E+01	-9.30E+01	2.03E+02	-1.71E-02	-3.90E+00
1.68E+01	-9.30E+01	2.03E+02	-1.95E-02	-3.90E+00
1.68E+01	-9.30E+01	2.03E+02	-1.22E-02	-3.90E+00
1.68E+01	-9.30E+01	2.02E+02	1.46E-02	-3.91E+00
1.69E+01	-9.30E+01	2.03E+02	4.88E-03	-3.92E+00
1.69E+01	-9.30E+01	2.03E+02	1.71E-02	-3.93E+00
1.69E+01	-9.30E+01	2.02E+02	-3.42E-02	-3.93E+00
1.69E+01	-9.30E+01	2.03E+02	-3.66E-03	-3.93E+00
1.69E+01	-9.30E+01	2.02E+02	-1.95E-02	-3.94E+00
1.70E+01	-9.30E+01	2.02E+02	1.22E-02	-3.95E+00
1.70E+01	-9.30E+01	2.03E+02	-8.54E-03	-3.95E+00
1.70E+01	-9.30E+01	2.02E+02	-1.46E-02	-3.95E+00
1.70E+01	-9.30E+01	2.02E+02	1.71E-02	-3.97E+00
1.70E+01	-9.30E+01	2.02E+02	-1.22E-02	-3.97E+00
1.71E+01	-9.30E+01	2.02E+02	-3.78E-02	-3.98E+00
1.71E+01	-9.30E+01	2.02E+02	-3.91E-02	-3.99E+00
1.71E+01	-9.30E+01	2.02E+02	-2.93E-02	-3.99E+00
1.71E+01	-9.30E+01	2.02E+02	-3.05E-02	-4.01E+00
1.71E+01	-9.30E+01	2.02E+02	-4.88E-03	-4.01E+00
1.72E+01	-9.30E+01	2.02E+02	-4.03E-02	-4.02E+00
1.72E+01	-9.30E+01	2.02E+02	-2.69E-02	-4.04E+00
1.72E+01	-9.30E+01	2.02E+02	-1.71E-02	-4.04E+00
1.72E+01	-9.30E+01	2.02E+02	0.00E+00	-4.05E+00
1.72E+01	-9.30E+01	2.02E+02	-6.10E-03	-4.05E+00
1.73E+01	-9.30E+01	2.02E+02	7.32E-03	-4.05E+00
1.73E+01	-9.30E+01	2.02E+02	1.22E-03	-4.06E+00
1.73E+01	-9.30E+01	2.02E+02	1.34E-02	-4.06E+00
1.73E+01	-9.30E+01	2.02E+02	-8.54E-03	-4.07E+00
1.73E+01	-9.30E+01	2.02E+02	-1.71E-02	-4.07E+00
1.74E+01	-9.30E+01	2.02E+02	-2.44E-02	-4.09E+00
1.74E+01	-9.30E+01	2.02E+02	-3.42E-02	-4.10E+00
1.74E+01	-9.30E+01	2.02E+02	-2.69E-02	-4.10E+00
1.74E+01	-9.30E+01	2.02E+02	-2.20E-02	-4.11E+00
1.74E+01	-9.30E+01	2.02E+02	-2.20E-02	-4.13E+00
1.75E+01	-9.30E+01	2.02E+02	-6.59E-02	-4.14E+00
1.75E+01	-9.30E+01	2.02E+02	-2.44E-02	-4.14E+00
1.75E+01	-9.30E+01	2.02E+02	9.77E-03	-4.14E+00
1.75E+01	-9.30E+01	2.02E+02	-1.95E-02	-4.16E+00

1.75E+01	-9.30E+01	2.02E+02	-5.49E-02	-4.15E+00
1.76E+01	-9.30E+01	2.02E+02	-1.71E-02	-4.16E+00
1.76E+01	-9.30E+01	2.02E+02	1.46E-02	-4.17E+00
1.76E+01	-9.30E+01	2.02E+02	-2.44E-03	-4.18E+00
1.76E+01	-9.30E+01	2.02E+02	-1.46E-02	-4.18E+00
1.76E+01	-9.30E+01	2.02E+02	-1.59E-02	-4.17E+00
1.77E+01	-9.30E+01	2.02E+02	-9.77E-03	-4.19E+00
1.77E+01	-9.30E+01	2.02E+02	3.66E-03	-4.20E+00
1.77E+01	-9.30E+01	2.02E+02	-4.15E-02	-4.20E+00
1.77E+01	-9.30E+01	2.02E+02	-1.71E-02	-4.21E+00
1.77E+01	-9.30E+01	2.02E+02	-5.49E-02	-4.21E+00
1.78E+01	-9.30E+01	2.02E+02	-2.69E-02	-4.23E+00
1.78E+01	-9.30E+01	2.02E+02	-7.08E-02	-4.24E+00
1.78E+01	-9.30E+01	2.02E+02	-4.39E-02	-4.24E+00
1.78E+01	-9.30E+01	2.02E+02	-4.03E-02	-4.26E+00
1.78E+01	-9.30E+01	2.02E+02	-2.20E-02	-4.26E+00
1.79E+01	-9.30E+01	2.02E+02	-1.34E-02	-4.27E+00
1.79E+01	-9.30E+01	2.02E+02	-3.66E-02	-4.27E+00
1.79E+01	-9.30E+01	2.02E+02	-6.10E-03	-4.29E+00
1.79E+01	-9.30E+01	2.02E+02	-2.32E-02	-4.29E+00
1.79E+01	-9.30E+01	2.01E+02	-1.95E-02	-4.30E+00
1.80E+01	-9.30E+01	2.01E+02	-3.17E-02	-4.31E+00
1.80E+01	-9.30E+01	2.01E+02	-2.69E-02	-4.31E+00
1.80E+01	-9.30E+01	2.02E+02	-2.44E-02	-4.32E+00
1.80E+01	-9.30E+01	2.02E+02	-1.95E-02	-4.32E+00
1.80E+01	-9.30E+01	2.01E+02	-2.08E-02	-4.34E+00
1.81E+01	-9.30E+01	2.02E+02	-2.69E-02	-4.33E+00
1.81E+01	-9.30E+01	2.01E+02	-3.42E-02	-4.35E+00
1.81E+01	-9.30E+01	2.01E+02	-2.93E-02	-4.35E+00
1.81E+01	-9.30E+01	2.01E+02	-1.46E-02	-4.36E+00
1.81E+01	-9.30E+01	2.01E+02	-2.69E-02	-4.36E+00
1.82E+01	-9.30E+01	2.01E+02	-9.77E-03	-4.37E+00
1.82E+01	-9.30E+01	2.01E+02	9.77E-03	-4.38E+00
1.82E+01	-9.30E+01	2.01E+02	3.66E-03	-4.38E+00
1.82E+01	-9.30E+01	2.01E+02	-1.46E-02	-4.39E+00
1.82E+01	-9.30E+01	2.01E+02	-6.10E-03	-4.39E+00
1.83E+01	-9.30E+01	2.01E+02	-2.44E-03	-4.40E+00
1.83E+01	-9.30E+01	2.01E+02	-7.32E-03	-4.41E+00
1.83E+01	-9.30E+01	2.01E+02	-3.17E-02	-4.40E+00
1.83E+01	-9.30E+01	2.02E+02	-3.17E-02	-4.42E+00
1.83E+01	-9.30E+01	2.01E+02	-2.93E-02	-4.43E+00
1.84E+01	-9.30E+01	2.01E+02	-2.44E-02	-4.44E+00
1.84E+01	-9.30E+01	2.01E+02	-3.66E-02	-4.45E+00
1.84E+01	-9.30E+01	2.01E+02	-3.91E-02	-4.45E+00
1.84E+01	-9.30E+01	2.02E+02	-2.69E-02	-4.46E+00
1.84E+01	-9.30E+01	2.01E+02	-2.20E-02	-4.47E+00
1.85E+01	-9.30E+01	2.01E+02	-3.17E-02	-4.48E+00

1.85E+01	-9.30E+01	2.01E+02	-1.95E-02	-4.48E+00
1.85E+01	-9.30E+01	2.02E+02	-1.71E-02	-4.50E+00
1.85E+01	-9.30E+01	2.01E+02	-2.93E-02	-4.50E+00
1.85E+01	-9.30E+01	2.01E+02	-1.95E-02	-4.51E+00
1.86E+01	-9.30E+01	2.01E+02	-6.10E-03	-4.51E+00
1.86E+01	-9.30E+01	2.01E+02	-3.66E-03	-4.52E+00
1.86E+01	-9.30E+01	2.02E+02	2.44E-03	-4.52E+00
1.86E+01	-9.30E+01	2.01E+02	0.00E+00	-4.53E+00
1.86E+01	-9.30E+01	2.01E+02	-2.20E-02	-4.53E+00
1.87E+01	-9.30E+01	2.02E+02	-4.88E-03	-4.53E+00
1.87E+01	-9.30E+01	2.02E+02	-2.08E-02	-4.54E+00
1.87E+01	-9.30E+01	2.02E+02	-1.59E-02	-4.55E+00
1.87E+01	-9.30E+01	2.02E+02	-3.91E-02	-4.55E+00
1.87E+01	-9.30E+01	2.02E+02	-2.08E-02	-4.56E+00
1.88E+01	-9.30E+01	2.02E+02	1.22E-02	-4.57E+00
1.88E+01	-9.30E+01	2.02E+02	-2.20E-02	-4.58E+00
1.88E+01	-9.30E+01	2.02E+02	-4.64E-02	-4.58E+00
1.88E+01	-9.30E+01	2.02E+02	-3.30E-02	-4.60E+00
1.88E+01	-9.30E+01	2.02E+02	0.00E+00	-4.61E+00
1.89E+01	-9.30E+01	2.02E+02	-1.95E-02	-4.62E+00
1.89E+01	-9.30E+01	2.02E+02	-1.71E-02	-4.63E+00
1.89E+01	-9.30E+01	2.02E+02	-2.20E-02	-4.63E+00
1.89E+01	-9.30E+01	2.02E+02	1.10E-02	-4.63E+00
1.89E+01	-9.30E+01	2.02E+02	-9.77E-03	-4.63E+00
1.90E+01	-9.30E+01	2.02E+02	0.00E+00	-4.65E+00
1.90E+01	-9.30E+01	2.02E+02	-7.32E-03	-4.65E+00
1.90E+01	-9.30E+01	2.02E+02	-4.88E-03	-4.67E+00
1.90E+01	-9.30E+01	2.02E+02	6.10E-03	-4.66E+00
1.90E+01	-9.30E+01	2.03E+02	-1.22E-02	-4.67E+00
1.91E+01	-9.30E+01	2.02E+02	-9.77E-03	-4.68E+00
1.91E+01	-9.30E+01	2.02E+02	-9.77E-03	-4.68E+00
1.91E+01	-9.30E+01	2.02E+02	-2.69E-02	-4.70E+00
1.91E+01	-9.30E+01	2.02E+02	-4.39E-02	-4.70E+00
1.91E+01	-9.30E+01	2.02E+02	-3.54E-02	-4.71E+00
1.92E+01	-9.30E+01	2.02E+02	-9.77E-03	-4.72E+00
1.92E+01	-9.30E+01	2.02E+02	-2.69E-02	-4.74E+00
1.92E+01	-9.30E+01	2.02E+02	-3.05E-02	-4.73E+00
1.92E+01	-9.30E+01	2.02E+02	-2.20E-02	-4.74E+00
1.92E+01	-9.30E+01	2.02E+02	1.46E-02	-4.75E+00
1.93E+01	-9.30E+01	2.02E+02	-1.10E-02	-4.75E+00
1.93E+01	-9.30E+01	2.02E+02	-9.77E-03	-4.75E+00
1.93E+01	-9.30E+01	2.02E+02	-2.44E-03	-4.76E+00
1.93E+01	-9.30E+01	2.03E+02	8.54E-03	-4.77E+00
1.93E+01	-9.30E+01	2.02E+02	-1.95E-02	-4.77E+00
1.94E+01	-9.30E+01	2.03E+02	-1.95E-02	-4.78E+00
1.94E+01	-9.30E+01	2.02E+02	-2.56E-02	-4.80E+00
1.94E+01	-9.30E+01	2.03E+02	-2.69E-02	-4.80E+00

1.94E+01	-9.30E+01	2.03E+02	-4.03E-02	-4.80E+00
1.94E+01	-9.30E+01	2.02E+02	-1.71E-02	-4.82E+00
1.95E+01	-9.30E+01	2.03E+02	4.88E-03	-4.83E+00
1.95E+01	-9.30E+01	2.03E+02	-1.34E-02	-4.83E+00
1.95E+01	-9.30E+01	2.03E+02	-1.46E-02	-4.83E+00
1.95E+01	-9.30E+01	2.02E+02	-2.20E-02	-4.84E+00
1.95E+01	-9.30E+01	2.03E+02	2.44E-03	-4.84E+00
1.96E+01	-9.30E+01	2.03E+02	1.22E-02	-4.84E+00
1.96E+01	-9.30E+01	2.03E+02	-7.32E-03	-4.85E+00
1.96E+01	-9.30E+01	2.03E+02	-4.88E-03	-4.87E+00
1.96E+01	-9.30E+01	2.03E+02	-2.93E-02	-4.87E+00
1.96E+01	-9.30E+01	2.03E+02	-4.39E-02	-4.88E+00
1.97E+01	-9.30E+01	2.02E+02	-3.78E-02	-4.89E+00
1.97E+01	-9.30E+01	2.02E+02	-2.08E-02	-4.91E+00
1.97E+01	-9.30E+01	2.02E+02	-3.54E-02	-4.91E+00
1.97E+01	-9.30E+01	2.02E+02	-4.15E-02	-4.92E+00
1.97E+01	-9.30E+01	2.02E+02	-6.10E-03	-4.92E+00
1.98E+01	-9.30E+01	2.02E+02	8.54E-03	-4.94E+00
1.98E+01	-9.30E+01	2.02E+02	-1.22E-02	-4.93E+00
1.98E+01	-9.30E+01	2.03E+02	-1.22E-02	-4.94E+00
1.98E+01	-9.30E+01	2.03E+02	4.88E-03	-4.94E+00
1.98E+01	-9.30E+01	2.02E+02	-7.32E-03	-4.95E+00
1.99E+01	-9.30E+01	2.03E+02	-2.44E-02	-4.95E+00
1.99E+01	-9.30E+01	2.03E+02	-1.22E-02	-4.96E+00
1.99E+01	-9.30E+01	2.02E+02	-2.69E-02	-4.98E+00
1.99E+01	-9.30E+01	2.03E+02	-2.32E-02	-4.98E+00
1.99E+01	-9.30E+01	2.02E+02	-2.93E-02	-4.99E+00
2.00E+01	-9.30E+01	2.03E+02	2.44E-03	-5.01E+00
2.00E+01	-9.30E+01	2.02E+02	-1.22E-02	-5.01E+00
2.00E+01	-9.30E+01	2.02E+02	0.00E+00	-5.01E+00
2.00E+01	-9.30E+01	2.02E+02	-6.10E-03	-5.01E+00
2.00E+01	-9.30E+01	2.02E+02	4.88E-03	-5.02E+00
2.01E+01	-9.30E+01	2.03E+02	8.54E-03	-5.03E+00
2.01E+01	-9.30E+01	2.03E+02	-1.59E-02	-5.04E+00
2.01E+01	-9.30E+01	2.02E+02	-2.93E-02	-5.03E+00
2.01E+01	-9.30E+01	2.02E+02	-2.44E-02	-5.05E+00
2.01E+01	-9.30E+01	2.03E+02	-2.69E-02	-5.06E+00
2.02E+01	-9.30E+01	2.02E+02	-4.03E-02	-5.06E+00
2.02E+01	-9.30E+01	2.03E+02	-2.08E-02	-5.07E+00
2.02E+01	-9.30E+01	2.02E+02	-2.32E-02	-5.08E+00
2.02E+01	-9.30E+01	2.02E+02	-3.78E-02	-5.09E+00
2.02E+01	-9.30E+01	2.02E+02	-2.56E-02	-5.10E+00
2.03E+01	-9.30E+01	2.02E+02	-9.77E-03	-5.10E+00
2.03E+01	-9.30E+01	2.02E+02	2.44E-03	-5.11E+00
2.03E+01	-9.30E+01	2.03E+02	-4.88E-02	-5.11E+00
2.03E+01	-9.30E+01	2.02E+02	-7.32E-03	-5.11E+00
2.03E+01	-9.30E+01	2.03E+02	2.44E-03	-5.11E+00

2.04E+01	-9.30E+01	2.03E+02	0.00E+00	-5.13E+00
2.04E+01	-9.30E+01	2.03E+02	0.00E+00	-5.15E+00
2.04E+01	-9.30E+01	2.03E+02	-1.46E-02	-5.14E+00
2.04E+01	-9.30E+01	2.03E+02	-7.32E-03	-5.15E+00
2.04E+01	-9.30E+01	2.02E+02	-2.44E-02	-5.15E+00
2.05E+01	-9.30E+01	2.03E+02	-3.66E-02	-5.16E+00
2.05E+01	-9.30E+01	2.03E+02	-3.91E-02	-5.19E+00
2.05E+01	-9.30E+01	2.02E+02	-3.66E-02	-5.19E+00
2.05E+01	-9.30E+01	2.02E+02	-2.69E-02	-5.19E+00
2.05E+01	-9.30E+01	2.03E+02	-1.95E-02	-5.21E+00
2.06E+01	-9.30E+01	2.02E+02	-3.05E-02	-5.21E+00
2.06E+01	-9.30E+01	2.02E+02	-3.66E-02	-5.22E+00
2.06E+01	-9.30E+01	2.02E+02	-2.32E-02	-5.22E+00
2.06E+01	-9.30E+01	2.02E+02	-1.34E-02	-5.23E+00
2.06E+01	-9.30E+01	2.02E+02	-2.20E-02	-5.24E+00
2.07E+01	-9.30E+01	2.02E+02	-2.32E-02	-5.25E+00
2.07E+01	-9.30E+01	2.02E+02	7.32E-03	-5.25E+00
2.07E+01	-9.30E+01	2.02E+02	-1.46E-02	-5.26E+00
2.07E+01	-9.30E+01	2.02E+02	-4.88E-03	-5.25E+00
2.07E+01	-9.30E+01	2.02E+02	-2.44E-03	-5.26E+00
2.08E+01	-9.30E+01	2.03E+02	2.44E-03	-5.28E+00
2.08E+01	-9.30E+01	2.02E+02	-2.44E-03	-5.28E+00
2.08E+01	-9.30E+01	2.02E+02	-4.88E-03	-5.29E+00
2.08E+01	-9.30E+01	2.02E+02	-4.88E-03	-5.29E+00
2.08E+01	-9.30E+01	2.02E+02	-1.95E-02	-5.30E+00
2.09E+01	-9.30E+01	2.02E+02	7.32E-03	-5.31E+00
2.09E+01	-9.30E+01	2.02E+02	1.46E-02	-5.31E+00
2.09E+01	-9.30E+01	2.02E+02	-1.34E-02	-5.32E+00
2.09E+01	-9.30E+01	2.02E+02	-1.22E-03	-5.32E+00
2.09E+01	-9.30E+01	2.02E+02	-4.88E-03	-5.33E+00
2.10E+01	-9.30E+01	2.02E+02	-2.20E-02	-5.34E+00
2.10E+01	-9.30E+01	2.03E+02	-7.32E-03	-5.35E+00
2.10E+01	-9.30E+01	2.02E+02	-3.66E-02	-5.36E+00
2.10E+01	-9.30E+01	2.02E+02	-6.59E-02	-5.36E+00
2.10E+01	-9.30E+01	2.02E+02	-2.20E-02	-5.38E+00
2.11E+01	-9.30E+01	2.02E+02	-4.64E-02	-5.38E+00
2.11E+01	-9.30E+01	2.02E+02	-4.88E-03	-5.39E+00
2.11E+01	-9.30E+01	2.02E+02	1.34E-02	-5.41E+00
2.11E+01	-9.30E+01	2.02E+02	-1.95E-02	-5.41E+00
2.11E+01	-9.30E+01	2.02E+02	-2.44E-02	-5.42E+00
2.12E+01	-9.30E+01	2.02E+02	-9.77E-03	-5.41E+00
2.12E+01	-9.30E+01	2.02E+02	4.88E-03	-5.41E+00
2.12E+01	-9.30E+01	2.02E+02	3.66E-03	-5.42E+00
2.12E+01	-9.30E+01	2.02E+02	2.44E-03	-5.43E+00
2.12E+01	-9.30E+01	2.02E+02	-1.22E-02	-5.43E+00
2.13E+01	-9.30E+01	2.02E+02	-2.20E-02	-5.43E+00
2.13E+01	-9.30E+01	2.02E+02	-3.17E-02	-5.45E+00

2.13E+01	-9.30E+01	2.02E+02	-4.27E-02	-5.46E+00
2.13E+01	-9.30E+01	2.01E+02	-2.44E-02	-5.47E+00
2.13E+01	-9.30E+01	2.02E+02	-1.71E-02	-5.49E+00
2.14E+01	-9.30E+01	2.02E+02	-1.46E-02	-5.49E+00
2.14E+01	-9.30E+01	2.02E+02	-1.46E-02	-5.49E+00
2.14E+01	-9.30E+01	2.02E+02	2.44E-03	-5.50E+00
2.14E+01	-9.30E+01	2.02E+02	7.32E-03	-5.49E+00
2.14E+01	-9.30E+01	2.01E+02	-1.10E-02	-5.50E+00
2.15E+01	-9.30E+01	2.02E+02	-9.77E-03	-5.51E+00
2.15E+01	-9.30E+01	2.02E+02	-1.22E-02	-5.52E+00
2.15E+01	-9.30E+01	2.02E+02	-4.27E-02	-5.54E+00
2.15E+01	-9.30E+01	2.01E+02	-3.66E-02	-5.54E+00
2.15E+01	-9.30E+01	2.01E+02	-1.95E-02	-5.56E+00
2.16E+01	-9.30E+01	2.01E+02	-7.32E-03	-5.56E+00
2.16E+01	-9.30E+01	2.01E+02	-2.08E-02	-5.57E+00
2.16E+01	-9.30E+01	2.02E+02	-3.91E-02	-5.57E+00
2.16E+01	-9.30E+01	2.01E+02	-1.22E-02	-5.59E+00
2.16E+01	-9.30E+01	2.01E+02	9.77E-03	-5.59E+00
2.17E+01	-9.30E+01	2.01E+02	-4.88E-03	-5.58E+00
2.17E+01	-9.30E+01	2.01E+02	4.88E-03	-5.59E+00
2.17E+01	-9.30E+01	2.01E+02	-9.77E-03	-5.60E+00
2.17E+01	-9.30E+01	2.02E+02	-1.95E-02	-5.60E+00
2.17E+01	-9.30E+01	2.02E+02	-2.32E-02	-5.61E+00
2.18E+01	-9.30E+01	2.01E+02	-1.46E-02	-5.62E+00
2.18E+01	-9.30E+01	2.01E+02	-3.42E-02	-5.64E+00
2.18E+01	-9.30E+01	2.01E+02	-4.03E-02	-5.65E+00
2.18E+01	-9.30E+01	2.01E+02	-1.46E-02	-5.65E+00
2.18E+01	-9.30E+01	2.01E+02	6.10E-03	-5.67E+00
2.19E+01	-9.30E+01	2.01E+02	-1.34E-02	-5.67E+00
2.19E+01	-9.30E+01	2.01E+02	-6.10E-03	-5.66E+00
2.19E+01	-9.30E+01	2.01E+02	3.66E-03	-5.66E+00
2.19E+01	-9.30E+01	2.01E+02	-1.59E-02	-5.68E+00
2.19E+01	-9.30E+01	2.01E+02	-1.46E-02	-5.69E+00
2.20E+01	-9.30E+01	2.02E+02	-2.69E-02	-5.68E+00
2.20E+01	-9.30E+01	2.01E+02	-1.71E-02	-5.71E+00
2.20E+01	-9.30E+01	2.01E+02	-3.42E-02	-5.71E+00
2.20E+01	-9.30E+01	2.01E+02	-3.54E-02	-5.73E+00
2.20E+01	-9.30E+01	2.01E+02	-4.15E-02	-5.72E+00
2.21E+01	-9.30E+01	2.01E+02	-2.69E-02	-5.74E+00
2.21E+01	-9.30E+01	2.01E+02	-2.20E-02	-5.74E+00
2.21E+01	-9.30E+01	2.01E+02	-2.93E-02	-5.76E+00
2.21E+01	-9.30E+01	2.01E+02	-3.66E-03	-5.76E+00
2.21E+01	-9.30E+01	2.01E+02	0.00E+00	-5.77E+00
2.22E+01	-9.30E+01	2.01E+02	-1.95E-02	-5.77E+00
2.22E+01	-9.30E+01	2.01E+02	-9.77E-03	-5.77E+00
2.22E+01	-9.30E+01	2.01E+02	4.88E-03	-5.78E+00
2.22E+01	-9.30E+01	2.01E+02	1.22E-02	-5.78E+00

2.22E+01	-9.30E+01	2.01E+02	-2.44E-03	-5.79E+00
2.23E+01	-9.30E+01	2.01E+02	-2.69E-02	-5.80E+00
2.23E+01	-9.30E+01	2.01E+02	-1.22E-02	-5.80E+00
2.23E+01	-9.30E+01	2.01E+02	-1.71E-02	-5.81E+00
2.23E+01	-9.30E+01	2.01E+02	-1.71E-02	-5.82E+00
2.23E+01	-9.30E+01	2.01E+02	-3.91E-02	-5.83E+00
2.24E+01	-9.30E+01	2.01E+02	-5.62E-02	-5.83E+00
2.24E+01	-9.30E+01	2.01E+02	-2.20E-02	-5.86E+00
2.24E+01	-9.30E+01	2.01E+02	-2.32E-02	-5.86E+00
2.24E+01	-9.30E+01	2.01E+02	-2.44E-03	-5.86E+00
2.24E+01	-9.30E+01	2.01E+02	-3.66E-03	-5.86E+00
2.25E+01	-9.30E+01	2.01E+02	4.88E-03	-5.87E+00
2.25E+01	-9.30E+01	2.01E+02	-9.77E-03	-5.89E+00
2.25E+01	-9.30E+01	2.01E+02	-3.66E-03	-5.88E+00
2.25E+01	-9.30E+01	2.01E+02	-8.54E-03	-5.88E+00
2.25E+01	-9.30E+01	2.01E+02	-2.69E-02	-5.90E+00
2.26E+01	-9.30E+01	2.01E+02	-4.15E-02	-5.90E+00
2.26E+01	-9.30E+01	2.01E+02	-1.95E-02	-5.92E+00
2.26E+01	-9.30E+01	2.01E+02	-2.32E-02	-5.93E+00
2.26E+01	-9.30E+01	2.01E+02	-7.32E-03	-5.93E+00
2.26E+01	-9.30E+01	2.01E+02	-7.32E-03	-5.93E+00
2.27E+01	-9.30E+01	2.01E+02	-9.77E-03	-5.94E+00
2.27E+01	-9.30E+01	2.01E+02	-2.44E-02	-5.95E+00
2.27E+01	-9.30E+01	2.01E+02	-2.69E-02	-5.96E+00
2.27E+01	-9.30E+01	2.00E+02	-2.69E-02	-5.96E+00
2.27E+01	-9.30E+01	2.01E+02	-2.69E-02	-5.98E+00
2.28E+01	-9.30E+01	2.01E+02	0.00E+00	-5.99E+00
2.28E+01	-9.30E+01	2.01E+02	-2.81E-02	-5.99E+00
2.28E+01	-9.30E+01	2.01E+02	-1.10E-02	-5.99E+00
2.28E+01	-9.30E+01	2.01E+02	-1.22E-02	-5.99E+00
2.28E+01	-9.30E+01	2.01E+02	-7.32E-03	-6.00E+00
2.29E+01	-9.30E+01	2.01E+02	-2.44E-02	-6.01E+00
2.29E+01	-9.30E+01	2.01E+02	-2.56E-02	-6.01E+00
2.29E+01	-9.30E+01	2.01E+02	-3.66E-02	-6.03E+00
2.29E+01	-9.30E+01	2.00E+02	-3.17E-02	-6.04E+00
2.29E+01	-9.30E+01	2.01E+02	-5.62E-02	-6.05E+00
2.30E+01	-9.30E+01	2.01E+02	-1.95E-02	-6.06E+00
2.30E+01	-9.30E+01	2.00E+02	2.44E-03	-6.06E+00
2.30E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.07E+00
2.30E+01	-9.30E+01	2.01E+02	7.32E-03	-6.06E+00
2.30E+01	-9.30E+01	2.01E+02	-4.88E-03	-6.09E+00
2.31E+01	-9.30E+01	2.01E+02	-2.20E-02	-6.08E+00
2.31E+01	-9.30E+01	2.00E+02	-3.66E-02	-6.08E+00
2.31E+01	-9.30E+01	2.00E+02	-1.95E-02	-6.10E+00
2.31E+01	-9.30E+01	2.00E+02	-2.81E-02	-6.11E+00
2.31E+01	-9.30E+01	2.01E+02	-2.20E-02	-6.12E+00
2.32E+01	-9.30E+01	2.00E+02	-8.54E-03	-6.13E+00

2.32E+01	-9.30E+01	2.01E+02	7.32E-03	-6.13E+00
2.32E+01	-9.30E+01	2.00E+02	-4.88E-03	-6.14E+00
2.32E+01	-9.30E+01	2.01E+02	-1.22E-02	-6.14E+00
2.32E+01	-9.30E+01	2.01E+02	-7.32E-03	-6.14E+00
2.33E+01	-9.30E+01	2.01E+02	-8.54E-03	-6.15E+00
2.33E+01	-9.30E+01	2.00E+02	-3.05E-02	-6.16E+00
2.33E+01	-9.30E+01	2.00E+02	-3.42E-02	-6.17E+00
2.33E+01	-9.30E+01	2.00E+02	-2.44E-02	-6.18E+00
2.33E+01	-9.30E+01	2.01E+02	-2.20E-02	-6.19E+00
2.34E+01	-9.30E+01	2.00E+02	-3.42E-02	-6.20E+00
2.34E+01	-9.30E+01	2.01E+02	-1.83E-02	-6.20E+00
2.34E+01	-9.30E+01	2.00E+02	-1.22E-03	-6.20E+00
2.34E+01	-9.30E+01	2.01E+02	-7.32E-03	-6.21E+00
2.34E+01	-9.30E+01	2.01E+02	-4.88E-03	-6.21E+00
2.35E+01	-9.30E+01	2.01E+02	-2.44E-03	-6.23E+00
2.35E+01	-9.30E+01	2.01E+02	-2.93E-02	-6.23E+00
2.35E+01	-9.30E+01	2.01E+02	-2.44E-02	-6.24E+00
2.35E+01	-9.30E+01	2.01E+02	-1.95E-02	-6.25E+00
2.35E+01	-9.30E+01	2.01E+02	-3.05E-02	-6.26E+00
2.36E+01	-9.30E+01	2.01E+02	-1.10E-02	-6.27E+00
2.36E+01	-9.30E+01	2.01E+02	2.44E-03	-6.28E+00
2.36E+01	-9.30E+01	2.01E+02	3.66E-03	-6.28E+00
2.36E+01	-9.30E+01	2.01E+02	3.66E-03	-6.28E+00
2.36E+01	-9.30E+01	2.01E+02	-1.22E-02	-6.28E+00
2.37E+01	-9.30E+01	2.01E+02	-1.95E-02	-6.30E+00
2.37E+01	-9.30E+01	2.01E+02	-2.44E-02	-6.31E+00
2.37E+01	-9.30E+01	2.01E+02	-3.91E-02	-6.31E+00
2.37E+01	-9.30E+01	2.01E+02	-2.44E-02	-6.32E+00
2.37E+01	-9.30E+01	2.01E+02	-1.71E-02	-6.34E+00
2.38E+01	-9.30E+01	2.01E+02	-1.95E-02	-6.34E+00
2.38E+01	-9.30E+01	2.01E+02	-1.71E-02	-6.35E+00
2.38E+01	-9.30E+01	2.01E+02	9.77E-03	-6.35E+00
2.38E+01	-9.30E+01	2.01E+02	-1.22E-02	-6.35E+00
2.38E+01	-9.30E+01	2.01E+02	-4.88E-03	-6.35E+00
2.39E+01	-9.30E+01	2.02E+02	-1.46E-02	-6.36E+00
2.39E+01	-9.30E+01	2.01E+02	-3.66E-02	-6.37E+00
2.39E+01	-9.30E+01	2.01E+02	-3.30E-02	-6.38E+00
2.39E+01	-9.30E+01	2.01E+02	-4.76E-02	-6.39E+00
2.39E+01	-9.30E+01	2.01E+02	-2.44E-02	-6.40E+00
2.40E+01	-9.30E+01	2.01E+02	0.00E+00	-6.42E+00
2.40E+01	-9.30E+01	2.01E+02	-1.34E-02	-6.42E+00
2.40E+01	-9.30E+01	2.01E+02	1.83E-02	-6.43E+00
2.40E+01	-9.30E+01	2.01E+02	7.32E-03	-6.42E+00
2.40E+01	-9.30E+01	2.02E+02	-1.83E-02	-6.42E+00
2.41E+01	-9.30E+01	2.02E+02	-1.46E-02	-6.43E+00
2.41E+01	-9.30E+01	2.02E+02	-2.69E-02	-6.44E+00
2.41E+01	-9.30E+01	2.02E+02	-2.69E-02	-6.46E+00

2.41E+01	-9.30E+01	2.02E+02	-3.42E-02	-6.46E+00
2.41E+01	-9.30E+01	2.02E+02	-3.42E-02	-6.47E+00
2.42E+01	-9.30E+01	2.02E+02	-3.42E-02	-6.48E+00
2.42E+01	-9.30E+01	2.01E+02	-2.32E-02	-6.48E+00
2.42E+01	-9.30E+01	2.01E+02	-2.93E-02	-6.49E+00
2.42E+01	-9.30E+01	2.01E+02	-2.44E-03	-6.51E+00
2.42E+01	-9.30E+01	2.01E+02	3.66E-03	-6.51E+00
2.43E+01	-9.30E+01	2.02E+02	-7.32E-03	-6.51E+00
2.43E+01	-9.30E+01	2.02E+02	-4.88E-03	-6.51E+00
2.43E+01	-9.30E+01	2.02E+02	-9.77E-03	-6.52E+00
2.43E+01	-9.30E+01	2.02E+02	-1.83E-02	-6.53E+00
2.43E+01	-9.30E+01	2.02E+02	-3.66E-02	-6.54E+00
2.44E+01	-9.30E+01	2.02E+02	-2.44E-02	-6.55E+00
2.44E+01	-9.30E+01	2.02E+02	-2.20E-02	-6.57E+00
2.44E+01	-9.30E+01	2.02E+02	-9.77E-03	-6.57E+00
2.44E+01	-9.30E+01	2.02E+02	-3.66E-03	-6.57E+00
2.44E+01	-9.30E+01	2.02E+02	0.00E+00	-6.58E+00
2.45E+01	-9.30E+01	2.02E+02	-2.44E-03	-6.58E+00
2.45E+01	-9.30E+01	2.02E+02	-4.88E-03	-6.58E+00
2.45E+01	-9.30E+01	2.02E+02	3.66E-03	-6.59E+00
2.45E+01	-9.30E+01	2.02E+02	0.00E+00	-6.60E+00
2.45E+01	-9.30E+01	2.02E+02	-4.52E-02	-6.61E+00
2.46E+01	-9.30E+01	2.02E+02	-3.54E-02	-6.61E+00
2.46E+01	-9.30E+01	2.02E+02	-2.69E-02	-6.62E+00
2.46E+01	-9.30E+01	2.02E+02	-5.62E-02	-6.64E+00
2.46E+01	-9.30E+01	2.02E+02	-3.66E-02	-6.64E+00
2.46E+01	-9.30E+01	2.02E+02	-1.22E-02	-6.64E+00
2.47E+01	-9.30E+01	2.02E+02	0.00E+00	-6.66E+00
2.47E+01	-9.30E+01	2.02E+02	-2.69E-02	-6.68E+00
2.47E+01	-9.30E+01	2.02E+02	-4.88E-03	-6.66E+00
2.47E+01	-9.30E+01	2.02E+02	7.32E-03	-6.68E+00
2.47E+01	-9.30E+01	2.02E+02	7.32E-03	-6.68E+00
2.48E+01	-9.30E+01	2.02E+02	-1.22E-02	-6.68E+00
2.48E+01	-9.30E+01	2.03E+02	-9.77E-03	-6.69E+00
2.48E+01	-9.30E+01	2.03E+02	-2.44E-02	-6.71E+00
2.48E+01	-9.30E+01	2.03E+02	-2.69E-02	-6.70E+00
2.48E+01	-9.30E+01	2.03E+02	-2.81E-02	-6.72E+00
2.49E+01	-9.30E+01	2.03E+02	-4.39E-02	-6.72E+00
2.49E+01	-9.30E+01	2.03E+02	-2.44E-02	-6.72E+00
2.49E+01	-9.30E+01	2.03E+02	-2.93E-02	-6.74E+00
2.49E+01	-9.30E+01	2.03E+02	-2.93E-02	-6.75E+00
2.49E+01	-9.30E+01	2.03E+02	-3.66E-02	-6.75E+00
2.50E+01	-9.30E+01	2.03E+02	-1.95E-02	-6.77E+00
2.50E+01	-9.30E+01	2.03E+02	-9.77E-03	-6.78E+00
2.50E+01	-9.30E+01	2.03E+02	-1.71E-02	-6.77E+00
2.50E+01	-9.30E+01	2.03E+02	-7.32E-03	-6.78E+00
2.50E+01	-9.30E+01	2.03E+02	1.46E-02	-6.79E+00

2.51E+01	-9.30E+01	2.03E+02	-1.22E-02	-6.79E+00
2.51E+01	-9.30E+01	2.03E+02	-2.08E-02	-6.80E+00
2.51E+01	-9.30E+01	2.03E+02	-1.95E-02	-6.80E+00
2.51E+01	-9.30E+01	2.03E+02	-2.44E-02	-6.82E+00
2.51E+01	-9.30E+01	2.03E+02	-2.20E-02	-6.83E+00
2.52E+01	-9.30E+01	2.03E+02	-2.32E-02	-6.83E+00
2.52E+01	-9.30E+01	2.03E+02	-2.44E-02	-6.84E+00
2.52E+01	-9.30E+01	2.03E+02	-1.22E-02	-6.85E+00
2.52E+01	-9.30E+01	2.04E+02	-4.52E-02	-6.84E+00
2.52E+01	-9.30E+01	2.03E+02	-1.22E-03	-6.85E+00
2.53E+01	-9.30E+01	2.03E+02	-2.44E-03	-6.85E+00
2.53E+01	-9.30E+01	2.03E+02	-3.30E-02	-6.88E+00
2.53E+01	-9.30E+01	2.04E+02	-4.52E-02	-6.87E+00
2.53E+01	-9.30E+01	2.03E+02	-2.32E-02	-6.88E+00
2.53E+01	-9.30E+01	2.03E+02	-1.59E-02	-6.90E+00
2.54E+01	-9.30E+01	2.03E+02	-3.17E-02	-6.90E+00
2.54E+01	-9.30E+01	2.03E+02	-2.93E-02	-6.91E+00
2.54E+01	-9.30E+01	2.03E+02	-1.71E-02	-6.92E+00
2.54E+01	-9.30E+01	2.03E+02	-7.32E-03	-6.93E+00
2.54E+01	-9.30E+01	2.03E+02	-6.10E-03	-6.93E+00
2.55E+01	-9.30E+01	2.03E+02	-2.44E-03	-6.94E+00
2.55E+01	-9.30E+01	2.04E+02	4.88E-03	-6.94E+00
2.55E+01	-9.30E+01	2.03E+02	-1.46E-02	-6.95E+00
2.55E+01	-9.30E+01	2.04E+02	4.88E-03	-6.95E+00
2.55E+01	-9.30E+01	2.03E+02	-9.77E-03	-6.96E+00
2.56E+01	-9.30E+01	2.03E+02	-2.44E-02	-6.97E+00
2.56E+01	-9.30E+01	2.03E+02	-3.42E-02	-6.97E+00
2.56E+01	-9.30E+01	2.03E+02	-2.69E-02	-6.98E+00
2.56E+01	-9.30E+01	2.03E+02	-4.64E-02	-6.98E+00
2.56E+01	-9.30E+01	2.03E+02	-2.56E-02	-7.00E+00
2.57E+01	-9.30E+01	2.03E+02	-2.44E-02	-7.02E+00
2.57E+01	-9.30E+01	2.03E+02	-2.44E-02	-7.02E+00
2.57E+01	-9.30E+01	2.03E+02	-2.69E-02	-7.02E+00
2.57E+01	-9.30E+01	2.03E+02	-1.46E-02	-7.04E+00
2.57E+01	-9.30E+01	2.03E+02	-1.83E-02	-7.03E+00
2.58E+01	-9.30E+01	2.03E+02	-1.95E-02	-7.05E+00
2.58E+01	-9.30E+01	2.03E+02	2.44E-03	-7.05E+00
2.58E+01	-9.30E+01	2.04E+02	2.44E-03	-7.06E+00
2.58E+01	-9.30E+01	2.03E+02	-9.77E-03	-7.06E+00
2.58E+01	-9.30E+01	2.04E+02	-3.66E-03	-7.06E+00
2.59E+01	-9.30E+01	2.04E+02	-3.66E-03	-7.07E+00
2.59E+01	-9.30E+01	2.03E+02	-2.32E-02	-7.08E+00
2.59E+01	-9.30E+01	2.03E+02	-3.66E-02	-7.09E+00
2.59E+01	-9.30E+01	2.03E+02	-2.69E-02	-7.09E+00
2.59E+01	-9.30E+01	2.01E+02	-2.20E-02	-7.11E+00
2.60E+01	-9.30E+01	2.00E+02	0.00E+00	-7.10E+00
2.60E+01	-9.30E+01	1.99E+02	-7.32E-03	-7.10E+00

2.60E+01	-9.30E+01	1.96E+02	-2.44E-02	-7.10E+00
2.60E+01	-9.30E+01	1.90E+02	1.22E-03	-7.10E+00
2.60E+01	-9.30E+01	1.84E+02	-2.20E-02	-7.10E+00
2.61E+01	-9.30E+01	1.81E+02	-2.44E-03	-7.08E+00
2.61E+01	-9.30E+01	1.81E+02	4.88E-03	-7.09E+00
2.61E+01	-9.30E+01	1.83E+02	-2.69E-02	-7.08E+00
2.61E+01	-9.30E+01	1.85E+02	-4.64E-02	-7.08E+00
2.61E+01	-9.30E+01	1.88E+02	-2.69E-02	-7.10E+00
2.62E+01	-9.30E+01	1.89E+02	-1.95E-02	-7.10E+00
2.62E+01	-9.30E+01	1.85E+02	-2.69E-02	-7.09E+00
2.62E+01	-9.30E+01	1.83E+02	-1.10E-02	-7.09E+00
2.62E+01	-9.30E+01	1.84E+02	-1.22E-03	-7.09E+00
2.62E+01	-9.30E+01	1.84E+02	-2.44E-03	-7.09E+00
2.63E+01	-9.30E+01	1.84E+02	-7.32E-03	-7.08E+00
2.63E+01	-9.30E+01	1.83E+02	-1.22E-03	-7.08E+00
2.63E+01	-9.30E+01	1.83E+02	4.88E-03	-7.08E+00
2.63E+01	-9.30E+01	1.84E+02	-1.34E-02	-7.07E+00
2.63E+01	-9.30E+01	1.84E+02	4.88E-03	-7.07E+00
2.64E+01	-9.30E+01	1.84E+02	-1.71E-02	-7.07E+00
2.64E+01	-9.30E+01	1.83E+02	-9.77E-03	-7.07E+00
2.64E+01	-9.30E+01	1.83E+02	-5.49E-02	-7.07E+00
2.64E+01	-9.30E+01	1.84E+02	-2.44E-02	-7.07E+00
2.64E+01	-9.30E+01	1.83E+02	3.66E-03	-7.07E+00
2.65E+01	-9.30E+01	1.83E+02	-2.93E-02	-7.08E+00
2.65E+01	-9.30E+01	1.83E+02	-5.00E-02	-7.06E+00
2.65E+01	-9.30E+01	1.83E+02	-4.88E-03	-7.07E+00
2.65E+01	-9.30E+01	1.83E+02	-1.46E-02	-7.07E+00
2.65E+01	-9.30E+01	1.83E+02	-4.88E-03	-7.06E+00
2.66E+01	-9.30E+01	1.84E+02	-6.10E-03	-7.05E+00
2.66E+01	-9.30E+01	1.84E+02	-1.22E-03	-7.05E+00
2.66E+01	-9.30E+01	1.84E+02	-7.32E-03	-7.06E+00
2.66E+01	-9.30E+01	1.84E+02	-4.15E-02	-7.05E+00
2.66E+01	-9.30E+01	1.83E+02	-3.91E-02	-7.04E+00
2.67E+01	-9.30E+01	1.83E+02	-1.95E-02	-7.06E+00
2.67E+01	-9.30E+01	1.83E+02	-1.71E-02	-7.07E+00
2.67E+01	-9.30E+01	1.83E+02	-2.69E-02	-7.06E+00
2.67E+01	-9.30E+01	1.83E+02	-4.88E-03	-7.05E+00
2.67E+01	-9.30E+01	1.83E+02	-1.22E-03	-7.05E+00
2.68E+01	-9.30E+01	1.84E+02	2.44E-03	-7.03E+00
2.68E+01	-9.30E+01	1.84E+02	-8.54E-03	-7.03E+00
2.68E+01	-9.30E+01	1.84E+02	9.77E-03	-7.03E+00
2.68E+01	-9.30E+01	1.84E+02	-4.88E-03	-7.03E+00
2.68E+01	-9.30E+01	1.84E+02	-7.32E-03	-7.03E+00
2.69E+01	-9.30E+01	1.84E+02	-1.95E-02	-7.03E+00
2.69E+01	-9.30E+01	1.84E+02	-2.32E-02	-7.03E+00
2.69E+01	-9.30E+01	1.84E+02	-1.95E-02	-7.03E+00
2.69E+01	-9.30E+01	1.84E+02	-3.30E-02	-7.02E+00

2.69E+01	-9.30E+01	1.83E+02	-3.91E-02	-7.03E+00
2.70E+01	-9.30E+01	1.84E+02	-2.93E-02	-7.03E+00
2.70E+01	-9.30E+01	1.83E+02	-2.44E-02	-7.03E+00
2.70E+01	-9.30E+01	1.83E+02	-2.56E-02	-7.03E+00
2.70E+01	-9.30E+01	1.84E+02	0.00E+00	-7.02E+00
2.70E+01	-9.30E+01	1.83E+02	-7.32E-03	-7.02E+00
2.71E+01	-9.30E+01	1.84E+02	-1.71E-02	-7.02E+00
2.71E+01	-9.30E+01	1.83E+02	-8.54E-03	-7.02E+00
2.71E+01	-9.30E+01	1.83E+02	2.20E-02	-7.01E+00
2.71E+01	-9.30E+01	1.84E+02	4.88E-03	-7.01E+00
2.71E+01	-9.30E+01	1.84E+02	1.95E-02	-7.02E+00
2.72E+01	-9.30E+01	1.84E+02	-2.20E-02	-7.00E+00
2.72E+01	-9.30E+01	1.84E+02	8.54E-03	-7.00E+00
2.72E+01	-9.30E+01	1.84E+02	-2.32E-02	-7.01E+00
2.72E+01	-9.30E+01	1.84E+02	-2.32E-02	-7.01E+00
2.72E+01	-9.30E+01	1.83E+02	-3.78E-02	-7.02E+00
2.73E+01	-9.30E+01	1.83E+02	-1.95E-02	-7.01E+00
2.73E+01	-9.30E+01	1.83E+02	-2.20E-02	-7.00E+00
2.73E+01	-9.30E+01	1.83E+02	-1.46E-02	-7.01E+00
2.73E+01	-9.30E+01	1.83E+02	-4.88E-03	-7.01E+00
2.73E+01	-9.30E+01	1.83E+02	1.95E-02	-7.00E+00
2.74E+01	-9.30E+01	1.84E+02	-1.34E-02	-6.99E+00
2.74E+01	-9.30E+01	1.84E+02	-2.20E-02	-6.98E+00
2.74E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.98E+00
2.74E+01	-9.30E+01	1.83E+02	-2.32E-02	-6.98E+00
2.74E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.99E+00
2.75E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.98E+00
2.75E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.97E+00
2.75E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.97E+00
2.75E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.97E+00
2.75E+01	-9.30E+01	1.83E+02	-4.52E-02	-6.98E+00
2.76E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.98E+00
2.76E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.98E+00
2.76E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.99E+00
2.76E+01	-9.30E+01	1.83E+02	-2.69E-02	-6.97E+00
2.76E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.98E+00
2.77E+01	-9.30E+01	1.83E+02	3.66E-03	-6.97E+00
2.77E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.97E+00
2.77E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.96E+00
2.77E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.96E+00
2.77E+01	-9.30E+01	1.83E+02	3.66E-03	-6.96E+00
2.78E+01	-9.30E+01	1.83E+02	-4.15E-02	-6.95E+00
2.78E+01	-9.30E+01	1.83E+02	-2.69E-02	-6.95E+00
2.78E+01	-9.30E+01	1.83E+02	-2.69E-02	-6.95E+00
2.78E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.95E+00
2.78E+01	-9.30E+01	1.83E+02	-2.81E-02	-6.95E+00
2.79E+01	-9.30E+01	1.83E+02	-6.35E-02	-6.94E+00

2.79E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.95E+00
2.79E+01	-9.30E+01	1.83E+02	-2.93E-02	-6.95E+00
2.79E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.95E+00
2.79E+01	-9.30E+01	1.83E+02	-1.22E-02	-6.93E+00
2.80E+01	-9.30E+01	1.83E+02	1.22E-02	-6.94E+00
2.80E+01	-9.30E+01	1.83E+02	-1.10E-02	-6.94E+00
2.80E+01	-9.30E+01	1.83E+02	-1.22E-03	-6.93E+00
2.80E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.93E+00
2.80E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.94E+00
2.81E+01	-9.30E+01	1.83E+02	-4.52E-02	-6.93E+00
2.81E+01	-9.30E+01	1.83E+02	-3.66E-02	-6.93E+00
2.81E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.94E+00
2.81E+01	-9.30E+01	1.83E+02	-2.81E-02	-6.94E+00
2.81E+01	-9.30E+01	1.83E+02	-3.05E-02	-6.94E+00
2.82E+01	-9.30E+01	1.83E+02	-1.34E-02	-6.93E+00
2.82E+01	-9.30E+01	1.83E+02	-2.44E-03	-6.94E+00
2.82E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.93E+00
2.82E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.92E+00
2.82E+01	-9.30E+01	1.83E+02	2.44E-03	-6.91E+00
2.83E+01	-9.30E+01	1.83E+02	0.00E+00	-6.92E+00
2.83E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.91E+00
2.83E+01	-9.30E+01	1.83E+02	-1.22E-02	-6.91E+00
2.83E+01	-9.30E+01	1.83E+02	-1.59E-02	-6.90E+00
2.83E+01	-9.30E+01	1.83E+02	-2.32E-02	-6.91E+00
2.84E+01	-9.30E+01	1.83E+02	-1.83E-02	-6.91E+00
2.84E+01	-9.30E+01	1.83E+02	-3.91E-02	-6.91E+00
2.84E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.91E+00
2.84E+01	-9.30E+01	1.83E+02	-1.83E-02	-6.91E+00
2.84E+01	-9.30E+01	1.83E+02	-4.64E-02	-6.91E+00
2.85E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.91E+00
2.85E+01	-9.30E+01	1.83E+02	2.32E-02	-6.90E+00
2.85E+01	-9.30E+01	1.83E+02	0.00E+00	-6.90E+00
2.85E+01	-9.30E+01	1.83E+02	-3.17E-02	-6.89E+00
2.85E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.89E+00
2.86E+01	-9.30E+01	1.83E+02	1.83E-02	-6.88E+00
2.86E+01	-9.30E+01	1.83E+02	-1.34E-02	-6.90E+00
2.86E+01	-9.30E+01	1.83E+02	-3.42E-02	-6.88E+00
2.86E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.87E+00
2.86E+01	-9.30E+01	1.83E+02	-2.56E-02	-6.89E+00
2.87E+01	-9.30E+01	1.83E+02	-3.17E-02	-6.89E+00
2.87E+01	-9.30E+01	1.83E+02	-2.81E-02	-6.88E+00
2.87E+01	-9.30E+01	1.83E+02	0.00E+00	-6.88E+00
2.87E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.88E+00
2.87E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.88E+00
2.88E+01	-9.30E+01	1.83E+02	0.00E+00	-6.87E+00
2.88E+01	-9.30E+01	1.83E+02	1.22E-02	-6.87E+00
2.88E+01	-9.30E+01	1.83E+02	-2.44E-03	-6.87E+00

2.88E+01	-9.30E+01	1.83E+02	-3.05E-02	-6.87E+00
2.88E+01	-9.30E+01	1.83E+02	-1.59E-02	-6.86E+00
2.89E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.87E+00
2.89E+01	-9.30E+01	1.83E+02	-3.66E-03	-6.86E+00
2.89E+01	-9.30E+01	1.83E+02	-4.15E-02	-6.86E+00
2.89E+01	-9.30E+01	1.83E+02	-5.13E-02	-6.86E+00
2.89E+01	-9.30E+01	1.83E+02	-2.20E-02	-6.87E+00
2.90E+01	-9.30E+01	1.83E+02	-5.86E-02	-6.86E+00
2.90E+01	-9.30E+01	1.82E+02	-4.15E-02	-6.86E+00
2.90E+01	-9.30E+01	1.82E+02	-8.54E-03	-6.86E+00
2.90E+01	-9.30E+01	1.83E+02	0.00E+00	-6.86E+00
2.90E+01	-9.30E+01	1.83E+02	-1.22E-03	-6.84E+00
2.91E+01	-9.30E+01	1.83E+02	-1.34E-02	-6.85E+00
2.91E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.86E+00
2.91E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.84E+00
2.91E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.85E+00
2.91E+01	-9.30E+01	1.83E+02	-2.93E-02	-6.84E+00
2.92E+01	-9.30E+01	1.83E+02	-3.17E-02	-6.85E+00
2.92E+01	-9.30E+01	1.82E+02	-3.17E-02	-6.84E+00
2.92E+01	-9.30E+01	1.83E+02	-3.91E-02	-6.85E+00
2.92E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.84E+00
2.92E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.84E+00
2.93E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.83E+00
2.93E+01	-9.30E+01	1.83E+02	-1.10E-02	-6.83E+00
2.93E+01	-9.30E+01	1.83E+02	-3.66E-03	-6.82E+00
2.93E+01	-9.30E+01	1.83E+02	-2.32E-02	-6.83E+00
2.93E+01	-9.30E+01	1.83E+02	-2.20E-02	-6.82E+00
2.94E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.82E+00
2.94E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.83E+00
2.94E+01	-9.30E+01	1.82E+02	-3.78E-02	-6.83E+00
2.94E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.82E+00
2.94E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.82E+00
2.95E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.83E+00
2.95E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.82E+00
2.95E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.81E+00
2.95E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.82E+00
2.95E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.80E+00
2.96E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.81E+00
2.96E+01	-9.30E+01	1.83E+02	2.44E-02	-6.80E+00
2.96E+01	-9.30E+01	1.83E+02	-1.22E-03	-6.80E+00
2.96E+01	-9.30E+01	1.82E+02	6.10E-03	-6.80E+00
2.96E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.80E+00
2.97E+01	-9.30E+01	1.83E+02	-1.34E-02	-6.79E+00
2.97E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.79E+00
2.97E+01	-9.30E+01	1.82E+02	-3.17E-02	-6.79E+00
2.97E+01	-9.30E+01	1.82E+02	-3.30E-02	-6.80E+00
2.97E+01	-9.30E+01	1.82E+02	-5.13E-02	-6.79E+00

2.98E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.79E+00
2.98E+01	-9.30E+01	1.82E+02	-3.78E-02	-6.79E+00
2.98E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.79E+00
2.98E+01	-9.30E+01	1.82E+02	-1.34E-02	-6.79E+00
2.98E+01	-9.30E+01	1.82E+02	2.44E-03	-6.79E+00
2.99E+01	-9.30E+01	1.82E+02	-1.10E-02	-6.79E+00
2.99E+01	-9.30E+01	1.82E+02	-6.10E-03	-6.78E+00
2.99E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.77E+00
2.99E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.78E+00
2.99E+01	-9.30E+01	1.82E+02	-2.32E-02	-6.77E+00
3.00E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.77E+00
3.00E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.76E+00
3.00E+01	-9.30E+01	1.82E+02	-4.15E-02	-6.76E+00
3.00E+01	-9.30E+01	1.82E+02	-2.69E-02	-6.76E+00
3.00E+01	-9.30E+01	1.82E+02	-2.32E-02	-6.77E+00
3.01E+01	-9.30E+01	1.82E+02	-3.30E-02	-6.76E+00
3.01E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.77E+00
3.01E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.77E+00
3.01E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.76E+00
3.01E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.76E+00
3.02E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.76E+00
3.02E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.76E+00
3.02E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.76E+00
3.02E+01	-9.30E+01	1.82E+02	3.66E-03	-6.76E+00
3.02E+01	-9.30E+01	1.82E+02	9.77E-03	-6.75E+00
3.03E+01	-9.30E+01	1.82E+02	1.71E-02	-6.76E+00
3.03E+01	-9.30E+01	1.82E+02	-8.54E-03	-6.74E+00
3.03E+01	-9.30E+01	1.82E+02	2.44E-03	-6.73E+00
3.03E+01	-9.30E+01	1.82E+02	-8.54E-03	-6.74E+00
3.03E+01	-9.30E+01	1.82E+02	-3.05E-02	-6.72E+00
3.04E+01	-9.30E+01	1.82E+02	-3.30E-02	-6.73E+00
3.04E+01	-9.30E+01	1.82E+02	-3.30E-02	-6.74E+00
3.04E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.74E+00
3.04E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.75E+00
3.04E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.74E+00
3.05E+01	-9.30E+01	1.82E+02	6.10E-03	-6.75E+00
3.05E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.73E+00
3.05E+01	-9.30E+01	1.82E+02	2.44E-03	-6.73E+00
3.05E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.72E+00
3.05E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.72E+00
3.06E+01	-9.30E+01	1.82E+02	4.88E-03	-6.72E+00
3.06E+01	-9.30E+01	1.82E+02	4.88E-03	-6.72E+00
3.06E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.71E+00
3.06E+01	-9.30E+01	1.82E+02	-3.66E-03	-6.71E+00
3.06E+01	-9.30E+01	1.82E+02	7.32E-03	-6.71E+00
3.07E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.71E+00
3.07E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.70E+00

3.07E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.70E+00
3.07E+01	-9.30E+01	1.82E+02	-4.52E-02	-6.71E+00
3.07E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.71E+00
3.08E+01	-9.30E+01	1.82E+02	-3.91E-02	-6.70E+00
3.08E+01	-9.30E+01	1.82E+02	-3.42E-02	-6.70E+00
3.08E+01	-9.30E+01	1.82E+02	-5.25E-02	-6.70E+00
3.08E+01	-9.30E+01	1.82E+02	-3.17E-02	-6.71E+00
3.08E+01	-9.30E+01	1.82E+02	-4.03E-02	-6.70E+00
3.09E+01	-9.30E+01	1.82E+02	-2.69E-02	-6.70E+00
3.09E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.71E+00
3.09E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.70E+00
3.09E+01	-9.30E+01	1.82E+02	-3.42E-02	-6.69E+00
3.09E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.68E+00
3.10E+01	-9.30E+01	1.82E+02	-1.59E-02	-6.69E+00
3.10E+01	-9.30E+01	1.82E+02	0.00E+00	-6.68E+00
3.10E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.68E+00
3.10E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.67E+00
3.10E+01	-9.30E+01	1.82E+02	2.44E-03	-6.67E+00
3.11E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.68E+00
3.11E+01	-9.30E+01	1.82E+02	-1.34E-02	-6.67E+00
3.11E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.66E+00
3.11E+01	-9.30E+01	1.82E+02	-3.66E-03	-6.66E+00
3.11E+01	-9.30E+01	1.82E+02	-6.10E-03	-6.67E+00
3.12E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.67E+00
3.12E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.67E+00
3.12E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.66E+00
3.12E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.67E+00
3.12E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.67E+00
3.13E+01	-9.30E+01	1.82E+02	-2.81E-02	-6.67E+00
3.13E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.67E+00
3.13E+01	-9.30E+01	1.82E+02	1.46E-02	-6.67E+00
3.13E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.65E+00
3.13E+01	-9.30E+01	1.82E+02	9.77E-03	-6.65E+00
3.14E+01	-9.30E+01	1.82E+02	3.17E-02	-6.65E+00
3.14E+01	-9.30E+01	1.82E+02	-2.81E-02	-6.64E+00
3.14E+01	-9.30E+01	1.82E+02	0.00E+00	-6.65E+00
3.14E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.64E+00
3.14E+01	-9.30E+01	1.82E+02	-5.86E-02	-6.64E+00
3.15E+01	-9.30E+01	1.82E+02	-2.81E-02	-6.65E+00
3.15E+01	-9.30E+01	1.82E+02	3.66E-03	-6.64E+00
3.15E+01	-9.30E+01	1.82E+02	2.44E-03	-6.65E+00
3.15E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.66E+00
3.15E+01	-9.30E+01	1.82E+02	0.00E+00	-6.64E+00
3.16E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.63E+00
3.16E+01	-9.30E+01	1.82E+02	2.44E-03	-6.63E+00
3.16E+01	-9.30E+01	1.82E+02	-3.30E-02	-6.61E+00
3.16E+01	-9.30E+01	1.82E+02	-3.05E-02	-6.63E+00

3.16E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.64E+00
3.17E+01	-9.30E+01	1.82E+02	-3.17E-02	-6.64E+00
3.17E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.63E+00
3.17E+01	-9.30E+01	1.82E+02	4.88E-03	-6.63E+00
3.17E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.62E+00
3.17E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.61E+00
3.18E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.62E+00
3.18E+01	-9.30E+01	1.82E+02	-2.08E-02	-6.61E+00
3.18E+01	-9.30E+01	1.82E+02	-3.66E-02	-6.62E+00
3.18E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.61E+00
3.18E+01	-9.30E+01	1.82E+02	-2.56E-02	-6.61E+00
3.19E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.62E+00
3.19E+01	-9.30E+01	1.82E+02	-3.66E-02	-6.61E+00
3.19E+01	-9.30E+01	1.81E+02	-5.13E-02	-6.61E+00
3.19E+01	-9.30E+01	1.82E+02	-1.10E-02	-6.61E+00
3.19E+01	-9.30E+01	1.82E+02	-3.05E-02	-6.61E+00
3.20E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.60E+00
3.20E+01	-9.30E+01	1.82E+02	1.95E-02	-6.59E+00
3.20E+01	-9.30E+01	1.82E+02	4.88E-03	-6.61E+00
3.20E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.59E+00
3.20E+01	-9.30E+01	1.82E+02	-1.10E-02	-6.60E+00
3.21E+01	-9.30E+01	1.82E+02	-1.34E-02	-6.59E+00
3.21E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.60E+00
3.21E+01	-9.30E+01	1.82E+02	-3.78E-02	-6.58E+00
3.21E+01	-9.30E+01	1.82E+02	-3.54E-02	-6.59E+00
3.21E+01	-9.30E+01	1.81E+02	-1.59E-02	-6.58E+00
3.22E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.59E+00
3.22E+01	-9.30E+01	1.81E+02	-3.66E-02	-6.59E+00
3.22E+01	-9.30E+01	1.82E+02	-3.42E-02	-6.59E+00
3.22E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.58E+00
3.22E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.58E+00
3.23E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.59E+00
3.23E+01	-9.30E+01	1.81E+02	-1.10E-02	-6.59E+00
3.23E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.58E+00
3.23E+01	-9.30E+01	1.81E+02	4.88E-03	-6.57E+00
3.23E+01	-9.30E+01	1.81E+02	-8.54E-03	-6.56E+00
3.24E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.56E+00
3.24E+01	-9.30E+01	1.81E+02	-2.44E-03	-6.57E+00
3.24E+01	-9.30E+01	1.81E+02	-4.15E-02	-6.56E+00
3.24E+01	-9.30E+01	1.81E+02	-4.64E-02	-6.56E+00
3.24E+01	-9.30E+01	1.81E+02	-1.34E-02	-6.57E+00
3.25E+01	-9.30E+01	1.81E+02	1.34E-02	-6.57E+00
3.25E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.56E+00
3.25E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.55E+00
3.25E+01	-9.30E+01	1.81E+02	4.88E-03	-6.55E+00
3.25E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.54E+00
3.26E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.54E+00

3.26E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.55E+00
3.26E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.55E+00
3.26E+01	-9.30E+01	1.81E+02	-3.42E-02	-6.56E+00
3.26E+01	-9.30E+01	1.81E+02	-3.66E-02	-6.54E+00
3.27E+01	-9.30E+01	1.81E+02	-4.15E-02	-6.53E+00
3.27E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.55E+00
3.27E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.54E+00
3.27E+01	-9.30E+01	1.81E+02	0.00E+00	-6.54E+00
3.27E+01	-9.30E+01	1.81E+02	7.32E-03	-6.53E+00
3.28E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.53E+00
3.28E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.53E+00
3.28E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.54E+00
3.28E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.54E+00
3.28E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.53E+00
3.29E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.53E+00
3.29E+01	-9.30E+01	1.80E+02	-1.10E-02	-6.53E+00
3.29E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.52E+00
3.29E+01	-9.30E+01	1.80E+02	4.88E-03	-6.52E+00
3.29E+01	-9.30E+01	1.81E+02	0.00E+00	-6.51E+00
3.30E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.51E+00
3.30E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.51E+00
3.30E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.50E+00
3.30E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.51E+00
3.30E+01	-9.30E+01	1.80E+02	-6.71E-02	-6.51E+00
3.31E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.51E+00
3.31E+01	-9.30E+01	1.80E+02	1.10E-02	-6.51E+00
3.31E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.51E+00
3.31E+01	-9.30E+01	1.80E+02	-3.91E-02	-6.51E+00
3.31E+01	-9.30E+01	1.80E+02	-1.22E-03	-6.50E+00
3.32E+01	-9.30E+01	1.80E+02	-1.22E-03	-6.49E+00
3.32E+01	-9.30E+01	1.81E+02	-6.10E-03	-6.50E+00
3.32E+01	-9.30E+01	1.81E+02	9.77E-03	-6.48E+00
3.32E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.50E+00
3.32E+01	-9.30E+01	1.81E+02	0.00E+00	-6.49E+00
3.33E+01	-9.30E+01	1.81E+02	-3.66E-02	-6.49E+00
3.33E+01	-9.30E+01	1.80E+02	-3.91E-02	-6.49E+00
3.33E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.49E+00
3.33E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.49E+00
3.33E+01	-9.30E+01	1.80E+02	0.00E+00	-6.47E+00
3.34E+01	-9.30E+01	1.80E+02	0.00E+00	-6.48E+00
3.34E+01	-9.30E+01	1.80E+02	-2.08E-02	-6.48E+00
3.34E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.47E+00
3.34E+01	-9.30E+01	1.81E+02	-8.54E-03	-6.46E+00
3.34E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.47E+00
3.35E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.48E+00
3.35E+01	-9.30E+01	1.80E+02	-3.66E-02	-6.47E+00
3.35E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.47E+00

3.35E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.48E+00
3.35E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.47E+00
3.36E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.47E+00
3.36E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.46E+00
3.36E+01	-9.30E+01	1.80E+02	-2.32E-02	-6.46E+00
3.36E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.45E+00
3.36E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.44E+00
3.37E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.45E+00
3.37E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.46E+00
3.37E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.45E+00
3.37E+01	-9.30E+01	1.80E+02	-3.05E-02	-6.44E+00
3.37E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.46E+00
3.38E+01	-9.30E+01	1.80E+02	-4.39E-02	-6.44E+00
3.38E+01	-9.30E+01	1.80E+02	-1.83E-02	-6.45E+00
3.38E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.44E+00
3.38E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.45E+00
3.38E+01	-9.30E+01	1.80E+02	4.88E-03	-6.43E+00
3.39E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.44E+00
3.39E+01	-9.30E+01	1.80E+02	7.32E-03	-6.44E+00
3.39E+01	-9.30E+01	1.80E+02	-1.10E-02	-6.43E+00
3.39E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.43E+00
3.39E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.43E+00
3.40E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.43E+00
3.40E+01	-9.30E+01	1.80E+02	-3.91E-02	-6.43E+00
3.40E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.44E+00
3.40E+01	-9.30E+01	1.80E+02	-1.10E-02	-6.44E+00
3.40E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.43E+00
3.41E+01	-9.30E+01	1.80E+02	2.44E-03	-6.42E+00
3.41E+01	-9.30E+01	1.80E+02	0.00E+00	-6.42E+00
3.41E+01	-9.30E+01	1.79E+02	1.71E-02	-6.42E+00
3.41E+01	-9.30E+01	1.80E+02	0.00E+00	-6.41E+00
3.41E+01	-9.30E+01	1.80E+02	1.59E-02	-6.41E+00
3.42E+01	-9.30E+01	1.80E+02	-1.83E-02	-6.41E+00
3.42E+01	-9.30E+01	1.80E+02	-5.62E-02	-6.40E+00
3.42E+01	-9.30E+01	1.80E+02	-4.39E-02	-6.42E+00
3.42E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.41E+00
3.42E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.41E+00
3.43E+01	-9.30E+01	1.79E+02	-3.66E-02	-6.42E+00
3.43E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.42E+00
3.43E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.41E+00
3.43E+01	-9.30E+01	1.79E+02	1.22E-03	-6.41E+00
3.43E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.40E+00
3.44E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.39E+00
3.44E+01	-9.30E+01	1.80E+02	-1.22E-03	-6.39E+00
3.44E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.39E+00
3.44E+01	-9.30E+01	1.80E+02	-3.30E-02	-6.39E+00
3.44E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.39E+00

3.45E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.39E+00
3.45E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.40E+00
3.45E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.39E+00
3.45E+01	-9.30E+01	1.79E+02	-1.22E-03	-6.39E+00
3.45E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.39E+00
3.46E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.39E+00
3.46E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.38E+00
3.46E+01	-9.30E+01	1.79E+02	9.77E-03	-6.38E+00
3.46E+01	-9.30E+01	1.79E+02	3.66E-03	-6.37E+00
3.46E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.37E+00
3.47E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.35E+00
3.47E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.36E+00
3.47E+01	-9.30E+01	1.79E+02	-3.91E-02	-6.38E+00
3.47E+01	-9.30E+01	1.79E+02	-3.30E-02	-6.37E+00
3.47E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.37E+00
3.48E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.38E+00
3.48E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.35E+00
3.48E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.36E+00
3.48E+01	-9.30E+01	1.79E+02	1.22E-03	-6.36E+00
3.48E+01	-9.30E+01	1.79E+02	-1.59E-02	-6.35E+00
3.49E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.36E+00
3.49E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.35E+00
3.49E+01	-9.30E+01	1.79E+02	-3.91E-02	-6.36E+00
3.49E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.35E+00
3.49E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.35E+00
3.50E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.36E+00
3.50E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.35E+00
3.50E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.34E+00
3.50E+01	-9.30E+01	1.79E+02	6.10E-03	-6.35E+00
3.50E+01	-9.30E+01	1.79E+02	7.32E-03	-6.34E+00
3.51E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.34E+00
3.51E+01	-9.30E+01	1.79E+02	4.88E-03	-6.33E+00
3.51E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.32E+00
3.51E+01	-9.30E+01	1.80E+02	7.32E-03	-6.33E+00
3.51E+01	-9.30E+01	1.79E+02	-3.66E-03	-6.33E+00
3.52E+01	-9.30E+01	1.79E+02	1.22E-02	-6.32E+00
3.52E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.32E+00
3.52E+01	-9.30E+01	1.80E+02	-4.88E-02	-6.32E+00
3.52E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.32E+00
3.52E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.32E+00
3.53E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.33E+00
3.53E+01	-9.30E+01	1.79E+02	-4.64E-02	-6.33E+00
3.53E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.33E+00
3.53E+01	-9.30E+01	1.79E+02	1.22E-02	-6.33E+00
3.53E+01	-9.30E+01	1.79E+02	0.00E+00	-6.32E+00
3.54E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.32E+00
3.54E+01	-9.30E+01	1.79E+02	-3.66E-03	-6.30E+00

3.54E+01	-9.30E+01	1.80E+02	4.88E-03	-6.30E+00
3.54E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.29E+00
3.54E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.31E+00
3.55E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.30E+00
3.55E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.29E+00
3.55E+01	-9.30E+01	1.79E+02	-2.32E-02	-6.29E+00
3.55E+01	-9.30E+01	1.79E+02	-4.27E-02	-6.31E+00
3.55E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.31E+00
3.56E+01	-9.30E+01	1.79E+02	-1.34E-02	-6.30E+00
3.56E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.30E+00
3.56E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.30E+00
3.56E+01	-9.30E+01	1.79E+02	-3.66E-03	-6.30E+00
3.56E+01	-9.30E+01	1.79E+02	1.22E-02	-6.30E+00
3.57E+01	-9.30E+01	1.79E+02	-3.66E-03	-6.29E+00
3.57E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.28E+00
3.57E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.28E+00
3.57E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.29E+00
3.57E+01	-9.30E+01	1.79E+02	-5.13E-02	-6.29E+00
3.58E+01	-9.30E+01	1.79E+02	-3.66E-02	-6.28E+00
3.58E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.29E+00
3.58E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.28E+00
3.58E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.29E+00
3.58E+01	-9.30E+01	1.79E+02	-5.13E-02	-6.27E+00
3.59E+01	-9.30E+01	1.79E+02	2.44E-03	-6.28E+00
3.59E+01	-9.30E+01	1.79E+02	1.34E-02	-6.27E+00
3.59E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.27E+00
3.59E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.27E+00
3.59E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.26E+00
3.60E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.24E+00
3.60E+01	-9.30E+01	1.79E+02	-3.54E-02	-6.26E+00
3.60E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.26E+00
3.60E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.26E+00
3.60E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.25E+00
3.61E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.26E+00
3.61E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.26E+00
3.61E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.26E+00
3.61E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.26E+00
3.61E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.24E+00
3.62E+01	-9.30E+01	1.79E+02	-6.10E-03	-6.25E+00
3.62E+01	-9.30E+01	1.79E+02	0.00E+00	-6.24E+00
3.62E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.24E+00
3.62E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.23E+00
3.62E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.24E+00
3.63E+01	-9.30E+01	1.79E+02	-3.66E-02	-6.24E+00
3.63E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.24E+00
3.63E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.24E+00
3.63E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.24E+00

3.63E+01	-9.30E+01	1.79E+02	-4.03E-02	-6.24E+00
3.64E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.23E+00
3.64E+01	-9.30E+01	1.79E+02	1.22E-03	-6.23E+00
3.64E+01	-9.30E+01	1.79E+02	3.66E-03	-6.22E+00
3.64E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.21E+00
3.64E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.21E+00
3.65E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.21E+00
3.65E+01	-9.30E+01	1.79E+02	-2.08E-02	-6.21E+00
3.65E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.22E+00
3.65E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.21E+00
3.65E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.20E+00
3.66E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.21E+00
3.66E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.21E+00
3.66E+01	-9.30E+01	1.79E+02	-3.30E-02	-6.20E+00
3.66E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.21E+00
3.66E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.23E+00
3.67E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.21E+00
3.67E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.20E+00
3.67E+01	-9.30E+01	1.79E+02	-2.44E-03	-6.20E+00
3.67E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.19E+00
3.67E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.18E+00
3.68E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.18E+00
3.68E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.19E+00
3.68E+01	-9.30E+01	1.78E+02	-3.42E-02	-6.19E+00
3.68E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.19E+00
3.68E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.19E+00
3.69E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.20E+00
3.69E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.19E+00
3.69E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.19E+00
3.69E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.19E+00
3.69E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.19E+00
3.70E+01	-9.30E+01	1.78E+02	0.00E+00	-6.19E+00
3.70E+01	-9.30E+01	1.78E+02	-3.66E-02	-6.18E+00
3.70E+01	-9.30E+01	1.78E+02	8.54E-03	-6.18E+00
3.70E+01	-9.30E+01	1.78E+02	4.88E-03	-6.17E+00
3.70E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.17E+00
3.71E+01	-9.30E+01	1.79E+02	8.54E-03	-6.16E+00
3.71E+01	-9.30E+01	1.79E+02	-3.66E-03	-6.16E+00
3.71E+01	-9.30E+01	1.79E+02	-3.17E-02	-6.16E+00
3.71E+01	-9.30E+01	1.79E+02	-2.93E-02	-6.16E+00
3.71E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.15E+00
3.72E+01	-9.30E+01	1.78E+02	-2.56E-02	-6.17E+00
3.72E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.18E+00
3.72E+01	-9.30E+01	1.78E+02	-3.42E-02	-6.16E+00
3.72E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.15E+00
3.72E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.16E+00
3.73E+01	-9.30E+01	1.78E+02	0.00E+00	-6.16E+00

3.73E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.15E+00
3.73E+01	-9.30E+01	1.78E+02	9.77E-03	-6.14E+00
3.73E+01	-9.30E+01	1.78E+02	1.22E-03	-6.14E+00
3.73E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.14E+00
3.74E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.13E+00
3.74E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.14E+00
3.74E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.14E+00
3.74E+01	-9.30E+01	1.78E+02	-3.54E-02	-6.14E+00
3.74E+01	-9.30E+01	1.78E+02	-2.81E-02	-6.14E+00
3.75E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.14E+00
3.75E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.14E+00
3.75E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.14E+00
3.75E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.13E+00
3.75E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.12E+00
3.76E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.13E+00
3.76E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.12E+00
3.76E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.12E+00
3.76E+01	-9.30E+01	1.78E+02	-3.42E-02	-6.11E+00
3.76E+01	-9.30E+01	1.78E+02	-5.37E-02	-6.12E+00
3.77E+01	-9.30E+01	1.78E+02	-3.42E-02	-6.13E+00
3.77E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.12E+00
3.77E+01	-9.30E+01	1.78E+02	-3.42E-02	-6.13E+00
3.77E+01	-9.30E+01	1.78E+02	-4.15E-02	-6.12E+00
3.77E+01	-9.30E+01	1.78E+02	-3.66E-03	-6.13E+00
3.78E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.12E+00
3.78E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.12E+00
3.78E+01	-9.30E+01	1.78E+02	-7.32E-03	-6.10E+00
3.78E+01	-9.30E+01	1.78E+02	-1.22E-03	-6.11E+00
3.78E+01	-9.30E+01	1.78E+02	4.88E-03	-6.10E+00
3.79E+01	-9.30E+01	1.78E+02	-1.71E-02	-6.09E+00
3.79E+01	-9.30E+01	1.78E+02	-3.17E-02	-6.10E+00
3.79E+01	-9.30E+01	1.78E+02	-2.93E-02	-6.10E+00
3.79E+01	-9.30E+01	1.78E+02	-4.52E-02	-6.09E+00
3.79E+01	-9.30E+01	1.78E+02	-3.17E-02	-6.09E+00
3.80E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.10E+00
3.80E+01	-9.30E+01	1.78E+02	-2.44E-02	-6.10E+00
3.80E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.09E+00
3.80E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.09E+00
3.80E+01	-9.30E+01	1.78E+02	-3.66E-03	-6.09E+00
3.81E+01	-9.30E+01	1.78E+02	9.77E-03	-6.09E+00
3.81E+01	-9.30E+01	1.78E+02	-6.10E-03	-6.08E+00
3.81E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.07E+00
3.81E+01	-9.30E+01	1.78E+02	-1.46E-02	-6.07E+00
3.81E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.08E+00
3.82E+01	-9.30E+01	1.78E+02	-2.08E-02	-6.07E+00
3.82E+01	-9.30E+01	1.78E+02	-3.42E-02	-6.07E+00
3.82E+01	-9.30E+01	1.78E+02	0.00E+00	-6.09E+00

3.82E+01	-9.30E+01	1.78E+02	-3.42E-02	-6.08E+00
3.82E+01	-9.30E+01	1.78E+02	-3.42E-02	-6.06E+00
3.83E+01	-9.30E+01	1.78E+02	-1.83E-02	-6.08E+00
3.83E+01	-9.30E+01	1.78E+02	-2.08E-02	-6.08E+00
3.83E+01	-9.30E+01	1.78E+02	-6.10E-03	-6.07E+00
3.83E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.08E+00
3.83E+01	-9.30E+01	1.78E+02	1.22E-02	-6.06E+00
3.84E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.06E+00
3.84E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.05E+00
3.84E+01	-9.30E+01	1.78E+02	-1.22E-02	-6.06E+00
3.84E+01	-9.30E+01	1.78E+02	-2.56E-02	-6.06E+00
3.84E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.05E+00
3.85E+01	-9.30E+01	1.77E+02	-3.30E-02	-6.05E+00
3.85E+01	-9.30E+01	1.77E+02	-9.77E-03	-6.06E+00
3.85E+01	-9.30E+01	1.77E+02	-1.22E-02	-6.06E+00
3.85E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.05E+00
3.85E+01	-9.30E+01	1.78E+02	-1.22E-03	-6.04E+00
3.86E+01	-9.30E+01	1.78E+02	1.22E-02	-6.04E+00
3.86E+01	-9.30E+01	1.78E+02	-2.20E-02	-6.04E+00
3.86E+01	-9.30E+01	1.78E+02	-9.77E-03	-6.03E+00
3.86E+01	-9.30E+01	1.78E+02	-1.10E-02	-6.03E+00
3.86E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.03E+00
3.87E+01	-9.30E+01	1.78E+02	-3.05E-02	-6.03E+00
3.87E+01	-9.30E+01	1.78E+02	-3.66E-02	-6.03E+00
3.87E+01	-9.30E+01	1.78E+02	-8.54E-03	-6.03E+00
3.87E+01	-9.30E+01	1.78E+02	-2.69E-02	-6.04E+00
3.87E+01	-9.30E+01	1.77E+02	-2.20E-02	-6.04E+00
3.88E+01	-9.30E+01	1.78E+02	-6.10E-03	-6.03E+00
3.88E+01	-9.30E+01	1.78E+02	4.39E-02	-6.02E+00
3.88E+01	-9.30E+01	1.78E+02	-4.88E-03	-6.02E+00
3.88E+01	-9.30E+01	1.78E+02	7.32E-03	-6.01E+00
3.88E+01	-9.30E+01	1.78E+02	-1.59E-02	-6.01E+00
3.89E+01	-9.30E+01	1.78E+02	7.32E-03	-6.01E+00
3.89E+01	-9.30E+01	1.78E+02	-2.93E-02	-6.01E+00
3.89E+01	-9.30E+01	1.78E+02	-5.13E-02	-6.02E+00
3.89E+01	-9.30E+01	1.78E+02	-2.32E-02	-6.02E+00
3.89E+01	-9.30E+01	1.77E+02	-4.15E-02	-6.02E+00
3.90E+01	-9.30E+01	1.77E+02	-3.17E-02	-6.02E+00
3.90E+01	-9.30E+01	1.77E+02	-3.17E-02	-6.02E+00
3.90E+01	-9.30E+01	1.78E+02	-1.34E-02	-6.00E+00
3.90E+01	-9.30E+01	1.78E+02	-1.95E-02	-6.02E+00
3.90E+01	-9.30E+01	1.77E+02	-2.44E-02	-6.01E+00
3.91E+01	-9.30E+01	1.77E+02	-1.46E-02	-6.01E+00
3.91E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.00E+00
3.91E+01	-9.30E+01	1.78E+02	-2.44E-03	-6.00E+00
3.91E+01	-9.30E+01	1.78E+02	-8.54E-03	-5.99E+00
3.91E+01	-9.30E+01	1.78E+02	0.00E+00	-5.99E+00

3.92E+01	-9.30E+01	1.77E+02	8.54E-03	-5.99E+00
3.92E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.99E+00
3.92E+01	-9.30E+01	1.78E+02	-1.83E-02	-5.99E+00
3.92E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.98E+00
3.92E+01	-9.30E+01	1.78E+02	-3.05E-02	-5.99E+00
3.93E+01	-9.30E+01	1.77E+02	-5.37E-02	-5.99E+00
3.93E+01	-9.30E+01	1.78E+02	-3.42E-02	-5.99E+00
3.93E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.99E+00
3.93E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.99E+00
3.93E+01	-9.30E+01	1.77E+02	1.22E-02	-5.99E+00
3.94E+01	-9.30E+01	1.77E+02	-6.10E-03	-5.98E+00
3.94E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.98E+00
3.94E+01	-9.30E+01	1.77E+02	2.44E-03	-5.97E+00
3.94E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.96E+00
3.94E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.96E+00
3.95E+01	-9.30E+01	1.78E+02	-1.10E-02	-5.97E+00
3.95E+01	-9.30E+01	1.78E+02	2.44E-03	-5.96E+00
3.95E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.97E+00
3.95E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.96E+00
3.95E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.95E+00
3.96E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.95E+00
3.96E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.96E+00
3.96E+01	-9.30E+01	1.78E+02	-4.15E-02	-5.95E+00
3.96E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.96E+00
3.96E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.96E+00
3.97E+01	-9.30E+01	1.77E+02	-1.59E-02	-5.96E+00
3.97E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.95E+00
3.97E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.94E+00
3.97E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.95E+00
3.97E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.94E+00
3.98E+01	-9.30E+01	1.78E+02	1.22E-03	-5.93E+00
3.98E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.93E+00
3.98E+01	-9.30E+01	1.77E+02	-4.39E-02	-5.93E+00
3.98E+01	-9.30E+01	1.78E+02	-3.30E-02	-5.93E+00
3.98E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.94E+00
3.99E+01	-9.30E+01	1.77E+02	-2.56E-02	-5.94E+00
3.99E+01	-9.30E+01	1.77E+02	0.00E+00	-5.94E+00
3.99E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.93E+00
3.99E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.94E+00
3.99E+01	-9.30E+01	1.77E+02	0.00E+00	-5.94E+00
4.00E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.92E+00
4.00E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.90E+00
4.00E+01	-9.30E+01	1.78E+02	-1.22E-03	-5.92E+00
4.00E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.90E+00
4.00E+01	-9.30E+01	1.78E+02	-2.08E-02	-5.91E+00
4.01E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.91E+00
4.01E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.91E+00

4.01E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.91E+00
4.01E+01	-9.30E+01	1.78E+02	-4.64E-02	-5.91E+00
4.01E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.92E+00
4.02E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.91E+00
4.02E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.91E+00
4.02E+01	-9.30E+01	1.78E+02	3.66E-03	-5.91E+00
4.02E+01	-9.30E+01	1.77E+02	8.54E-03	-5.91E+00
4.02E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.90E+00
4.03E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.90E+00
4.03E+01	-9.30E+01	1.78E+02	0.00E+00	-5.89E+00
4.03E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.89E+00
4.03E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.89E+00
4.03E+01	-9.30E+01	1.77E+02	-3.78E-02	-5.89E+00
4.04E+01	-9.30E+01	1.78E+02	-8.54E-03	-5.88E+00
4.04E+01	-9.30E+01	1.78E+02	0.00E+00	-5.88E+00
4.04E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.88E+00
4.04E+01	-9.30E+01	1.77E+02	-6.35E-02	-5.89E+00
4.04E+01	-9.30E+01	1.77E+02	-4.88E-02	-5.88E+00
4.05E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.89E+00
4.05E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.90E+00
4.05E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.89E+00
4.05E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.87E+00
4.05E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.88E+00
4.06E+01	-9.30E+01	1.77E+02	0.00E+00	-5.89E+00
4.06E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.88E+00
4.06E+01	-9.30E+01	1.77E+02	4.88E-03	-5.86E+00
4.06E+01	-9.30E+01	1.77E+02	7.32E-03	-5.87E+00
4.06E+01	-9.30E+01	1.77E+02	1.22E-02	-5.88E+00
4.07E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.86E+00
4.07E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.85E+00
4.07E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.85E+00
4.07E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.85E+00
4.07E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.85E+00
4.08E+01	-9.30E+01	1.77E+02	0.00E+00	-5.85E+00
4.08E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.84E+00
4.08E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.85E+00
4.08E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.85E+00
4.08E+01	-9.30E+01	1.77E+02	-4.39E-02	-5.85E+00
4.09E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.85E+00
4.09E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.86E+00
4.09E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.85E+00
4.09E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.84E+00
4.09E+01	-9.30E+01	1.77E+02	2.44E-03	-5.84E+00
4.10E+01	-9.30E+01	1.77E+02	2.44E-03	-5.83E+00
4.10E+01	-9.30E+01	1.77E+02	0.00E+00	-5.83E+00
4.10E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.83E+00
4.10E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.82E+00

4.10E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.83E+00
4.11E+01	-9.30E+01	1.77E+02	-5.86E-02	-5.82E+00
4.11E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.83E+00
4.11E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.83E+00
4.11E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.82E+00
4.11E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.83E+00
4.12E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.83E+00
4.12E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.83E+00
4.12E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.81E+00
4.12E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.82E+00
4.12E+01	-9.30E+01	1.77E+02	0.00E+00	-5.83E+00
4.13E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.81E+00
4.13E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.79E+00
4.13E+01	-9.30E+01	1.77E+02	-1.83E-02	-5.80E+00
4.13E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.80E+00
4.13E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.80E+00
4.14E+01	-9.30E+01	1.77E+02	-3.66E-02	-5.80E+00
4.14E+01	-9.30E+01	1.77E+02	-4.27E-02	-5.80E+00
4.14E+01	-9.30E+01	1.77E+02	-2.56E-02	-5.80E+00
4.14E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.81E+00
4.14E+01	-9.30E+01	1.76E+02	-3.30E-02	-5.81E+00
4.15E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.80E+00
4.15E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.80E+00
4.15E+01	-9.30E+01	1.77E+02	-1.34E-02	-5.80E+00
4.15E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.80E+00
4.15E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.79E+00
4.16E+01	-9.30E+01	1.76E+02	1.95E-02	-5.79E+00
4.16E+01	-9.30E+01	1.77E+02	3.17E-02	-5.79E+00
4.16E+01	-9.30E+01	1.77E+02	0.00E+00	-5.78E+00
4.16E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.77E+00
4.16E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.77E+00
4.17E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.77E+00
4.17E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.77E+00
4.17E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.76E+00
4.17E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.77E+00
4.17E+01	-9.30E+01	1.77E+02	-3.66E-02	-5.78E+00
4.18E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.77E+00
4.18E+01	-9.30E+01	1.76E+02	-4.64E-02	-5.77E+00
4.18E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.77E+00
4.18E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.77E+00
4.18E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.77E+00
4.19E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.77E+00
4.19E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.77E+00
4.19E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.77E+00
4.19E+01	-9.30E+01	1.76E+02	-2.32E-02	-5.77E+00
4.19E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.75E+00
4.20E+01	-9.30E+01	1.76E+02	1.10E-02	-5.76E+00

4.20E+01	-9.30E+01	1.76E+02	0.00E+00	-5.76E+00
4.20E+01	-9.30E+01	1.76E+02	4.88E-03	-5.75E+00
4.20E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.75E+00
4.20E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.74E+00
4.21E+01	-9.30E+01	1.76E+02	6.10E-03	-5.75E+00
4.21E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.74E+00
4.21E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.73E+00
4.21E+01	-9.30E+01	1.76E+02	1.46E-02	-5.74E+00
4.21E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.73E+00
4.22E+01	-9.30E+01	1.76E+02	-4.88E-02	-5.74E+00
4.22E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.74E+00
4.22E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.74E+00
4.22E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.73E+00
4.22E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.74E+00
4.23E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.75E+00
4.23E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.73E+00
4.23E+01	-9.30E+01	1.76E+02	7.32E-03	-5.74E+00
4.23E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.72E+00
4.23E+01	-9.30E+01	1.76E+02	-8.54E-03	-5.71E+00
4.24E+01	-9.30E+01	1.76E+02	7.32E-03	-5.72E+00
4.24E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.72E+00
4.24E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.71E+00
4.24E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.70E+00
4.24E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.71E+00
4.25E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.70E+00
4.25E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.71E+00
4.25E+01	-9.30E+01	1.76E+02	-4.64E-02	-5.70E+00
4.25E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.70E+00
4.25E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.71E+00
4.26E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.71E+00
4.26E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.71E+00
4.26E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.70E+00
4.26E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.71E+00
4.26E+01	-9.30E+01	1.76E+02	-4.88E-02	-5.71E+00
4.27E+01	-9.30E+01	1.76E+02	-4.15E-02	-5.70E+00
4.27E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.71E+00
4.27E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.70E+00
4.27E+01	-9.30E+01	1.76E+02	-5.13E-02	-5.70E+00
4.27E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.70E+00
4.28E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.71E+00
4.28E+01	-9.30E+01	1.76E+02	-2.32E-02	-5.69E+00
4.28E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.69E+00
4.28E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.69E+00
4.28E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.71E+00
4.29E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.68E+00
4.29E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.67E+00
4.29E+01	-9.30E+01	1.76E+02	1.22E-03	-5.68E+00

4.29E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.67E+00
4.29E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.66E+00
4.30E+01	-9.30E+01	1.76E+02	1.22E-03	-5.67E+00
4.30E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.66E+00
4.30E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.66E+00
4.30E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.66E+00
4.30E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.66E+00
4.31E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.66E+00
4.31E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.65E+00
4.31E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.65E+00
4.31E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.65E+00
4.31E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.65E+00
4.32E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.66E+00
4.32E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.66E+00
4.32E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.65E+00
4.32E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.65E+00
4.32E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.66E+00
4.33E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.66E+00
4.33E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.63E+00
4.33E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.64E+00
4.33E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.65E+00
4.33E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.63E+00
4.34E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.63E+00
4.34E+01	-9.30E+01	1.76E+02	-1.83E-02	-5.63E+00
4.34E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.62E+00
4.34E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.63E+00
4.34E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.63E+00
4.35E+01	-9.30E+01	1.75E+02	-2.32E-02	-5.64E+00
4.35E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.64E+00
4.35E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.63E+00
4.35E+01	-9.30E+01	1.76E+02	2.44E-03	-5.63E+00
4.35E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.63E+00
4.36E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.62E+00
4.36E+01	-9.30E+01	1.76E+02	1.71E-02	-5.61E+00
4.36E+01	-9.30E+01	1.76E+02	4.88E-03	-5.62E+00
4.36E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.60E+00
4.36E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.61E+00
4.37E+01	-9.30E+01	1.76E+02	-2.32E-02	-5.59E+00
4.37E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.60E+00
4.37E+01	-9.30E+01	1.76E+02	-1.10E-02	-5.62E+00
4.37E+01	-9.30E+01	1.76E+02	-3.30E-02	-5.60E+00
4.37E+01	-9.30E+01	1.76E+02	-4.15E-02	-5.59E+00
4.38E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.61E+00
4.38E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.62E+00
4.38E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.60E+00
4.38E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.60E+00
4.38E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.60E+00

4.39E+01	-9.30E+01	1.76E+02	-3.66E-03	-5.60E+00
4.39E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.59E+00
4.39E+01	-9.30E+01	1.76E+02	0.00E+00	-5.59E+00
4.39E+01	-9.30E+01	1.76E+02	6.10E-03	-5.59E+00
4.39E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.59E+00
4.40E+01	-9.30E+01	1.76E+02	-1.34E-02	-5.58E+00
4.40E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.57E+00
4.40E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.58E+00
4.40E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.58E+00
4.40E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.58E+00
4.41E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.58E+00
4.41E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.58E+00
4.41E+01	-9.30E+01	1.76E+02	-3.54E-02	-5.58E+00
4.41E+01	-9.30E+01	1.76E+02	-2.56E-02	-5.58E+00
4.41E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.58E+00
4.42E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.58E+00
4.42E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.57E+00
4.42E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.56E+00
4.42E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.57E+00
4.42E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.56E+00
4.43E+01	-9.30E+01	1.76E+02	0.00E+00	-5.55E+00
4.43E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.55E+00
4.43E+01	-9.30E+01	1.76E+02	0.00E+00	-5.54E+00
4.43E+01	-9.30E+01	1.76E+02	0.00E+00	-5.55E+00
4.43E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.55E+00
4.44E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.55E+00
4.44E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.55E+00
4.44E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.54E+00
4.44E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.54E+00
4.44E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.54E+00
4.45E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.54E+00
4.45E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.55E+00
4.45E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.54E+00
4.45E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.54E+00
4.45E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.54E+00
4.46E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.54E+00
4.46E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.54E+00
4.46E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.52E+00
4.46E+01	-9.30E+01	1.76E+02	2.20E-02	-5.52E+00
4.46E+01	-9.30E+01	1.76E+02	0.00E+00	-5.52E+00
4.47E+01	-9.30E+01	1.76E+02	1.59E-02	-5.53E+00
4.47E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.52E+00
4.47E+01	-9.30E+01	1.76E+02	4.88E-03	-5.52E+00
4.47E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.51E+00
4.47E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.51E+00
4.48E+01	-9.30E+01	1.76E+02	0.00E+00	-5.51E+00
4.48E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.51E+00

4.48E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.51E+00
4.48E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.52E+00
4.48E+01	-9.30E+01	1.76E+02	-4.39E-02	-5.50E+00
4.49E+01	-9.30E+01	1.76E+02	-2.81E-02	-5.51E+00
4.49E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.52E+00
4.49E+01	-9.30E+01	1.76E+02	-2.32E-02	-5.51E+00
4.49E+01	-9.30E+01	1.76E+02	-5.13E-02	-5.50E+00
4.49E+01	-9.30E+01	1.76E+02	-4.03E-02	-5.51E+00
4.50E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.50E+00
4.50E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.51E+00
4.50E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.51E+00
4.50E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.51E+00
4.50E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.49E+00
4.51E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.50E+00
4.51E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.49E+00
4.51E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.49E+00
4.51E+01	-9.30E+01	1.76E+02	-1.34E-02	-5.48E+00
4.51E+01	-9.30E+01	1.76E+02	4.88E-03	-5.48E+00
4.52E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.47E+00
4.52E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.48E+00
4.52E+01	-9.30E+01	1.76E+02	0.00E+00	-5.46E+00
4.52E+01	-9.30E+01	1.76E+02	0.00E+00	-5.47E+00
4.52E+01	-9.30E+01	1.76E+02	2.44E-03	-5.48E+00
4.53E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.47E+00
4.53E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.46E+00
4.53E+01	-9.30E+01	1.76E+02	-8.54E-03	-5.46E+00
4.53E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.45E+00
4.53E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.46E+00
4.54E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.46E+00
4.54E+01	-9.30E+01	1.76E+02	-3.30E-02	-5.46E+00
4.54E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.47E+00
4.54E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.47E+00
4.54E+01	-9.30E+01	1.76E+02	-2.81E-02	-5.46E+00
4.55E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.46E+00
4.55E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.46E+00
4.55E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.46E+00
4.55E+01	-9.30E+01	1.76E+02	1.22E-03	-5.44E+00
4.55E+01	-9.30E+01	1.76E+02	2.32E-02	-5.45E+00
4.56E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.45E+00
4.56E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.44E+00
4.56E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.44E+00
4.56E+01	-9.30E+01	1.76E+02	-2.81E-02	-5.44E+00
4.56E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.45E+00
4.57E+01	-9.30E+01	1.76E+02	8.54E-03	-5.44E+00
4.57E+01	-9.30E+01	1.76E+02	-4.15E-02	-5.44E+00
4.57E+01	-9.30E+01	1.76E+02	-5.25E-02	-5.43E+00
4.57E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.44E+00

4.57E+01	-9.30E+01	1.76E+02	-6.59E-02	-5.43E+00
4.58E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.44E+00
4.58E+01	-9.30E+01	1.76E+02	-1.59E-02	-5.44E+00
4.58E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.44E+00
4.58E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.44E+00
4.58E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.43E+00
4.59E+01	-9.30E+01	1.76E+02	1.22E-02	-5.43E+00
4.59E+01	-9.30E+01	1.76E+02	4.88E-03	-5.41E+00
4.59E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.41E+00
4.59E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.42E+00
4.59E+01	-9.30E+01	1.76E+02	7.32E-03	-5.41E+00
4.60E+01	-9.30E+01	1.76E+02	1.22E-03	-5.41E+00
4.60E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.41E+00
4.60E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.40E+00
4.60E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.40E+00
4.60E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.41E+00
4.61E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.41E+00
4.61E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.41E+00
4.61E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.41E+00
4.61E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.42E+00
4.61E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.41E+00
4.62E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.40E+00
4.62E+01	-9.30E+01	1.76E+02	3.78E-02	-5.40E+00
4.62E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.39E+00
4.62E+01	-9.30E+01	1.76E+02	1.83E-02	-5.38E+00
4.62E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.38E+00
4.63E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.38E+00
4.63E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.39E+00
4.63E+01	-9.30E+01	1.76E+02	-1.10E-02	-5.38E+00
4.63E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.38E+00
4.63E+01	-9.30E+01	1.76E+02	-5.13E-02	-5.39E+00
4.64E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.39E+00
4.64E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.38E+00
4.64E+01	-9.30E+01	1.76E+02	8.54E-03	-5.38E+00
4.64E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.38E+00
4.64E+01	-9.30E+01	1.76E+02	-8.54E-03	-5.37E+00
4.65E+01	-9.30E+01	1.76E+02	9.77E-03	-5.37E+00
4.65E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.37E+00
4.65E+01	-9.30E+01	1.76E+02	0.00E+00	-5.36E+00
4.65E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.36E+00
4.65E+01	-9.30E+01	1.76E+02	-3.54E-02	-5.37E+00
4.66E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.37E+00
4.66E+01	-9.30E+01	1.75E+02	-4.52E-02	-5.36E+00
4.66E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.37E+00
4.66E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.36E+00
4.66E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.37E+00
4.67E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.36E+00

4.67E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.36E+00
4.67E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.36E+00
4.67E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.36E+00
4.67E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.36E+00
4.68E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.35E+00
4.68E+01	-9.30E+01	1.76E+02	2.44E-03	-5.34E+00
4.68E+01	-9.30E+01	1.76E+02	-8.54E-03	-5.34E+00
4.68E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.34E+00
4.68E+01	-9.30E+01	1.75E+02	-2.32E-02	-5.33E+00
4.69E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.34E+00
4.69E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.34E+00
4.69E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.34E+00
4.69E+01	-9.30E+01	1.76E+02	-3.54E-02	-5.33E+00
4.69E+01	-9.30E+01	1.76E+02	-3.78E-02	-5.33E+00
4.70E+01	-9.30E+01	1.76E+02	-2.56E-02	-5.34E+00
4.70E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.33E+00
4.70E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.34E+00
4.70E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.34E+00
4.70E+01	-9.30E+01	1.76E+02	0.00E+00	-5.33E+00
4.71E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.31E+00
4.71E+01	-9.30E+01	1.76E+02	0.00E+00	-5.31E+00
4.71E+01	-9.30E+01	1.76E+02	-1.10E-02	-5.32E+00
4.71E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.31E+00
4.71E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.31E+00
4.72E+01	-9.30E+01	1.76E+02	-2.32E-02	-5.31E+00
4.72E+01	-9.30E+01	1.75E+02	-2.81E-02	-5.32E+00
4.72E+01	-9.30E+01	1.75E+02	-5.13E-02	-5.31E+00
4.72E+01	-9.30E+01	1.76E+02	-4.15E-02	-5.31E+00
4.72E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.31E+00
4.73E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.32E+00
4.73E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.30E+00
4.73E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.31E+00
4.73E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.29E+00
4.73E+01	-9.30E+01	1.75E+02	3.66E-03	-5.29E+00
4.74E+01	-9.30E+01	1.75E+02	1.22E-02	-5.30E+00
4.74E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.28E+00
4.74E+01	-9.30E+01	1.76E+02	2.44E-03	-5.29E+00
4.74E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.27E+00
4.74E+01	-9.30E+01	1.76E+02	-2.32E-02	-5.29E+00
4.75E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.28E+00
4.75E+01	-9.30E+01	1.76E+02	-2.81E-02	-5.29E+00
4.75E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.30E+00
4.75E+01	-9.30E+01	1.75E+02	-3.54E-02	-5.28E+00
4.75E+01	-9.30E+01	1.75E+02	-3.91E-02	-5.27E+00
4.76E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.28E+00
4.76E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.28E+00
4.76E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.28E+00

4.76E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.28E+00
4.76E+01	-9.30E+01	1.75E+02	7.32E-03	-5.28E+00
4.77E+01	-9.30E+01	1.75E+02	-6.10E-03	-5.28E+00
4.77E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.28E+00
4.77E+01	-9.30E+01	1.76E+02	-3.66E-03	-5.26E+00
4.77E+01	-9.30E+01	1.75E+02	8.54E-03	-5.26E+00
4.77E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.26E+00
4.78E+01	-9.30E+01	1.76E+02	-1.34E-02	-5.26E+00
4.78E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.26E+00
4.78E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.26E+00
4.78E+01	-9.30E+01	1.75E+02	-4.15E-02	-5.26E+00
4.78E+01	-9.30E+01	1.75E+02	-3.54E-02	-5.26E+00
4.79E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.25E+00
4.79E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.26E+00
4.79E+01	-9.30E+01	1.75E+02	-4.15E-02	-5.26E+00
4.79E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.25E+00
4.79E+01	-9.30E+01	1.76E+02	1.46E-02	-5.25E+00
4.80E+01	-9.30E+01	1.75E+02	-8.54E-03	-5.25E+00
4.80E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.24E+00
4.80E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.24E+00
4.80E+01	-9.30E+01	1.76E+02	-2.08E-02	-5.23E+00
4.80E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.24E+00
4.81E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.23E+00
4.81E+01	-9.30E+01	1.75E+02	7.32E-03	-5.23E+00
4.81E+01	-9.30E+01	1.75E+02	-4.15E-02	-5.24E+00
4.81E+01	-9.30E+01	1.75E+02	-6.71E-02	-5.23E+00
4.81E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.24E+00
4.82E+01	-9.30E+01	1.75E+02	-1.34E-02	-5.23E+00
4.82E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.24E+00
4.82E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.25E+00
4.82E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.23E+00
4.82E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.24E+00
4.83E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.23E+00
4.83E+01	-9.30E+01	1.75E+02	2.44E-03	-5.24E+00
4.83E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.22E+00
4.83E+01	-9.30E+01	1.75E+02	6.10E-03	-5.22E+00
4.83E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.21E+00
4.84E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.22E+00
4.84E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.21E+00
4.84E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.20E+00
4.84E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.22E+00
4.84E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.23E+00
4.85E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.21E+00
4.85E+01	-9.30E+01	1.75E+02	2.44E-03	-5.20E+00
4.85E+01	-9.30E+01	1.75E+02	-1.59E-02	-5.21E+00
4.85E+01	-9.30E+01	1.75E+02	0.00E+00	-5.21E+00
4.85E+01	-9.30E+01	1.75E+02	2.44E-03	-5.20E+00

4.86E+01	-9.30E+01	1.75E+02	2.44E-03	-5.20E+00
4.86E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.20E+00
4.86E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.19E+00
4.86E+01	-9.30E+01	1.75E+02	-1.34E-02	-5.19E+00
4.86E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.19E+00
4.87E+01	-9.30E+01	1.75E+02	-3.78E-02	-5.19E+00
4.87E+01	-9.30E+01	1.75E+02	-4.27E-02	-5.19E+00
4.87E+01	-9.30E+01	1.75E+02	-2.81E-02	-5.19E+00
4.87E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.20E+00
4.87E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.19E+00
4.88E+01	-9.30E+01	1.75E+02	-2.08E-02	-5.19E+00
4.88E+01	-9.30E+01	1.75E+02	-2.81E-02	-5.19E+00
4.88E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.18E+00
4.88E+01	-9.30E+01	1.74E+02	-2.20E-02	-5.18E+00
4.88E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.17E+00
4.89E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.17E+00
4.89E+01	-9.30E+01	1.75E+02	7.32E-03	-5.18E+00
4.89E+01	-9.30E+01	1.75E+02	7.32E-03	-5.17E+00
4.89E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.16E+00
4.89E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.16E+00
4.90E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.17E+00
4.90E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.16E+00
4.90E+01	-9.30E+01	1.75E+02	-3.30E-02	-5.16E+00
4.90E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.16E+00
4.90E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.16E+00
4.91E+01	-9.30E+01	1.75E+02	-5.13E-02	-5.16E+00
4.91E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.16E+00
4.91E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.15E+00
4.91E+01	-9.30E+01	1.74E+02	-2.08E-02	-5.16E+00
4.91E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.16E+00
4.92E+01	-9.30E+01	1.75E+02	-1.10E-02	-5.15E+00
4.92E+01	-9.30E+01	1.75E+02	1.22E-02	-5.16E+00
4.92E+01	-9.30E+01	1.74E+02	0.00E+00	-5.15E+00
4.92E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.13E+00
4.92E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.13E+00
4.93E+01	-9.30E+01	1.75E+02	7.32E-03	-5.14E+00
4.93E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.13E+00
4.93E+01	-9.30E+01	1.75E+02	-6.59E-02	-5.12E+00
4.93E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.13E+00
4.93E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.15E+00
4.94E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.14E+00
4.94E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.14E+00
4.94E+01	-9.30E+01	1.74E+02	-2.44E-03	-5.13E+00
4.94E+01	-9.30E+01	1.74E+02	2.44E-03	-5.13E+00
4.94E+01	-9.30E+01	1.75E+02	-8.54E-03	-5.10E+00
4.95E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.11E+00
4.95E+01	-9.30E+01	1.75E+02	-6.10E-03	-5.11E+00

4.95E+01	-9.30E+01	1.74E+02	-2.32E-02	-5.12E+00
4.95E+01	-9.30E+01	1.75E+02	-3.30E-02	-5.13E+00
4.95E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.12E+00
4.96E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.12E+00
4.96E+01	-9.30E+01	1.74E+02	-3.54E-02	-5.12E+00
4.96E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.11E+00
4.96E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.11E+00
4.96E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.11E+00
4.97E+01	-9.30E+01	1.74E+02	2.44E-03	-5.10E+00
4.97E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.10E+00
4.97E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.10E+00
4.97E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.10E+00
4.97E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.10E+00
4.98E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.11E+00
4.98E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.10E+00
4.98E+01	-9.30E+01	1.74E+02	-9.77E-03	-5.10E+00
4.98E+01	-9.30E+01	1.74E+02	1.22E-02	-5.10E+00
4.98E+01	-9.30E+01	1.74E+02	2.44E-03	-5.09E+00
4.99E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.09E+00
4.99E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.09E+00
4.99E+01	-9.30E+01	1.74E+02	-3.66E-03	-5.08E+00
4.99E+01	-9.30E+01	1.74E+02	-1.83E-02	-5.07E+00
4.99E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.08E+00
5.00E+01	-9.30E+01	1.75E+02	-4.64E-02	-5.09E+00
5.00E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.09E+00
5.00E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.08E+00
5.00E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.08E+00
5.00E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.08E+00
5.01E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.07E+00
5.01E+01	-9.30E+01	1.74E+02	-4.88E-03	-5.06E+00
5.01E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.06E+00
5.01E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.07E+00
5.01E+01	-9.30E+01	1.75E+02	-6.10E-02	-5.06E+00
5.02E+01	-9.30E+01	1.74E+02	-3.66E-02	-5.06E+00
5.02E+01	-9.30E+01	1.74E+02	3.66E-03	-5.08E+00
5.02E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.07E+00
5.02E+01	-9.30E+01	1.75E+02	-5.25E-02	-5.05E+00
5.02E+01	-9.30E+01	1.74E+02	-2.08E-02	-5.06E+00
5.03E+01	-9.30E+01	1.74E+02	-3.78E-02	-5.08E+00
5.03E+01	-9.30E+01	1.74E+02	-1.95E-02	-5.06E+00
5.03E+01	-9.30E+01	1.74E+02	-4.88E-03	-5.05E+00
5.03E+01	-9.30E+01	1.74E+02	-1.10E-02	-5.05E+00
5.03E+01	-9.30E+01	1.74E+02	-1.10E-02	-5.07E+00
5.04E+01	-9.30E+01	1.74E+02	-2.44E-03	-5.05E+00
5.04E+01	-9.30E+01	1.74E+02	7.32E-03	-5.04E+00
5.04E+01	-9.30E+01	1.74E+02	-7.32E-03	-5.04E+00
5.04E+01	-9.30E+01	1.74E+02	-2.56E-02	-5.04E+00

5.04E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.04E+00
5.05E+01	-9.30E+01	1.74E+02	-3.91E-02	-5.03E+00
5.05E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.04E+00
5.05E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.03E+00
5.05E+01	-9.30E+01	1.74E+02	-3.66E-02	-5.04E+00
5.05E+01	-9.30E+01	1.74E+02	-3.30E-02	-5.05E+00
5.06E+01	-9.30E+01	1.74E+02	-1.22E-02	-5.04E+00
5.06E+01	-9.30E+01	1.74E+02	-2.81E-02	-5.03E+00
5.06E+01	-9.30E+01	1.74E+02	-7.32E-03	-5.03E+00
5.06E+01	-9.30E+01	1.74E+02	-1.34E-02	-5.04E+00
5.06E+01	-9.30E+01	1.74E+02	0.00E+00	-5.02E+00
5.07E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.01E+00
5.07E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.01E+00
5.07E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.00E+00
5.07E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.01E+00
5.07E+01	-9.30E+01	1.74E+02	-4.15E-02	-5.00E+00
5.08E+01	-9.30E+01	1.74E+02	-3.54E-02	-5.01E+00
5.08E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.02E+00
5.08E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.02E+00
5.08E+01	-9.30E+01	1.73E+02	-1.95E-02	-5.01E+00
5.08E+01	-9.30E+01	1.73E+02	-8.54E-03	-5.01E+00
5.09E+01	-9.30E+01	1.73E+02	0.00E+00	-5.00E+00
5.09E+01	-9.30E+01	1.73E+02	0.00E+00	-5.01E+00
5.09E+01	-9.30E+01	1.74E+02	-6.10E-03	-5.00E+00
5.09E+01	-9.30E+01	1.74E+02	-4.88E-03	-5.00E+00
5.09E+01	-9.30E+01	1.74E+02	3.66E-03	-5.00E+00
5.10E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.99E+00
5.10E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.99E+00
5.10E+01	-9.30E+01	1.74E+02	-1.34E-02	-4.98E+00
5.10E+01	-9.30E+01	1.74E+02	-1.83E-02	-4.99E+00
5.10E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.99E+00
5.11E+01	-9.30E+01	1.73E+02	-4.15E-02	-4.99E+00
5.11E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.99E+00
5.11E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.99E+00
5.11E+01	-9.30E+01	1.73E+02	-2.81E-02	-4.99E+00
5.11E+01	-9.30E+01	1.73E+02	-2.81E-02	-4.99E+00
5.12E+01	-9.30E+01	1.73E+02	-3.17E-02	-4.99E+00
5.12E+01	-9.30E+01	1.73E+02	-1.22E-03	-4.99E+00
5.12E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.98E+00
5.12E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.97E+00
5.12E+01	-9.30E+01	1.73E+02	1.83E-02	-4.97E+00
5.13E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.97E+00
5.13E+01	-9.30E+01	1.73E+02	-4.15E-02	-4.96E+00
5.13E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.96E+00
5.13E+01	-9.30E+01	1.73E+02	-3.66E-02	-4.96E+00
5.13E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.97E+00
5.14E+01	-9.30E+01	1.73E+02	-8.06E-02	-4.95E+00

5.14E+01	-9.30E+01	1.73E+02	-2.32E-02	-4.97E+00
5.14E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.96E+00
5.14E+01	-9.30E+01	1.73E+02	-1.46E-02	-4.96E+00
5.14E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.96E+00
5.15E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.97E+00
5.15E+01	-9.30E+01	1.73E+02	2.44E-03	-4.96E+00
5.15E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.94E+00
5.15E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.95E+00
5.15E+01	-9.30E+01	1.73E+02	-6.10E-03	-4.94E+00
5.16E+01	-9.30E+01	1.73E+02	0.00E+00	-4.95E+00
5.16E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.95E+00
5.16E+01	-9.30E+01	1.73E+02	-1.59E-02	-4.93E+00
5.16E+01	-9.30E+01	1.73E+02	-1.83E-02	-4.93E+00
5.16E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.95E+00
5.17E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.94E+00
5.17E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.94E+00
5.17E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.94E+00
5.17E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.94E+00
5.17E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.95E+00
5.18E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.94E+00
5.18E+01	-9.30E+01	1.73E+02	4.88E-03	-4.93E+00
5.18E+01	-9.30E+01	1.73E+02	1.34E-02	-4.93E+00
5.18E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.93E+00
5.18E+01	-9.30E+01	1.73E+02	-1.83E-02	-4.91E+00
5.19E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.92E+00
5.19E+01	-9.30E+01	1.73E+02	-4.64E-02	-4.92E+00
5.19E+01	-9.30E+01	1.73E+02	-3.66E-02	-4.93E+00
5.19E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.92E+00
5.19E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.93E+00
5.20E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.92E+00
5.20E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.92E+00
5.20E+01	-9.30E+01	1.72E+02	4.88E-03	-4.92E+00
5.20E+01	-9.30E+01	1.73E+02	-6.10E-03	-4.91E+00
5.20E+01	-9.30E+01	1.73E+02	1.22E-03	-4.90E+00
5.21E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.90E+00
5.21E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.90E+00
5.21E+01	-9.30E+01	1.73E+02	-1.46E-02	-4.90E+00
5.21E+01	-9.30E+01	1.73E+02	-1.59E-02	-4.89E+00
5.21E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.89E+00
5.22E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.89E+00
5.22E+01	-9.30E+01	1.72E+02	-4.27E-02	-4.89E+00
5.22E+01	-9.30E+01	1.73E+02	-4.39E-02	-4.89E+00
5.22E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.90E+00
5.22E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.90E+00
5.23E+01	-9.30E+01	1.72E+02	-3.42E-02	-4.90E+00
5.23E+01	-9.30E+01	1.73E+02	-3.30E-02	-4.89E+00
5.23E+01	-9.30E+01	1.73E+02	-3.30E-02	-4.89E+00

5.23E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.89E+00
5.23E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.89E+00
5.24E+01	-9.30E+01	1.72E+02	-3.91E-02	-4.89E+00
5.24E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.89E+00
5.24E+01	-9.30E+01	1.72E+02	8.54E-03	-4.88E+00
5.24E+01	-9.30E+01	1.72E+02	0.00E+00	-4.88E+00
5.24E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.87E+00
5.25E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.86E+00
5.25E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.88E+00
5.25E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.86E+00
5.25E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.86E+00
5.25E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.86E+00
5.26E+01	-9.30E+01	1.72E+02	-5.86E-02	-4.86E+00
5.26E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.86E+00
5.26E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.87E+00
5.26E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.86E+00
5.26E+01	-9.30E+01	1.72E+02	-1.83E-02	-4.87E+00
5.27E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.87E+00
5.27E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.87E+00
5.27E+01	-9.30E+01	1.72E+02	-2.08E-02	-4.86E+00
5.27E+01	-9.30E+01	1.72E+02	-1.83E-02	-4.85E+00
5.27E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.86E+00
5.28E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.87E+00
5.28E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.85E+00
5.28E+01	-9.30E+01	1.72E+02	-8.54E-03	-4.83E+00
5.28E+01	-9.30E+01	1.72E+02	6.10E-03	-4.84E+00
5.28E+01	-9.30E+01	1.72E+02	-6.10E-03	-4.84E+00
5.29E+01	-9.30E+01	1.72E+02	-1.59E-02	-4.83E+00
5.29E+01	-9.30E+01	1.72E+02	-1.22E-02	-4.83E+00
5.29E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.83E+00
5.29E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.82E+00
5.29E+01	-9.30E+01	1.72E+02	-1.83E-02	-4.82E+00
5.30E+01	-9.30E+01	1.72E+02	-3.05E-02	-4.81E+00
5.30E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.83E+00
5.30E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.83E+00
5.30E+01	-9.30E+01	1.72E+02	-3.91E-02	-4.83E+00
5.30E+01	-9.30E+01	1.72E+02	-2.08E-02	-4.83E+00
5.31E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.83E+00
5.31E+01	-9.30E+01	1.72E+02	-3.54E-02	-4.83E+00
5.31E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.82E+00
5.31E+01	-9.30E+01	1.72E+02	-1.34E-02	-4.82E+00
5.31E+01	-9.30E+01	1.72E+02	4.88E-03	-4.82E+00
5.32E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.82E+00
5.32E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.81E+00
5.32E+01	-9.30E+01	1.72E+02	2.44E-03	-4.81E+00
5.32E+01	-9.30E+01	1.72E+02	2.44E-03	-4.80E+00
5.32E+01	-9.30E+01	1.72E+02	-2.32E-02	-4.80E+00

5.33E+01	-9.30E+01	1.72E+02	2.44E-03	-4.79E+00
5.33E+01	-9.30E+01	1.72E+02	-2.08E-02	-4.80E+00
5.33E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.80E+00
5.33E+01	-9.30E+01	1.72E+02	-3.42E-02	-4.80E+00
5.33E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.80E+00
5.34E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.80E+00
5.34E+01	-9.30E+01	1.72E+02	-4.15E-02	-4.81E+00
5.34E+01	-9.30E+01	1.72E+02	-2.08E-02	-4.80E+00
5.34E+01	-9.30E+01	1.72E+02	7.32E-03	-4.80E+00
5.34E+01	-9.30E+01	1.72E+02	4.88E-03	-4.79E+00
5.35E+01	-9.30E+01	1.72E+02	6.10E-03	-4.80E+00
5.35E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.79E+00
5.35E+01	-9.30E+01	1.72E+02	-2.08E-02	-4.78E+00
5.35E+01	-9.30E+01	1.72E+02	2.44E-03	-4.78E+00
5.35E+01	-9.30E+01	1.72E+02	-3.54E-02	-4.78E+00
5.36E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.77E+00
5.36E+01	-9.30E+01	1.72E+02	2.44E-03	-4.77E+00
5.36E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.77E+00
5.36E+01	-9.30E+01	1.73E+02	-1.46E-02	-4.77E+00
5.36E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.76E+00
5.37E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.76E+00
5.37E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.76E+00
5.37E+01	-9.30E+01	1.72E+02	-2.56E-02	-4.78E+00
5.37E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.76E+00
5.37E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.77E+00
5.38E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.77E+00
5.38E+01	-9.30E+01	1.72E+02	-1.22E-02	-4.77E+00
5.38E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.76E+00
5.38E+01	-9.30E+01	1.72E+02	8.54E-03	-4.76E+00
5.38E+01	-9.30E+01	1.72E+02	6.10E-03	-4.76E+00
5.39E+01	-9.30E+01	1.72E+02	-8.54E-03	-4.75E+00
5.39E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.74E+00
5.39E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.74E+00
5.39E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.75E+00
5.39E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.75E+00
5.40E+01	-9.30E+01	1.72E+02	-3.91E-02	-4.75E+00
5.40E+01	-9.30E+01	1.72E+02	-2.81E-02	-4.75E+00
5.40E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.74E+00
5.40E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.75E+00
5.40E+01	-9.30E+01	1.72E+02	-4.52E-02	-4.74E+00
5.41E+01	-9.30E+01	1.72E+02	-1.34E-02	-4.75E+00
5.41E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.75E+00
5.41E+01	-9.30E+01	1.72E+02	2.20E-02	-4.74E+00
5.41E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.73E+00
5.41E+01	-9.30E+01	1.72E+02	2.44E-02	-4.73E+00
5.42E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.73E+00
5.42E+01	-9.30E+01	1.72E+02	2.44E-02	-4.74E+00

5.42E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.72E+00
5.42E+01	-9.30E+01	1.72E+02	1.71E-02	-4.71E+00
5.42E+01	-9.30E+01	1.72E+02	-1.22E-03	-4.72E+00
5.43E+01	-9.30E+01	1.72E+02	-3.54E-02	-4.71E+00
5.43E+01	-9.30E+01	1.72E+02	-3.05E-02	-4.71E+00
5.43E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.71E+00
5.43E+01	-9.30E+01	1.73E+02	-1.59E-02	-4.71E+00
5.43E+01	-9.30E+01	1.72E+02	-4.64E-02	-4.72E+00
5.44E+01	-9.30E+01	1.72E+02	-4.03E-02	-4.71E+00
5.44E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.72E+00
5.44E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.71E+00
5.44E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.72E+00
5.44E+01	-9.30E+01	1.73E+02	-1.83E-02	-4.71E+00
5.45E+01	-9.30E+01	1.72E+02	2.44E-03	-4.72E+00
5.45E+01	-9.30E+01	1.72E+02	7.32E-03	-4.71E+00
5.45E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.70E+00
5.45E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.69E+00
5.45E+01	-9.30E+01	1.73E+02	2.44E-03	-4.70E+00
5.46E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.69E+00
5.46E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.70E+00
5.46E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.69E+00
5.46E+01	-9.30E+01	1.73E+02	-3.17E-02	-4.67E+00
5.46E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.69E+00
5.47E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.69E+00
5.47E+01	-9.30E+01	1.72E+02	-3.42E-02	-4.68E+00
5.47E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.68E+00
5.47E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.69E+00
5.47E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.70E+00
5.48E+01	-9.30E+01	1.72E+02	-2.81E-02	-4.68E+00
5.48E+01	-9.30E+01	1.72E+02	0.00E+00	-4.68E+00
5.48E+01	-9.30E+01	1.72E+02	0.00E+00	-4.68E+00
5.48E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.67E+00
5.48E+01	-9.30E+01	1.72E+02	0.00E+00	-4.67E+00
5.49E+01	-9.30E+01	1.72E+02	1.10E-02	-4.67E+00
5.49E+01	-9.30E+01	1.72E+02	-1.22E-03	-4.67E+00
5.49E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.66E+00
5.49E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.65E+00
5.49E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.65E+00
5.50E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.66E+00
5.50E+01	-9.30E+01	1.72E+02	-1.83E-02	-4.66E+00
5.50E+01	-9.30E+01	1.72E+02	-3.05E-02	-4.65E+00
5.50E+01	-9.30E+01	1.72E+02	-3.66E-02	-4.66E+00
5.50E+01	-9.30E+01	1.72E+02	-2.56E-02	-4.66E+00
5.51E+01	-9.30E+01	1.72E+02	-3.30E-02	-4.65E+00
5.51E+01	-9.30E+01	1.72E+02	-2.56E-02	-4.66E+00
5.51E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.66E+00
5.51E+01	-9.30E+01	1.72E+02	-3.54E-02	-4.66E+00

5.51E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.65E+00
5.52E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.65E+00
5.52E+01	-9.30E+01	1.72E+02	2.44E-03	-4.65E+00
5.52E+01	-9.30E+01	1.72E+02	2.93E-02	-4.64E+00
5.52E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.65E+00
5.52E+01	-9.30E+01	1.72E+02	3.66E-03	-4.64E+00
5.53E+01	-9.30E+01	1.72E+02	-1.22E-03	-4.63E+00
5.53E+01	-9.30E+01	1.72E+02	0.00E+00	-4.63E+00
5.53E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.63E+00
5.53E+01	-9.30E+01	1.72E+02	2.44E-03	-4.62E+00
5.53E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.63E+00
5.54E+01	-9.30E+01	1.72E+02	-5.62E-02	-4.62E+00
5.54E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.62E+00
5.54E+01	-9.30E+01	1.72E+02	-3.30E-02	-4.63E+00
5.54E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.62E+00
5.54E+01	-9.30E+01	1.71E+02	-6.23E-02	-4.62E+00
5.55E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.62E+00
5.55E+01	-9.30E+01	1.71E+02	-6.10E-02	-4.61E+00
5.55E+01	-9.30E+01	1.72E+02	-2.81E-02	-4.62E+00
5.55E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.62E+00
5.55E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.63E+00
5.56E+01	-9.30E+01	1.71E+02	-4.76E-02	-4.62E+00
5.56E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.61E+00
5.56E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.60E+00
5.56E+01	-9.30E+01	1.71E+02	-1.22E-03	-4.61E+00
5.56E+01	-9.30E+01	1.71E+02	-3.30E-02	-4.60E+00
5.57E+01	-9.30E+01	1.72E+02	-1.22E-02	-4.60E+00
5.57E+01	-9.30E+01	1.71E+02	-3.91E-02	-4.60E+00
5.57E+01	-9.30E+01	1.71E+02	-4.15E-02	-4.60E+00
5.57E+01	-9.30E+01	1.71E+02	-4.15E-02	-4.60E+00
5.57E+01	-9.30E+01	1.71E+02	-2.32E-02	-4.62E+00
5.58E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.60E+00
5.58E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.58E+00
5.58E+01	-9.30E+01	1.72E+02	2.08E-02	-4.59E+00
5.58E+01	-9.30E+01	1.71E+02	2.44E-03	-4.58E+00
5.58E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.59E+00
5.59E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.59E+00
5.59E+01	-9.30E+01	1.71E+02	-1.83E-02	-4.58E+00
5.59E+01	-9.30E+01	1.71E+02	-3.54E-02	-4.59E+00
5.59E+01	-9.30E+01	1.71E+02	-4.64E-02	-4.58E+00
5.59E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.60E+00
5.60E+01	-9.30E+01	1.71E+02	-1.59E-02	-4.59E+00
5.60E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.60E+00
5.60E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.58E+00
5.60E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.58E+00
5.60E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.58E+00
5.61E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.56E+00

5.61E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.57E+00
5.61E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.57E+00
5.61E+01	-9.30E+01	1.71E+02	0.00E+00	-4.56E+00
5.61E+01	-9.30E+01	1.71E+02	-2.56E-02	-4.56E+00
5.62E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.55E+00
5.62E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.57E+00
5.62E+01	-9.30E+01	1.71E+02	-3.05E-02	-4.55E+00
5.62E+01	-9.30E+01	1.70E+02	-3.66E-02	-4.55E+00
5.62E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.55E+00
5.63E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.55E+00
5.63E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.56E+00
5.63E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.56E+00
5.63E+01	-9.30E+01	1.70E+02	-1.10E-02	-4.55E+00
5.63E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.55E+00
5.64E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.55E+00
5.64E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.55E+00
5.64E+01	-9.30E+01	1.70E+02	6.10E-03	-4.54E+00
5.64E+01	-9.30E+01	1.71E+02	3.66E-03	-4.54E+00
5.64E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.54E+00
5.65E+01	-9.30E+01	1.70E+02	-1.22E-03	-4.53E+00
5.65E+01	-9.30E+01	1.71E+02	-1.34E-02	-4.53E+00
5.65E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.53E+00
5.65E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.53E+00
5.65E+01	-9.30E+01	1.71E+02	-4.15E-02	-4.52E+00
5.66E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.52E+00
5.66E+01	-9.30E+01	1.70E+02	-3.91E-02	-4.53E+00
5.66E+01	-9.30E+01	1.71E+02	-5.37E-02	-4.53E+00
5.66E+01	-9.30E+01	1.70E+02	-3.66E-02	-4.52E+00
5.66E+01	-9.30E+01	1.70E+02	-2.81E-02	-4.53E+00
5.67E+01	-9.30E+01	1.70E+02	-2.93E-02	-4.53E+00
5.67E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.53E+00
5.67E+01	-9.30E+01	1.70E+02	-2.56E-02	-4.53E+00
5.67E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.52E+00
5.67E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.51E+00
5.68E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.51E+00
5.68E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.50E+00
5.68E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.50E+00
5.68E+01	-9.30E+01	1.71E+02	-1.10E-02	-4.51E+00
5.68E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.50E+00
5.69E+01	-9.30E+01	1.71E+02	-3.91E-02	-4.50E+00
5.69E+01	-9.30E+01	1.70E+02	2.44E-03	-4.51E+00
5.69E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.51E+00
5.69E+01	-9.30E+01	1.70E+02	-2.81E-02	-4.50E+00
5.69E+01	-9.30E+01	1.70E+02	6.10E-03	-4.50E+00
5.70E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.49E+00
5.70E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.49E+00
5.70E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.48E+00

5.70E+01	-9.30E+01	1.70E+02	0.00E+00	-4.49E+00
5.70E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.49E+00
5.71E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.48E+00
5.71E+01	-9.30E+01	1.71E+02	7.32E-03	-4.47E+00
5.71E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.47E+00
5.71E+01	-9.30E+01	1.70E+02	0.00E+00	-4.47E+00
5.71E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.48E+00
5.72E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.48E+00
5.72E+01	-9.30E+01	1.70E+02	-2.56E-02	-4.48E+00
5.72E+01	-9.30E+01	1.69E+02	-4.88E-02	-4.50E+00
5.72E+01	-9.30E+01	1.70E+02	-2.56E-02	-4.48E+00
5.72E+01	-9.30E+01	1.70E+02	-4.76E-02	-4.48E+00
5.73E+01	-9.30E+01	1.70E+02	-8.54E-03	-4.48E+00
5.73E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.48E+00
5.73E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.47E+00
5.73E+01	-9.30E+01	1.70E+02	1.83E-02	-4.45E+00
5.73E+01	-9.30E+01	1.71E+02	1.22E-03	-4.46E+00
5.74E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.45E+00
5.74E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.45E+00
5.74E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.43E+00
5.74E+01	-9.30E+01	1.71E+02	-1.10E-02	-4.45E+00
5.74E+01	-9.30E+01	1.70E+02	3.66E-03	-4.44E+00
5.75E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.45E+00
5.75E+01	-9.30E+01	1.70E+02	-1.34E-02	-4.44E+00
5.75E+01	-9.30E+01	1.70E+02	-3.05E-02	-4.45E+00
5.75E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.46E+00
5.75E+01	-9.30E+01	1.70E+02	-3.91E-02	-4.45E+00
5.76E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.46E+00
5.76E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.45E+00
5.76E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.45E+00
5.76E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.45E+00
5.76E+01	-9.30E+01	1.70E+02	-2.93E-02	-4.44E+00
5.77E+01	-9.30E+01	1.70E+02	-1.34E-02	-4.44E+00
5.77E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.44E+00
5.77E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.44E+00
5.77E+01	-9.30E+01	1.70E+02	4.88E-03	-4.43E+00
5.77E+01	-9.30E+01	1.70E+02	0.00E+00	-4.42E+00
5.78E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.42E+00
5.78E+01	-9.30E+01	1.71E+02	-3.78E-02	-4.42E+00
5.78E+01	-9.30E+01	1.71E+02	-3.78E-02	-4.42E+00
5.78E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.43E+00
5.78E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.43E+00
5.79E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.42E+00
5.79E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.43E+00
5.79E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.43E+00
5.79E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.42E+00
5.79E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.41E+00

5.80E+01	-9.30E+01	1.71E+02	9.77E-03	-4.41E+00
5.80E+01	-9.30E+01	1.70E+02	0.00E+00	-4.40E+00
5.80E+01	-9.30E+01	1.71E+02	-1.83E-02	-4.39E+00
5.80E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.40E+00
5.80E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.41E+00
5.81E+01	-9.30E+01	1.71E+02	-3.05E-02	-4.41E+00
5.81E+01	-9.30E+01	1.71E+02	-2.56E-02	-4.41E+00
5.81E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.41E+00
5.81E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.40E+00
5.81E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.40E+00
5.82E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.39E+00
5.82E+01	-9.30E+01	1.71E+02	1.95E-02	-4.39E+00
5.82E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.38E+00
5.82E+01	-9.30E+01	1.71E+02	-3.66E-03	-4.38E+00
5.82E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.38E+00
5.83E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.38E+00
5.83E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.38E+00
5.83E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.38E+00
5.83E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.38E+00
5.83E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.39E+00
5.84E+01	-9.30E+01	1.71E+02	-2.56E-02	-4.39E+00
5.84E+01	-9.30E+01	1.71E+02	-3.05E-02	-4.38E+00
5.84E+01	-9.30E+01	1.71E+02	4.88E-03	-4.38E+00
5.84E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.38E+00
5.84E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.37E+00
5.85E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.36E+00
5.85E+01	-9.30E+01	1.71E+02	-1.22E-03	-4.37E+00
5.85E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.36E+00
5.85E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.36E+00
5.85E+01	-9.30E+01	1.72E+02	-3.66E-03	-4.35E+00
5.86E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.35E+00
5.86E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.36E+00
5.86E+01	-9.30E+01	1.72E+02	-3.66E-02	-4.36E+00
5.86E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.36E+00
5.86E+01	-9.30E+01	1.71E+02	-2.56E-02	-4.37E+00
5.87E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.36E+00
5.87E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.36E+00
5.87E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.36E+00
5.87E+01	-9.30E+01	1.71E+02	-1.34E-02	-4.36E+00
5.87E+01	-9.30E+01	1.71E+02	0.00E+00	-4.36E+00
5.88E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.35E+00
5.88E+01	-9.30E+01	1.72E+02	2.08E-02	-4.34E+00
5.88E+01	-9.30E+01	1.72E+02	6.10E-03	-4.34E+00
5.88E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.33E+00
5.88E+01	-9.30E+01	1.72E+02	-1.34E-02	-4.33E+00
5.89E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.33E+00
5.89E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.33E+00

5.89E+01	-9.30E+01	1.72E+02	-3.30E-02	-4.33E+00
5.89E+01	-9.30E+01	1.72E+02	-3.91E-02	-4.33E+00
5.89E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.33E+00
5.90E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.34E+00
5.90E+01	-9.30E+01	1.71E+02	-4.64E-02	-4.34E+00
5.90E+01	-9.30E+01	1.72E+02	-2.08E-02	-4.34E+00
5.90E+01	-9.30E+01	1.71E+02	2.20E-02	-4.33E+00
5.90E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.33E+00
5.91E+01	-9.30E+01	1.72E+02	1.46E-02	-4.32E+00
5.91E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.31E+00
5.91E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.32E+00
5.91E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.31E+00
5.91E+01	-9.30E+01	1.72E+02	8.54E-03	-4.31E+00
5.92E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.31E+00
5.92E+01	-9.30E+01	1.72E+02	-3.42E-02	-4.31E+00
5.92E+01	-9.30E+01	1.72E+02	-3.91E-02	-4.30E+00
5.92E+01	-9.30E+01	1.72E+02	-1.59E-02	-4.31E+00
5.92E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.31E+00
5.93E+01	-9.30E+01	1.72E+02	-3.30E-02	-4.32E+00
5.93E+01	-9.30E+01	1.71E+02	-1.59E-02	-4.31E+00
5.93E+01	-9.30E+01	1.72E+02	1.10E-02	-4.30E+00
5.93E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.30E+00
5.93E+01	-9.30E+01	1.72E+02	3.30E-02	-4.30E+00
5.94E+01	-9.30E+01	1.72E+02	-3.66E-03	-4.29E+00
5.94E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.28E+00
5.94E+01	-9.30E+01	1.72E+02	0.00E+00	-4.29E+00
5.94E+01	-9.30E+01	1.72E+02	-3.66E-03	-4.28E+00
5.94E+01	-9.30E+01	1.72E+02	-2.81E-02	-4.28E+00
5.95E+01	-9.30E+01	1.72E+02	-4.88E-02	-4.28E+00
5.95E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.28E+00
5.95E+01	-9.30E+01	1.72E+02	-3.91E-02	-4.29E+00
5.95E+01	-9.30E+01	1.72E+02	-3.30E-02	-4.28E+00
5.95E+01	-9.30E+01	1.72E+02	-4.64E-02	-4.29E+00
5.96E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.29E+00
5.96E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.28E+00
5.96E+01	-9.30E+01	1.72E+02	-2.56E-02	-4.28E+00
5.96E+01	-9.30E+01	1.72E+02	6.10E-03	-4.27E+00
5.96E+01	-9.30E+01	1.72E+02	8.54E-03	-4.27E+00
5.97E+01	-9.30E+01	1.72E+02	3.66E-03	-4.27E+00
5.97E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.26E+00
5.97E+01	-9.30E+01	1.72E+02	4.88E-03	-4.26E+00
5.97E+01	-9.30E+01	1.72E+02	-3.66E-03	-4.27E+00
5.97E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.26E+00
5.98E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.27E+00
5.98E+01	-9.30E+01	1.72E+02	-1.83E-02	-4.26E+00
5.98E+01	-9.30E+01	1.72E+02	-3.05E-02	-4.25E+00
5.98E+01	-9.30E+01	1.72E+02	-3.42E-02	-4.26E+00

5.98E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.27E+00
5.99E+01	-9.30E+01	1.72E+02	6.10E-03	-4.26E+00
5.99E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.24E+00
5.99E+01	-9.30E+01	1.71E+02	9.77E-03	-4.25E+00
5.99E+01	-9.30E+01	1.72E+02	1.22E-03	-4.24E+00
5.99E+01	-9.30E+01	1.72E+02	2.44E-03	-4.24E+00
6.00E+01	-9.30E+01	1.72E+02	-1.22E-02	-4.24E+00
6.00E+01	-9.30E+01	1.72E+02	-8.54E-03	-4.24E+00
6.00E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.25E+00
6.00E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.24E+00
6.00E+01	-9.30E+01	1.72E+02	-3.78E-02	-4.23E+00
6.01E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.24E+00
6.01E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.23E+00
6.01E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.25E+00
6.01E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.25E+00
6.01E+01	-9.30E+01	1.72E+02	-2.32E-02	-4.24E+00
6.02E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.23E+00
6.02E+01	-9.30E+01	1.72E+02	3.66E-03	-4.23E+00
6.02E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.22E+00
6.02E+01	-9.30E+01	1.72E+02	2.44E-03	-4.22E+00
6.02E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.23E+00
6.03E+01	-9.30E+01	1.72E+02	2.44E-03	-4.22E+00
6.03E+01	-9.30E+01	1.72E+02	-3.66E-03	-4.22E+00
6.03E+01	-9.30E+01	1.72E+02	0.00E+00	-4.21E+00
6.03E+01	-9.30E+01	1.72E+02	-8.54E-03	-4.21E+00
6.03E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.21E+00
6.04E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.22E+00
6.04E+01	-9.30E+01	1.72E+02	-4.64E-02	-4.20E+00
6.04E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.20E+00
6.04E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.21E+00
6.04E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.22E+00
6.05E+01	-9.30E+01	1.71E+02	-3.78E-02	-4.21E+00
6.05E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.21E+00
6.05E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.21E+00
6.05E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.19E+00
6.05E+01	-9.30E+01	1.71E+02	3.66E-03	-4.19E+00
6.06E+01	-9.30E+01	1.72E+02	4.88E-03	-4.18E+00
6.06E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.19E+00
6.06E+01	-9.30E+01	1.72E+02	-3.66E-03	-4.18E+00
6.06E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.18E+00
6.06E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.19E+00
6.07E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.19E+00
6.07E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.19E+00
6.07E+01	-9.30E+01	1.71E+02	-2.81E-02	-4.17E+00
6.07E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.19E+00
6.07E+01	-9.30E+01	1.71E+02	-4.64E-02	-4.19E+00
6.08E+01	-9.30E+01	1.72E+02	-3.91E-02	-4.18E+00

6.08E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.18E+00
6.08E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.18E+00
6.08E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.19E+00
6.08E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.18E+00
6.09E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.17E+00
6.09E+01	-9.30E+01	1.71E+02	3.66E-03	-4.17E+00
6.09E+01	-9.30E+01	1.71E+02	3.66E-03	-4.17E+00
6.09E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.16E+00
6.09E+01	-9.30E+01	1.72E+02	2.32E-02	-4.15E+00
6.10E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.16E+00
6.10E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.14E+00
6.10E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.15E+00
6.10E+01	-9.30E+01	1.72E+02	-4.15E-02	-4.15E+00
6.10E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.15E+00
6.11E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.16E+00
6.11E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.14E+00
6.11E+01	-9.30E+01	1.72E+02	-3.78E-02	-4.15E+00
6.11E+01	-9.30E+01	1.71E+02	-2.08E-02	-4.14E+00
6.11E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.16E+00
6.12E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.15E+00
6.12E+01	-9.30E+01	1.71E+02	-4.27E-02	-4.16E+00
6.12E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.15E+00
6.12E+01	-9.30E+01	1.71E+02	-3.91E-02	-4.16E+00
6.12E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.15E+00
6.13E+01	-9.30E+01	1.71E+02	1.22E-02	-4.14E+00
6.13E+01	-9.30E+01	1.71E+02	4.88E-03	-4.14E+00
6.13E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.14E+00
6.13E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.13E+00
6.13E+01	-9.30E+01	1.71E+02	1.22E-02	-4.12E+00
6.14E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.12E+00
6.14E+01	-9.30E+01	1.71E+02	3.66E-03	-4.12E+00
6.14E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.12E+00
6.14E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.11E+00
6.14E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.12E+00
6.15E+01	-9.30E+01	1.71E+02	-8.54E-03	-4.11E+00
6.15E+01	-9.30E+01	1.71E+02	-3.91E-02	-4.12E+00
6.15E+01	-9.30E+01	1.71E+02	7.32E-03	-4.11E+00
6.15E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.12E+00
6.15E+01	-9.30E+01	1.71E+02	7.32E-03	-4.11E+00
6.16E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.11E+00
6.16E+01	-9.30E+01	1.71E+02	-3.05E-02	-4.10E+00
6.16E+01	-9.30E+01	1.71E+02	0.00E+00	-4.11E+00
6.16E+01	-9.30E+01	1.71E+02	1.59E-02	-4.09E+00
6.16E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.10E+00
6.17E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.10E+00
6.17E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.10E+00
6.17E+01	-9.30E+01	1.71E+02	0.00E+00	-4.10E+00

6.17E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.09E+00
6.17E+01	-9.30E+01	1.71E+02	1.22E-03	-4.09E+00
6.18E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.10E+00
6.18E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.10E+00
6.18E+01	-9.30E+01	1.71E+02	-3.78E-02	-4.10E+00
6.18E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.09E+00
6.18E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.10E+00
6.19E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.09E+00
6.19E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.08E+00
6.19E+01	-9.30E+01	1.71E+02	8.54E-03	-4.07E+00
6.19E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.08E+00
6.19E+01	-9.30E+01	1.71E+02	-8.54E-03	-4.08E+00
6.20E+01	-9.30E+01	1.71E+02	-1.83E-02	-4.07E+00
6.20E+01	-9.30E+01	1.71E+02	-4.15E-02	-4.07E+00
6.20E+01	-9.30E+01	1.71E+02	-3.66E-02	-4.08E+00
6.20E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.09E+00
6.20E+01	-9.30E+01	1.71E+02	-1.34E-02	-4.08E+00
6.21E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.07E+00
6.21E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.07E+00
6.21E+01	-9.30E+01	1.71E+02	7.32E-03	-4.06E+00
6.21E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.06E+00
6.21E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.06E+00
6.22E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.05E+00
6.22E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.06E+00
6.22E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.06E+00
6.22E+01	-9.30E+01	1.71E+02	-6.35E-02	-4.06E+00
6.22E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.06E+00
6.23E+01	-9.30E+01	1.71E+02	-3.66E-03	-4.06E+00
6.23E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.06E+00
6.23E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.06E+00
6.23E+01	-9.30E+01	1.71E+02	3.66E-03	-4.04E+00
6.23E+01	-9.30E+01	1.71E+02	4.88E-03	-4.05E+00
6.24E+01	-9.30E+01	1.71E+02	-3.66E-03	-4.04E+00
6.24E+01	-9.30E+01	1.71E+02	-3.66E-03	-4.03E+00
6.24E+01	-9.30E+01	1.71E+02	-2.08E-02	-4.04E+00
6.24E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.04E+00
6.24E+01	-9.30E+01	1.71E+02	-1.34E-02	-4.04E+00
6.25E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.03E+00
6.25E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.03E+00
6.25E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.03E+00
6.25E+01	-9.30E+01	1.71E+02	-5.00E-02	-4.03E+00
6.25E+01	-9.30E+01	1.70E+02	-2.32E-02	-4.03E+00
6.26E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.04E+00
6.26E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.03E+00
6.26E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.02E+00
6.26E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.02E+00
6.26E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.02E+00

6.27E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.01E+00
6.27E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.01E+00
6.27E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.01E+00
6.27E+01	-9.30E+01	1.71E+02	-2.08E-02	-4.02E+00
6.27E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.01E+00
6.28E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.00E+00
6.28E+01	-9.30E+01	1.71E+02	-2.08E-02	-4.01E+00
6.28E+01	-9.30E+01	1.71E+02	-2.56E-02	-4.02E+00
6.28E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.01E+00
6.28E+01	-9.30E+01	1.71E+02	-3.91E-02	-4.02E+00
6.29E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.01E+00
6.29E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.00E+00
6.29E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.01E+00
6.29E+01	-9.30E+01	1.71E+02	-1.10E-02	-3.99E+00
6.29E+01	-9.30E+01	1.71E+02	0.00E+00	-4.00E+00
6.30E+01	-9.30E+01	1.70E+02	0.00E+00	-4.00E+00
6.30E+01	-9.30E+01	1.71E+02	-1.34E-02	-3.98E+00
6.30E+01	-9.30E+01	1.71E+02	0.00E+00	-3.99E+00
6.30E+01	-9.30E+01	1.71E+02	-2.44E-03	-3.98E+00
6.30E+01	-9.30E+01	1.71E+02	-4.03E-02	-3.99E+00
6.31E+01	-9.30E+01	1.71E+02	-3.30E-02	-3.98E+00
6.31E+01	-9.30E+01	1.71E+02	-4.64E-02	-3.99E+00
6.31E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.99E+00
6.31E+01	-9.30E+01	1.70E+02	-6.59E-02	-4.00E+00
6.31E+01	-9.30E+01	1.71E+02	-3.66E-02	-3.98E+00
6.32E+01	-9.30E+01	1.71E+02	-7.32E-03	-3.99E+00
6.32E+01	-9.30E+01	1.71E+02	-7.32E-03	-3.98E+00
6.32E+01	-9.30E+01	1.71E+02	-2.93E-02	-3.98E+00
6.32E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.97E+00
6.32E+01	-9.30E+01	1.70E+02	2.56E-02	-3.97E+00
6.33E+01	-9.30E+01	1.71E+02	1.22E-03	-3.96E+00
6.33E+01	-9.30E+01	1.71E+02	-1.22E-03	-3.96E+00
6.33E+01	-9.30E+01	1.71E+02	-8.54E-03	-3.96E+00
6.33E+01	-9.30E+01	1.71E+02	-2.44E-02	-3.96E+00
6.33E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.95E+00
6.34E+01	-9.30E+01	1.71E+02	-4.39E-02	-3.96E+00
6.34E+01	-9.30E+01	1.71E+02	-4.03E-02	-3.96E+00
6.34E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.97E+00
6.34E+01	-9.30E+01	1.71E+02	-2.93E-02	-3.96E+00
6.34E+01	-9.30E+01	1.71E+02	-2.32E-02	-3.96E+00
6.35E+01	-9.30E+01	1.71E+02	-1.10E-02	-3.96E+00
6.35E+01	-9.30E+01	1.71E+02	-7.32E-03	-3.96E+00
6.35E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.95E+00
6.35E+01	-9.30E+01	1.71E+02	-8.54E-03	-3.94E+00
6.35E+01	-9.30E+01	1.71E+02	1.95E-02	-3.94E+00
6.36E+01	-9.30E+01	1.71E+02	-2.44E-03	-3.94E+00
6.36E+01	-9.30E+01	1.71E+02	-3.91E-02	-3.94E+00

6.36E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.93E+00
6.36E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.93E+00
6.36E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.94E+00
6.37E+01	-9.30E+01	1.71E+02	-3.30E-02	-3.93E+00
6.37E+01	-9.30E+01	1.71E+02	-4.39E-02	-3.93E+00
6.37E+01	-9.30E+01	1.71E+02	-3.05E-02	-3.94E+00
6.37E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.94E+00
6.37E+01	-9.30E+01	1.71E+02	-2.93E-02	-3.93E+00
6.38E+01	-9.30E+01	1.71E+02	-3.30E-02	-3.93E+00
6.38E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.94E+00
6.38E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.93E+00
6.38E+01	-9.30E+01	1.71E+02	-1.59E-02	-3.93E+00
6.38E+01	-9.30E+01	1.71E+02	-1.46E-02	-3.92E+00
6.39E+01	-9.30E+01	1.71E+02	2.44E-03	-3.92E+00
6.39E+01	-9.30E+01	1.71E+02	1.10E-02	-3.91E+00
6.39E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.91E+00
6.39E+01	-9.30E+01	1.71E+02	-6.10E-03	-3.90E+00
6.39E+01	-9.30E+01	1.71E+02	-2.08E-02	-3.92E+00
6.40E+01	-9.30E+01	1.71E+02	-1.59E-02	-3.90E+00
6.40E+01	-9.30E+01	1.71E+02	-4.15E-02	-3.90E+00
6.40E+01	-9.30E+01	1.71E+02	-3.66E-02	-3.90E+00
6.40E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.90E+00
6.40E+01	-9.30E+01	1.71E+02	-2.69E-02	-3.91E+00
6.41E+01	-9.30E+01	1.71E+02	-3.17E-02	-3.91E+00
6.41E+01	-9.30E+01	1.72E+02	-2.93E-02	-3.91E+00
6.41E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.90E+00
6.41E+01	-9.30E+01	1.71E+02	-2.69E-02	-3.91E+00
6.41E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.89E+00
6.42E+01	-9.30E+01	1.72E+02	-3.17E-02	-3.90E+00
6.42E+01	-9.30E+01	1.72E+02	-1.22E-02	-3.90E+00
6.42E+01	-9.30E+01	1.71E+02	0.00E+00	-3.90E+00
6.42E+01	-9.30E+01	1.71E+02	-2.44E-02	-3.91E+00
6.42E+01	-9.30E+01	1.71E+02	-2.93E-02	-3.90E+00
6.43E+01	-9.30E+01	1.72E+02	-1.46E-02	-3.90E+00
6.43E+01	-9.30E+01	1.72E+02	-4.88E-03	-3.89E+00
6.43E+01	-9.30E+01	1.71E+02	0.00E+00	-3.88E+00
6.43E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.88E+00
6.43E+01	-9.30E+01	1.72E+02	-4.88E-03	-3.87E+00
6.44E+01	-9.30E+01	1.72E+02	-1.22E-02	-3.87E+00
6.44E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.87E+00
6.44E+01	-9.30E+01	1.71E+02	-3.42E-02	-3.88E+00
6.44E+01	-9.30E+01	1.72E+02	-2.44E-02	-3.87E+00
6.44E+01	-9.30E+01	1.72E+02	-2.69E-02	-3.87E+00
6.45E+01	-9.30E+01	1.72E+02	-2.56E-02	-3.87E+00
6.45E+01	-9.30E+01	1.72E+02	-5.00E-02	-3.87E+00
6.45E+01	-9.30E+01	1.72E+02	-3.66E-02	-3.87E+00
6.45E+01	-9.30E+01	1.72E+02	-3.42E-02	-3.87E+00

6.45E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.87E+00
6.46E+01	-9.30E+01	1.71E+02	-2.44E-03	-3.87E+00
6.46E+01	-9.30E+01	1.72E+02	0.00E+00	-3.86E+00
6.46E+01	-9.30E+01	1.72E+02	6.10E-03	-3.86E+00
6.46E+01	-9.30E+01	1.72E+02	-9.77E-03	-3.86E+00
6.46E+01	-9.30E+01	1.72E+02	-7.32E-03	-3.85E+00
6.47E+01	-9.30E+01	1.72E+02	-1.10E-02	-3.84E+00
6.47E+01	-9.30E+01	1.72E+02	-1.34E-02	-3.85E+00
6.47E+01	-9.30E+01	1.72E+02	-2.93E-02	-3.84E+00
6.47E+01	-9.30E+01	1.72E+02	-3.66E-02	-3.84E+00
6.47E+01	-9.30E+01	1.72E+02	-2.20E-02	-3.85E+00
6.48E+01	-9.30E+01	1.71E+02	-2.93E-02	-3.85E+00
6.48E+01	-9.30E+01	1.72E+02	-2.93E-02	-3.84E+00
6.48E+01	-9.30E+01	1.72E+02	-1.34E-02	-3.85E+00
6.48E+01	-9.30E+01	1.72E+02	1.22E-03	-3.84E+00
6.48E+01	-9.30E+01	1.72E+02	-1.22E-02	-3.85E+00
6.49E+01	-9.30E+01	1.72E+02	-1.95E-02	-3.84E+00
6.49E+01	-9.30E+01	1.72E+02	-4.88E-03	-3.83E+00
6.49E+01	-9.30E+01	1.72E+02	-1.22E-02	-3.83E+00
6.49E+01	-9.30E+01	1.72E+02	-1.22E-02	-3.83E+00
6.49E+01	-9.30E+01	1.72E+02	-2.81E-02	-3.82E+00
6.50E+01	-9.30E+01	1.72E+02	-2.56E-02	-3.83E+00
6.50E+01	-9.30E+01	1.72E+02	-3.66E-02	-3.83E+00
6.50E+01	-9.30E+01	1.72E+02	-2.93E-02	-3.83E+00
6.50E+01	-9.30E+01	1.72E+02	-2.69E-02	-3.83E+00
6.50E+01	-9.30E+01	1.72E+02	-1.46E-02	-3.83E+00
6.51E+01	-9.30E+01	1.72E+02	-2.56E-02	-3.83E+00
6.51E+01	-9.30E+01	1.72E+02	-1.59E-02	-3.82E+00
6.51E+01	-9.30E+01	1.72E+02	-1.22E-03	-3.83E+00
6.51E+01	-9.30E+01	1.72E+02	2.44E-03	-3.82E+00
6.51E+01	-9.30E+01	1.72E+02	1.22E-02	-3.80E+00
6.52E+01	-9.30E+01	1.72E+02	2.44E-03	-3.80E+00
6.52E+01	-9.30E+01	1.72E+02	7.32E-03	-3.79E+00
6.52E+01	-9.30E+01	1.71E+02	-8.54E-03	-3.80E+00
6.52E+01	-9.30E+01	1.72E+02	-2.69E-02	-3.81E+00
6.52E+01	-9.30E+01	1.72E+02	-3.91E-02	-3.80E+00
6.53E+01	-9.30E+01	1.72E+02	7.32E-03	-3.81E+00
6.53E+01	-9.30E+01	1.71E+02	-3.66E-02	-3.81E+00
6.53E+01	-9.30E+01	1.72E+02	-4.88E-02	-3.80E+00
6.53E+01	-9.30E+01	1.72E+02	-1.46E-02	-3.80E+00
6.53E+01	-9.30E+01	1.72E+02	-2.44E-02	-3.80E+00
6.54E+01	-9.30E+01	1.71E+02	-1.10E-02	-3.80E+00
6.54E+01	-9.30E+01	1.72E+02	-7.32E-03	-3.79E+00
6.54E+01	-9.30E+01	1.72E+02	-1.71E-02	-3.78E+00
6.54E+01	-9.30E+01	1.72E+02	-4.88E-03	-3.78E+00
6.54E+01	-9.30E+01	1.72E+02	-3.05E-02	-3.78E+00
6.55E+01	-9.30E+01	1.71E+02	-2.93E-02	-3.78E+00

6.55E+01	-9.30E+01	1.72E+02	-2.44E-02	-3.80E+00
6.55E+01	-9.30E+01	1.72E+02	-3.42E-02	-3.79E+00
6.55E+01	-9.30E+01	1.72E+02	-3.66E-02	-3.79E+00
6.55E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.78E+00
6.56E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.79E+00
6.56E+01	-9.30E+01	1.72E+02	-4.88E-03	-3.78E+00
6.56E+01	-9.30E+01	1.71E+02	-1.46E-02	-3.79E+00
6.56E+01	-9.30E+01	1.71E+02	-2.44E-03	-3.78E+00
6.56E+01	-9.30E+01	1.71E+02	4.88E-03	-3.77E+00
6.57E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.77E+00
6.57E+01	-9.30E+01	1.71E+02	-8.54E-03	-3.75E+00
6.57E+01	-9.30E+01	1.71E+02	2.44E-03	-3.76E+00
6.57E+01	-9.30E+01	1.71E+02	3.66E-03	-3.75E+00
6.57E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.76E+00
6.58E+01	-9.30E+01	1.71E+02	-1.59E-02	-3.77E+00
6.58E+01	-9.30E+01	1.72E+02	-2.44E-02	-3.75E+00
6.58E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.74E+00
6.58E+01	-9.30E+01	1.71E+02	-4.88E-03	-3.75E+00
6.58E+01	-9.30E+01	1.72E+02	-3.78E-02	-3.75E+00
6.59E+01	-9.30E+01	1.71E+02	-7.32E-03	-3.74E+00
6.59E+01	-9.30E+01	1.71E+02	-2.32E-02	-3.76E+00
6.59E+01	-9.30E+01	1.71E+02	-5.49E-02	-3.77E+00
6.59E+01	-9.30E+01	1.71E+02	-3.42E-02	-3.75E+00
6.59E+01	-9.30E+01	1.71E+02	1.22E-02	-3.75E+00
6.60E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.75E+00
6.60E+01	-9.30E+01	1.71E+02	-2.44E-03	-3.75E+00
6.60E+01	-9.30E+01	1.71E+02	-1.46E-02	-3.75E+00
6.60E+01	-9.30E+01	1.71E+02	-3.42E-02	-3.74E+00
6.60E+01	-9.30E+01	1.71E+02	7.32E-03	-3.73E+00
6.61E+01	-9.30E+01	1.71E+02	7.32E-03	-3.74E+00
6.61E+01	-9.30E+01	1.71E+02	-4.88E-03	-3.72E+00
6.61E+01	-9.30E+01	1.72E+02	-4.88E-03	-3.72E+00
6.61E+01	-9.30E+01	1.71E+02	-1.34E-02	-3.73E+00
6.61E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.73E+00
6.62E+01	-9.30E+01	1.71E+02	-2.69E-02	-3.72E+00
6.62E+01	-9.30E+01	1.71E+02	-2.69E-02	-3.72E+00
6.62E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.72E+00
6.62E+01	-9.30E+01	1.71E+02	-2.56E-02	-3.72E+00
6.62E+01	-9.30E+01	1.71E+02	-2.81E-02	-3.72E+00
6.63E+01	-9.30E+01	1.71E+02	-3.42E-02	-3.72E+00
6.63E+01	-9.30E+01	1.71E+02	-3.30E-02	-3.71E+00
6.63E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.73E+00
6.63E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.71E+00
6.63E+01	-9.30E+01	1.71E+02	-1.46E-02	-3.72E+00
6.64E+01	-9.30E+01	1.71E+02	8.54E-03	-3.70E+00
6.64E+01	-9.30E+01	1.71E+02	0.00E+00	-3.71E+00
6.64E+01	-9.30E+01	1.71E+02	-1.83E-02	-3.69E+00

6.64E+01	-9.30E+01	1.71E+02	-6.10E-03	-3.70E+00
6.64E+01	-9.30E+01	1.71E+02	-6.10E-03	-3.71E+00
6.65E+01	-9.30E+01	1.71E+02	-9.77E-03	-3.70E+00
6.65E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.69E+00
6.65E+01	-9.30E+01	1.71E+02	-9.77E-03	-3.69E+00
6.65E+01	-9.30E+01	1.71E+02	-3.78E-02	-3.70E+00
6.65E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.69E+00
6.66E+01	-9.30E+01	1.71E+02	-3.42E-02	-3.70E+00
6.66E+01	-9.30E+01	1.71E+02	-3.91E-02	-3.69E+00
6.66E+01	-9.30E+01	1.71E+02	-4.39E-02	-3.70E+00
6.66E+01	-9.30E+01	1.70E+02	-2.08E-02	-3.70E+00
6.66E+01	-9.30E+01	1.71E+02	0.00E+00	-3.70E+00
6.67E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.69E+00
6.67E+01	-9.30E+01	1.70E+02	-2.08E-02	-3.70E+00
6.67E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.69E+00
6.67E+01	-9.30E+01	1.71E+02	0.00E+00	-3.68E+00
6.67E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.68E+00
6.68E+01	-9.30E+01	1.70E+02	1.83E-02	-3.69E+00
6.68E+01	-9.30E+01	1.70E+02	-2.44E-03	-3.68E+00
6.68E+01	-9.30E+01	1.70E+02	9.77E-03	-3.67E+00
6.68E+01	-9.30E+01	1.71E+02	-8.54E-03	-3.67E+00
6.68E+01	-9.30E+01	1.71E+02	-2.44E-03	-3.67E+00
6.69E+01	-9.30E+01	1.70E+02	4.88E-03	-3.67E+00
6.69E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.66E+00
6.69E+01	-9.30E+01	1.70E+02	-4.88E-03	-3.65E+00
6.69E+01	-9.30E+01	1.71E+02	-1.10E-02	-3.65E+00
6.69E+01	-9.30E+01	1.71E+02	-1.95E-02	-3.66E+00
6.70E+01	-9.30E+01	1.70E+02	-2.81E-02	-3.66E+00
6.70E+01	-9.30E+01	1.71E+02	-3.54E-02	-3.66E+00
6.70E+01	-9.30E+01	1.71E+02	-4.39E-02	-3.66E+00
6.70E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.67E+00
6.70E+01	-9.30E+01	1.70E+02	-3.54E-02	-3.66E+00
6.71E+01	-9.30E+01	1.70E+02	-8.54E-03	-3.67E+00
6.71E+01	-9.30E+01	1.71E+02	-8.54E-03	-3.66E+00
6.71E+01	-9.30E+01	1.70E+02	-2.44E-03	-3.65E+00
6.71E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.64E+00
6.71E+01	-9.30E+01	1.71E+02	-4.88E-03	-3.63E+00
6.72E+01	-9.30E+01	1.71E+02	-1.71E-02	-3.64E+00
6.72E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.65E+00
6.72E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.63E+00
6.72E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.64E+00
6.72E+01	-9.30E+01	1.70E+02	-3.66E-03	-3.64E+00
6.73E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.64E+00
6.73E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.63E+00
6.73E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.64E+00
6.73E+01	-9.30E+01	1.71E+02	-9.77E-03	-3.63E+00
6.73E+01	-9.30E+01	1.70E+02	-2.32E-02	-3.64E+00

6.74E+01	-9.30E+01	1.70E+02	3.66E-03	-3.64E+00
6.74E+01	-9.30E+01	1.70E+02	2.44E-03	-3.63E+00
6.74E+01	-9.30E+01	1.71E+02	1.22E-02	-3.62E+00
6.74E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.62E+00
6.74E+01	-9.30E+01	1.71E+02	1.95E-02	-3.61E+00
6.75E+01	-9.30E+01	1.70E+02	-1.22E-03	-3.62E+00
6.75E+01	-9.30E+01	1.71E+02	1.71E-02	-3.61E+00
6.75E+01	-9.30E+01	1.71E+02	-2.44E-02	-3.61E+00
6.75E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.60E+00
6.75E+01	-9.30E+01	1.71E+02	-1.83E-02	-3.61E+00
6.76E+01	-9.30E+01	1.71E+02	-2.44E-02	-3.61E+00
6.76E+01	-9.30E+01	1.71E+02	-3.66E-02	-3.60E+00
6.76E+01	-9.30E+01	1.71E+02	-3.42E-02	-3.61E+00
6.76E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.62E+00
6.76E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.62E+00
6.77E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.60E+00
6.77E+01	-9.30E+01	1.71E+02	-9.77E-03	-3.61E+00
6.77E+01	-9.30E+01	1.70E+02	-4.88E-03	-3.60E+00
6.77E+01	-9.30E+01	1.70E+02	-8.54E-03	-3.60E+00
6.77E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.58E+00
6.78E+01	-9.30E+01	1.70E+02	-1.22E-03	-3.59E+00
6.78E+01	-9.30E+01	1.71E+02	2.44E-03	-3.59E+00
6.78E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.58E+00
6.78E+01	-9.30E+01	1.70E+02	-3.30E-02	-3.58E+00
6.78E+01	-9.30E+01	1.71E+02	-1.46E-02	-3.58E+00
6.79E+01	-9.30E+01	1.71E+02	-8.54E-03	-3.58E+00
6.79E+01	-9.30E+01	1.70E+02	-3.17E-02	-3.59E+00
6.79E+01	-9.30E+01	1.70E+02	-5.37E-02	-3.59E+00
6.79E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.59E+00
6.79E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.59E+00
6.80E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.58E+00
6.80E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.57E+00
6.80E+01	-9.30E+01	1.70E+02	1.22E-03	-3.58E+00
6.80E+01	-9.30E+01	1.70E+02	-3.05E-02	-3.57E+00
6.80E+01	-9.30E+01	1.70E+02	-1.22E-03	-3.56E+00
6.81E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.56E+00
6.81E+01	-9.30E+01	1.71E+02	1.22E-02	-3.56E+00
6.81E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.56E+00
6.81E+01	-9.30E+01	1.70E+02	-4.39E-02	-3.56E+00
6.81E+01	-9.30E+01	1.71E+02	-2.44E-02	-3.56E+00
6.82E+01	-9.30E+01	1.70E+02	-3.17E-02	-3.57E+00
6.82E+01	-9.30E+01	1.70E+02	-3.17E-02	-3.57E+00
6.82E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.56E+00
6.82E+01	-9.30E+01	1.70E+02	-1.59E-02	-3.57E+00
6.82E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.55E+00
6.83E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.55E+00
6.83E+01	-9.30E+01	1.70E+02	-6.10E-03	-3.56E+00

6.83E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.55E+00
6.83E+01	-9.30E+01	1.70E+02	-4.88E-03	-3.55E+00
6.83E+01	-9.30E+01	1.71E+02	-2.69E-02	-3.54E+00
6.84E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.54E+00
6.84E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.53E+00
6.84E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.54E+00
6.84E+01	-9.30E+01	1.70E+02	-5.37E-02	-3.55E+00
6.84E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.54E+00
6.85E+01	-9.30E+01	1.70E+02	1.10E-02	-3.54E+00
6.85E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.54E+00
6.85E+01	-9.30E+01	1.70E+02	-3.17E-02	-3.53E+00
6.85E+01	-9.30E+01	1.70E+02	6.10E-03	-3.53E+00
6.85E+01	-9.30E+01	1.70E+02	1.46E-02	-3.53E+00
6.86E+01	-9.30E+01	1.70E+02	-1.34E-02	-3.52E+00
6.86E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.52E+00
6.86E+01	-9.30E+01	1.70E+02	-3.17E-02	-3.52E+00
6.86E+01	-9.30E+01	1.70E+02	-3.30E-02	-3.53E+00
6.86E+01	-9.30E+01	1.70E+02	-2.81E-02	-3.53E+00
6.87E+01	-9.30E+01	1.70E+02	-1.59E-02	-3.53E+00
6.87E+01	-9.30E+01	1.70E+02	-6.10E-03	-3.53E+00
6.87E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.52E+00
6.87E+01	-9.30E+01	1.70E+02	1.22E-02	-3.51E+00
6.87E+01	-9.30E+01	1.70E+02	-2.44E-03	-3.51E+00
6.88E+01	-9.30E+01	1.70E+02	-1.10E-02	-3.51E+00
6.88E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.50E+00
6.88E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.50E+00
6.88E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.50E+00
6.88E+01	-9.30E+01	1.70E+02	-3.30E-02	-3.49E+00
6.89E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.51E+00
6.89E+01	-9.30E+01	1.70E+02	-2.32E-02	-3.52E+00
6.89E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.51E+00
6.89E+01	-9.30E+01	1.70E+02	-1.83E-02	-3.50E+00
6.89E+01	-9.30E+01	1.70E+02	-2.44E-03	-3.50E+00
6.90E+01	-9.30E+01	1.70E+02	-1.34E-02	-3.50E+00
6.90E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.50E+00
6.90E+01	-9.30E+01	1.70E+02	-4.39E-02	-3.49E+00
6.90E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.48E+00
6.90E+01	-9.30E+01	1.70E+02	3.30E-02	-3.49E+00
6.91E+01	-9.30E+01	1.70E+02	4.88E-03	-3.48E+00
6.91E+01	-9.30E+01	1.70E+02	-6.10E-03	-3.48E+00
6.91E+01	-9.30E+01	1.70E+02	9.77E-03	-3.47E+00
6.91E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.48E+00
6.91E+01	-9.30E+01	1.70E+02	-5.13E-02	-3.47E+00
6.92E+01	-9.30E+01	1.70E+02	-3.66E-02	-3.48E+00
6.92E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.48E+00
6.92E+01	-9.30E+01	1.70E+02	-1.59E-02	-3.48E+00
6.92E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.48E+00

6.92E+01	-9.30E+01	1.70E+02	-1.10E-02	-3.47E+00
6.93E+01	-9.30E+01	1.70E+02	3.66E-03	-3.47E+00
6.93E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.47E+00
6.93E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.48E+00
6.93E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.46E+00
6.93E+01	-9.30E+01	1.70E+02	4.88E-03	-3.47E+00
6.94E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.46E+00
6.94E+01	-9.30E+01	1.70E+02	-1.59E-02	-3.45E+00
6.94E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.45E+00
6.94E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.45E+00
6.94E+01	-9.30E+01	1.70E+02	-4.64E-02	-3.46E+00
6.95E+01	-9.30E+01	1.70E+02	-3.66E-02	-3.45E+00
6.95E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.45E+00
6.95E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.46E+00
6.95E+01	-9.30E+01	1.70E+02	-4.27E-02	-3.46E+00
6.95E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.46E+00
6.96E+01	-9.30E+01	1.70E+02	-3.66E-02	-3.45E+00
6.96E+01	-9.30E+01	1.70E+02	-3.66E-03	-3.45E+00
6.96E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.45E+00
6.96E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.44E+00
6.96E+01	-9.30E+01	1.70E+02	-1.22E-03	-3.43E+00
6.97E+01	-9.30E+01	1.70E+02	2.44E-03	-3.43E+00
6.97E+01	-9.30E+01	1.70E+02	-2.44E-03	-3.43E+00
6.97E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.42E+00
6.97E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.42E+00
6.97E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.45E+00
6.98E+01	-9.30E+01	1.70E+02	-4.27E-02	-3.43E+00
6.98E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.45E+00
6.98E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.43E+00
6.98E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.43E+00
6.98E+01	-9.30E+01	1.70E+02	-1.34E-02	-3.43E+00
6.99E+01	-9.30E+01	1.70E+02	1.10E-02	-3.41E+00
6.99E+01	-9.30E+01	1.70E+02	0.00E+00	-3.42E+00
6.99E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.42E+00
6.99E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.41E+00
6.99E+01	-9.30E+01	1.70E+02	-4.88E-03	-3.40E+00
7.00E+01	-9.30E+01	1.70E+02	-4.39E-02	-3.40E+00
7.00E+01	-9.30E+01	1.70E+02	-3.17E-02	-3.40E+00
7.00E+01	-9.30E+01	1.70E+02	-3.54E-02	-3.40E+00
7.00E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.41E+00
7.00E+01	-9.30E+01	1.70E+02	-3.17E-02	-3.41E+00
7.01E+01	-9.30E+01	1.70E+02	-2.08E-02	-3.40E+00
7.01E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.39E+00
7.01E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.40E+00
7.01E+01	-9.30E+01	1.70E+02	-2.08E-02	-3.42E+00
7.01E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.41E+00
7.02E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.40E+00

7.02E+01	-9.30E+01	1.70E+02	9.77E-03	-3.40E+00
7.02E+01	-9.30E+01	1.70E+02	2.44E-03	-3.39E+00
7.02E+01	-9.30E+01	1.70E+02	2.93E-02	-3.39E+00
7.02E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.38E+00
7.03E+01	-9.30E+01	1.70E+02	1.46E-02	-3.38E+00
7.03E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.37E+00
7.03E+01	-9.30E+01	1.70E+02	-2.32E-02	-3.38E+00
7.03E+01	-9.30E+01	1.70E+02	-3.05E-02	-3.37E+00
7.03E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.39E+00
7.04E+01	-9.30E+01	1.70E+02	-3.66E-02	-3.38E+00
7.04E+01	-9.30E+01	1.70E+02	-2.32E-02	-3.38E+00
7.04E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.39E+00
7.04E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.38E+00
7.04E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.39E+00
7.05E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.37E+00
7.05E+01	-9.30E+01	1.70E+02	9.77E-03	-3.35E+00
7.05E+01	-9.30E+01	1.70E+02	2.44E-03	-3.36E+00
7.05E+01	-9.30E+01	1.70E+02	-8.54E-03	-3.36E+00
7.05E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.35E+00
7.06E+01	-9.30E+01	1.70E+02	-4.88E-03	-3.34E+00
7.06E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.35E+00
7.06E+01	-9.30E+01	1.70E+02	-4.39E-02	-3.35E+00
7.06E+01	-9.30E+01	1.70E+02	-3.66E-02	-3.35E+00
7.06E+01	-9.30E+01	1.70E+02	-3.66E-02	-3.36E+00
7.07E+01	-9.30E+01	1.70E+02	-3.54E-02	-3.37E+00
7.07E+01	-9.30E+01	1.70E+02	-2.08E-02	-3.35E+00
7.07E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.35E+00
7.07E+01	-9.30E+01	1.70E+02	-1.22E-03	-3.35E+00
7.07E+01	-9.30E+01	1.70E+02	-4.88E-03	-3.34E+00
7.08E+01	-9.30E+01	1.70E+02	-2.44E-03	-3.33E+00
7.08E+01	-9.30E+01	1.70E+02	0.00E+00	-3.34E+00
7.08E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.33E+00
7.08E+01	-9.30E+01	1.70E+02	-3.66E-02	-3.33E+00
7.08E+01	-9.30E+01	1.70E+02	-3.17E-02	-3.34E+00
7.09E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.34E+00
7.09E+01	-9.30E+01	1.70E+02	-4.27E-02	-3.34E+00
7.09E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.34E+00
7.09E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.34E+00
7.09E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.34E+00
7.10E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.34E+00
7.10E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.33E+00
7.10E+01	-9.30E+01	1.70E+02	2.81E-02	-3.33E+00
7.10E+01	-9.30E+01	1.69E+02	7.32E-03	-3.32E+00
7.10E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.33E+00
7.11E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.31E+00
7.11E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.31E+00
7.11E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.31E+00

7.11E+01	-9.30E+01	1.69E+02	-6.59E-02	-3.31E+00
7.11E+01	-9.30E+01	1.69E+02	-2.81E-02	-3.32E+00
7.12E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.32E+00
7.12E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.32E+00
7.12E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.31E+00
7.12E+01	-9.30E+01	1.69E+02	4.88E-03	-3.30E+00
7.12E+01	-9.30E+01	1.69E+02	3.66E-03	-3.31E+00
7.13E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.30E+00
7.13E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.29E+00
7.13E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.30E+00
7.13E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.29E+00
7.13E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.30E+00
7.14E+01	-9.30E+01	1.70E+02	-8.54E-03	-3.28E+00
7.14E+01	-9.30E+01	1.70E+02	-4.88E-03	-3.29E+00
7.14E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.29E+00
7.14E+01	-9.30E+01	1.69E+02	-6.59E-02	-3.29E+00
7.14E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.29E+00
7.15E+01	-9.30E+01	1.69E+02	1.71E-02	-3.29E+00
7.15E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.29E+00
7.15E+01	-9.30E+01	1.69E+02	-4.88E-03	-3.27E+00
7.15E+01	-9.30E+01	1.69E+02	1.83E-02	-3.27E+00
7.15E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.27E+00
7.16E+01	-9.30E+01	1.69E+02	-1.22E-03	-3.27E+00
7.16E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.27E+00
7.16E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.26E+00
7.16E+01	-9.30E+01	1.69E+02	-2.56E-02	-3.27E+00
7.16E+01	-9.30E+01	1.69E+02	-4.15E-02	-3.28E+00
7.17E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.27E+00
7.17E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.27E+00
7.17E+01	-9.30E+01	1.69E+02	-4.88E-03	-3.27E+00
7.17E+01	-9.30E+01	1.69E+02	-1.34E-02	-3.27E+00
7.17E+01	-9.30E+01	1.69E+02	9.77E-03	-3.26E+00
7.18E+01	-9.30E+01	1.69E+02	0.00E+00	-3.25E+00
7.18E+01	-9.30E+01	1.69E+02	1.22E-03	-3.25E+00
7.18E+01	-9.30E+01	1.69E+02	-4.88E-03	-3.26E+00
7.18E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.25E+00
7.18E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.25E+00
7.19E+01	-9.30E+01	1.69E+02	-4.64E-02	-3.23E+00
7.19E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.24E+00
7.19E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.24E+00
7.19E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.25E+00
7.19E+01	-9.30E+01	1.68E+02	-3.91E-02	-3.25E+00
7.20E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.25E+00
7.20E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.25E+00
7.20E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.25E+00
7.20E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.25E+00
7.20E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.25E+00

7.21E+01	-9.30E+01	1.69E+02	0.00E+00	-3.24E+00
7.21E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.24E+00
7.21E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.24E+00
7.21E+01	-9.30E+01	1.69E+02	0.00E+00	-3.23E+00
7.21E+01	-9.30E+01	1.69E+02	-4.88E-03	-3.23E+00
7.22E+01	-9.30E+01	1.69E+02	4.88E-03	-3.24E+00
7.22E+01	-9.30E+01	1.69E+02	0.00E+00	-3.22E+00
7.22E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.22E+00
7.22E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.21E+00
7.22E+01	-9.30E+01	1.69E+02	4.88E-03	-3.21E+00
7.23E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.21E+00
7.23E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.22E+00
7.23E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.21E+00
7.23E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.22E+00
7.23E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.22E+00
7.24E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.21E+00
7.24E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.22E+00
7.24E+01	-9.30E+01	1.68E+02	-1.10E-02	-3.21E+00
7.24E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.21E+00
7.24E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.21E+00
7.25E+01	-9.30E+01	1.69E+02	0.00E+00	-3.20E+00
7.25E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.20E+00
7.25E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.19E+00
7.25E+01	-9.30E+01	1.69E+02	-3.66E-03	-3.19E+00
7.25E+01	-9.30E+01	1.69E+02	-2.56E-02	-3.21E+00
7.26E+01	-9.30E+01	1.69E+02	-3.66E-02	-3.19E+00
7.26E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.20E+00
7.26E+01	-9.30E+01	1.69E+02	-3.91E-02	-3.19E+00
7.26E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.20E+00
7.26E+01	-9.30E+01	1.68E+02	-3.78E-02	-3.19E+00
7.27E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.19E+00
7.27E+01	-9.30E+01	1.68E+02	2.93E-02	-3.19E+00
7.27E+01	-9.30E+01	1.69E+02	-6.10E-03	-3.18E+00
7.27E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.18E+00
7.27E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.17E+00
7.28E+01	-9.30E+01	1.69E+02	4.88E-03	-3.17E+00
7.28E+01	-9.30E+01	1.69E+02	-1.34E-02	-3.17E+00
7.28E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.17E+00
7.28E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.16E+00
7.28E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.17E+00
7.29E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.16E+00
7.29E+01	-9.30E+01	1.69E+02	-4.03E-02	-3.17E+00
7.29E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.17E+00
7.29E+01	-9.30E+01	1.68E+02	-2.56E-02	-3.18E+00
7.29E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.18E+00
7.30E+01	-9.30E+01	1.69E+02	-6.10E-03	-3.16E+00
7.30E+01	-9.30E+01	1.68E+02	2.44E-02	-3.16E+00

7.30E+01	-9.30E+01	1.68E+02	-6.10E-03	-3.15E+00
7.30E+01	-9.30E+01	1.69E+02	1.83E-02	-3.14E+00
7.30E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.15E+00
7.31E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.15E+00
7.31E+01	-9.30E+01	1.68E+02	-2.81E-02	-3.16E+00
7.31E+01	-9.30E+01	1.68E+02	-2.56E-02	-3.15E+00
7.31E+01	-9.30E+01	1.68E+02	-6.10E-03	-3.15E+00
7.31E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.15E+00
7.32E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.13E+00
7.32E+01	-9.30E+01	1.69E+02	4.88E-03	-3.13E+00
7.32E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.13E+00
7.32E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.13E+00
7.32E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.13E+00
7.33E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.13E+00
7.33E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.15E+00
7.33E+01	-9.30E+01	1.68E+02	-3.91E-02	-3.13E+00
7.33E+01	-9.30E+01	1.68E+02	-1.34E-02	-3.14E+00
7.33E+01	-9.30E+01	1.68E+02	-3.66E-02	-3.13E+00
7.34E+01	-9.30E+01	1.69E+02	-3.66E-03	-3.12E+00
7.34E+01	-9.30E+01	1.68E+02	1.83E-02	-3.12E+00
7.34E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.11E+00
7.34E+01	-9.30E+01	1.68E+02	-1.34E-02	-3.11E+00
7.34E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.11E+00
7.35E+01	-9.30E+01	1.69E+02	-2.32E-02	-3.11E+00
7.35E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.11E+00
7.35E+01	-9.30E+01	1.68E+02	-3.05E-02	-3.12E+00
7.35E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.13E+00
7.35E+01	-9.30E+01	1.68E+02	-1.83E-02	-3.12E+00
7.36E+01	-9.30E+01	1.68E+02	-2.81E-02	-3.14E+00
7.36E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.11E+00
7.36E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.11E+00
7.36E+01	-9.30E+01	1.68E+02	6.10E-03	-3.11E+00
7.36E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.10E+00
7.37E+01	-9.30E+01	1.68E+02	-1.22E-03	-3.09E+00
7.37E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.09E+00
7.37E+01	-9.30E+01	1.69E+02	-4.88E-02	-3.09E+00
7.37E+01	-9.30E+01	1.68E+02	-4.03E-02	-3.09E+00
7.37E+01	-9.30E+01	1.68E+02	-3.17E-02	-3.09E+00
7.38E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.10E+00
7.38E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.10E+00
7.38E+01	-9.30E+01	1.68E+02	-4.15E-02	-3.09E+00
7.38E+01	-9.30E+01	1.68E+02	-3.66E-02	-3.08E+00
7.38E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.09E+00
7.39E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.09E+00
7.39E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.09E+00
7.39E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.08E+00
7.39E+01	-9.30E+01	1.68E+02	2.44E-02	-3.07E+00

7.39E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.07E+00
7.40E+01	-9.30E+01	1.68E+02	-3.05E-02	-3.07E+00
7.40E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.07E+00
7.40E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.07E+00
7.40E+01	-9.30E+01	1.68E+02	-3.66E-02	-3.07E+00
7.40E+01	-9.30E+01	1.69E+02	-3.66E-02	-3.07E+00
7.41E+01	-9.30E+01	1.68E+02	-3.91E-02	-3.07E+00
7.41E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.07E+00
7.41E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.06E+00
7.41E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.07E+00
7.41E+01	-9.30E+01	1.68E+02	9.77E-03	-3.06E+00
7.42E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.06E+00
7.42E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.04E+00
7.42E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.04E+00
7.42E+01	-9.30E+01	1.69E+02	9.77E-03	-3.05E+00
7.42E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.04E+00
7.43E+01	-9.30E+01	1.68E+02	-2.08E-02	-3.04E+00
7.43E+01	-9.30E+01	1.69E+02	-4.88E-03	-3.04E+00
7.43E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.05E+00
7.43E+01	-9.30E+01	1.68E+02	-3.17E-02	-3.04E+00
7.43E+01	-9.30E+01	1.68E+02	-3.17E-02	-3.04E+00
7.44E+01	-9.30E+01	1.68E+02	-3.17E-02	-3.04E+00
7.44E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.05E+00
7.44E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.05E+00
7.44E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.04E+00
7.44E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.04E+00
7.45E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.04E+00
7.45E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.04E+00
7.45E+01	-9.30E+01	1.68E+02	1.46E-02	-3.03E+00
7.45E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.03E+00
7.45E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.03E+00
7.46E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.02E+00
7.46E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.01E+00
7.46E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.02E+00
7.46E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.02E+00
7.46E+01	-9.30E+01	1.69E+02	-3.66E-02	-3.02E+00
7.47E+01	-9.30E+01	1.68E+02	-3.17E-02	-3.02E+00
7.47E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.02E+00
7.47E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.02E+00
7.47E+01	-9.30E+01	1.69E+02	-6.10E-03	-3.02E+00
7.47E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.01E+00
7.48E+01	-9.30E+01	1.68E+02	-3.66E-03	-3.02E+00
7.48E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.01E+00
7.48E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.99E+00
7.48E+01	-9.30E+01	1.69E+02	-8.54E-03	-2.99E+00
7.48E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.99E+00
7.49E+01	-9.30E+01	1.69E+02	-3.30E-02	-2.99E+00

7.49E+01	-9.30E+01	1.69E+02	-2.32E-02	-2.99E+00
7.49E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.98E+00
7.49E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.00E+00
7.49E+01	-9.30E+01	1.68E+02	-4.15E-02	-2.99E+00
7.50E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.00E+00
7.50E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.00E+00
7.50E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.99E+00
7.50E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.99E+00
7.50E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.98E+00
7.51E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.97E+00
7.51E+01	-9.30E+01	1.68E+02	-4.39E-02	-2.97E+00
7.51E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.97E+00
7.51E+01	-9.30E+01	1.68E+02	-4.88E-02	-2.97E+00
7.51E+01	-9.30E+01	1.68E+02	-3.17E-02	-2.98E+00
7.52E+01	-9.30E+01	1.69E+02	-5.86E-02	-2.98E+00
7.52E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.98E+00
7.52E+01	-9.30E+01	1.68E+02	-8.54E-03	-2.98E+00
7.52E+01	-9.30E+01	1.68E+02	-1.59E-02	-2.96E+00
7.52E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.96E+00
7.53E+01	-9.30E+01	1.69E+02	1.46E-02	-2.96E+00
7.53E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.96E+00
7.53E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.95E+00
7.53E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.95E+00
7.53E+01	-9.30E+01	1.68E+02	-8.54E-03	-2.94E+00
7.54E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.95E+00
7.54E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.94E+00
7.54E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.95E+00
7.54E+01	-9.30E+01	1.68E+02	4.88E-03	-2.96E+00
7.54E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.96E+00
7.55E+01	-9.30E+01	1.68E+02	-2.32E-02	-2.95E+00
7.55E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.95E+00
7.55E+01	-9.30E+01	1.68E+02	9.77E-03	-2.94E+00
7.55E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.94E+00
7.55E+01	-9.30E+01	1.68E+02	4.88E-03	-2.93E+00
7.56E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.94E+00
7.56E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.93E+00
7.56E+01	-9.30E+01	1.68E+02	-3.66E-02	-2.94E+00
7.56E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.93E+00
7.56E+01	-9.30E+01	1.68E+02	-3.17E-02	-2.94E+00
7.57E+01	-9.30E+01	1.68E+02	-5.37E-02	-2.95E+00
7.57E+01	-9.30E+01	1.68E+02	-2.81E-02	-2.94E+00
7.57E+01	-9.30E+01	1.68E+02	1.46E-02	-2.93E+00
7.57E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.93E+00
7.57E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.92E+00
7.58E+01	-9.30E+01	1.68E+02	-1.34E-02	-2.92E+00
7.58E+01	-9.30E+01	1.68E+02	-1.22E-03	-2.92E+00
7.58E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.91E+00

7.58E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.91E+00
7.58E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.90E+00
7.59E+01	-9.30E+01	1.68E+02	-3.66E-02	-2.92E+00
7.59E+01	-9.30E+01	1.68E+02	-3.30E-02	-2.93E+00
7.59E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.92E+00
7.59E+01	-9.30E+01	1.68E+02	-4.15E-02	-2.91E+00
7.59E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.91E+00
7.60E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.91E+00
7.60E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.90E+00
7.60E+01	-9.30E+01	1.68E+02	1.46E-02	-2.90E+00
7.60E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.90E+00
7.60E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.89E+00
7.61E+01	-9.30E+01	1.68E+02	-6.10E-03	-2.89E+00
7.61E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.89E+00
7.61E+01	-9.30E+01	1.68E+02	-3.05E-02	-2.91E+00
7.61E+01	-9.30E+01	1.68E+02	-2.32E-02	-2.89E+00
7.61E+01	-9.30E+01	1.68E+02	-3.17E-02	-2.89E+00
7.62E+01	-9.30E+01	1.67E+02	4.88E-03	-2.89E+00
7.62E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.90E+00
7.62E+01	-9.30E+01	1.68E+02	-5.37E-02	-2.90E+00
7.62E+01	-9.30E+01	1.68E+02	4.88E-03	-2.89E+00
7.62E+01	-9.30E+01	1.67E+02	1.34E-02	-2.89E+00
7.63E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.88E+00
7.63E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.87E+00
7.63E+01	-9.30E+01	1.68E+02	9.77E-03	-2.88E+00
7.63E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.87E+00
7.63E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.87E+00
7.64E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.87E+00
7.64E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.89E+00
7.64E+01	-9.30E+01	1.67E+02	-3.66E-02	-2.87E+00
7.64E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.87E+00
7.64E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.87E+00
7.65E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.88E+00
7.65E+01	-9.30E+01	1.67E+02	-1.22E-03	-2.88E+00
7.65E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.87E+00
7.65E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.87E+00
7.65E+01	-9.30E+01	1.67E+02	2.44E-03	-2.86E+00
7.66E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.86E+00
7.66E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.85E+00
7.66E+01	-9.30E+01	1.67E+02	0.00E+00	-2.86E+00
7.66E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.85E+00
7.66E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.83E+00
7.67E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.84E+00
7.67E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.84E+00
7.67E+01	-9.30E+01	1.67E+02	-4.15E-02	-2.84E+00
7.67E+01	-9.30E+01	1.68E+02	-3.05E-02	-2.84E+00
7.67E+01	-9.30E+01	1.67E+02	-4.64E-02	-2.84E+00

7.68E+01	-9.30E+01	1.67E+02	-3.42E-02	-2.84E+00
7.68E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.85E+00
7.68E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.84E+00
7.68E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.84E+00
7.68E+01	-9.30E+01	1.67E+02	4.88E-03	-2.84E+00
7.69E+01	-9.30E+01	1.67E+02	4.88E-03	-2.84E+00
7.69E+01	-9.30E+01	1.67E+02	0.00E+00	-2.84E+00
7.69E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.82E+00
7.69E+01	-9.30E+01	1.67E+02	1.46E-02	-2.82E+00
7.69E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.82E+00
7.70E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.82E+00
7.70E+01	-9.30E+01	1.67E+02	-3.05E-02	-2.81E+00
7.70E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.82E+00
7.70E+01	-9.30E+01	1.67E+02	-4.64E-02	-2.82E+00
7.70E+01	-9.30E+01	1.67E+02	-3.42E-02	-2.82E+00
7.71E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.81E+00
7.71E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.83E+00
7.71E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.81E+00
7.71E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.81E+00
7.71E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.80E+00
7.72E+01	-9.30E+01	1.67E+02	1.10E-02	-2.81E+00
7.72E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.80E+00
7.72E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.79E+00
7.72E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.80E+00
7.72E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.79E+00
7.73E+01	-9.30E+01	1.67E+02	-3.66E-02	-2.80E+00
7.73E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.80E+00
7.73E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.80E+00
7.73E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.79E+00
7.73E+01	-9.30E+01	1.66E+02	-3.66E-03	-2.80E+00
7.74E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.78E+00
7.74E+01	-9.30E+01	1.67E+02	-2.08E-02	-2.79E+00
7.74E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.78E+00
7.74E+01	-9.30E+01	1.66E+02	-3.78E-02	-2.79E+00
7.74E+01	-9.30E+01	1.66E+02	-3.30E-02	-2.78E+00
7.75E+01	-9.30E+01	1.66E+02	-6.10E-02	-2.79E+00
7.75E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.79E+00
7.75E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.79E+00
7.75E+01	-9.30E+01	1.66E+02	-3.78E-02	-2.78E+00
7.75E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.77E+00
7.76E+01	-9.30E+01	1.66E+02	4.88E-03	-2.77E+00
7.76E+01	-9.30E+01	1.66E+02	4.88E-03	-2.76E+00
7.76E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.75E+00
7.76E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.75E+00
7.76E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.76E+00
7.77E+01	-9.30E+01	1.66E+02	-2.81E-02	-2.76E+00
7.77E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.76E+00

7.77E+01	-9.30E+01	1.66E+02	-1.22E-03	-2.75E+00
7.77E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.77E+00
7.77E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.76E+00
7.78E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.76E+00
7.78E+01	-9.30E+01	1.66E+02	7.32E-03	-2.76E+00
7.78E+01	-9.30E+01	1.66E+02	2.44E-03	-2.75E+00
7.78E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.74E+00
7.78E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.73E+00
7.79E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.74E+00
7.79E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.73E+00
7.79E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.74E+00
7.79E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.74E+00
7.79E+01	-9.30E+01	1.66E+02	-3.05E-02	-2.75E+00
7.80E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.74E+00
7.80E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.75E+00
7.80E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.74E+00
7.80E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.74E+00
7.80E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.73E+00
7.81E+01	-9.30E+01	1.66E+02	1.22E-03	-2.73E+00
7.81E+01	-9.30E+01	1.66E+02	-6.10E-03	-2.73E+00
7.81E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.74E+00
7.81E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.71E+00
7.81E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.72E+00
7.82E+01	-9.30E+01	1.66E+02	-3.30E-02	-2.73E+00
7.82E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.72E+00
7.82E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.72E+00
7.82E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.73E+00
7.82E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.73E+00
7.83E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.73E+00
7.83E+01	-9.30E+01	1.65E+02	-1.22E-03	-2.71E+00
7.83E+01	-9.30E+01	1.66E+02	9.77E-03	-2.71E+00
7.83E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.70E+00
7.83E+01	-9.30E+01	1.66E+02	1.46E-02	-2.69E+00
7.84E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.70E+00
7.84E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.70E+00
7.84E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.70E+00
7.84E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.69E+00
7.84E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.70E+00
7.85E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.70E+00
7.85E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.70E+00
7.85E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.70E+00
7.85E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.70E+00
7.85E+01	-9.30E+01	1.66E+02	-3.05E-02	-2.70E+00
7.86E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.70E+00
7.86E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.68E+00
7.86E+01	-9.30E+01	1.66E+02	7.32E-03	-2.68E+00
7.86E+01	-9.30E+01	1.66E+02	-2.81E-02	-2.68E+00

7.86E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.67E+00
7.87E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.67E+00
7.87E+01	-9.30E+01	1.66E+02	-6.10E-03	-2.66E+00
7.87E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.67E+00
7.87E+01	-9.30E+01	1.66E+02	-4.39E-02	-2.68E+00
7.87E+01	-9.30E+01	1.66E+02	-2.56E-02	-2.68E+00
7.88E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.68E+00
7.88E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.68E+00
7.88E+01	-9.30E+01	1.66E+02	0.00E+00	-2.67E+00
7.88E+01	-9.30E+01	1.66E+02	0.00E+00	-2.67E+00
7.88E+01	-9.30E+01	1.66E+02	1.46E-02	-2.67E+00
7.89E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.66E+00
7.89E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.66E+00
7.89E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.65E+00
7.89E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.65E+00
7.89E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.65E+00
7.90E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.65E+00
7.90E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.67E+00
7.90E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.66E+00
7.90E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.67E+00
7.90E+01	-9.30E+01	1.66E+02	8.54E-03	-2.65E+00
7.91E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.66E+00
7.91E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.65E+00
7.91E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.64E+00
7.91E+01	-9.30E+01	1.67E+02	6.10E-03	-2.64E+00
7.91E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.63E+00
7.92E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.63E+00
7.92E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.63E+00
7.92E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.64E+00
7.92E+01	-9.30E+01	1.67E+02	-4.03E-02	-2.62E+00
7.92E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.64E+00
7.93E+01	-9.30E+01	1.67E+02	-4.64E-02	-2.65E+00
7.93E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.64E+00
7.93E+01	-9.30E+01	1.67E+02	-3.66E-03	-2.62E+00
7.93E+01	-9.30E+01	1.67E+02	1.46E-02	-2.62E+00
7.93E+01	-9.30E+01	1.67E+02	2.44E-03	-2.62E+00
7.94E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.61E+00
7.94E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.61E+00
7.94E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.61E+00
7.94E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.62E+00
7.94E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.60E+00
7.95E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.62E+00
7.95E+01	-9.30E+01	1.67E+02	-2.81E-02	-2.62E+00
7.95E+01	-9.30E+01	1.67E+02	-6.35E-02	-2.63E+00
7.95E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.61E+00
7.95E+01	-9.30E+01	1.67E+02	9.77E-03	-2.61E+00
7.96E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.61E+00

7.96E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.61E+00
7.96E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.59E+00
7.96E+01	-9.30E+01	1.67E+02	3.66E-03	-2.59E+00
7.96E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.58E+00
7.97E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.59E+00
7.97E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.58E+00
7.97E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.59E+00
7.97E+01	-9.30E+01	1.67E+02	-5.62E-02	-2.59E+00
7.97E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.59E+00
7.98E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.59E+00
7.98E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.60E+00
7.98E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.59E+00
7.98E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.59E+00
7.98E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.58E+00
7.99E+01	-9.30E+01	1.67E+02	0.00E+00	-2.59E+00
7.99E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.59E+00
7.99E+01	-9.30E+01	1.67E+02	-1.34E-02	-2.58E+00
7.99E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.58E+00
7.99E+01	-9.30E+01	1.67E+02	7.32E-03	-2.57E+00
8.00E+01	-9.30E+01	1.67E+02	3.66E-02	-2.57E+00
8.00E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.56E+00
8.00E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.56E+00
8.00E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.55E+00
8.00E+01	-9.30E+01	1.67E+02	-1.22E-03	-2.56E+00
8.01E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.56E+00
8.01E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.55E+00
8.01E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.56E+00
8.01E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.56E+00
8.01E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.56E+00
8.02E+01	-9.30E+01	1.67E+02	-3.54E-02	-2.56E+00
8.02E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.55E+00
8.02E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.57E+00
8.02E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.56E+00
8.02E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.55E+00
8.03E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.55E+00
8.03E+01	-9.30E+01	1.67E+02	1.22E-03	-2.55E+00
8.03E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.54E+00
8.03E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.52E+00
8.03E+01	-9.30E+01	1.67E+02	0.00E+00	-2.53E+00
8.04E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.53E+00
8.04E+01	-9.30E+01	1.67E+02	-5.62E-02	-2.52E+00
8.04E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.52E+00
8.04E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.52E+00
8.04E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.53E+00
8.05E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.53E+00
8.05E+01	-9.30E+01	1.67E+02	-2.32E-02	-2.53E+00
8.05E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.52E+00

8.05E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.53E+00
8.05E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.53E+00
8.06E+01	-9.30E+01	1.67E+02	-5.13E-02	-2.53E+00
8.06E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.52E+00
8.06E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.53E+00
8.06E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.52E+00
8.06E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.51E+00
8.07E+01	-9.30E+01	1.67E+02	2.44E-03	-2.51E+00
8.07E+01	-9.30E+01	1.67E+02	-3.66E-03	-2.51E+00
8.07E+01	-9.30E+01	1.67E+02	-1.10E-02	-2.49E+00
8.07E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.50E+00
8.07E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.50E+00
8.08E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.51E+00
8.08E+01	-9.30E+01	1.67E+02	-3.42E-02	-2.50E+00
8.08E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.50E+00
8.08E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.50E+00
8.08E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.51E+00
8.09E+01	-9.30E+01	1.67E+02	-3.42E-02	-2.50E+00
8.09E+01	-9.30E+01	1.67E+02	-3.42E-02	-2.50E+00
8.09E+01	-9.30E+01	1.66E+02	-6.10E-03	-2.48E+00
8.09E+01	-9.30E+01	1.67E+02	-2.81E-02	-2.50E+00
8.09E+01	-9.30E+01	1.67E+02	-3.30E-02	-2.50E+00
8.10E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.50E+00
8.10E+01	-9.30E+01	1.66E+02	-1.83E-02	-2.49E+00
8.10E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.50E+00
8.10E+01	-9.30E+01	1.67E+02	-1.34E-02	-2.49E+00
8.10E+01	-9.30E+01	1.67E+02	-8.54E-03	-2.47E+00
8.11E+01	-9.30E+01	1.66E+02	0.00E+00	-2.48E+00
8.11E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.48E+00
8.11E+01	-9.30E+01	1.67E+02	-3.42E-02	-2.47E+00
8.11E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.46E+00
8.11E+01	-9.30E+01	1.66E+02	-5.13E-02	-2.47E+00
8.12E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.46E+00
8.12E+01	-9.30E+01	1.67E+02	-3.42E-02	-2.47E+00
8.12E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.47E+00
8.12E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.46E+00
8.12E+01	-9.30E+01	1.67E+02	-3.05E-02	-2.48E+00
8.13E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.47E+00
8.13E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.47E+00
8.13E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.47E+00
8.13E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.48E+00
8.13E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.46E+00
8.14E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.45E+00
8.14E+01	-9.30E+01	1.66E+02	2.69E-02	-2.45E+00
8.14E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.45E+00
8.14E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.44E+00
8.14E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.44E+00

8.15E+01	-9.30E+01	1.66E+02	-2.81E-02	-2.45E+00
8.15E+01	-9.30E+01	1.66E+02	-4.39E-02	-2.45E+00
8.15E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.43E+00
8.15E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.45E+00
8.15E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.46E+00
8.16E+01	-9.30E+01	1.66E+02	4.88E-03	-2.43E+00
8.16E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.43E+00
8.16E+01	-9.30E+01	1.66E+02	9.77E-03	-2.43E+00
8.16E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.43E+00
8.16E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.42E+00
8.17E+01	-9.30E+01	1.66E+02	-8.54E-03	-2.42E+00
8.17E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.42E+00
8.17E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.42E+00
8.17E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.42E+00
8.17E+01	-9.30E+01	1.66E+02	-2.81E-02	-2.43E+00
8.18E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.42E+00
8.18E+01	-9.30E+01	1.65E+02	-4.88E-03	-2.41E+00
8.18E+01	-9.30E+01	1.65E+02	-3.78E-02	-2.42E+00
8.18E+01	-9.30E+01	1.66E+02	0.00E+00	-2.42E+00
8.18E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.43E+00
8.19E+01	-9.30E+01	1.65E+02	-1.83E-02	-2.42E+00
8.19E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.41E+00
8.19E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.41E+00
8.19E+01	-9.30E+01	1.66E+02	-1.22E-03	-2.41E+00
8.19E+01	-9.30E+01	1.65E+02	2.44E-03	-2.41E+00
8.20E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.40E+00
8.20E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.40E+00
8.20E+01	-9.30E+01	1.66E+02	3.66E-03	-2.40E+00
8.20E+01	-9.30E+01	1.66E+02	2.20E-02	-2.38E+00
8.20E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.39E+00
8.21E+01	-9.30E+01	1.66E+02	3.66E-03	-2.38E+00
8.21E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.39E+00
8.21E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.39E+00
8.21E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.38E+00
8.21E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.38E+00
8.22E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.37E+00
8.22E+01	-9.30E+01	1.66E+02	-2.08E-02	-2.38E+00
8.22E+01	-9.30E+01	1.66E+02	-4.64E-02	-2.39E+00
8.22E+01	-9.30E+01	1.65E+02	-3.66E-02	-2.38E+00
8.22E+01	-9.30E+01	1.65E+02	-2.32E-02	-2.38E+00
8.23E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.39E+00
8.23E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.39E+00
8.23E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.38E+00
8.23E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.38E+00
8.23E+01	-9.30E+01	1.65E+02	1.22E-03	-2.38E+00
8.24E+01	-9.30E+01	1.65E+02	-1.59E-02	-2.38E+00
8.24E+01	-9.30E+01	1.65E+02	-2.44E-03	-2.37E+00

8.24E+01	-9.30E+01	1.65E+02	-1.10E-02	-2.36E+00
8.24E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.36E+00
8.24E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.35E+00
8.25E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.35E+00
8.25E+01	-9.30E+01	1.65E+02	3.17E-02	-2.35E+00
8.25E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.35E+00
8.25E+01	-9.30E+01	1.65E+02	-3.17E-02	-2.36E+00
8.25E+01	-9.30E+01	1.65E+02	-3.42E-02	-2.35E+00
8.26E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.35E+00
8.26E+01	-9.30E+01	1.65E+02	-4.39E-02	-2.37E+00
8.26E+01	-9.30E+01	1.65E+02	-3.17E-02	-2.36E+00
8.26E+01	-9.30E+01	1.65E+02	-2.32E-02	-2.35E+00
8.26E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.35E+00
8.27E+01	-9.30E+01	1.65E+02	-3.66E-02	-2.36E+00
8.27E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.36E+00
8.27E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.35E+00
8.27E+01	-9.30E+01	1.65E+02	-4.27E-02	-2.35E+00
8.27E+01	-9.30E+01	1.65E+02	-4.88E-03	-2.35E+00
8.28E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.35E+00
8.28E+01	-9.30E+01	1.65E+02	0.00E+00	-2.34E+00
8.28E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.34E+00
8.28E+01	-9.30E+01	1.65E+02	1.34E-02	-2.33E+00
8.28E+01	-9.30E+01	1.65E+02	4.88E-03	-2.32E+00
8.29E+01	-9.30E+01	1.65E+02	7.32E-03	-2.31E+00
8.29E+01	-9.30E+01	1.65E+02	-2.44E-03	-2.32E+00
8.29E+01	-9.30E+01	1.64E+02	7.32E-03	-2.32E+00
8.29E+01	-9.30E+01	1.65E+02	0.00E+00	-2.32E+00
8.29E+01	-9.30E+01	1.65E+02	-8.54E-03	-2.32E+00
8.30E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.31E+00
8.30E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.31E+00
8.30E+01	-9.30E+01	1.65E+02	-2.32E-02	-2.30E+00
8.30E+01	-9.30E+01	1.65E+02	-2.81E-02	-2.31E+00
8.30E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.30E+00
8.31E+01	-9.30E+01	1.65E+02	-3.66E-02	-2.31E+00
8.31E+01	-9.30E+01	1.65E+02	-3.05E-02	-2.32E+00
8.31E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.32E+00
8.31E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.31E+00
8.31E+01	-9.30E+01	1.65E+02	-2.81E-02	-2.30E+00
8.32E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.31E+00
8.32E+01	-9.30E+01	1.65E+02	-1.59E-02	-2.32E+00
8.32E+01	-9.30E+01	1.65E+02	-2.44E-03	-2.31E+00
8.32E+01	-9.30E+01	1.64E+02	-1.34E-02	-2.30E+00
8.32E+01	-9.30E+01	1.65E+02	1.22E-03	-2.31E+00
8.33E+01	-9.30E+01	1.65E+02	0.00E+00	-2.29E+00
8.33E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.28E+00
8.33E+01	-9.30E+01	1.65E+02	-8.54E-03	-2.28E+00
8.33E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.29E+00

8.33E+01	-9.30E+01	1.65E+02	-2.81E-02	-2.29E+00
8.34E+01	-9.30E+01	1.65E+02	-3.66E-02	-2.29E+00
8.34E+01	-9.30E+01	1.65E+02	-2.81E-02	-2.28E+00
8.34E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.29E+00
8.34E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.29E+00
8.34E+01	-9.30E+01	1.65E+02	-4.52E-02	-2.28E+00
8.35E+01	-9.30E+01	1.65E+02	-4.88E-02	-2.28E+00
8.35E+01	-9.30E+01	1.65E+02	-2.44E-03	-2.28E+00
8.35E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.28E+00
8.35E+01	-9.30E+01	1.65E+02	-2.93E-02	-2.28E+00
8.35E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.28E+00
8.36E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.27E+00
8.36E+01	-9.30E+01	1.65E+02	-6.10E-03	-2.27E+00
8.36E+01	-9.30E+01	1.65E+02	-6.10E-03	-2.27E+00
8.36E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.26E+00
8.36E+01	-9.30E+01	1.65E+02	4.88E-03	-2.26E+00
8.37E+01	-9.30E+01	1.65E+02	-2.32E-02	-2.26E+00
8.37E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.25E+00
8.37E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.25E+00
8.37E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.25E+00
8.37E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.25E+00
8.38E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.24E+00
8.38E+01	-9.30E+01	1.66E+02	-3.91E-02	-2.25E+00
8.38E+01	-9.30E+01	1.65E+02	-2.32E-02	-2.26E+00
8.38E+01	-9.30E+01	1.65E+02	-3.66E-02	-2.26E+00
8.38E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.25E+00
8.39E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.25E+00
8.39E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.25E+00
8.39E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.25E+00
8.39E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.24E+00
8.39E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.23E+00
8.40E+01	-9.30E+01	1.65E+02	1.71E-02	-2.23E+00
8.40E+01	-9.30E+01	1.66E+02	4.88E-03	-2.25E+00
8.40E+01	-9.30E+01	1.66E+02	4.88E-03	-2.23E+00
8.40E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.22E+00
8.40E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.23E+00
8.41E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.22E+00
8.41E+01	-9.30E+01	1.66E+02	-2.44E-03	-2.22E+00
8.41E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.22E+00
8.41E+01	-9.30E+01	1.65E+02	-2.69E-02	-2.23E+00
8.41E+01	-9.30E+01	1.65E+02	-3.91E-02	-2.23E+00
8.42E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.22E+00
8.42E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.22E+00
8.42E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.22E+00
8.42E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.21E+00
8.42E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.22E+00
8.43E+01	-9.30E+01	1.66E+02	9.77E-03	-2.21E+00

8.43E+01	-9.30E+01	1.66E+02	9.77E-03	-2.21E+00
8.43E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.21E+00
8.43E+01	-9.30E+01	1.65E+02	1.10E-02	-2.20E+00
8.43E+01	-9.30E+01	1.66E+02	-8.54E-03	-2.19E+00
8.44E+01	-9.30E+01	1.66E+02	0.00E+00	-2.20E+00
8.44E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.20E+00
8.44E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.19E+00
8.44E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.19E+00
8.44E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.19E+00
8.45E+01	-9.30E+01	1.66E+02	-4.39E-02	-2.20E+00
8.45E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.20E+00
8.45E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.19E+00
8.45E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.20E+00
8.45E+01	-9.30E+01	1.66E+02	-5.00E-02	-2.20E+00
8.46E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.19E+00
8.46E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.19E+00
8.46E+01	-9.30E+01	1.66E+02	0.00E+00	-2.19E+00
8.46E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.19E+00
8.46E+01	-9.30E+01	1.67E+02	4.88E-03	-2.19E+00
8.47E+01	-9.30E+01	1.66E+02	2.44E-03	-2.18E+00
8.47E+01	-9.30E+01	1.66E+02	7.32E-03	-2.19E+00
8.47E+01	-9.30E+01	1.66E+02	2.44E-03	-2.17E+00
8.47E+01	-9.30E+01	1.66E+02	1.10E-02	-2.17E+00
8.47E+01	-9.30E+01	1.66E+02	4.88E-03	-2.16E+00
8.48E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.17E+00
8.48E+01	-9.30E+01	1.67E+02	-4.15E-02	-2.16E+00
8.48E+01	-9.30E+01	1.67E+02	-3.30E-02	-2.17E+00
8.48E+01	-9.30E+01	1.67E+02	-2.08E-02	-2.16E+00
8.48E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.16E+00
8.49E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.17E+00
8.49E+01	-9.30E+01	1.67E+02	-4.76E-02	-2.16E+00
8.49E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.17E+00
8.49E+01	-9.30E+01	1.66E+02	4.88E-03	-2.16E+00
8.49E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.16E+00
8.50E+01	-9.30E+01	1.66E+02	0.00E+00	-2.15E+00
8.50E+01	-9.30E+01	1.66E+02	-1.59E-02	-2.16E+00
8.50E+01	-9.30E+01	1.66E+02	7.32E-03	-2.15E+00
8.50E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.15E+00
8.50E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.14E+00
8.51E+01	-9.30E+01	1.67E+02	3.66E-03	-2.14E+00
8.51E+01	-9.30E+01	1.66E+02	-8.54E-03	-2.14E+00
8.51E+01	-9.30E+01	1.66E+02	-3.17E-02	-2.13E+00
8.51E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.14E+00
8.51E+01	-9.30E+01	1.67E+02	-4.88E-02	-2.15E+00
8.52E+01	-9.30E+01	1.66E+02	-3.05E-02	-2.14E+00
8.52E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.14E+00
8.52E+01	-9.30E+01	1.66E+02	-5.25E-02	-2.14E+00

8.52E+01	-9.30E+01	1.66E+02	-2.20E-02	-2.14E+00
8.52E+01	-9.30E+01	1.66E+02	-2.32E-02	-2.14E+00
8.53E+01	-9.30E+01	1.66E+02	-9.77E-03	-2.13E+00
8.53E+01	-9.30E+01	1.65E+02	-1.22E-02	-2.12E+00
8.53E+01	-9.30E+01	1.65E+02	1.95E-02	-2.12E+00
8.53E+01	-9.30E+01	1.66E+02	-8.54E-03	-2.13E+00
8.53E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.11E+00
8.54E+01	-9.30E+01	1.66E+02	-1.22E-02	-2.11E+00
8.54E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.12E+00
8.54E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.11E+00
8.54E+01	-9.30E+01	1.66E+02	-4.15E-02	-2.11E+00
8.54E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.11E+00
8.55E+01	-9.30E+01	1.66E+02	-2.56E-02	-2.12E+00
8.55E+01	-9.30E+01	1.66E+02	-2.44E-02	-2.11E+00
8.55E+01	-9.30E+01	1.66E+02	-2.93E-02	-2.11E+00
8.55E+01	-9.30E+01	1.66E+02	1.46E-02	-2.12E+00
8.55E+01	-9.30E+01	1.66E+02	-4.88E-03	-2.11E+00
8.56E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.10E+00
8.56E+01	-9.30E+01	1.66E+02	0.00E+00	-2.10E+00
8.56E+01	-9.30E+01	1.66E+02	4.88E-03	-2.10E+00
8.56E+01	-9.30E+01	1.65E+02	7.32E-03	-2.09E+00
8.56E+01	-9.30E+01	1.66E+02	-2.69E-02	-2.09E+00
8.57E+01	-9.30E+01	1.66E+02	-1.95E-02	-2.09E+00
8.57E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.09E+00
8.57E+01	-9.30E+01	1.66E+02	-3.66E-02	-2.10E+00
8.57E+01	-9.30E+01	1.66E+02	-4.39E-02	-2.10E+00
8.57E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.10E+00
8.58E+01	-9.30E+01	1.65E+02	-1.71E-02	-2.09E+00
8.58E+01	-9.30E+01	1.66E+02	-7.32E-03	-2.08E+00
8.58E+01	-9.30E+01	1.66E+02	-1.71E-02	-2.08E+00
8.58E+01	-9.30E+01	1.66E+02	2.44E-03	-2.07E+00
8.58E+01	-9.30E+01	1.66E+02	-1.46E-02	-2.08E+00
8.59E+01	-9.30E+01	1.66E+02	-3.42E-02	-2.08E+00
8.59E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.08E+00
8.59E+01	-9.30E+01	1.65E+02	-3.42E-02	-2.07E+00
8.59E+01	-9.30E+01	1.65E+02	-3.42E-02	-2.08E+00
8.59E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.07E+00
8.60E+01	-9.30E+01	1.65E+02	-1.83E-02	-2.08E+00
8.60E+01	-9.30E+01	1.65E+02	-2.08E-02	-2.08E+00
8.60E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.07E+00
8.60E+01	-9.30E+01	1.65E+02	-1.95E-02	-2.07E+00
8.60E+01	-9.30E+01	1.65E+02	-2.44E-03	-2.07E+00
8.61E+01	-9.30E+01	1.65E+02	7.32E-03	-2.07E+00
8.61E+01	-9.30E+01	1.65E+02	-7.32E-03	-2.05E+00
8.61E+01	-9.30E+01	1.65E+02	-9.77E-03	-2.05E+00
8.61E+01	-9.30E+01	1.65E+02	-8.54E-03	-2.05E+00
8.61E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.04E+00

8.62E+01	-9.30E+01	1.65E+02	-3.17E-02	-2.05E+00
8.62E+01	-9.30E+01	1.65E+02	-1.46E-02	-2.05E+00
8.62E+01	-9.30E+01	1.65E+02	-2.20E-02	-2.05E+00
8.62E+01	-9.30E+01	1.65E+02	-3.54E-02	-2.05E+00
8.62E+01	-9.30E+01	1.65E+02	-4.88E-02	-2.06E+00
8.63E+01	-9.30E+01	1.65E+02	-2.44E-02	-2.05E+00
8.63E+01	-9.30E+01	1.65E+02	-3.42E-02	-2.06E+00
8.63E+01	-9.30E+01	1.64E+02	-2.69E-02	-2.05E+00
8.63E+01	-9.30E+01	1.65E+02	-4.76E-02	-2.06E+00
8.63E+01	-9.30E+01	1.65E+02	-1.22E-03	-2.04E+00
8.64E+01	-9.30E+01	1.64E+02	3.66E-03	-2.04E+00
8.64E+01	-9.30E+01	1.64E+02	-2.69E-02	-2.03E+00
8.64E+01	-9.30E+01	1.65E+02	-2.44E-03	-2.02E+00
8.64E+01	-9.30E+01	1.65E+02	-4.88E-03	-2.03E+00
8.64E+01	-9.30E+01	1.64E+02	-1.71E-02	-2.02E+00
8.65E+01	-9.30E+01	1.64E+02	-3.54E-02	-2.01E+00
8.65E+01	-9.30E+01	1.64E+02	-3.91E-02	-2.03E+00
8.65E+01	-9.30E+01	1.64E+02	-3.05E-02	-2.04E+00
8.65E+01	-9.30E+01	1.64E+02	-4.39E-02	-2.04E+00
8.65E+01	-9.30E+01	1.64E+02	-1.46E-02	-2.03E+00
8.66E+01	-9.30E+01	1.64E+02	3.05E-02	-2.02E+00
8.66E+01	-9.30E+01	1.64E+02	-2.44E-03	-2.03E+00
8.66E+01	-9.30E+01	1.64E+02	-9.77E-03	-2.01E+00
8.66E+01	-9.30E+01	1.64E+02	-3.66E-03	-2.00E+00
8.66E+01	-9.30E+01	1.64E+02	3.66E-03	-2.01E+00
8.67E+01	-9.30E+01	1.64E+02	-9.77E-03	-2.00E+00
8.67E+01	-9.30E+01	1.64E+02	-1.34E-02	-2.00E+00
8.67E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.99E+00
8.67E+01	-9.30E+01	1.64E+02	-3.17E-02	-2.01E+00
8.67E+01	-9.30E+01	1.64E+02	-4.39E-02	-2.00E+00
8.68E+01	-9.30E+01	1.64E+02	-3.91E-02	-2.00E+00
8.68E+01	-9.30E+01	1.64E+02	-3.17E-02	-2.00E+00
8.68E+01	-9.30E+01	1.64E+02	-4.64E-02	-2.01E+00
8.68E+01	-9.30E+01	1.64E+02	-2.20E-02	-2.01E+00
8.68E+01	-9.30E+01	1.64E+02	-2.32E-02	-2.01E+00
8.69E+01	-9.30E+01	1.64E+02	-3.66E-03	-2.00E+00
8.69E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.99E+00
8.69E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.99E+00
8.69E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.99E+00
8.69E+01	-9.30E+01	1.64E+02	5.13E-02	-1.98E+00
8.70E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.99E+00
8.70E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.98E+00
8.70E+01	-9.30E+01	1.65E+02	-1.10E-02	-1.97E+00
8.70E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.98E+00
8.70E+01	-9.30E+01	1.64E+02	-1.71E-02	-2.00E+00
8.71E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.97E+00
8.71E+01	-9.30E+01	1.64E+02	-5.25E-02	-1.98E+00

8.71E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.97E+00
8.71E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.98E+00
8.71E+01	-9.30E+01	1.64E+02	-3.05E-02	-1.98E+00
8.72E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.97E+00
8.72E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.98E+00
8.72E+01	-9.30E+01	1.64E+02	-1.22E-03	-1.97E+00
8.72E+01	-9.30E+01	1.64E+02	-1.34E-02	-1.99E+00
8.72E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.96E+00
8.73E+01	-9.30E+01	1.64E+02	0.00E+00	-1.96E+00
8.73E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.97E+00
8.73E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.95E+00
8.73E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.95E+00
8.73E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.95E+00
8.74E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.95E+00
8.74E+01	-9.30E+01	1.64E+02	-5.13E-02	-1.95E+00
8.74E+01	-9.30E+01	1.64E+02	-3.78E-02	-1.95E+00
8.74E+01	-9.30E+01	1.64E+02	-4.27E-02	-1.96E+00
8.74E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.95E+00
8.75E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.95E+00
8.75E+01	-9.30E+01	1.64E+02	-1.83E-02	-1.94E+00
8.75E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.95E+00
8.75E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.95E+00
8.75E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.94E+00
8.76E+01	-9.30E+01	1.64E+02	-2.08E-02	-1.94E+00
8.76E+01	-9.30E+01	1.64E+02	-3.66E-03	-1.94E+00
8.76E+01	-9.30E+01	1.64E+02	3.66E-03	-1.94E+00
8.76E+01	-9.30E+01	1.63E+02	-4.88E-02	-1.94E+00
8.76E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.93E+00
8.77E+01	-9.30E+01	1.64E+02	8.54E-03	-1.93E+00
8.77E+01	-9.30E+01	1.64E+02	4.88E-03	-1.93E+00
8.77E+01	-9.30E+01	1.64E+02	2.44E-03	-1.93E+00
8.77E+01	-9.30E+01	1.64E+02	0.00E+00	-1.92E+00
8.77E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.91E+00
8.78E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.93E+00
8.78E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.91E+00
8.78E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.89E+00
8.78E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.91E+00
8.78E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.91E+00
8.79E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.91E+00
8.79E+01	-9.30E+01	1.64E+02	-3.30E-02	-1.91E+00
8.79E+01	-9.30E+01	1.64E+02	-3.30E-02	-1.91E+00
8.79E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.91E+00
8.79E+01	-9.30E+01	1.63E+02	-2.81E-02	-1.91E+00
8.80E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.91E+00
8.80E+01	-9.30E+01	1.64E+02	-1.10E-02	-1.92E+00
8.80E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.91E+00
8.80E+01	-9.30E+01	1.63E+02	-3.66E-03	-1.90E+00

8.80E+01	-9.30E+01	1.64E+02	7.32E-03	-1.89E+00
8.81E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.88E+00
8.81E+01	-9.30E+01	1.64E+02	2.44E-03	-1.89E+00
8.81E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.90E+00
8.81E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.88E+00
8.81E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.89E+00
8.82E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.88E+00
8.82E+01	-9.30E+01	1.64E+02	-5.00E-02	-1.89E+00
8.82E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.88E+00
8.82E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.88E+00
8.82E+01	-9.30E+01	1.64E+02	-4.64E-02	-1.89E+00
8.83E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.89E+00
8.83E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.89E+00
8.83E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.88E+00
8.83E+01	-9.30E+01	1.64E+02	4.88E-03	-1.86E+00
8.83E+01	-9.30E+01	1.64E+02	-1.22E-03	-1.87E+00
8.84E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.86E+00
8.84E+01	-9.30E+01	1.64E+02	-3.05E-02	-1.87E+00
8.84E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.86E+00
8.84E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.86E+00
8.84E+01	-9.30E+01	1.64E+02	-2.81E-02	-1.85E+00
8.85E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.85E+00
8.85E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.86E+00
8.85E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.85E+00
8.85E+01	-9.30E+01	1.64E+02	-3.30E-02	-1.86E+00
8.85E+01	-9.30E+01	1.64E+02	-3.30E-02	-1.85E+00
8.86E+01	-9.30E+01	1.64E+02	-3.91E-02	-1.85E+00
8.86E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.86E+00
8.86E+01	-9.30E+01	1.64E+02	-4.03E-02	-1.86E+00
8.86E+01	-9.30E+01	1.64E+02	-3.54E-02	-1.85E+00
8.86E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.85E+00
8.87E+01	-9.30E+01	1.64E+02	-4.64E-02	-1.85E+00
8.87E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.85E+00
8.87E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.84E+00
8.87E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.84E+00
8.87E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.84E+00
8.88E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.85E+00
8.88E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.85E+00
8.88E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.83E+00
8.88E+01	-9.30E+01	1.63E+02	3.66E-03	-1.84E+00
8.88E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.84E+00
8.89E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.82E+00
8.89E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.82E+00
8.89E+01	-9.30E+01	1.64E+02	9.77E-03	-1.82E+00
8.89E+01	-9.30E+01	1.64E+02	3.66E-03	-1.82E+00
8.89E+01	-9.30E+01	1.64E+02	-1.22E-03	-1.82E+00
8.90E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.81E+00

8.90E+01	-9.30E+01	1.64E+02	1.71E-02	-1.80E+00
8.90E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.82E+00
8.90E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.81E+00
8.90E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.81E+00
8.91E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.80E+00
8.91E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.81E+00
8.91E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.81E+00
8.91E+01	-9.30E+01	1.64E+02	-3.54E-02	-1.81E+00
8.91E+01	-9.30E+01	1.64E+02	-2.32E-02	-1.81E+00
8.92E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.81E+00
8.92E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.80E+00
8.92E+01	-9.30E+01	1.64E+02	-2.81E-02	-1.80E+00
8.92E+01	-9.30E+01	1.64E+02	-8.54E-03	-1.80E+00
8.92E+01	-9.30E+01	1.64E+02	1.22E-03	-1.80E+00
8.93E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.80E+00
8.93E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.80E+00
8.93E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.80E+00
8.93E+01	-9.30E+01	1.64E+02	1.22E-03	-1.80E+00
8.93E+01	-9.30E+01	1.64E+02	7.32E-03	-1.79E+00
8.94E+01	-9.30E+01	1.64E+02	1.71E-02	-1.80E+00
8.94E+01	-9.30E+01	1.64E+02	-8.54E-03	-1.77E+00
8.94E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.77E+00
8.94E+01	-9.30E+01	1.65E+02	-2.93E-02	-1.78E+00
8.94E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.77E+00
8.95E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.77E+00
8.95E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.76E+00
8.95E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.77E+00
8.95E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.77E+00
8.95E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.78E+00
8.96E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.77E+00
8.96E+01	-9.30E+01	1.64E+02	-2.08E-02	-1.78E+00
8.96E+01	-9.30E+01	1.64E+02	-2.81E-02	-1.77E+00
8.96E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.77E+00
8.96E+01	-9.30E+01	1.64E+02	3.66E-03	-1.77E+00
8.97E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.77E+00
8.97E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.76E+00
8.97E+01	-9.30E+01	1.64E+02	-3.66E-03	-1.75E+00
8.97E+01	-9.30E+01	1.64E+02	4.88E-03	-1.75E+00
8.97E+01	-9.30E+01	1.64E+02	-2.32E-02	-1.74E+00
8.98E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.74E+00
8.98E+01	-9.30E+01	1.64E+02	-3.66E-03	-1.75E+00
8.98E+01	-9.30E+01	1.64E+02	-3.30E-02	-1.75E+00
8.98E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.75E+00
8.98E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.74E+00
8.99E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.75E+00
8.99E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.75E+00
8.99E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.75E+00

8.99E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.75E+00
8.99E+01	-9.30E+01	1.63E+02	1.22E-03	-1.74E+00
9.00E+01	-9.30E+01	1.64E+02	2.44E-03	-1.74E+00
9.00E+01	-9.30E+01	1.64E+02	1.10E-02	-1.73E+00
9.00E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.72E+00
9.00E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.72E+00
9.00E+01	-9.30E+01	1.64E+02	-2.81E-02	-1.72E+00
9.01E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.72E+00
9.01E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.73E+00
9.01E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.73E+00
9.01E+01	-9.30E+01	1.63E+02	-3.17E-02	-1.73E+00
9.01E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.72E+00
9.02E+01	-9.30E+01	1.64E+02	6.10E-03	-1.72E+00
9.02E+01	-9.30E+01	1.64E+02	0.00E+00	-1.72E+00
9.02E+01	-9.30E+01	1.63E+02	-4.88E-03	-1.71E+00
9.02E+01	-9.30E+01	1.64E+02	1.22E-02	-1.70E+00
9.02E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.71E+00
9.03E+01	-9.30E+01	1.64E+02	-3.66E-03	-1.71E+00
9.03E+01	-9.30E+01	1.64E+02	-1.83E-02	-1.70E+00
9.03E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.69E+00
9.03E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.70E+00
9.03E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.70E+00
9.04E+01	-9.30E+01	1.63E+02	-5.86E-02	-1.70E+00
9.04E+01	-9.30E+01	1.63E+02	-3.66E-02	-1.70E+00
9.04E+01	-9.30E+01	1.64E+02	2.44E-03	-1.70E+00
9.04E+01	-9.30E+01	1.63E+02	-2.69E-02	-1.70E+00
9.04E+01	-9.30E+01	1.63E+02	-2.81E-02	-1.70E+00
9.05E+01	-9.30E+01	1.63E+02	-1.59E-02	-1.70E+00
9.05E+01	-9.30E+01	1.63E+02	4.88E-03	-1.70E+00
9.05E+01	-9.30E+01	1.63E+02	0.00E+00	-1.68E+00
9.05E+01	-9.30E+01	1.63E+02	0.00E+00	-1.68E+00
9.05E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.68E+00
9.06E+01	-9.30E+01	1.63E+02	-4.88E-03	-1.68E+00
9.06E+01	-9.30E+01	1.63E+02	-3.54E-02	-1.67E+00
9.06E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.67E+00
9.06E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.67E+00
9.06E+01	-9.30E+01	1.63E+02	-1.59E-02	-1.67E+00
9.07E+01	-9.30E+01	1.63E+02	-4.64E-02	-1.68E+00
9.07E+01	-9.30E+01	1.63E+02	-3.05E-02	-1.68E+00
9.07E+01	-9.30E+01	1.63E+02	-1.83E-02	-1.67E+00
9.07E+01	-9.30E+01	1.63E+02	-2.69E-02	-1.67E+00
9.07E+01	-9.30E+01	1.63E+02	-2.81E-02	-1.67E+00
9.08E+01	-9.30E+01	1.63E+02	-3.66E-02	-1.67E+00
9.08E+01	-9.30E+01	1.63E+02	-3.91E-02	-1.67E+00
9.08E+01	-9.30E+01	1.63E+02	-3.05E-02	-1.66E+00
9.08E+01	-9.30E+01	1.63E+02	-8.54E-03	-1.67E+00
9.08E+01	-9.30E+01	1.63E+02	-3.30E-02	-1.66E+00

9.09E+01	-9.30E+01	1.63E+02	-2.56E-02	-1.67E+00
9.09E+01	-9.30E+01	1.62E+02	1.22E-03	-1.66E+00
9.09E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.66E+00
9.09E+01	-9.30E+01	1.63E+02	0.00E+00	-1.67E+00
9.09E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.65E+00
9.10E+01	-9.30E+01	1.62E+02	2.69E-02	-1.65E+00
9.10E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.65E+00
9.10E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.64E+00
9.10E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.64E+00
9.10E+01	-9.30E+01	1.63E+02	-2.69E-02	-1.64E+00
9.11E+01	-9.30E+01	1.63E+02	-2.20E-02	-1.64E+00
9.11E+01	-9.30E+01	1.63E+02	-4.15E-02	-1.64E+00
9.11E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.65E+00
9.11E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.63E+00
9.11E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.65E+00
9.12E+01	-9.30E+01	1.62E+02	-3.05E-02	-1.64E+00
9.12E+01	-9.30E+01	1.62E+02	-1.59E-02	-1.64E+00
9.12E+01	-9.30E+01	1.62E+02	4.88E-03	-1.64E+00
9.12E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.63E+00
9.12E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.62E+00
9.13E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.61E+00
9.13E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.62E+00
9.13E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.61E+00
9.13E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.62E+00
9.13E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.62E+00
9.14E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.62E+00
9.14E+01	-9.30E+01	1.63E+02	-3.66E-02	-1.62E+00
9.14E+01	-9.30E+01	1.63E+02	-3.05E-02	-1.62E+00
9.14E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.62E+00
9.14E+01	-9.30E+01	1.62E+02	-1.59E-02	-1.60E+00
9.15E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.61E+00
9.15E+01	-9.30E+01	1.63E+02	3.66E-03	-1.61E+00
9.15E+01	-9.30E+01	1.62E+02	3.91E-02	-1.60E+00
9.15E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.60E+00
9.15E+01	-9.30E+01	1.63E+02	-1.59E-02	-1.59E+00
9.16E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.59E+00
9.16E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.60E+00
9.16E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.60E+00
9.16E+01	-9.30E+01	1.62E+02	-4.15E-02	-1.59E+00
9.16E+01	-9.30E+01	1.62E+02	-4.15E-02	-1.60E+00
9.17E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.60E+00
9.17E+01	-9.30E+01	1.62E+02	-3.42E-02	-1.59E+00
9.17E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.60E+00
9.17E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.60E+00
9.17E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.59E+00
9.18E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.60E+00
9.18E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.60E+00

9.18E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.59E+00
9.18E+01	-9.30E+01	1.62E+02	6.10E-03	-1.59E+00
9.18E+01	-9.30E+01	1.62E+02	1.71E-02	-1.57E+00
9.19E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.57E+00
9.19E+01	-9.30E+01	1.62E+02	-8.54E-03	-1.57E+00
9.19E+01	-9.30E+01	1.62E+02	0.00E+00	-1.57E+00
9.19E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.57E+00
9.19E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.55E+00
9.20E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.56E+00
9.20E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.56E+00
9.20E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.57E+00
9.20E+01	-9.30E+01	1.62E+02	-5.13E-02	-1.53E+00
9.20E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.56E+00
9.21E+01	-9.30E+01	1.62E+02	-4.88E-02	-1.57E+00
9.21E+01	-9.30E+01	1.62E+02	-4.64E-02	-1.57E+00
9.21E+01	-9.30E+01	1.62E+02	-2.32E-02	-1.56E+00
9.21E+01	-9.30E+01	1.62E+02	4.88E-03	-1.56E+00
9.21E+01	-9.30E+01	1.62E+02	-8.54E-03	-1.55E+00
9.22E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.53E+00
9.22E+01	-9.30E+01	1.62E+02	-1.10E-02	-1.54E+00
9.22E+01	-9.30E+01	1.62E+02	3.66E-03	-1.54E+00
9.22E+01	-9.30E+01	1.62E+02	2.44E-03	-1.54E+00
9.22E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.54E+00
9.23E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.53E+00
9.23E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.54E+00
9.23E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.53E+00
9.23E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.54E+00
9.23E+01	-9.30E+01	1.62E+02	-3.42E-02	-1.53E+00
9.24E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.53E+00
9.24E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.54E+00
9.24E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.53E+00
9.24E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.53E+00
9.24E+01	-9.30E+01	1.63E+02	-2.93E-02	-1.53E+00
9.25E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.53E+00
9.25E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.54E+00
9.25E+01	-9.30E+01	1.61E+02	-2.08E-02	-1.52E+00
9.25E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.52E+00
9.25E+01	-9.30E+01	1.62E+02	7.32E-03	-1.52E+00
9.26E+01	-9.30E+01	1.62E+02	9.77E-03	-1.51E+00
9.26E+01	-9.30E+01	1.62E+02	-6.10E-03	-1.50E+00
9.26E+01	-9.30E+01	1.62E+02	9.77E-03	-1.51E+00
9.26E+01	-9.30E+01	1.62E+02	-3.66E-03	-1.50E+00
9.26E+01	-9.30E+01	1.62E+02	-6.10E-03	-1.51E+00
9.27E+01	-9.30E+01	1.62E+02	-1.59E-02	-1.50E+00
9.27E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.50E+00
9.27E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.49E+00
9.27E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.50E+00

9.27E+01	-9.30E+01	1.62E+02	-4.88E-02	-1.49E+00
9.28E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.48E+00
9.28E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.49E+00
9.28E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.50E+00
9.28E+01	-9.30E+01	1.62E+02	-4.88E-02	-1.50E+00
9.28E+01	-9.30E+01	1.62E+02	-3.54E-02	-1.50E+00
9.29E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.49E+00
9.29E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.50E+00
9.29E+01	-9.30E+01	1.62E+02	-5.25E-02	-1.50E+00
9.29E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.49E+00
9.29E+01	-9.30E+01	1.62E+02	2.44E-03	-1.49E+00
9.30E+01	-9.30E+01	1.62E+02	2.44E-03	-1.48E+00
9.30E+01	-9.30E+01	1.62E+02	0.00E+00	-1.48E+00
9.30E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.47E+00
9.30E+01	-9.30E+01	1.62E+02	0.00E+00	-1.48E+00
9.30E+01	-9.30E+01	1.62E+02	2.44E-02	-1.47E+00
9.31E+01	-9.30E+01	1.63E+02	-4.88E-03	-1.47E+00
9.31E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.46E+00
9.31E+01	-9.30E+01	1.62E+02	-3.66E-02	-1.47E+00
9.31E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.47E+00
9.31E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.46E+00
9.32E+01	-9.30E+01	1.63E+02	-4.64E-02	-1.47E+00
9.32E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.47E+00
9.32E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.47E+00
9.32E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.47E+00
9.32E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.47E+00
9.33E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.46E+00
9.33E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.46E+00
9.33E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.46E+00
9.33E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.45E+00
9.33E+01	-9.30E+01	1.62E+02	0.00E+00	-1.45E+00
9.34E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.45E+00
9.34E+01	-9.30E+01	1.63E+02	-4.88E-03	-1.44E+00
9.34E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.44E+00
9.34E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.44E+00
9.34E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.44E+00
9.35E+01	-9.30E+01	1.63E+02	-2.81E-02	-1.43E+00
9.35E+01	-9.30E+01	1.63E+02	-2.93E-02	-1.43E+00
9.35E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.45E+00
9.35E+01	-9.30E+01	1.63E+02	-3.66E-02	-1.44E+00
9.35E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.42E+00
9.36E+01	-9.30E+01	1.63E+02	-2.81E-02	-1.43E+00
9.36E+01	-9.30E+01	1.63E+02	-4.39E-02	-1.44E+00
9.36E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.45E+00
9.36E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.43E+00
9.36E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.43E+00
9.37E+01	-9.30E+01	1.63E+02	6.10E-03	-1.43E+00

9.37E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.41E+00
9.37E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.42E+00
9.37E+01	-9.30E+01	1.63E+02	7.32E-03	-1.41E+00
9.37E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.42E+00
9.38E+01	-9.30E+01	1.63E+02	-6.10E-03	-1.41E+00
9.38E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.41E+00
9.38E+01	-9.30E+01	1.64E+02	-2.32E-02	-1.40E+00
9.38E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.42E+00
9.38E+01	-9.30E+01	1.63E+02	-2.81E-02	-1.41E+00
9.39E+01	-9.30E+01	1.63E+02	-3.54E-02	-1.41E+00
9.39E+01	-9.30E+01	1.63E+02	-3.66E-02	-1.40E+00
9.39E+01	-9.30E+01	1.63E+02	-2.93E-02	-1.41E+00
9.39E+01	-9.30E+01	1.64E+02	-4.64E-02	-1.41E+00
9.39E+01	-9.30E+01	1.63E+02	-3.66E-02	-1.41E+00
9.40E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.40E+00
9.40E+01	-9.30E+01	1.63E+02	4.88E-03	-1.41E+00
9.40E+01	-9.30E+01	1.63E+02	-1.46E-02	-1.40E+00
9.40E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.40E+00
9.40E+01	-9.30E+01	1.64E+02	0.00E+00	-1.39E+00
9.41E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.39E+00
9.41E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.40E+00
9.41E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.38E+00
9.41E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.38E+00
9.41E+01	-9.30E+01	1.64E+02	4.88E-03	-1.38E+00
9.42E+01	-9.30E+01	1.63E+02	0.00E+00	-1.38E+00
9.42E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.37E+00
9.42E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.35E+00
9.42E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.37E+00
9.42E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.37E+00
9.43E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.37E+00
9.43E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.36E+00
9.43E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.36E+00
9.43E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.36E+00
9.43E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.37E+00
9.44E+01	-9.30E+01	1.64E+02	-3.30E-02	-1.37E+00
9.44E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.36E+00
9.44E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.37E+00
9.44E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.37E+00
9.44E+01	-9.30E+01	1.64E+02	-4.64E-02	-1.37E+00
9.45E+01	-9.30E+01	1.64E+02	-5.37E-02	-1.37E+00
9.45E+01	-9.30E+01	1.64E+02	-2.08E-02	-1.36E+00
9.45E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.37E+00
9.45E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.36E+00
9.45E+01	-9.30E+01	1.64E+02	-2.08E-02	-1.35E+00
9.46E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.35E+00
9.46E+01	-9.30E+01	1.64E+02	4.88E-03	-1.35E+00
9.46E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.35E+00

9.46E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.34E+00
9.46E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.34E+00
9.47E+01	-9.30E+01	1.64E+02	2.44E-03	-1.34E+00
9.47E+01	-9.30E+01	1.64E+02	2.44E-03	-1.34E+00
9.47E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.33E+00
9.47E+01	-9.30E+01	1.64E+02	-1.10E-02	-1.33E+00
9.47E+01	-9.30E+01	1.64E+02	3.17E-02	-1.32E+00
9.48E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.33E+00
9.48E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.32E+00
9.48E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.33E+00
9.48E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.32E+00
9.48E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.33E+00
9.49E+01	-9.30E+01	1.64E+02	-1.10E-02	-1.32E+00
9.49E+01	-9.30E+01	1.64E+02	-3.54E-02	-1.32E+00
9.49E+01	-9.30E+01	1.63E+02	-5.62E-02	-1.33E+00
9.49E+01	-9.30E+01	1.64E+02	-2.32E-02	-1.32E+00
9.49E+01	-9.30E+01	1.64E+02	-4.03E-02	-1.33E+00
9.50E+01	-9.30E+01	1.63E+02	-2.56E-02	-1.32E+00
9.50E+01	-9.30E+01	1.63E+02	-2.44E-03	-1.32E+00
9.50E+01	-9.30E+01	1.63E+02	1.46E-02	-1.31E+00
9.50E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.32E+00
9.50E+01	-9.30E+01	1.63E+02	-4.64E-02	-1.31E+00
9.51E+01	-9.30E+01	1.63E+02	-1.22E-02	-1.31E+00
9.51E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.31E+00
9.51E+01	-9.30E+01	1.63E+02	1.22E-02	-1.30E+00
9.51E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.30E+00
9.51E+01	-9.30E+01	1.64E+02	-3.66E-03	-1.29E+00
9.52E+01	-9.30E+01	1.63E+02	0.00E+00	-1.29E+00
9.52E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.29E+00
9.52E+01	-9.30E+01	1.63E+02	-7.32E-03	-1.28E+00
9.52E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.29E+00
9.52E+01	-9.30E+01	1.63E+02	-4.64E-02	-1.29E+00
9.53E+01	-9.30E+01	1.63E+02	-3.42E-02	-1.30E+00
9.53E+01	-9.30E+01	1.63E+02	-3.91E-02	-1.29E+00
9.53E+01	-9.30E+01	1.63E+02	-4.88E-03	-1.30E+00
9.53E+01	-9.30E+01	1.63E+02	-1.71E-02	-1.29E+00
9.53E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.29E+00
9.54E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.28E+00
9.54E+01	-9.30E+01	1.63E+02	1.22E-03	-1.28E+00
9.54E+01	-9.30E+01	1.63E+02	-2.56E-02	-1.28E+00
9.54E+01	-9.30E+01	1.63E+02	-2.69E-02	-1.27E+00
9.54E+01	-9.30E+01	1.63E+02	-1.95E-02	-1.27E+00
9.55E+01	-9.30E+01	1.63E+02	-4.15E-02	-1.28E+00
9.55E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.28E+00
9.55E+01	-9.30E+01	1.62E+02	-5.74E-02	-1.28E+00
9.55E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.28E+00
9.55E+01	-9.30E+01	1.62E+02	0.00E+00	-1.28E+00

9.56E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.28E+00
9.56E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.27E+00
9.56E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.27E+00
9.56E+01	-9.30E+01	1.62E+02	2.44E-03	-1.27E+00
9.56E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.27E+00
9.57E+01	-9.30E+01	1.62E+02	-1.10E-02	-1.25E+00
9.57E+01	-9.30E+01	1.62E+02	-2.08E-02	-1.25E+00
9.57E+01	-9.30E+01	1.62E+02	1.95E-02	-1.25E+00
9.57E+01	-9.30E+01	1.62E+02	3.66E-03	-1.25E+00
9.57E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.25E+00
9.58E+01	-9.30E+01	1.61E+02	-1.34E-02	-1.24E+00
9.58E+01	-9.30E+01	1.62E+02	-1.10E-02	-1.23E+00
9.58E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.25E+00
9.58E+01	-9.30E+01	1.61E+02	-3.78E-02	-1.24E+00
9.58E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.24E+00
9.59E+01	-9.30E+01	1.61E+02	-2.56E-02	-1.25E+00
9.59E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.25E+00
9.59E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.24E+00
9.59E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.24E+00
9.59E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.23E+00
9.60E+01	-9.30E+01	1.61E+02	0.00E+00	-1.23E+00
9.60E+01	-9.30E+01	1.61E+02	1.95E-02	-1.23E+00
9.60E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.22E+00
9.60E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.22E+00
9.60E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.22E+00
9.61E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.21E+00
9.61E+01	-9.30E+01	1.61E+02	-2.08E-02	-1.24E+00
9.61E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.22E+00
9.61E+01	-9.30E+01	1.61E+02	-3.78E-02	-1.22E+00
9.61E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.22E+00
9.62E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.22E+00
9.62E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.22E+00
9.62E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.21E+00
9.62E+01	-9.30E+01	1.61E+02	7.32E-03	-1.20E+00
9.62E+01	-9.30E+01	1.60E+02	-2.81E-02	-1.19E+00
9.63E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.20E+00
9.63E+01	-9.30E+01	1.60E+02	-5.13E-02	-1.21E+00
9.63E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.20E+00
9.63E+01	-9.30E+01	1.60E+02	-4.15E-02	-1.20E+00
9.63E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.21E+00
9.64E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.21E+00
9.64E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.20E+00
9.64E+01	-9.30E+01	1.60E+02	1.22E-03	-1.19E+00
9.64E+01	-9.30E+01	1.60E+02	0.00E+00	-1.20E+00
9.64E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.19E+00
9.65E+01	-9.30E+01	1.60E+02	-6.10E-03	-1.19E+00
9.65E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.18E+00

9.65E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.18E+00
9.65E+01	-9.30E+01	1.59E+02	-1.22E-03	-1.18E+00
9.65E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.18E+00
9.66E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.18E+00
9.66E+01	-9.30E+01	1.60E+02	-3.17E-02	-1.19E+00
9.66E+01	-9.30E+01	1.60E+02	-3.42E-02	-1.19E+00
9.66E+01	-9.30E+01	1.60E+02	-3.66E-02	-1.18E+00
9.66E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.18E+00
9.67E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.18E+00
9.67E+01	-9.30E+01	1.59E+02	-8.54E-03	-1.18E+00
9.67E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.16E+00
9.67E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.16E+00
9.67E+01	-9.30E+01	1.60E+02	2.08E-02	-1.16E+00
9.68E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.15E+00
9.68E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.15E+00
9.68E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.15E+00
9.68E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.15E+00
9.68E+01	-9.30E+01	1.59E+02	-4.88E-02	-1.17E+00
9.69E+01	-9.30E+01	1.59E+02	-3.05E-02	-1.16E+00
9.69E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.16E+00
9.69E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.16E+00
9.69E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.15E+00
9.69E+01	-9.30E+01	1.59E+02	-2.44E-03	-1.15E+00
9.70E+01	-9.30E+01	1.59E+02	-1.22E-03	-1.14E+00
9.70E+01	-9.30E+01	1.59E+02	-2.44E-03	-1.13E+00
9.70E+01	-9.30E+01	1.59E+02	-1.83E-02	-1.14E+00
9.70E+01	-9.30E+01	1.60E+02	-1.83E-02	-1.13E+00
9.70E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.13E+00
9.71E+01	-9.30E+01	1.59E+02	-3.66E-02	-1.13E+00
9.71E+01	-9.30E+01	1.59E+02	-3.17E-02	-1.14E+00
9.71E+01	-9.30E+01	1.59E+02	-2.69E-02	-1.14E+00
9.71E+01	-9.30E+01	1.59E+02	-2.32E-02	-1.14E+00
9.71E+01	-9.30E+01	1.59E+02	-3.54E-02	-1.16E+00
9.72E+01	-9.30E+01	1.59E+02	0.00E+00	-1.13E+00
9.72E+01	-9.30E+01	1.59E+02	2.44E-03	-1.13E+00
9.72E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.12E+00
9.72E+01	-9.30E+01	1.59E+02	-6.10E-03	-1.12E+00
9.72E+01	-9.30E+01	1.59E+02	-1.22E-02	-1.12E+00
9.73E+01	-9.30E+01	1.59E+02	-1.22E-02	-1.11E+00
9.73E+01	-9.30E+01	1.59E+02	-4.15E-02	-1.13E+00
9.73E+01	-9.30E+01	1.59E+02	-4.52E-02	-1.13E+00
9.73E+01	-9.30E+01	1.59E+02	-2.69E-02	-1.13E+00
9.73E+01	-9.30E+01	1.58E+02	-2.69E-02	-1.12E+00
9.74E+01	-9.30E+01	1.59E+02	-1.59E-02	-1.12E+00
9.74E+01	-9.30E+01	1.59E+02	4.88E-03	-1.12E+00
9.74E+01	-9.30E+01	1.58E+02	-2.44E-03	-1.12E+00
9.74E+01	-9.30E+01	1.59E+02	-4.88E-03	-1.10E+00

9.74E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.11E+00
9.75E+01	-9.30E+01	1.59E+02	-1.59E-02	-1.10E+00
9.75E+01	-9.30E+01	1.59E+02	2.44E-03	-1.10E+00
9.75E+01	-9.30E+01	1.59E+02	-2.32E-02	-1.09E+00
9.75E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.11E+00
9.75E+01	-9.30E+01	1.59E+02	-2.81E-02	-1.11E+00
9.76E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.10E+00
9.76E+01	-9.30E+01	1.58E+02	-2.20E-02	-1.11E+00
9.76E+01	-9.30E+01	1.59E+02	8.54E-03	-1.10E+00
9.76E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.10E+00
9.76E+01	-9.30E+01	1.59E+02	-7.32E-03	-1.09E+00
9.77E+01	-9.30E+01	1.59E+02	-1.22E-03	-1.08E+00
9.77E+01	-9.30E+01	1.59E+02	4.88E-03	-1.08E+00
9.77E+01	-9.30E+01	1.59E+02	-2.20E-02	-1.08E+00
9.77E+01	-9.30E+01	1.59E+02	-1.22E-02	-1.07E+00
9.77E+01	-9.30E+01	1.59E+02	-3.66E-02	-1.07E+00
9.78E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.08E+00
9.78E+01	-9.30E+01	1.59E+02	-3.78E-02	-1.08E+00
9.78E+01	-9.30E+01	1.59E+02	-5.86E-02	-1.07E+00
9.78E+01	-9.30E+01	1.59E+02	-2.69E-02	-1.07E+00
9.78E+01	-9.30E+01	1.59E+02	-3.05E-02	-1.08E+00
9.79E+01	-9.30E+01	1.59E+02	-3.17E-02	-1.08E+00
9.79E+01	-9.30E+01	1.59E+02	-2.56E-02	-1.09E+00
9.79E+01	-9.30E+01	1.59E+02	-7.32E-03	-1.08E+00
9.79E+01	-9.30E+01	1.59E+02	-6.10E-03	-1.07E+00
9.79E+01	-9.30E+01	1.59E+02	2.44E-03	-1.06E+00
9.80E+01	-9.30E+01	1.59E+02	-1.83E-02	-1.05E+00
9.80E+01	-9.30E+01	1.59E+02	-7.32E-03	-1.06E+00
9.80E+01	-9.30E+01	1.59E+02	-2.69E-02	-1.07E+00
9.80E+01	-9.30E+01	1.59E+02	-2.44E-02	-1.05E+00
9.80E+01	-9.30E+01	1.59E+02	-3.30E-02	-1.06E+00
9.81E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.06E+00
9.81E+01	-9.30E+01	1.59E+02	-3.42E-02	-1.05E+00
9.81E+01	-9.30E+01	1.59E+02	-3.66E-02	-1.06E+00
9.81E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.06E+00
9.81E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.05E+00
9.82E+01	-9.30E+01	1.58E+02	4.88E-03	-1.05E+00
9.82E+01	-9.30E+01	1.59E+02	-1.71E-02	-1.05E+00
9.82E+01	-9.30E+01	1.59E+02	1.22E-02	-1.05E+00
9.82E+01	-9.30E+01	1.59E+02	4.88E-03	-1.04E+00
9.82E+01	-9.30E+01	1.59E+02	0.00E+00	-1.04E+00
9.83E+01	-9.30E+01	1.59E+02	-4.88E-03	-1.02E+00
9.83E+01	-9.30E+01	1.59E+02	-1.10E-02	-1.03E+00
9.83E+01	-9.30E+01	1.59E+02	3.66E-03	-1.02E+00
9.83E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.03E+00
9.83E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.02E+00
9.84E+01	-9.30E+01	1.59E+02	-1.95E-02	-1.03E+00

9.84E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.02E+00
9.84E+01	-9.30E+01	1.59E+02	-3.17E-02	-1.03E+00
9.84E+01	-9.30E+01	1.59E+02	-3.42E-02	-1.02E+00
9.84E+01	-9.30E+01	1.59E+02	-3.17E-02	-1.03E+00
9.85E+01	-9.30E+01	1.59E+02	7.32E-03	-1.03E+00
9.85E+01	-9.30E+01	1.59E+02	-1.59E-02	-1.03E+00
9.85E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.02E+00
9.85E+01	-9.30E+01	1.59E+02	1.22E-02	-1.02E+00
9.85E+01	-9.30E+01	1.59E+02	-4.88E-03	-1.02E+00
9.86E+01	-9.30E+01	1.59E+02	-1.46E-02	-1.01E+00
9.86E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.00E+00
9.86E+01	-9.30E+01	1.59E+02	-8.54E-03	-9.93E-01
9.86E+01	-9.30E+01	1.59E+02	-4.15E-02	-1.01E+00
9.86E+01	-9.30E+01	1.59E+02	-3.66E-02	-1.00E+00
9.87E+01	-9.30E+01	1.59E+02	-4.64E-02	-1.00E+00
9.87E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.01E+00
9.87E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.02E+00
9.87E+01	-9.30E+01	1.59E+02	2.44E-03	-1.00E+00
9.87E+01	-9.30E+01	1.59E+02	-2.44E-03	-1.00E+00
9.88E+01	-9.30E+01	1.59E+02	-5.13E-02	-1.01E+00
9.88E+01	-9.30E+01	1.59E+02	-6.10E-03	-9.91E-01
9.88E+01	-9.30E+01	1.59E+02	4.88E-03	-9.88E-01
9.88E+01	-9.30E+01	1.59E+02	6.10E-03	-9.90E-01
9.88E+01	-9.30E+01	1.59E+02	-1.46E-02	-9.84E-01
9.89E+01	-9.30E+01	1.59E+02	-1.22E-03	-9.74E-01
9.89E+01	-9.30E+01	1.59E+02	-9.77E-03	-9.78E-01
9.89E+01	-9.30E+01	1.59E+02	2.44E-03	-9.74E-01
9.89E+01	-9.30E+01	1.59E+02	-4.39E-02	-9.85E-01
9.89E+01	-9.30E+01	1.59E+02	-3.66E-02	-9.83E-01
9.90E+01	-9.30E+01	1.60E+02	-2.69E-02	-9.81E-01
9.90E+01	-9.30E+01	1.59E+02	-3.17E-02	-9.93E-01
9.90E+01	-9.30E+01	1.59E+02	-1.95E-02	-9.91E-01
9.90E+01	-9.30E+01	1.59E+02	-9.77E-03	-9.84E-01
9.90E+01	-9.30E+01	1.59E+02	-1.71E-02	-9.80E-01
9.91E+01	-9.30E+01	1.59E+02	-3.17E-02	-9.80E-01
9.91E+01	-9.30E+01	1.59E+02	-1.46E-02	-9.80E-01
9.91E+01	-9.30E+01	1.59E+02	-4.88E-03	-9.65E-01
9.91E+01	-9.30E+01	1.59E+02	1.46E-02	-9.62E-01
9.91E+01	-9.30E+01	1.59E+02	9.77E-03	-9.60E-01
9.92E+01	-9.30E+01	1.59E+02	7.32E-03	-9.71E-01
9.92E+01	-9.30E+01	1.59E+02	-2.44E-03	-9.47E-01
9.92E+01	-9.30E+01	1.59E+02	-2.20E-02	-9.50E-01
9.92E+01	-9.30E+01	1.59E+02	-2.44E-03	-9.50E-01
9.92E+01	-9.30E+01	1.59E+02	-3.54E-02	-9.54E-01
9.93E+01	-9.30E+01	1.59E+02	-3.54E-02	-9.53E-01
9.93E+01	-9.30E+01	1.59E+02	-2.44E-02	-9.60E-01
9.93E+01	-9.30E+01	1.59E+02	-2.93E-02	-9.70E-01

9.93E+01	-9.30E+01	1.58E+02	-1.59E-02	-9.42E-01
9.93E+01	-9.30E+01	1.58E+02	-1.10E-02	-9.55E-01
9.94E+01	-9.30E+01	1.58E+02	1.10E-02	-9.51E-01
9.94E+01	-9.30E+01	1.59E+02	-2.32E-02	-9.48E-01
9.94E+01	-9.30E+01	1.59E+02	-1.22E-02	-9.44E-01
9.94E+01	-9.30E+01	1.58E+02	9.77E-03	-9.36E-01
9.94E+01	-9.30E+01	1.59E+02	8.54E-03	-9.36E-01
9.95E+01	-9.30E+01	1.59E+02	2.20E-02	-9.37E-01
9.95E+01	-9.30E+01	1.59E+02	-1.22E-03	-9.29E-01
9.95E+01	-9.30E+01	1.59E+02	-7.32E-03	-9.25E-01
9.95E+01	-9.30E+01	1.59E+02	1.95E-02	-9.29E-01
9.95E+01	-9.30E+01	1.59E+02	-3.66E-03	-9.28E-01
9.96E+01	-9.30E+01	1.59E+02	-1.95E-02	-9.19E-01
9.96E+01	-9.30E+01	1.59E+02	-2.44E-03	-9.15E-01
9.96E+01	-9.30E+01	1.59E+02	-1.22E-02	-9.30E-01
9.96E+01	-9.30E+01	1.59E+02	-1.71E-02	-9.21E-01
9.96E+01	-9.30E+01	1.59E+02	-2.69E-02	-9.18E-01
9.97E+01	-9.30E+01	1.59E+02	-4.88E-02	-9.20E-01
9.97E+01	-9.30E+01	1.59E+02	-2.93E-02	-9.24E-01
9.97E+01	-9.30E+01	1.59E+02	-2.81E-02	-9.25E-01
9.97E+01	-9.30E+01	1.59E+02	-2.20E-02	-9.17E-01
9.97E+01	-9.30E+01	1.59E+02	-1.46E-02	-9.21E-01
9.98E+01	-9.30E+01	1.59E+02	1.46E-02	-9.15E-01
9.98E+01	-9.30E+01	1.58E+02	-1.22E-03	-9.14E-01
9.98E+01	-9.30E+01	1.59E+02	-2.44E-02	-9.03E-01
9.98E+01	-9.30E+01	1.59E+02	-9.77E-03	-8.94E-01
9.98E+01	-9.30E+01	1.59E+02	-7.32E-03	-9.03E-01
9.99E+01	-9.30E+01	1.58E+02	-9.77E-03	-8.99E-01
9.99E+01	-9.30E+01	1.58E+02	-2.93E-02	-8.99E-01
9.99E+01	-9.30E+01	1.59E+02	-2.69E-02	-9.07E-01
9.99E+01	-9.30E+01	1.58E+02	-2.20E-02	-9.02E-01
9.99E+01	-9.30E+01	1.59E+02	-3.66E-02	-8.99E-01
1.00E+02	-9.30E+01	1.58E+02	-4.88E-02	-9.01E-01
1.00E+02	-9.30E+01	1.58E+02	-1.22E-02	-9.01E-01
1.00E+02	-9.30E+01	1.58E+02	-2.20E-02	-9.06E-01
1.00E+02	-9.30E+01	1.58E+02	-3.66E-03	-8.87E-01
1.00E+02	-9.30E+01	1.58E+02	-2.44E-03	-8.90E-01
1.00E+02	-9.30E+01	1.58E+02	4.88E-03	-8.82E-01
1.00E+02	-9.30E+01	1.58E+02	0.00E+00	-8.87E-01
1.00E+02	-9.30E+01	1.59E+02	2.69E-02	-8.82E-01
1.00E+02	-9.30E+01	1.58E+02	-1.34E-02	-8.79E-01
1.00E+02	-9.30E+01	1.58E+02	-1.34E-02	-8.74E-01
1.00E+02	-9.30E+01	1.59E+02	-3.05E-02	-8.80E-01
1.00E+02	-9.30E+01	1.58E+02	-3.30E-02	-8.70E-01
1.00E+02	-9.30E+01	1.58E+02	-2.69E-02	-8.76E-01
1.00E+02	-9.30E+01	1.58E+02	-2.81E-02	-8.85E-01
1.00E+02	-9.30E+01	1.58E+02	-3.30E-02	-8.81E-01

1.00E+02	-9.30E+01	1.58E+02	-2.44E-03	-8.68E-01
1.00E+02	-9.30E+01	1.58E+02	-4.88E-03	-8.75E-01
1.00E+02	-9.30E+01	1.57E+02	-2.44E-03	-8.71E-01
1.00E+02	-9.30E+01	1.58E+02	2.44E-03	-8.63E-01
1.00E+02	-9.30E+01	1.58E+02	-2.44E-03	-8.59E-01
1.00E+02	-9.30E+01	1.58E+02	-1.22E-02	-8.63E-01
1.00E+02	-9.30E+01	1.57E+02	-2.20E-02	-8.56E-01
1.00E+02	-9.30E+01	1.58E+02	-3.30E-02	-8.51E-01
1.00E+02	-9.30E+01	1.58E+02	-3.54E-02	-8.51E-01
1.00E+02	-9.30E+01	1.58E+02	-2.93E-02	-8.64E-01
1.00E+02	-9.30E+01	1.57E+02	-3.42E-02	-8.62E-01
1.00E+02	-9.30E+01	1.57E+02	-2.44E-02	-8.58E-01
1.01E+02	-9.30E+01	1.57E+02	-1.46E-02	-8.72E-01
1.01E+02	-9.30E+01	1.57E+02	-2.69E-02	-8.65E-01
1.01E+02	-9.30E+01	1.57E+02	-1.71E-02	-8.56E-01
1.01E+02	-9.30E+01	1.57E+02	-2.32E-02	-8.50E-01
1.01E+02	-9.30E+01	1.57E+02	4.88E-03	-8.50E-01
1.01E+02	-9.30E+01	1.57E+02	2.44E-03	-8.42E-01
1.01E+02	-9.30E+01	1.57E+02	-1.95E-02	-8.42E-01
1.01E+02	-9.30E+01	1.57E+02	-1.71E-02	-8.29E-01
1.01E+02	-9.30E+01	1.57E+02	1.10E-02	-8.28E-01
1.01E+02	-9.30E+01	1.57E+02	-1.46E-02	-8.29E-01
1.01E+02	-9.30E+01	1.57E+02	-3.91E-02	-8.34E-01
1.01E+02	-9.30E+01	1.57E+02	-2.93E-02	-8.28E-01
1.01E+02	-9.30E+01	1.56E+02	-1.46E-02	-8.40E-01
1.01E+02	-9.30E+01	1.56E+02	-3.17E-02	-8.41E-01
1.01E+02	-9.30E+01	1.57E+02	-1.59E-02	-8.33E-01
1.01E+02	-9.30E+01	1.57E+02	-4.88E-03	-8.33E-01
1.01E+02	-9.30E+01	1.57E+02	-2.20E-02	-8.31E-01
1.01E+02	-9.30E+01	1.57E+02	-1.22E-03	-8.13E-01
1.01E+02	-9.30E+01	1.57E+02	-7.32E-03	-8.09E-01
1.01E+02	-9.30E+01	1.56E+02	-4.88E-03	-8.10E-01
1.01E+02	-9.30E+01	1.56E+02	-2.69E-02	-8.14E-01
1.01E+02	-9.30E+01	1.56E+02	-1.22E-02	-8.32E-01
1.01E+02	-9.30E+01	1.57E+02	-2.56E-02	-8.12E-01
1.01E+02	-9.30E+01	1.57E+02	-2.93E-02	-8.18E-01
1.01E+02	-9.30E+01	1.56E+02	-3.42E-02	-8.14E-01
1.01E+02	-9.30E+01	1.56E+02	-1.95E-02	-8.13E-01
1.01E+02	-9.30E+01	1.56E+02	-7.32E-03	-8.29E-01
1.01E+02	-9.30E+01	1.56E+02	-1.22E-03	-8.17E-01
1.01E+02	-9.30E+01	1.56E+02	-1.34E-02	-8.07E-01
1.01E+02	-9.30E+01	1.56E+02	0.00E+00	-8.02E-01
1.01E+02	-9.30E+01	1.56E+02	2.44E-03	-7.97E-01
1.01E+02	-9.30E+01	1.56E+02	-1.71E-02	-7.93E-01
1.01E+02	-9.30E+01	1.56E+02	-2.93E-02	-7.86E-01
1.01E+02	-9.30E+01	1.56E+02	-1.59E-02	-7.87E-01
1.01E+02	-9.30E+01	1.56E+02	-2.20E-02	-8.12E-01

1.01E+02	-9.30E+01	1.56E+02	-2.93E-02	-7.95E-01
1.01E+02	-9.30E+01	1.56E+02	-3.91E-02	-7.97E-01
1.01E+02	-9.30E+01	1.55E+02	-3.78E-02	-7.96E-01
1.01E+02	-9.30E+01	1.55E+02	-1.71E-02	-7.92E-01
1.01E+02	-9.30E+01	1.56E+02	-1.22E-02	-7.77E-01
1.01E+02	-9.30E+01	1.56E+02	1.59E-02	-7.83E-01
1.01E+02	-9.30E+01	1.56E+02	-3.66E-03	-7.81E-01
1.01E+02	-9.30E+01	1.56E+02	-1.95E-02	-7.82E-01
1.01E+02	-9.30E+01	1.56E+02	-1.71E-02	-7.67E-01
1.01E+02	-9.30E+01	1.56E+02	-2.69E-02	-7.78E-01
1.01E+02	-9.30E+01	1.56E+02	-3.42E-02	-7.70E-01
1.01E+02	-9.30E+01	1.55E+02	-3.30E-02	-7.78E-01
1.01E+02	-9.30E+01	1.55E+02	-1.83E-02	-7.69E-01
1.01E+02	-9.30E+01	1.56E+02	-2.81E-02	-7.82E-01
1.01E+02	-9.30E+01	1.55E+02	-2.44E-03	-7.75E-01
1.02E+02	-9.30E+01	1.55E+02	-1.95E-02	-7.78E-01
1.02E+02	-9.30E+01	1.56E+02	-7.32E-03	-7.70E-01
1.02E+02	-9.30E+01	1.56E+02	-7.32E-03	-7.68E-01
1.02E+02	-9.30E+01	1.56E+02	-1.71E-02	-7.70E-01
1.02E+02	-9.30E+01	1.56E+02	-9.77E-03	-7.72E-01
1.02E+02	-9.30E+01	1.56E+02	-4.88E-03	-7.60E-01
1.02E+02	-9.30E+01	1.56E+02	9.77E-03	-7.59E-01
1.02E+02	-9.30E+01	1.56E+02	-2.44E-02	-7.58E-01
1.02E+02	-9.30E+01	1.56E+02	-2.44E-03	-7.45E-01
1.02E+02	-9.30E+01	1.56E+02	-2.44E-03	-7.41E-01
1.02E+02	-9.30E+01	1.56E+02	-2.20E-02	-7.52E-01
1.02E+02	-9.30E+01	1.56E+02	-2.44E-02	-7.47E-01
1.02E+02	-9.30E+01	1.56E+02	-1.95E-02	-7.47E-01
1.02E+02	-9.30E+01	1.56E+02	-2.56E-02	-7.44E-01
1.02E+02	-9.30E+01	1.56E+02	-2.93E-02	-7.53E-01
1.02E+02	-9.30E+01	1.56E+02	-2.93E-02	-7.49E-01
1.02E+02	-9.30E+01	1.56E+02	-3.17E-02	-7.48E-01
1.02E+02	-9.30E+01	1.56E+02	-6.10E-03	-7.35E-01
1.02E+02	-9.30E+01	1.56E+02	-1.22E-02	-7.51E-01
1.02E+02	-9.30E+01	1.56E+02	-1.71E-02	-7.47E-01
1.02E+02	-9.30E+01	1.56E+02	-1.95E-02	-7.35E-01
1.02E+02	-9.30E+01	1.56E+02	-1.10E-02	-7.37E-01
1.02E+02	-9.30E+01	1.56E+02	1.46E-02	-7.31E-01
1.02E+02	-9.30E+01	1.57E+02	2.44E-03	-7.23E-01
1.02E+02	-9.30E+01	1.56E+02	-9.77E-03	-7.18E-01
1.02E+02	-9.30E+01	1.57E+02	-6.10E-03	-7.15E-01
1.02E+02	-9.30E+01	1.57E+02	-2.08E-02	-7.18E-01
1.02E+02	-9.30E+01	1.57E+02	-3.91E-02	-7.15E-01
1.02E+02	-9.30E+01	1.57E+02	-2.93E-02	-7.14E-01
1.02E+02	-9.30E+01	1.56E+02	-2.69E-02	-7.26E-01
1.02E+02	-9.30E+01	1.57E+02	-1.95E-02	-7.30E-01
1.02E+02	-9.30E+01	1.57E+02	-2.69E-02	-7.20E-01

1.02E+02	-9.30E+01	1.56E+02	-1.22E-03	-7.14E-01
1.02E+02	-9.30E+01	1.57E+02	-9.77E-03	-7.13E-01
1.02E+02	-9.30E+01	1.57E+02	-6.10E-03	-7.08E-01
1.02E+02	-9.30E+01	1.57E+02	-9.77E-03	-7.01E-01
1.02E+02	-9.30E+01	1.57E+02	-1.46E-02	-7.00E-01
1.02E+02	-9.30E+01	1.57E+02	-2.93E-02	-7.02E-01
1.02E+02	-9.30E+01	1.57E+02	-2.69E-02	-7.05E-01
1.02E+02	-9.30E+01	1.57E+02	-1.95E-02	-7.12E-01
1.02E+02	-9.30E+01	1.57E+02	-2.69E-02	-7.09E-01
1.02E+02	-9.30E+01	1.57E+02	-2.20E-02	-7.00E-01
1.02E+02	-9.30E+01	1.57E+02	1.71E-02	-6.90E-01
1.02E+02	-9.30E+01	1.57E+02	-2.44E-03	-6.84E-01
1.02E+02	-9.30E+01	1.57E+02	-1.22E-02	-6.87E-01
1.02E+02	-9.30E+01	1.57E+02	-1.46E-02	-6.84E-01
1.02E+02	-9.30E+01	1.57E+02	-2.44E-02	-6.90E-01
1.02E+02	-9.30E+01	1.58E+02	-3.78E-02	-6.83E-01
1.02E+02	-9.30E+01	1.57E+02	-2.69E-02	-6.81E-01
1.02E+02	-9.30E+01	1.57E+02	-2.44E-03	-6.93E-01
1.03E+02	-9.30E+01	1.57E+02	-2.44E-03	-6.91E-01
1.03E+02	-9.30E+01	1.57E+02	7.32E-03	-6.75E-01
1.03E+02	-9.30E+01	1.57E+02	0.00E+00	-6.77E-01
1.03E+02	-9.30E+01	1.57E+02	-1.95E-02	-6.87E-01
1.03E+02	-9.30E+01	1.57E+02	-2.20E-02	-6.71E-01
1.03E+02	-9.30E+01	1.58E+02	-3.54E-02	-6.67E-01
1.03E+02	-9.30E+01	1.57E+02	-5.13E-02	-6.78E-01
1.03E+02	-9.30E+01	1.57E+02	-2.69E-02	-6.83E-01
1.03E+02	-9.30E+01	1.57E+02	-2.44E-02	-6.82E-01
1.03E+02	-9.30E+01	1.57E+02	7.32E-03	-6.73E-01
1.03E+02	-9.30E+01	1.58E+02	-7.32E-03	-6.77E-01
1.03E+02	-9.30E+01	1.57E+02	-1.46E-02	-6.51E-01
1.03E+02	-9.30E+01	1.57E+02	-2.44E-03	-6.56E-01
1.03E+02	-9.30E+01	1.57E+02	1.71E-02	-6.61E-01
1.03E+02	-9.30E+01	1.58E+02	-1.22E-02	-6.65E-01
1.03E+02	-9.30E+01	1.58E+02	-9.77E-03	-6.53E-01
1.03E+02	-9.30E+01	1.58E+02	-1.22E-02	-6.54E-01
1.03E+02	-9.30E+01	1.57E+02	-2.81E-02	-6.52E-01
1.03E+02	-9.30E+01	1.57E+02	-2.44E-02	-6.59E-01
1.03E+02	-9.30E+01	1.57E+02	-4.64E-02	-6.49E-01
1.03E+02	-9.30E+01	1.58E+02	-3.54E-02	-6.46E-01
1.03E+02	-9.30E+01	1.58E+02	-2.69E-02	-6.56E-01
1.03E+02	-9.30E+01	1.57E+02	-3.66E-02	-6.61E-01
1.03E+02	-9.30E+01	1.57E+02	-3.30E-02	-6.42E-01
1.03E+02	-9.30E+01	1.57E+02	-3.66E-02	-6.52E-01
1.03E+02	-9.30E+01	1.57E+02	-1.83E-02	-6.49E-01
1.03E+02	-9.30E+01	1.57E+02	-2.93E-02	-6.50E-01
1.03E+02	-9.30E+01	1.57E+02	-1.71E-02	-6.46E-01
1.03E+02	-9.30E+01	1.57E+02	-1.34E-02	-6.44E-01

1.03E+02	-9.30E+01	1.57E+02	-1.10E-02	-6.50E-01
1.03E+02	-9.30E+01	1.57E+02	2.44E-03	-6.41E-01
1.03E+02	-9.30E+01	1.57E+02	0.00E+00	-6.28E-01
1.03E+02	-9.30E+01	1.57E+02	-7.32E-03	-6.23E-01
1.03E+02	-9.30E+01	1.57E+02	-1.22E-02	-6.26E-01
1.03E+02	-9.30E+01	1.57E+02	1.10E-02	-6.28E-01
1.03E+02	-9.30E+01	1.57E+02	-2.44E-03	-6.24E-01
1.03E+02	-9.30E+01	1.57E+02	-2.44E-03	-6.15E-01
1.03E+02	-9.30E+01	1.57E+02	-2.69E-02	-6.16E-01
1.03E+02	-9.30E+01	1.58E+02	-1.95E-02	-6.34E-01
1.03E+02	-9.30E+01	1.57E+02	-4.52E-02	-6.19E-01
1.03E+02	-9.30E+01	1.57E+02	-3.66E-02	-6.14E-01
1.03E+02	-9.30E+01	1.57E+02	-5.13E-02	-6.19E-01
1.03E+02	-9.30E+01	1.57E+02	-3.17E-02	-6.18E-01
1.03E+02	-9.30E+01	1.57E+02	-2.93E-02	-6.18E-01
1.03E+02	-9.30E+01	1.57E+02	-2.56E-02	-6.15E-01
1.03E+02	-9.30E+01	1.57E+02	-2.93E-02	-6.15E-01
1.03E+02	-9.30E+01	1.57E+02	-3.30E-02	-6.07E-01
1.03E+02	-9.30E+01	1.57E+02	-2.69E-02	-6.13E-01
1.03E+02	-9.30E+01	1.57E+02	-2.93E-02	-6.10E-01
1.03E+02	-9.30E+01	1.57E+02	-4.88E-03	-6.10E-01
1.04E+02	-9.30E+01	1.57E+02	-1.22E-03	-6.03E-01
1.04E+02	-9.30E+01	1.57E+02	-7.32E-03	-5.97E-01
1.04E+02	-9.30E+01	1.57E+02	2.44E-03	-5.86E-01
1.04E+02	-9.30E+01	1.57E+02	-4.88E-03	-5.85E-01
1.04E+02	-9.30E+01	1.57E+02	9.77E-03	-5.78E-01
1.04E+02	-9.30E+01	1.58E+02	-2.44E-02	-5.85E-01
1.04E+02	-9.30E+01	1.58E+02	-3.66E-02	-5.84E-01
1.04E+02	-9.30E+01	1.57E+02	-2.69E-02	-5.82E-01
1.04E+02	-9.30E+01	1.57E+02	-3.05E-02	-5.91E-01
1.04E+02	-9.30E+01	1.57E+02	-2.44E-02	-5.97E-01
1.04E+02	-9.30E+01	1.57E+02	-2.69E-02	-5.88E-01
1.04E+02	-9.30E+01	1.57E+02	-4.64E-02	-5.93E-01
1.04E+02	-9.30E+01	1.57E+02	-2.44E-02	-5.89E-01
1.04E+02	-9.30E+01	1.57E+02	-1.22E-02	-5.83E-01
1.04E+02	-9.30E+01	1.57E+02	-4.88E-03	-5.72E-01
1.04E+02	-9.30E+01	1.56E+02	1.71E-02	-5.72E-01
1.04E+02	-9.30E+01	1.56E+02	-3.66E-03	-5.89E-01
1.04E+02	-9.30E+01	1.57E+02	-4.88E-03	-5.62E-01
1.04E+02	-9.30E+01	1.57E+02	-1.22E-02	-5.62E-01
1.04E+02	-9.30E+01	1.56E+02	7.32E-03	-5.59E-01
1.04E+02	-9.30E+01	1.56E+02	-3.66E-02	-5.60E-01
1.04E+02	-9.30E+01	1.56E+02	-3.54E-02	-5.65E-01
1.04E+02	-9.30E+01	1.57E+02	-1.71E-02	-5.60E-01
1.04E+02	-9.30E+01	1.57E+02	-3.17E-02	-5.72E-01
1.04E+02	-9.30E+01	1.56E+02	-4.39E-02	-5.61E-01
1.04E+02	-9.30E+01	1.56E+02	-2.20E-02	-5.66E-01

1.04E+02	-9.30E+01	1.56E+02	0.00E+00	-5.60E-01
1.04E+02	-9.30E+01	1.56E+02	-9.77E-03	-5.66E-01
1.04E+02	-9.30E+01	1.56E+02	-9.77E-03	-5.57E-01
1.04E+02	-9.30E+01	1.56E+02	-4.88E-03	-5.49E-01
1.04E+02	-9.30E+01	1.57E+02	2.44E-03	-5.49E-01
1.04E+02	-9.30E+01	1.56E+02	-4.88E-03	-5.40E-01
1.04E+02	-9.30E+01	1.56E+02	-1.95E-02	-5.43E-01
1.04E+02	-9.30E+01	1.57E+02	-7.32E-03	-5.31E-01
1.04E+02	-9.30E+01	1.56E+02	2.44E-03	-5.34E-01
1.04E+02	-9.30E+01	1.56E+02	-4.88E-03	-5.40E-01
1.04E+02	-9.30E+01	1.56E+02	-7.32E-03	-5.34E-01
1.04E+02	-9.30E+01	1.56E+02	-8.54E-03	-5.40E-01
1.04E+02	-9.30E+01	1.57E+02	-9.77E-03	-5.28E-01
1.04E+02	-9.30E+01	1.56E+02	-7.32E-03	-5.20E-01
1.04E+02	-9.30E+01	1.55E+02	-2.69E-02	-5.33E-01
1.04E+02	-9.30E+01	1.55E+02	-3.91E-02	-5.29E-01
1.04E+02	-9.30E+01	1.55E+02	-3.17E-02	-5.29E-01
1.04E+02	-9.30E+01	1.55E+02	-2.20E-02	-5.35E-01
1.04E+02	-9.30E+01	1.55E+02	-2.93E-02	-5.28E-01
1.04E+02	-9.30E+01	1.55E+02	-4.88E-02	-5.36E-01
1.04E+02	-9.30E+01	1.56E+02	-1.83E-02	-5.29E-01
1.04E+02	-9.30E+01	1.56E+02	-8.54E-03	-5.30E-01
1.04E+02	-9.30E+01	1.56E+02	-1.46E-02	-5.29E-01
1.04E+02	-9.30E+01	1.55E+02	-7.32E-03	-5.24E-01
1.05E+02	-9.30E+01	1.56E+02	-9.77E-03	-5.32E-01
1.05E+02	-9.30E+01	1.56E+02	2.44E-03	-5.20E-01
1.05E+02	-9.30E+01	1.55E+02	1.71E-02	-5.15E-01
1.05E+02	-9.30E+01	1.55E+02	-1.95E-02	-5.21E-01
1.05E+02	-9.30E+01	1.55E+02	-2.20E-02	-5.19E-01
1.05E+02	-9.30E+01	1.56E+02	-1.34E-02	-5.16E-01
1.05E+02	-9.30E+01	1.55E+02	-1.46E-02	-5.16E-01
1.05E+02	-9.30E+01	1.55E+02	0.00E+00	-5.25E-01
1.05E+02	-9.30E+01	1.55E+02	-1.10E-02	-5.12E-01
1.05E+02	-9.30E+01	1.55E+02	-7.32E-03	-5.04E-01
1.05E+02	-9.30E+01	1.54E+02	-2.08E-02	-4.98E-01
1.05E+02	-9.30E+01	1.54E+02	4.88E-03	-5.03E-01
1.05E+02	-9.30E+01	1.54E+02	-8.54E-03	-4.95E-01
1.05E+02	-9.30E+01	1.55E+02	2.44E-03	-4.93E-01
1.05E+02	-9.30E+01	1.55E+02	-1.22E-03	-4.84E-01
1.05E+02	-9.30E+01	1.55E+02	1.10E-02	-4.67E-01
1.05E+02	-9.30E+01	1.55E+02	-7.32E-03	-4.84E-01
1.05E+02	-9.30E+01	1.55E+02	-2.20E-02	-4.81E-01
1.05E+02	-9.30E+01	1.55E+02	0.00E+00	-4.84E-01
1.05E+02	-9.30E+01	1.55E+02	-3.42E-02	-4.87E-01
1.05E+02	-9.30E+01	1.55E+02	-3.17E-02	-4.91E-01
1.05E+02	-9.30E+01	1.55E+02	-2.20E-02	-4.84E-01
1.05E+02	-9.30E+01	1.55E+02	-2.20E-02	-4.86E-01

1.05E+02	-9.30E+01	1.55E+02	-3.78E-02	-4.96E-01
1.05E+02	-9.30E+01	1.54E+02	-1.59E-02	-4.86E-01
1.05E+02	-9.30E+01	1.53E+02	-1.10E-02	-4.75E-01
1.05E+02	-9.30E+01	1.53E+02	-1.71E-02	-4.79E-01
1.05E+02	-9.30E+01	1.54E+02	4.88E-03	-4.71E-01
1.05E+02	-9.30E+01	1.54E+02	2.44E-03	-4.70E-01
1.05E+02	-9.30E+01	1.54E+02	0.00E+00	-4.64E-01
1.05E+02	-9.30E+01	1.55E+02	-4.88E-03	-4.58E-01
1.05E+02	-9.30E+01	1.55E+02	-4.88E-03	-4.58E-01
1.05E+02	-9.30E+01	1.55E+02	-4.15E-02	-4.60E-01
1.05E+02	-9.30E+01	1.54E+02	-3.17E-02	-4.56E-01
1.05E+02	-9.30E+01	1.54E+02	-2.69E-02	-4.59E-01
1.05E+02	-9.30E+01	1.54E+02	-3.05E-02	-4.68E-01
1.05E+02	-9.30E+01	1.54E+02	-1.83E-02	-4.59E-01
1.05E+02	-9.30E+01	1.54E+02	-3.66E-02	-4.59E-01
1.05E+02	-9.30E+01	1.54E+02	-2.93E-02	-4.56E-01
1.05E+02	-9.30E+01	1.55E+02	-2.69E-02	-4.60E-01
1.05E+02	-9.30E+01	1.54E+02	-2.20E-02	-4.62E-01
1.05E+02	-9.30E+01	1.54E+02	-4.03E-02	-4.50E-01
1.05E+02	-9.30E+01	1.54E+02	-1.95E-02	-4.53E-01
1.05E+02	-9.30E+01	1.54E+02	-2.44E-03	-4.52E-01
1.05E+02	-9.30E+01	1.54E+02	-1.22E-02	-4.48E-01
1.05E+02	-9.30E+01	1.53E+02	-1.46E-02	-4.34E-01
1.05E+02	-9.30E+01	1.54E+02	-2.44E-03	-4.29E-01
1.05E+02	-9.30E+01	1.54E+02	1.22E-03	-4.28E-01
1.05E+02	-9.30E+01	1.54E+02	-2.20E-02	-4.28E-01
1.05E+02	-9.30E+01	1.53E+02	-1.22E-02	-4.25E-01
1.06E+02	-9.30E+01	1.54E+02	-1.83E-02	-4.31E-01
1.06E+02	-9.30E+01	1.54E+02	-9.77E-03	-4.24E-01
1.06E+02	-9.30E+01	1.54E+02	-3.91E-02	-4.29E-01
1.06E+02	-9.30E+01	1.53E+02	-3.66E-02	-4.21E-01
1.06E+02	-9.30E+01	1.54E+02	-5.62E-02	-4.23E-01
1.06E+02	-9.30E+01	1.54E+02	-2.44E-02	-4.15E-01
1.06E+02	-9.30E+01	1.54E+02	-2.08E-02	-4.23E-01
1.06E+02	-9.30E+01	1.53E+02	-3.42E-02	-4.24E-01
1.06E+02	-9.30E+01	1.53E+02	-4.88E-02	-4.20E-01
1.06E+02	-9.30E+01	1.53E+02	-3.05E-02	-4.25E-01
1.06E+02	-9.30E+01	1.53E+02	-1.59E-02	-4.25E-01
1.06E+02	-9.30E+01	1.53E+02	-2.69E-02	-4.23E-01
1.06E+02	-9.30E+01	1.52E+02	-2.20E-02	-4.17E-01
1.06E+02	-9.30E+01	1.52E+02	9.77E-03	-4.08E-01
1.06E+02	-9.30E+01	1.53E+02	-7.32E-03	-4.12E-01
1.06E+02	-9.30E+01	1.53E+02	-7.32E-03	-4.04E-01
1.06E+02	-9.30E+01	1.52E+02	-3.66E-03	-3.97E-01
1.06E+02	-9.30E+01	1.53E+02	-1.59E-02	-4.17E-01
1.06E+02	-9.30E+01	1.53E+02	-1.95E-02	-3.95E-01
1.06E+02	-9.30E+01	1.53E+02	-2.44E-02	-3.92E-01

1.06E+02	-9.30E+01	1.52E+02	-2.20E-02	-3.96E-01
1.06E+02	-9.30E+01	1.53E+02	-3.66E-02	-3.99E-01
1.06E+02	-9.30E+01	1.53E+02	-3.91E-02	-4.17E-01
1.06E+02	-9.30E+01	1.53E+02	-3.91E-02	-3.92E-01
1.06E+02	-9.30E+01	1.52E+02	-1.46E-02	-3.98E-01
1.06E+02	-9.30E+01	1.51E+02	-3.66E-02	-4.03E-01
1.06E+02	-9.30E+01	1.51E+02	-1.59E-02	-3.94E-01
1.06E+02	-9.30E+01	1.50E+02	0.00E+00	-3.84E-01
1.06E+02	-9.30E+01	1.50E+02	0.00E+00	-3.91E-01
1.06E+02	-9.30E+01	1.50E+02	-2.20E-02	-3.79E-01
1.06E+02	-9.30E+01	1.49E+02	4.88E-03	-3.64E-01
1.06E+02	-9.30E+01	1.50E+02	-1.71E-02	-3.70E-01
1.06E+02	-9.30E+01	1.50E+02	-1.59E-02	-3.72E-01
1.06E+02	-9.30E+01	1.51E+02	-3.17E-02	-3.81E-01
1.06E+02	-9.30E+01	1.52E+02	-4.03E-02	-3.80E-01
1.06E+02	-9.30E+01	1.52E+02	-2.32E-02	-3.76E-01
1.06E+02	-9.30E+01	1.53E+02	-3.91E-02	-3.86E-01
1.06E+02	-9.30E+01	1.53E+02	-2.93E-02	-3.78E-01
1.06E+02	-9.30E+01	1.54E+02	-1.95E-02	-3.76E-01
1.06E+02	-9.30E+01	1.53E+02	-3.66E-03	-3.75E-01
1.06E+02	-9.30E+01	1.52E+02	-3.66E-03	-3.70E-01
1.06E+02	-9.30E+01	1.53E+02	-1.10E-02	-3.72E-01
1.06E+02	-9.30E+01	1.52E+02	0.00E+00	-3.54E-01
1.06E+02	-9.30E+01	1.52E+02	-2.69E-02	-3.52E-01
1.06E+02	-9.30E+01	1.52E+02	-1.83E-02	-3.55E-01
1.06E+02	-9.30E+01	1.53E+02	-2.20E-02	-3.48E-01
1.06E+02	-9.30E+01	1.55E+02	-1.46E-02	-3.47E-01
1.06E+02	-9.30E+01	1.54E+02	-1.95E-02	-3.49E-01
1.06E+02	-9.30E+01	1.54E+02	-1.71E-02	-3.36E-01
1.06E+02	-9.30E+01	1.55E+02	-2.20E-02	-3.41E-01
1.07E+02	-9.30E+01	1.55E+02	-2.32E-02	-3.43E-01
1.07E+02	-9.30E+01	1.55E+02	-3.66E-02	-3.44E-01
1.07E+02	-9.30E+01	1.54E+02	-1.95E-02	-3.39E-01
1.07E+02	-9.30E+01	1.54E+02	-3.66E-02	-3.49E-01
1.07E+02	-9.30E+01	1.55E+02	-1.95E-02	-3.54E-01
1.07E+02	-9.30E+01	1.55E+02	-1.71E-02	-3.51E-01
1.07E+02	-9.30E+01	1.55E+02	-3.54E-02	-3.53E-01
1.07E+02	-9.30E+01	1.55E+02	-1.22E-02	-3.47E-01
1.07E+02	-9.30E+01	1.55E+02	-1.22E-02	-3.39E-01
1.07E+02	-9.30E+01	1.55E+02	2.44E-03	-3.29E-01
1.07E+02	-9.30E+01	1.55E+02	-1.10E-02	-3.28E-01
1.07E+02	-9.30E+01	1.56E+02	-7.32E-03	-3.23E-01
1.07E+02	-9.30E+01	1.56E+02	-3.42E-02	-3.22E-01
1.07E+02	-9.30E+01	1.56E+02	-1.95E-02	-3.23E-01
1.07E+02	-9.30E+01	1.56E+02	-4.76E-02	-3.27E-01
1.07E+02	-9.30E+01	1.56E+02	-3.42E-02	-3.22E-01
1.07E+02	-9.30E+01	1.56E+02	-1.83E-02	-3.33E-01

1.07E+02	-9.30E+01	1.56E+02	-1.46E-02	-3.29E-01
1.07E+02	-9.30E+01	1.56E+02	-1.46E-02	-3.23E-01
1.07E+02	-9.30E+01	1.56E+02	1.34E-02	-3.20E-01
1.07E+02	-9.30E+01	1.56E+02	0.00E+00	-3.22E-01
1.07E+02	-9.30E+01	1.56E+02	2.44E-03	-3.14E-01
1.07E+02	-9.30E+01	1.57E+02	-7.32E-03	-3.14E-01
1.07E+02	-9.30E+01	1.57E+02	-4.88E-03	-3.03E-01
1.07E+02	-9.30E+01	1.56E+02	3.66E-03	-2.99E-01
1.07E+02	-9.30E+01	1.57E+02	-2.56E-02	-3.02E-01
1.07E+02	-9.30E+01	1.57E+02	-2.44E-02	-2.98E-01
1.07E+02	-9.30E+01	1.57E+02	-4.39E-02	-3.00E-01
1.07E+02	-9.30E+01	1.57E+02	-2.56E-02	-3.03E-01
1.07E+02	-9.30E+01	1.57E+02	-2.93E-02	-3.05E-01
1.07E+02	-9.30E+01	1.57E+02	-1.59E-02	-3.13E-01
1.07E+02	-9.30E+01	1.58E+02	-8.54E-03	-3.06E-01
1.07E+02	-9.30E+01	1.57E+02	-4.88E-03	-3.03E-01
1.07E+02	-9.30E+01	1.58E+02	-1.71E-02	-2.91E-01
1.07E+02	-9.30E+01	1.58E+02	6.10E-03	-2.88E-01
1.07E+02	-9.30E+01	1.58E+02	1.22E-03	-2.82E-01
1.07E+02	-9.30E+01	1.58E+02	-3.05E-02	-2.85E-01
1.07E+02	-9.30E+01	1.58E+02	-1.22E-02	-2.79E-01
1.07E+02	-9.30E+01	1.58E+02	1.46E-02	-2.63E-01
1.07E+02	-9.30E+01	1.58E+02	-1.22E-03	-2.80E-01
1.07E+02	-9.30E+01	1.58E+02	7.32E-03	-2.77E-01
1.07E+02	-9.30E+01	1.59E+02	-2.69E-02	-2.84E-01
1.07E+02	-9.30E+01	1.59E+02	-2.56E-02	-2.72E-01
1.07E+02	-9.30E+01	1.59E+02	-1.95E-02	-2.60E-01
1.07E+02	-9.30E+01	1.59E+02	-2.81E-02	-2.80E-01
1.07E+02	-9.30E+01	1.59E+02	-7.32E-03	-2.78E-01
1.07E+02	-9.30E+01	1.59E+02	-1.22E-03	-2.76E-01
1.07E+02	-9.30E+01	1.59E+02	-1.71E-02	-2.82E-01
1.07E+02	-9.30E+01	1.58E+02	-1.46E-02	-2.80E-01
1.07E+02	-9.30E+01	1.59E+02	6.10E-03	-2.58E-01
1.08E+02	-9.30E+01	1.59E+02	-2.44E-03	-2.72E-01
1.08E+02	-9.30E+01	1.59E+02	-1.34E-02	-2.55E-01
1.08E+02	-9.30E+01	1.59E+02	-1.71E-02	-2.54E-01
1.08E+02	-9.30E+01	1.59E+02	-2.93E-02	-2.52E-01
1.08E+02	-9.30E+01	1.59E+02	-2.20E-02	-2.55E-01
1.08E+02	-9.30E+01	1.59E+02	-3.42E-02	-2.60E-01
1.08E+02	-9.30E+01	1.59E+02	-3.91E-02	-2.64E-01
1.08E+02	-9.30E+01	1.59E+02	-1.71E-02	-2.62E-01
1.08E+02	-9.30E+01	1.59E+02	-2.44E-02	-2.70E-01
1.08E+02	-9.30E+01	1.59E+02	-2.81E-02	-2.58E-01
1.08E+02	-9.30E+01	1.59E+02	-2.93E-02	-2.55E-01
1.08E+02	-9.30E+01	1.60E+02	-9.77E-03	-2.49E-01
1.08E+02	-9.30E+01	1.59E+02	1.46E-02	-2.48E-01
1.08E+02	-9.30E+01	1.59E+02	-1.22E-02	-2.34E-01

1.08E+02	-9.30E+01	1.59E+02	1.46E-02	-2.30E-01
1.08E+02	-9.30E+01	1.59E+02	0.00E+00	-2.37E-01
1.08E+02	-9.30E+01	1.59E+02	2.44E-03	-2.33E-01
1.08E+02	-9.30E+01	1.59E+02	-4.88E-03	-2.23E-01
1.08E+02	-9.30E+01	1.60E+02	-1.95E-02	-2.27E-01
1.08E+02	-9.30E+01	1.60E+02	-2.81E-02	-2.44E-01
1.08E+02	-9.30E+01	1.59E+02	-2.20E-02	-2.38E-01
1.08E+02	-9.30E+01	1.60E+02	-1.22E-02	-2.31E-01
1.08E+02	-9.30E+01	1.59E+02	-4.03E-02	-2.25E-01
1.08E+02	-9.30E+01	1.59E+02	-2.20E-02	-2.33E-01
1.08E+02	-9.30E+01	1.59E+02	-1.71E-02	-2.31E-01
1.08E+02	-9.30E+01	1.59E+02	-7.32E-03	-2.31E-01
1.08E+02	-9.30E+01	1.59E+02	-1.10E-02	-2.27E-01
1.08E+02	-9.30E+01	1.59E+02	1.95E-02	-2.13E-01
1.08E+02	-9.30E+01	1.59E+02	-2.44E-03	-2.21E-01
1.08E+02	-9.30E+01	1.59E+02	-7.32E-03	-2.10E-01
1.08E+02	-9.30E+01	1.59E+02	2.44E-03	-2.10E-01
1.08E+02	-9.30E+01	1.59E+02	-7.32E-03	-2.11E-01
1.08E+02	-9.30E+01	1.59E+02	-3.54E-02	-2.18E-01
1.08E+02	-9.30E+01	1.59E+02	-3.17E-02	-2.06E-01
1.08E+02	-9.30E+01	1.59E+02	-2.69E-02	-2.07E-01
1.08E+02	-9.30E+01	1.58E+02	-2.32E-02	-2.22E-01
1.08E+02	-9.30E+01	1.58E+02	-3.91E-02	-2.16E-01
1.08E+02	-9.30E+01	1.59E+02	-1.95E-02	-2.26E-01
1.08E+02	-9.30E+01	1.58E+02	-8.54E-03	-2.12E-01
1.08E+02	-9.30E+01	1.58E+02	-1.34E-02	-2.10E-01
1.08E+02	-9.30E+01	1.58E+02	-2.93E-02	-2.02E-01
1.08E+02	-9.30E+01	1.58E+02	-1.22E-02	-2.07E-01
1.08E+02	-9.30E+01	1.58E+02	2.44E-03	-1.97E-01
1.08E+02	-9.30E+01	1.58E+02	2.44E-03	-2.04E-01
1.08E+02	-9.30E+01	1.58E+02	-7.32E-03	-1.93E-01
1.08E+02	-9.30E+01	1.58E+02	9.77E-03	-1.96E-01
1.08E+02	-9.30E+01	1.58E+02	-2.44E-03	-1.83E-01
1.08E+02	-9.30E+01	1.57E+02	-1.71E-02	-1.80E-01
1.08E+02	-9.30E+01	1.57E+02	-2.44E-02	-1.77E-01
1.08E+02	-9.30E+01	1.57E+02	-1.71E-02	-1.74E-01
1.09E+02	-9.30E+01	1.57E+02	-2.32E-02	-1.77E-01
1.09E+02	-9.30E+01	1.57E+02	-4.15E-02	-1.88E-01
1.09E+02	-9.30E+01	1.56E+02	-3.66E-02	-1.82E-01
1.09E+02	-9.30E+01	1.56E+02	-1.95E-02	-1.82E-01
1.09E+02	-9.30E+01	1.56E+02	-1.34E-02	-1.88E-01
1.09E+02	-9.30E+01	1.55E+02	-1.59E-02	-1.83E-01
1.09E+02	-9.30E+01	1.55E+02	-4.88E-03	-1.72E-01
1.09E+02	-9.30E+01	1.54E+02	-1.22E-03	-1.74E-01
1.09E+02	-9.30E+01	1.54E+02	0.00E+00	-1.86E-01
1.09E+02	-9.30E+01	1.54E+02	-1.22E-02	-1.73E-01
1.09E+02	-9.30E+01	1.54E+02	-9.77E-03	-1.55E-01

1.09E+02	-9.30E+01	1.54E+02	-7.32E-03	-1.52E-01
1.09E+02	-9.30E+01	1.54E+02	-1.71E-02	-1.55E-01
1.09E+02	-9.30E+01	1.54E+02	-3.66E-02	-1.43E-01
1.09E+02	-9.30E+01	1.54E+02	-1.71E-02	-1.48E-01
1.09E+02	-9.30E+01	1.53E+02	-2.20E-02	-1.61E-01
1.09E+02	-9.30E+01	1.53E+02	-3.05E-02	-1.65E-01
1.09E+02	-9.30E+01	1.53E+02	-3.66E-02	-1.63E-01
1.09E+02	-9.30E+01	1.53E+02	0.00E+00	-1.54E-01
1.09E+02	-9.30E+01	1.53E+02	6.10E-03	-1.40E-01
1.09E+02	-9.30E+01	1.53E+02	-9.77E-03	-1.48E-01
1.09E+02	-9.30E+01	1.53E+02	2.44E-03	-1.36E-01
1.09E+02	-9.30E+01	1.53E+02	2.44E-03	-1.40E-01
1.09E+02	-9.30E+01	1.53E+02	-1.46E-02	-1.39E-01
1.09E+02	-9.30E+01	1.53E+02	-3.66E-02	-1.34E-01
1.09E+02	-9.30E+01	1.52E+02	-2.93E-02	-1.40E-01
1.09E+02	-9.30E+01	1.52E+02	-2.20E-02	-1.48E-01
1.09E+02	-9.30E+01	1.52E+02	-5.62E-02	-1.49E-01
1.09E+02	-9.30E+01	1.51E+02	0.00E+00	-1.43E-01
1.09E+02	-9.30E+01	1.50E+02	4.88E-03	-1.31E-01
1.09E+02	-9.30E+01	1.48E+02	-1.10E-02	-1.29E-01
1.09E+02	-9.30E+01	1.48E+02	-7.32E-03	-1.19E-01
1.09E+02	-9.30E+01	1.47E+02	0.00E+00	-1.06E-01
1.09E+02	-9.30E+01	1.46E+02	-2.93E-02	-1.22E-01
1.09E+02	-9.30E+01	1.45E+02	-3.91E-02	-1.26E-01
1.09E+02	-9.30E+01	1.45E+02	-2.44E-02	-1.32E-01
1.09E+02	-9.30E+01	1.44E+02	-2.44E-02	-1.34E-01
1.09E+02	-9.30E+01	1.44E+02	-1.34E-02	-1.15E-01
1.09E+02	-9.30E+01	1.43E+02	1.10E-02	-1.12E-01
1.09E+02	-9.30E+01	1.43E+02	4.88E-03	-1.11E-01
1.09E+02	-9.30E+01	1.43E+02	2.44E-03	-1.10E-01
1.09E+02	-9.30E+01	1.42E+02	-4.88E-03	-1.06E-01
1.09E+02	-9.30E+01	1.42E+02	-1.10E-02	-1.01E-01
1.09E+02	-9.30E+01	1.42E+02	-7.32E-03	-1.18E-01
1.09E+02	-9.30E+01	1.43E+02	-2.20E-02	-1.02E-01
1.09E+02	-9.30E+01	1.44E+02	4.88E-03	-1.01E-01
1.09E+02	-9.30E+01	1.44E+02	1.22E-03	-9.42E-02
1.09E+02	-9.30E+01	1.45E+02	-2.56E-02	-1.06E-01
1.09E+02	-9.30E+01	1.46E+02	-3.54E-02	-1.11E-01
1.09E+02	-9.30E+01	1.48E+02	-4.15E-02	-1.09E-01
1.10E+02	-9.30E+01	1.49E+02	3.66E-03	-8.70E-02
1.10E+02	-9.30E+01	1.51E+02	-2.20E-02	-1.01E-01
1.10E+02	-9.30E+01	1.52E+02	-7.32E-03	-8.57E-02
1.10E+02	-9.30E+01	1.52E+02	-1.46E-02	-8.27E-02
1.10E+02	-9.30E+01	1.52E+02	-7.32E-03	-9.16E-02
1.10E+02	-9.30E+01	1.53E+02	-1.34E-02	-8.40E-02
1.10E+02	-9.30E+01	1.53E+02	-3.17E-02	-8.23E-02
1.10E+02	-9.30E+01	1.53E+02	-2.08E-02	-7.89E-02

1.10E+02	-9.30E+01	1.53E+02	9.77E-03	-7.98E-02
1.10E+02	-9.30E+01	1.53E+02	-7.32E-03	-7.72E-02
1.10E+02	-9.30E+01	1.53E+02	-3.91E-02	-7.93E-02
1.10E+02	-9.30E+01	1.54E+02	-3.66E-02	-8.23E-02
1.10E+02	-9.30E+01	1.54E+02	-9.77E-03	-7.89E-02
1.10E+02	-9.30E+01	1.53E+02	-3.17E-02	-8.57E-02
1.10E+02	-9.30E+01	1.53E+02	-2.69E-02	-7.13E-02
1.10E+02	-9.30E+01	1.53E+02	-3.42E-02	-7.81E-02
1.10E+02	-9.30E+01	1.53E+02	-1.46E-02	-7.89E-02
1.10E+02	-9.30E+01	1.52E+02	-2.20E-02	-7.21E-02
1.10E+02	-9.30E+01	1.50E+02	-9.77E-03	-6.92E-02
1.10E+02	-9.30E+01	1.48E+02	1.22E-02	-4.50E-02
1.10E+02	-9.30E+01	1.47E+02	-2.44E-03	-5.85E-02
1.10E+02	-9.30E+01	1.47E+02	-1.46E-02	-5.39E-02
1.10E+02	-9.30E+01	1.46E+02	-1.22E-03	-4.92E-02
1.10E+02	-9.30E+01	1.45E+02	-1.71E-02	-5.85E-02
1.10E+02	-9.30E+01	1.37E+02	-3.17E-02	-5.35E-02
1.10E+02	-9.30E+01	1.27E+02	-2.08E-02	-5.94E-02
1.10E+02	-9.30E+01	1.16E+02	0.00E+00	-5.18E-02
1.10E+02	-9.30E+01	1.04E+02	-1.71E-02	-4.24E-02
1.10E+02	-9.30E+01	9.31E+01	-8.54E-03	-3.90E-02
1.10E+02	-9.30E+01	8.30E+01	-1.71E-02	-3.73E-02
1.10E+02	-9.30E+01	7.27E+01	-3.54E-02	-3.44E-02
1.10E+02	-9.30E+01	6.17E+01	-3.91E-02	-3.61E-02
1.10E+02	-9.30E+01	5.14E+01	-3.30E-02	-5.26E-02
1.10E+02	-9.30E+01	4.14E+01	-1.95E-02	-3.90E-02
1.10E+02	-9.30E+01	3.15E+01	-1.71E-02	-2.55E-02
1.10E+02	-9.30E+01	2.16E+01	-3.66E-03	-2.21E-02
1.10E+02	-9.30E+01	1.25E+01	-2.44E-03	-1.78E-02
1.10E+02	-9.30E+01	5.02E+00	-1.22E-02	-8.56E-04
1.10E+02	-9.30E+01	1.25E+00	-2.20E-02	-1.36E-02
1.10E+02	-9.30E+01	7.58E-01	-1.71E-02	-1.23E-02
1.10E+02	-9.30E+01	6.36E-01	-4.88E-02	-2.12E-02
1.10E+02	-9.30E+01	5.46E-02	-3.91E-02	-2.93E-02
1.10E+02	-9.30E+01	-8.30E-02	-2.20E-02	-2.63E-02
1.10E+02	-9.30E+01	-3.43E-01	-1.95E-02	-2.46E-02
1.10E+02	-9.30E+01	-1.44E-01	-1.71E-02	-1.82E-02
1.10E+02	-9.30E+01	-5.24E-02	2.44E-03	-1.70E-03
1.10E+02	-9.30E+01	-2.51E-01	-6.10E-03	-1.44E-02
1.10E+02	-9.30E+01	-3.72E-02	-9.77E-03	-1.02E-02
1.10E+02	-9.30E+01	-2.66E-01	-1.34E-02	-4.25E-03
1.10E+02	-9.30E+01	-6.57E-03	-2.81E-02	-5.10E-03
1.11E+02	-9.30E+01	-5.26E-01	-2.44E-02	-4.25E-03
1.11E+02	-9.30E+01	-1.02E+00	-4.52E-02	-1.19E-02
1.11E+02	-9.30E+01	-1.34E+00	-3.30E-02	-1.44E-02
1.11E+02	-9.30E+01	-1.44E+00	-2.93E-02	-1.78E-02
1.11E+02	-9.30E+01	-1.84E+00	-1.95E-02	-3.18E-02

1.11E+02	-9.30E+01	-1.63E+00	-1.34E-02	-1.53E-02
1.11E+02	-9.30E+01	-1.35E+00	3.66E-03	-1.02E-02
1.11E+02	-9.30E+01	-1.26E+00	4.88E-03	-8.49E-03
1.11E+02	-9.30E+01	-1.03E+00	-4.88E-03	-1.36E-02
1.11E+02	-9.30E+01	-1.28E+00	-2.69E-02	-1.06E-02
1.11E+02	-9.30E+01	-1.26E+00	-2.69E-02	-2.21E-02
1.11E+02	-9.30E+01	-1.06E+00	-1.71E-02	-1.87E-02
1.11E+02	-9.30E+01	-1.20E+00	-1.59E-02	-1.95E-02
1.11E+02	-9.30E+01	-1.14E+00	-2.44E-03	-7.64E-03
1.11E+02	-9.30E+01	-1.26E+00	-4.88E-03	-2.04E-02
1.11E+02	-9.30E+01	-1.08E+00	-2.44E-03	-2.98E-03
1.11E+02	-9.30E+01	-4.96E-01	-1.71E-02	-2.55E-03
1.11E+02	-9.30E+01	-7.71E-01	-4.88E-03	-6.37E-03
1.11E+02	-9.30E+01	-8.02E-01	-2.93E-02	-9.34E-03
1.11E+02	-9.30E+01	-4.96E-01	-3.17E-02	-9.76E-03
1.11E+02	-9.30E+01	-8.63E-01	-2.69E-02	-1.70E-02
1.11E+02	-9.30E+01	-1.12E+00	-1.83E-02	-2.38E-02
1.11E+02	-9.30E+01	-7.56E-01	-3.54E-02	-2.04E-02
1.11E+02	-9.30E+01	-8.63E-01	-1.83E-02	-1.87E-02
1.11E+02	-9.30E+01	-3.43E-01	2.44E-03	-1.49E-02
1.11E+02	-9.30E+01	-7.40E-01	-1.46E-02	-1.27E-02
1.11E+02	-9.30E+01	-4.65E-01	-1.22E-03	4.16E-04
1.11E+02	-9.30E+01	-3.43E-01	3.66E-03	5.08E-03
1.11E+02	-9.30E+01	-6.18E-01	-1.71E-02	-5.95E-03
1.11E+02	-9.30E+01	-4.96E-01	-7.32E-03	-5.10E-03
1.11E+02	-9.30E+01	-4.04E-01	-2.69E-02	-1.10E-02
1.11E+02	-9.30E+01	-4.65E-01	-2.56E-02	-1.36E-02
1.11E+02	-9.30E+01	-6.18E-01	-2.93E-02	-2.89E-02
1.11E+02	-9.30E+01	-5.72E-01	-3.17E-02	-1.61E-02
1.11E+02	-9.30E+01	-5.26E-01	-3.17E-02	-1.87E-02
1.11E+02	-9.30E+01	-9.24E-01	1.22E-02	-2.63E-02
1.11E+02	-9.30E+01	-6.49E-01	1.22E-03	-8.07E-03
1.11E+02	-9.30E+01	-6.18E-01	-3.66E-03	-2.55E-03
1.11E+02	-9.30E+01	-3.12E-01	-7.32E-03	-9.34E-03
1.11E+02	-9.30E+01	-2.82E-01	-1.59E-02	-5.95E-03
1.11E+02	-9.30E+01	-1.29E-01	-2.93E-02	-5.95E-03
1.11E+02	-9.30E+01	-9.83E-02	-1.95E-02	-8.49E-03
1.11E+02	-9.30E+01	-2.05E-01	-2.20E-02	-1.19E-02

Current File	O:\Projects\914220~1\Data\UNITED~1\Ody1062.csv
Original File	C:\Data\9142OdysseyLiftGate\Ody1062.dx3
File descrip	9142 Honda Odyssey LiftGate liftgate - Esser
Project ID:	Project ID
File ID:	File ID
Test Date:	########
Test Time:	37:07.0
Current Da	########
Current Tin	8:53:38
Number of	4
Number of	5504
Independe	0.02
Independe	0
Independe	Sec

Time	Angle	Force	LiftgateMo	StrutCalDisplacement
Sec	Degrees	lbs	volts	inches
0.00E+00	-9.30E+01	1.83E-01	-3.42E-02	3.49E-03
2.00E-02	-9.30E+01	1.37E-01	-3.17E-02	6.46E-03
4.00E-02	-9.30E+01	2.75E-01	-1.71E-02	7.73E-03
6.00E-02	-9.30E+01	2.14E-01	-2.44E-02	9.28E-05
8.00E-02	-9.30E+01	2.75E-01	-1.95E-02	3.49E-03
1.00E-01	-9.30E+01	1.52E-01	-5.13E-02	-2.45E-03
1.20E-01	-9.30E+01	3.01E-02	-3.42E-02	1.79E-03
1.40E-01	-9.30E+01	1.07E-01	-3.42E-02	-2.03E-03
1.60E-01	-9.30E+01	-9.22E-02	-2.69E-02	-9.24E-03
1.80E-01	-9.30E+01	-3.10E-02	-3.66E-02	9.28E-05
2.00E-01	-9.30E+01	-3.10E-02	-3.05E-02	9.28E-05
2.20E-01	-9.30E+01	-3.10E-02	-2.08E-02	-3.73E-03
2.40E-01	-9.30E+01	1.48E-02	-1.95E-02	-9.66E-03
2.60E-01	-9.30E+01	-1.23E-01	-2.93E-02	-9.24E-03
2.80E-01	-9.30E+01	-5.81E-01	-3.17E-02	6.88E-03
3.00E-01	-9.30E+01	-1.53E-01	-1.46E-02	-7.56E-04
3.20E-01	-9.30E+01	-9.22E-02	-4.15E-02	-7.56E-04
3.40E-01	-9.30E+01	3.01E-02	-2.93E-02	-2.45E-03
3.60E-01	-9.30E+01	-2.91E-01	-2.08E-02	-7.54E-03
3.80E-01	-9.30E+01	-1.07E-01	-2.44E-02	-5.85E-03
4.00E-01	-9.30E+01	-6.16E-02	-2.44E-03	-3.30E-03
4.20E-01	-9.30E+01	-1.53E-01	4.88E-03	-4.15E-03
4.40E-01	-9.30E+01	-4.90E-01	-8.54E-03	9.00E-03
4.60E-01	-9.30E+01	1.22E-01	-4.88E-03	1.71E-02
4.80E-01	-9.30E+01	1.22E-01	9.77E-03	7.73E-03
5.00E-01	-9.30E+01	6.07E-02	-2.44E-03	9.43E-03
5.20E-01	-9.30E+01	1.83E-01	-4.88E-03	8.15E-03
5.40E-01	-9.30E+01	2.75E-01	-1.46E-02	1.20E-02
5.60E-01	-9.30E+01	2.29E-01	-1.46E-02	7.30E-03
5.80E-01	-9.30E+01	7.60E-02	-2.93E-02	4.33E-03
6.00E-01	-9.30E+01	9.13E-02	-3.91E-02	1.24E-02

6.20E-01	-9.30E+01	-4.59E-04	-3.17E-02	-2.88E-03
6.40E-01	-9.30E+01	-6.16E-02	-2.69E-02	-1.05E-02
6.60E-01	-9.30E+01	-1.23E-01	-1.46E-02	-1.09E-02
6.80E-01	-9.30E+01	-2.15E-01	-2.20E-02	9.41E-04
7.00E-01	-9.30E+01	-4.63E-02	2.44E-03	9.41E-04
7.20E-01	-9.30E+01	3.01E-02	7.32E-03	5.18E-03
7.40E-01	-9.30E+01	3.01E-02	-4.88E-03	6.03E-03
7.60E-01	-9.30E+01	2.29E-01	-1.46E-02	9.85E-03
7.80E-01	-9.30E+01	-4.63E-02	-1.46E-02	5.18E-03
8.00E-01	-9.30E+01	2.44E-01	-3.05E-02	7.73E-03
8.20E-01	-9.30E+01	-4.59E-04	-3.17E-02	-5.00E-03
8.40E-01	-9.30E+01	-3.10E-02	0.00E+00	-3.30E-03
8.60E-01	-9.30E+01	-1.07E-01	-2.08E-02	-1.52E-02
8.80E-01	-9.30E+01	-1.69E-01	-1.46E-02	-4.15E-03
9.00E-01	-9.30E+01	-9.22E-02	-9.77E-03	-3.30E-03
9.20E-01	-9.30E+01	-6.16E-02	4.88E-03	8.58E-03
9.40E-01	-9.30E+01	-3.67E-01	9.77E-03	-1.60E-03
9.60E-01	-9.30E+01	6.07E-02	-4.88E-03	9.28E-05
9.80E-01	-9.30E+01	3.01E-02	-3.66E-03	1.45E-02
1.00E+00	-9.30E+01	1.22E-01	-4.88E-03	1.11E-02
1.02E+00	-9.30E+01	9.13E-02	-2.44E-02	6.88E-03
1.04E+00	-9.30E+01	2.14E-01	-3.17E-02	8.58E-03
1.06E+00	-9.30E+01	1.22E-01	-2.44E-02	5.18E-03
1.08E+00	-9.30E+01	-1.38E-01	-2.69E-02	-1.14E-02
1.10E+00	-9.30E+01	-6.16E-02	-3.30E-02	-1.09E-02
1.12E+00	-9.30E+01	3.01E-02	-3.78E-02	-9.66E-03
1.14E+00	-9.30E+01	-1.57E-02	-1.22E-03	-5.00E-03
1.16E+00	-9.30E+01	-1.84E-01	-6.10E-03	-5.00E-03
1.18E+00	-9.30E+01	-6.16E-02	-2.44E-03	5.18E-03
1.20E+00	-9.30E+01	1.52E-01	0.00E+00	6.46E-03
1.22E+00	-9.30E+01	3.01E-02	2.44E-02	8.15E-03
1.24E+00	-9.30E+01	-4.74E-01	1.46E-02	1.07E-02
1.26E+00	-9.30E+01	-4.59E-04	-1.34E-02	4.76E-03
1.28E+00	-9.30E+01	2.44E-01	-1.46E-02	6.03E-03
1.30E+00	-9.30E+01	3.05E-01	-1.34E-02	1.24E-02
1.32E+00	-9.30E+01	2.14E-01	-1.71E-02	3.49E-03
1.34E+00	-9.30E+01	1.37E-01	-3.66E-02	3.49E-03
1.36E+00	-9.30E+01	3.01E-02	-3.66E-02	9.41E-04
1.38E+00	-9.30E+01	-1.57E-02	-3.66E-02	2.64E-03
1.40E+00	-9.30E+01	-2.76E-01	-2.20E-02	-9.24E-03
1.42E+00	-9.30E+01	-1.53E-01	-3.17E-02	-7.54E-03
1.44E+00	-9.30E+01	-6.16E-02	-4.88E-03	-2.45E-03
1.46E+00	-9.30E+01	-1.69E-01	6.10E-03	-3.30E-03
1.48E+00	-9.30E+01	-6.16E-02	-2.44E-03	6.46E-03
1.50E+00	-9.30E+01	2.14E-01	-3.66E-03	-4.57E-03
1.52E+00	-9.30E+01	3.66E-01	-4.15E-02	7.73E-03
1.54E+00	-9.30E+01	1.83E-01	-7.32E-03	4.76E-03

1.56E+00	-9.30E+01	1.68E-01	-2.81E-02	2.21E-03
1.58E+00	-9.30E+01	2.14E-01	-1.71E-02	7.73E-03
1.60E+00	-9.30E+01	2.59E-01	-1.95E-02	8.58E-03
1.62E+00	-9.30E+01	6.07E-02	-1.83E-02	6.03E-03
1.64E+00	-9.30E+01	1.52E-01	-6.35E-02	1.79E-03
1.66E+00	-9.30E+01	-1.53E-01	-2.93E-02	1.37E-03
1.68E+00	-9.30E+01	-9.22E-02	-7.32E-03	-7.54E-03
1.70E+00	-9.30E+01	-3.22E-01	-1.59E-02	-4.15E-03
1.72E+00	-9.30E+01	-6.16E-02	-9.77E-03	3.49E-03
1.74E+00	-9.30E+01	-3.10E-02	0.00E+00	4.33E-03
1.76E+00	-9.30E+01	3.01E-02	-1.71E-02	2.13E-02
1.78E+00	-9.30E+01	3.21E-01	-6.59E-02	1.20E-02
1.80E+00	-9.30E+01	-3.10E-02	-2.69E-02	1.03E-02
1.82E+00	-9.30E+01	-3.06E-01	-3.17E-02	-6.69E-03
1.84E+00	-9.30E+01	-1.53E-01	-2.20E-02	-8.39E-03
1.86E+00	-9.30E+01	-6.16E-02	-1.22E-03	-2.45E-03
1.88E+00	-9.30E+01	-9.22E-02	6.10E-03	-4.15E-03
1.90E+00	-9.30E+01	-1.53E-01	2.69E-02	9.28E-05
1.92E+00	-9.30E+01	3.66E-01	-4.88E-03	8.58E-03
1.94E+00	-9.30E+01	3.36E-01	4.88E-03	1.11E-02
1.96E+00	-9.30E+01	1.83E-01	-1.22E-02	9.41E-04
1.98E+00	-9.30E+01	1.83E-01	-1.95E-02	7.73E-03
2.00E+00	-9.30E+01	2.14E-01	-1.71E-02	9.43E-03
2.02E+00	-9.30E+01	1.22E-01	-2.20E-02	2.05E-02
2.04E+00	-9.30E+01	-2.15E-01	-1.46E-02	2.64E-03
2.06E+00	-9.30E+01	9.13E-02	-4.88E-02	-7.56E-04
2.08E+00	-9.30E+01	2.14E-01	-2.44E-02	-3.30E-03
2.10E+00	-9.30E+01	-9.22E-02	-1.46E-02	-1.05E-02
2.12E+00	-9.30E+01	-1.84E-01	-2.20E-02	-1.18E-02
2.14E+00	-9.30E+01	-3.37E-01	-1.95E-02	-6.69E-03
2.16E+00	-9.30E+01	-1.53E-01	2.20E-02	-2.45E-03
2.18E+00	-9.30E+01	-4.59E-04	4.88E-03	-4.15E-03
2.20E+00	-9.30E+01	-4.59E-04	-2.44E-03	-2.45E-03
2.22E+00	-9.30E+01	2.75E-01	0.00E+00	1.37E-02
2.24E+00	-9.30E+01	5.19E-01	-4.88E-03	1.03E-02
2.26E+00	-9.30E+01	1.52E-01	-1.71E-02	5.18E-03
2.28E+00	-9.30E+01	6.07E-02	-4.03E-02	1.54E-02
2.30E+00	-9.30E+01	3.21E-01	-4.88E-02	9.28E-05
2.32E+00	-9.30E+01	-1.23E-01	-1.71E-02	-7.54E-03
2.34E+00	-9.30E+01	-4.29E-01	-2.93E-02	-1.01E-02
2.36E+00	-9.30E+01	-9.22E-02	-2.20E-02	-5.85E-03
2.38E+00	-9.30E+01	-1.53E-01	-4.88E-03	-5.00E-03
2.40E+00	-9.30E+01	-4.59E-04	1.22E-03	9.41E-04
2.42E+00	-9.30E+01	6.07E-02	-9.77E-03	1.54E-02
2.44E+00	-9.30E+01	3.51E-01	-1.71E-02	7.30E-03
2.46E+00	-9.30E+01	3.05E-01	-2.08E-02	6.88E-03
2.48E+00	-9.30E+01	9.13E-02	-3.42E-02	4.33E-03

2.50E+00	-9.30E+01	-5.81E-01	-4.03E-02	1.79E-03
2.52E+00	-9.30E+01	-3.22E-01	-2.69E-02	-6.69E-03
2.54E+00	-9.30E+01	4.58E-01	-2.20E-02	-1.35E-02
2.56E+00	-9.30E+01	-3.06E-01	-1.34E-02	-1.35E-02
2.58E+00	-9.30E+01	3.01E-02	-7.32E-03	-1.26E-02
2.60E+00	-9.30E+01	-9.22E-02	4.88E-03	-4.15E-03
2.62E+00	-9.30E+01	-2.91E-01	-3.66E-03	-3.30E-03
2.64E+00	-9.30E+01	-1.07E-01	-4.88E-03	4.33E-03
2.66E+00	-9.30E+01	2.14E-01	-4.15E-02	7.30E-03
2.68E+00	-9.30E+01	3.05E-01	-1.34E-02	1.11E-02
2.70E+00	-9.30E+01	2.75E-01	-4.15E-02	-3.31E-04
2.72E+00	-9.30E+01	9.13E-02	-3.42E-02	1.37E-03
2.74E+00	-9.30E+01	-2.15E-01	-2.44E-02	-9.24E-03
2.76E+00	-9.30E+01	9.13E-02	-2.44E-02	-7.97E-03
2.78E+00	-9.30E+01	-2.15E-01	-6.10E-03	-2.45E-03
2.80E+00	-9.30E+01	-1.23E-01	4.88E-03	5.18E-03
2.82E+00	-9.30E+01	9.13E-02	2.44E-03	6.03E-03
2.84E+00	-9.30E+01	9.13E-02	-1.22E-02	9.43E-03
2.86E+00	-9.30E+01	1.83E-01	-1.83E-02	7.73E-03
2.88E+00	-9.30E+01	6.07E-02	-5.49E-02	2.30E-02
2.90E+00	-9.30E+01	-6.16E-02	-5.62E-02	3.49E-03
2.92E+00	-9.30E+01	1.83E-01	-3.91E-02	9.41E-04
2.94E+00	-9.30E+01	-1.07E-01	-2.20E-02	-1.22E-02
2.96E+00	-9.30E+01	-2.60E-01	-1.83E-02	-1.18E-02
2.98E+00	-9.30E+01	-2.15E-01	-2.20E-02	-2.88E-03
3.00E+00	-9.30E+01	7.60E-02	-3.66E-03	1.20E-02
3.02E+00	-9.30E+01	-1.57E-02	9.77E-03	-1.18E-03
3.04E+00	-9.30E+01	2.44E-01	7.32E-03	2.64E-03
3.06E+00	-9.30E+01	3.66E-01	-9.77E-03	8.58E-03
3.08E+00	-9.30E+01	1.98E-01	-1.46E-02	9.00E-03
3.10E+00	-9.30E+01	1.52E-01	-2.44E-02	5.61E-03
3.12E+00	-9.30E+01	4.28E-01	-4.15E-02	-7.56E-04
3.14E+00	-9.30E+01	-3.10E-02	-3.17E-02	9.41E-04
3.16E+00	-9.30E+01	-9.22E-02	-1.71E-02	-1.65E-02
3.18E+00	-9.30E+01	-2.45E-01	-8.54E-03	-3.30E-03
3.20E+00	-9.30E+01	-1.53E-01	-1.46E-02	-2.45E-03
3.22E+00	-9.30E+01	7.60E-02	-2.44E-03	-2.03E-03
3.24E+00	-9.30E+01	-1.53E-01	7.32E-03	5.18E-03
3.26E+00	-9.30E+01	9.13E-02	-2.44E-03	1.37E-02
3.28E+00	-9.30E+01	2.29E-01	-1.95E-02	1.32E-02
3.30E+00	-9.30E+01	9.13E-02	-1.71E-02	6.03E-03
3.32E+00	-9.30E+01	1.52E-01	-3.78E-02	-3.31E-04
3.34E+00	-9.30E+01	3.01E-02	-1.95E-02	2.21E-03
3.36E+00	-9.30E+01	-3.10E-02	-1.22E-02	-5.85E-03
3.38E+00	-9.30E+01	-2.15E-01	4.88E-03	-7.54E-03
3.40E+00	-9.30E+01	-1.99E-01	-7.32E-03	5.17E-04
3.42E+00	-9.30E+01	9.13E-02	2.44E-03	9.41E-04

3.44E+00	-9.30E+01	7.60E-02	-1.46E-02	1.45E-02
3.46E+00	-9.30E+01	2.14E-01	1.71E-02	1.11E-02
3.48E+00	-9.30E+01	1.83E-01	-1.22E-02	7.73E-03
3.50E+00	-9.30E+01	-4.59E-04	-2.44E-02	9.28E-05
3.52E+00	-9.30E+01	-6.16E-02	-3.42E-02	-7.56E-04
3.54E+00	-9.30E+01	-4.59E-04	-2.93E-02	5.18E-03
3.56E+00	-9.30E+01	-3.10E-02	-1.95E-02	-3.30E-03
3.58E+00	-9.30E+01	-2.60E-01	-1.95E-02	-7.54E-03
3.60E+00	-9.30E+01	-2.15E-01	-1.59E-02	-2.45E-03
3.62E+00	-9.30E+01	-1.53E-01	-4.88E-03	-1.60E-03
3.64E+00	-9.30E+01	-1.23E-01	-1.71E-02	-2.03E-03
3.66E+00	-9.30E+01	3.01E-02	1.71E-02	-4.15E-03
3.68E+00	-9.30E+01	-9.22E-02	-1.95E-02	1.03E-02
3.70E+00	-9.30E+01	1.22E-01	-1.46E-02	6.46E-03
3.72E+00	-9.30E+01	6.07E-02	-7.32E-03	7.73E-03
3.74E+00	-9.30E+01	9.13E-02	-3.17E-02	4.76E-03
3.76E+00	-9.30E+01	-1.38E-01	-3.78E-02	1.28E-02
3.78E+00	-9.30E+01	-3.10E-02	-2.44E-02	9.28E-05
3.80E+00	-9.30E+01	-1.53E-01	-1.59E-02	-1.56E-02
3.82E+00	-9.30E+01	-1.84E-01	-7.32E-03	-5.00E-03
3.84E+00	-9.30E+01	-1.53E-01	0.00E+00	-1.18E-03
3.86E+00	-9.30E+01	-6.16E-02	3.66E-03	5.18E-03
3.88E+00	-9.30E+01	-6.16E-02	-4.64E-02	1.03E-02
3.90E+00	-9.30E+01	1.68E-01	2.44E-03	4.33E-03
3.92E+00	-9.30E+01	2.14E-01	-9.77E-03	5.18E-03
3.94E+00	-9.30E+01	1.07E-01	-2.93E-02	3.91E-03
3.96E+00	-9.30E+01	9.13E-02	-3.66E-02	-5.42E-03
3.98E+00	-9.30E+01	2.59E-01	-1.34E-02	-3.30E-03
4.00E+00	-9.30E+01	-4.29E-01	-1.46E-02	-1.18E-02
4.02E+00	-9.30E+01	-6.16E-02	-1.46E-02	-5.85E-03
4.04E+00	-9.30E+01	-1.53E-01	-1.22E-02	-2.03E-03
4.06E+00	-9.30E+01	-3.10E-02	1.22E-03	4.33E-03
4.08E+00	-9.30E+01	-7.69E-02	-1.59E-02	5.61E-03
4.10E+00	-9.30E+01	5.50E-01	-3.42E-02	7.73E-03
4.12E+00	-9.30E+01	-4.59E-04	-2.69E-02	-4.57E-03
4.14E+00	-9.30E+01	-4.59E-04	-3.17E-02	-6.69E-03
4.16E+00	-9.30E+01	-4.59E-04	-3.66E-03	9.41E-04
4.18E+00	-9.30E+01	-1.99E-01	-6.10E-03	3.49E-03
4.20E+00	-9.30E+01	5.04E-01	-3.17E-02	1.24E-02
4.22E+00	-9.30E+01	4.89E-01	-2.20E-02	-4.15E-03
4.24E+00	-9.30E+01	1.25E+00	-2.20E-02	-1.94E-02
4.26E+00	-9.30E+01	2.29E+00	-2.20E-02	-1.43E-02
4.28E+00	-9.30E+01	2.32E+00	-1.95E-02	-1.94E-02
4.30E+00	-9.30E+01	2.48E+00	-7.32E-03	-2.58E-02
4.32E+00	-9.30E+01	2.87E+00	-4.88E-03	-1.65E-02
4.34E+00	-9.30E+01	3.18E+00	-1.22E-02	-9.24E-03
4.36E+00	-9.30E+01	3.18E+00	-6.10E-03	-1.52E-02

4.38E+00	-9.30E+01	3.44E+00	-3.91E-02	-2.20E-02
4.40E+00	-9.30E+01	4.13E+00	-3.66E-02	-2.45E-02
4.42E+00	-9.30E+01	9.69E+00	-3.91E-02	-3.13E-02
4.44E+00	-9.30E+01	1.98E+01	-1.22E-02	-4.66E-02
4.46E+00	-9.30E+01	3.50E+01	-2.93E-02	-4.49E-02
4.48E+00	-9.30E+01	5.32E+01	-1.71E-02	-4.95E-02
4.50E+00	-9.30E+01	7.25E+01	-1.46E-02	-4.49E-02
4.52E+00	-9.30E+01	9.28E+01	1.71E-02	-5.55E-02
4.54E+00	-9.30E+01	1.14E+02	0.00E+00	-5.00E-02
4.56E+00	-9.30E+01	1.36E+02	-1.59E-02	-6.01E-02
4.58E+00	-9.30E+01	1.59E+02	-1.95E-02	-6.95E-02
4.60E+00	-9.30E+01	1.82E+02	-2.93E-02	-9.24E-02
4.62E+00	-9.30E+01	1.96E+02	-4.39E-02	-9.11E-02
4.64E+00	-9.30E+01	1.94E+02	-9.77E-03	-1.04E-01
4.66E+00	-9.30E+01	1.93E+02	-2.32E-02	-1.04E-01
4.68E+00	-9.30E+01	1.93E+02	-7.32E-03	-1.03E-01
4.70E+00	-9.30E+01	1.95E+02	-6.10E-03	-1.19E-01
4.72E+00	-9.30E+01	1.96E+02	1.46E-02	-1.14E-01
4.74E+00	-9.30E+01	1.96E+02	-3.66E-03	-1.12E-01
4.76E+00	-9.30E+01	1.97E+02	-9.77E-03	-1.10E-01
4.78E+00	-9.30E+01	1.97E+02	-4.88E-03	-1.16E-01
4.80E+00	-9.30E+01	1.98E+02	-1.10E-02	-1.40E-01
4.82E+00	-9.30E+01	1.98E+02	-2.93E-02	-1.39E-01
4.84E+00	-9.30E+01	1.99E+02	-1.83E-02	-1.40E-01
4.86E+00	-9.30E+01	1.99E+02	-2.44E-02	-1.56E-01
4.88E+00	-9.30E+01	1.99E+02	-2.08E-02	-1.59E-01
4.90E+00	-9.30E+01	2.00E+02	-2.93E-02	-1.62E-01
4.92E+00	-9.30E+01	2.00E+02	-3.66E-03	-1.57E-01
4.94E+00	-9.30E+01	2.01E+02	7.32E-03	-1.64E-01
4.96E+00	-9.30E+01	2.02E+02	-1.83E-02	-1.69E-01
4.98E+00	-9.30E+01	2.02E+02	-2.69E-02	-1.84E-01
5.00E+00	-9.30E+01	2.02E+02	-3.42E-02	-1.90E-01
5.02E+00	-9.30E+01	2.03E+02	-3.54E-02	-1.93E-01
5.04E+00	-9.30E+01	2.03E+02	-3.66E-03	-2.06E-01
5.06E+00	-9.30E+01	2.03E+02	-1.10E-02	-2.15E-01
5.08E+00	-9.30E+01	2.03E+02	-9.77E-03	-2.12E-01
5.10E+00	-9.30E+01	2.04E+02	1.10E-02	-2.19E-01
5.12E+00	-9.30E+01	2.04E+02	-9.77E-03	-2.30E-01
5.14E+00	-9.30E+01	2.04E+02	1.22E-03	-2.26E-01
5.16E+00	-9.30E+01	2.04E+02	-2.44E-02	-2.32E-01
5.18E+00	-9.30E+01	2.04E+02	-2.93E-02	-2.46E-01
5.20E+00	-9.30E+01	2.04E+02	-4.64E-02	-2.37E-01
5.22E+00	-9.30E+01	2.04E+02	-3.66E-02	-2.65E-01
5.24E+00	-9.30E+01	2.03E+02	-1.34E-02	-2.71E-01
5.26E+00	-9.30E+01	2.02E+02	-8.54E-03	-2.82E-01
5.28E+00	-9.30E+01	2.02E+02	-1.46E-02	-2.88E-01
5.30E+00	-9.30E+01	2.02E+02	-2.69E-02	-2.89E-01

5.32E+00	-9.30E+01	2.01E+02	1.34E-02	-2.92E-01
5.34E+00	-9.30E+01	2.01E+02	3.66E-03	-2.97E-01
5.36E+00	-9.30E+01	2.00E+02	-2.44E-02	-2.98E-01
5.38E+00	-9.30E+01	1.99E+02	-2.93E-02	-3.10E-01
5.40E+00	-9.30E+01	1.99E+02	-1.83E-02	-3.52E-01
5.42E+00	-9.30E+01	1.98E+02	-4.39E-02	-3.27E-01
5.44E+00	-9.30E+01	1.98E+02	-2.93E-02	-3.37E-01
5.46E+00	-9.30E+01	1.97E+02	2.44E-03	-3.44E-01
5.48E+00	-9.30E+01	1.97E+02	-8.54E-03	-3.44E-01
5.50E+00	-9.30E+01	1.97E+02	-2.44E-03	-3.34E-01
5.52E+00	-9.30E+01	1.96E+02	-4.88E-03	-3.50E-01
5.54E+00	-9.30E+01	1.96E+02	-1.46E-02	-3.60E-01
5.56E+00	-9.30E+01	1.95E+02	-3.54E-02	-3.70E-01
5.58E+00	-9.30E+01	1.95E+02	-3.17E-02	-3.81E-01
5.60E+00	-9.30E+01	1.95E+02	-2.44E-02	-4.06E-01
5.62E+00	-9.30E+01	1.94E+02	-1.22E-02	-3.97E-01
5.64E+00	-9.30E+01	1.94E+02	3.66E-03	-4.00E-01
5.66E+00	-9.30E+01	1.94E+02	-1.22E-03	-4.00E-01
5.68E+00	-9.30E+01	1.93E+02	-1.59E-02	-4.05E-01
5.70E+00	-9.30E+01	1.93E+02	-1.46E-02	-4.16E-01
5.72E+00	-9.30E+01	1.93E+02	-1.95E-02	-4.19E-01
5.74E+00	-9.30E+01	1.93E+02	-2.32E-02	-4.33E-01
5.76E+00	-9.30E+01	1.93E+02	-3.66E-02	-4.40E-01
5.78E+00	-9.30E+01	1.93E+02	-2.44E-02	-4.52E-01
5.80E+00	-9.30E+01	1.92E+02	-3.05E-02	-4.68E-01
5.82E+00	-9.30E+01	1.92E+02	-1.71E-02	-4.66E-01
5.84E+00	-9.30E+01	1.92E+02	-2.44E-03	-4.64E-01
5.86E+00	-9.30E+01	1.91E+02	4.88E-03	-4.71E-01
5.88E+00	-9.30E+01	1.91E+02	2.08E-02	-4.74E-01
5.90E+00	-9.30E+01	1.91E+02	-2.44E-02	-4.75E-01
5.92E+00	-9.30E+01	1.91E+02	-1.46E-02	-4.89E-01
5.94E+00	-9.30E+01	1.90E+02	-3.17E-02	-5.05E-01
5.96E+00	-9.30E+01	1.90E+02	-3.42E-02	-5.14E-01
5.98E+00	-9.30E+01	1.90E+02	1.71E-02	-5.30E-01
6.00E+00	-9.30E+01	1.89E+02	-8.54E-03	-5.38E-01
6.02E+00	-9.30E+01	1.89E+02	-7.32E-03	-5.34E-01
6.04E+00	-9.30E+01	1.89E+02	-4.88E-03	-5.33E-01
6.06E+00	-9.30E+01	1.89E+02	4.88E-03	-5.29E-01
6.08E+00	-9.30E+01	1.89E+02	1.83E-02	-5.49E-01
6.10E+00	-9.30E+01	1.89E+02	-1.59E-02	-5.40E-01
6.12E+00	-9.30E+01	1.89E+02	-1.22E-02	-5.51E-01
6.14E+00	-9.30E+01	1.89E+02	2.44E-03	-5.63E-01
6.16E+00	-9.30E+01	1.88E+02	-4.15E-02	-5.71E-01
6.18E+00	-9.30E+01	1.89E+02	-2.93E-02	-5.83E-01
6.20E+00	-9.30E+01	1.89E+02	-3.66E-02	-5.90E-01
6.22E+00	-9.30E+01	1.88E+02	-2.20E-02	-6.04E-01
6.24E+00	-9.30E+01	1.88E+02	-4.88E-03	-6.29E-01

6.26E+00	-9.30E+01	1.88E+02	4.88E-03	-6.09E-01
6.28E+00	-9.30E+01	1.88E+02	-2.44E-03	-6.13E-01
6.30E+00	-9.30E+01	1.88E+02	6.10E-03	-6.20E-01
6.32E+00	-9.30E+01	1.88E+02	-7.32E-03	-6.22E-01
6.34E+00	-9.30E+01	1.88E+02	4.88E-03	-6.16E-01
6.36E+00	-9.30E+01	1.88E+02	-1.95E-02	-6.38E-01
6.38E+00	-9.30E+01	1.88E+02	-3.17E-02	-6.45E-01
6.40E+00	-9.30E+01	1.88E+02	-3.05E-02	-6.60E-01
6.42E+00	-9.30E+01	1.88E+02	-1.95E-02	-6.71E-01
6.44E+00	-9.30E+01	1.87E+02	-2.44E-02	-6.78E-01
6.46E+00	-9.30E+01	1.88E+02	-1.46E-02	-6.79E-01
6.48E+00	-9.30E+01	1.88E+02	9.77E-03	-6.83E-01
6.50E+00	-9.30E+01	1.88E+02	-8.54E-03	-6.85E-01
6.52E+00	-9.30E+01	1.88E+02	-2.20E-02	-6.88E-01
6.54E+00	-9.30E+01	1.88E+02	-2.20E-02	-7.10E-01
6.56E+00	-9.30E+01	1.88E+02	-3.66E-02	-7.15E-01
6.58E+00	-9.30E+01	1.88E+02	-2.93E-02	-7.22E-01
6.60E+00	-9.30E+01	1.88E+02	-1.46E-02	-7.28E-01
6.62E+00	-9.30E+01	1.88E+02	-7.32E-03	-7.32E-01
6.64E+00	-9.30E+01	1.88E+02	7.32E-03	-7.30E-01
6.66E+00	-9.30E+01	1.88E+02	-2.20E-02	-7.35E-01
6.68E+00	-9.30E+01	1.88E+02	-2.20E-02	-7.44E-01
6.70E+00	-9.30E+01	1.88E+02	-3.66E-02	-7.50E-01
6.72E+00	-9.30E+01	1.88E+02	-1.46E-02	-7.63E-01
6.74E+00	-9.30E+01	1.88E+02	-2.44E-02	-7.83E-01
6.76E+00	-9.30E+01	1.88E+02	-2.93E-02	-7.90E-01
6.78E+00	-9.30E+01	1.88E+02	-1.95E-02	-7.90E-01
6.80E+00	-9.30E+01	1.88E+02	-4.88E-03	-7.88E-01
6.82E+00	-9.30E+01	1.88E+02	-2.44E-02	-8.03E-01
6.84E+00	-9.30E+01	1.88E+02	-4.88E-03	-8.02E-01
6.86E+00	-9.30E+01	1.88E+02	-7.32E-03	-8.01E-01
6.88E+00	-9.30E+01	1.88E+02	-1.34E-02	-8.08E-01
6.90E+00	-9.30E+01	1.88E+02	-1.95E-02	-8.15E-01
6.92E+00	-9.30E+01	1.88E+02	-3.42E-02	-8.26E-01
6.94E+00	-9.30E+01	1.88E+02	-3.05E-02	-8.40E-01
6.96E+00	-9.30E+01	1.88E+02	-2.20E-02	-8.55E-01
6.98E+00	-9.30E+01	1.88E+02	-3.91E-02	-8.52E-01
7.00E+00	-9.30E+01	1.88E+02	-1.46E-02	-8.55E-01
7.02E+00	-9.30E+01	1.88E+02	1.22E-02	-8.60E-01
7.04E+00	-9.30E+01	1.88E+02	-1.10E-02	-8.65E-01
7.06E+00	-9.30E+01	1.88E+02	-1.95E-02	-8.70E-01
7.08E+00	-9.30E+01	1.88E+02	-4.15E-02	-9.02E-01
7.10E+00	-9.30E+01	1.88E+02	-4.39E-02	-8.95E-01
7.12E+00	-9.30E+01	1.88E+02	-3.17E-02	-9.02E-01
7.14E+00	-9.30E+01	1.88E+02	-2.44E-03	-9.13E-01
7.16E+00	-9.30E+01	1.88E+02	-9.77E-03	-9.18E-01
7.18E+00	-9.30E+01	1.88E+02	-9.77E-03	-9.21E-01

7.20E+00	-9.30E+01	1.89E+02	-9.77E-03	-9.20E-01
7.22E+00	-9.30E+01	1.88E+02	-1.59E-02	-9.27E-01
7.24E+00	-9.30E+01	1.89E+02	-4.03E-02	-9.40E-01
7.26E+00	-9.30E+01	1.89E+02	-3.66E-02	-9.48E-01
7.28E+00	-9.30E+01	1.89E+02	-1.95E-02	-9.59E-01
7.30E+00	-9.30E+01	1.89E+02	-1.46E-02	-9.65E-01
7.32E+00	-9.30E+01	1.89E+02	-3.66E-03	-9.68E-01
7.34E+00	-9.30E+01	1.89E+02	1.22E-02	-9.55E-01
7.36E+00	-9.30E+01	1.89E+02	9.77E-03	-9.74E-01
7.38E+00	-9.30E+01	1.89E+02	-1.71E-02	-9.77E-01
7.40E+00	-9.30E+01	1.89E+02	-1.95E-02	-9.95E-01
7.42E+00	-9.30E+01	1.89E+02	-2.93E-02	-1.01E+00
7.44E+00	-9.30E+01	1.89E+02	-2.20E-02	-1.02E+00
7.46E+00	-9.30E+01	1.89E+02	-1.71E-02	-1.01E+00
7.48E+00	-9.30E+01	1.89E+02	-7.32E-03	-1.03E+00
7.50E+00	-9.30E+01	1.90E+02	-1.22E-02	-1.02E+00
7.52E+00	-9.30E+01	1.90E+02	-1.95E-02	-1.03E+00
7.54E+00	-9.30E+01	1.90E+02	-3.17E-02	-1.03E+00
7.56E+00	-9.30E+01	1.89E+02	-3.91E-02	-1.06E+00
7.58E+00	-9.30E+01	1.90E+02	-6.10E-03	-1.06E+00
7.60E+00	-9.30E+01	1.89E+02	-1.10E-02	-1.07E+00
7.62E+00	-9.30E+01	1.89E+02	-4.88E-03	-1.08E+00
7.64E+00	-9.30E+01	1.90E+02	9.77E-03	-1.07E+00
7.66E+00	-9.30E+01	1.90E+02	-1.46E-02	-1.08E+00
7.68E+00	-9.30E+01	1.90E+02	-3.78E-02	-1.09E+00
7.70E+00	-9.30E+01	1.89E+02	-2.93E-02	-1.10E+00
7.72E+00	-9.30E+01	1.89E+02	-1.71E-02	-1.12E+00
7.74E+00	-9.30E+01	1.89E+02	-1.34E-02	-1.12E+00
7.76E+00	-9.30E+01	1.90E+02	-9.77E-03	-1.12E+00
7.78E+00	-9.30E+01	1.89E+02	6.10E-03	-1.11E+00
7.80E+00	-9.30E+01	1.90E+02	-1.46E-02	-1.12E+00
7.82E+00	-9.30E+01	1.89E+02	4.88E-03	-1.13E+00
7.84E+00	-9.30E+01	1.90E+02	-1.46E-02	-1.14E+00
7.86E+00	-9.30E+01	1.90E+02	-1.83E-02	-1.15E+00
7.88E+00	-9.30E+01	1.90E+02	-3.91E-02	-1.17E+00
7.90E+00	-9.30E+01	1.89E+02	-1.95E-02	-1.16E+00
7.92E+00	-9.30E+01	1.89E+02	-1.46E-02	-1.18E+00
7.94E+00	-9.30E+01	1.89E+02	-9.77E-03	-1.18E+00
7.96E+00	-9.30E+01	1.90E+02	1.83E-02	-1.18E+00
7.98E+00	-9.30E+01	1.90E+02	1.22E-02	-1.19E+00
8.00E+00	-9.30E+01	1.90E+02	-1.95E-02	-1.19E+00
8.02E+00	-9.30E+01	1.90E+02	-2.44E-02	-1.20E+00
8.04E+00	-9.30E+01	1.90E+02	-2.20E-02	-1.22E+00
8.06E+00	-9.30E+01	1.90E+02	-1.34E-02	-1.22E+00
8.08E+00	-9.30E+01	1.90E+02	-1.95E-02	-1.23E+00
8.10E+00	-9.30E+01	1.90E+02	2.44E-03	-1.24E+00
8.12E+00	-9.30E+01	1.90E+02	2.44E-03	-1.24E+00

8.14E+00	-9.30E+01	1.90E+02	-5.13E-02	-1.24E+00
8.16E+00	-9.30E+01	1.90E+02	-8.54E-03	-1.25E+00
8.18E+00	-9.30E+01	1.90E+02	-4.03E-02	-1.26E+00
8.20E+00	-9.30E+01	1.90E+02	-3.17E-02	-1.27E+00
8.22E+00	-9.30E+01	1.90E+02	-1.46E-02	-1.29E+00
8.24E+00	-9.30E+01	1.89E+02	-2.69E-02	-1.28E+00
8.26E+00	-9.30E+01	1.90E+02	-7.32E-03	-1.29E+00
8.28E+00	-9.30E+01	1.90E+02	9.77E-03	-1.29E+00
8.30E+00	-9.30E+01	1.90E+02	4.88E-03	-1.30E+00
8.32E+00	-9.30E+01	1.90E+02	-6.10E-03	-1.31E+00
8.34E+00	-9.30E+01	1.90E+02	-1.10E-02	-1.30E+00
8.36E+00	-9.30E+01	1.90E+02	-2.20E-02	-1.32E+00
8.38E+00	-9.30E+01	1.90E+02	-3.17E-02	-1.34E+00
8.40E+00	-9.30E+01	1.89E+02	-1.22E-03	-1.34E+00
8.42E+00	-9.30E+01	1.89E+02	-1.22E-02	-1.35E+00
8.44E+00	-9.30E+01	1.89E+02	-2.44E-03	-1.36E+00
8.46E+00	-9.30E+01	1.89E+02	-2.44E-03	-1.36E+00
8.48E+00	-9.30E+01	1.90E+02	-2.44E-03	-1.36E+00
8.50E+00	-9.30E+01	1.90E+02	0.00E+00	-1.37E+00
8.52E+00	-9.30E+01	1.90E+02	-1.22E-02	-1.37E+00
8.54E+00	-9.30E+01	1.90E+02	-2.56E-02	-1.38E+00
8.56E+00	-9.30E+01	1.89E+02	-2.44E-02	-1.38E+00
8.58E+00	-9.30E+01	1.89E+02	-3.54E-02	-1.41E+00
8.60E+00	-9.30E+01	1.89E+02	-2.69E-02	-1.41E+00
8.62E+00	-9.30E+01	1.90E+02	2.44E-03	-1.41E+00
8.64E+00	-9.30E+01	1.90E+02	-9.77E-03	-1.42E+00
8.66E+00	-9.30E+01	1.90E+02	-3.54E-02	-1.41E+00
8.68E+00	-9.30E+01	1.90E+02	-2.44E-02	-1.42E+00
8.70E+00	-9.30E+01	1.90E+02	-2.56E-02	-1.44E+00
8.72E+00	-9.30E+01	1.90E+02	-3.66E-02	-1.45E+00
8.74E+00	-9.30E+01	1.90E+02	-2.81E-02	-1.46E+00
8.76E+00	-9.30E+01	1.90E+02	0.00E+00	-1.47E+00
8.78E+00	-9.30E+01	1.90E+02	-9.77E-03	-1.46E+00
8.80E+00	-9.30E+01	1.90E+02	-1.10E-02	-1.48E+00
8.82E+00	-9.30E+01	1.90E+02	-3.91E-02	-1.47E+00
8.84E+00	-9.30E+01	1.90E+02	-4.88E-02	-1.49E+00
8.86E+00	-9.30E+01	1.90E+02	-2.20E-02	-1.50E+00
8.88E+00	-9.30E+01	1.90E+02	-1.95E-02	-1.51E+00
8.90E+00	-9.30E+01	1.91E+02	-1.71E-02	-1.51E+00
8.92E+00	-9.30E+01	1.90E+02	2.44E-03	-1.52E+00
8.94E+00	-9.30E+01	1.91E+02	-1.22E-03	-1.52E+00
8.96E+00	-9.30E+01	1.91E+02	-1.95E-02	-1.52E+00
8.98E+00	-9.30E+01	1.91E+02	-4.39E-02	-1.53E+00
9.00E+00	-9.30E+01	1.90E+02	-5.13E-02	-1.54E+00
9.02E+00	-9.30E+01	1.91E+02	-4.39E-02	-1.55E+00
9.04E+00	-9.30E+01	1.90E+02	-2.08E-02	-1.56E+00
9.06E+00	-9.30E+01	1.90E+02	7.32E-03	-1.57E+00

9.08E+00	-9.30E+01	1.91E+02	-8.54E-03	-1.56E+00
9.10E+00	-9.30E+01	1.91E+02	-2.44E-03	-1.57E+00
9.12E+00	-9.30E+01	1.91E+02	-4.88E-03	-1.57E+00
9.14E+00	-9.30E+01	1.91E+02	-1.22E-02	-1.59E+00
9.16E+00	-9.30E+01	1.91E+02	-4.39E-02	-1.59E+00
9.18E+00	-9.30E+01	1.91E+02	-3.17E-02	-1.60E+00
9.20E+00	-9.30E+01	1.91E+02	-1.46E-02	-1.62E+00
9.22E+00	-9.30E+01	1.91E+02	-7.32E-03	-1.62E+00
9.24E+00	-9.30E+01	1.91E+02	2.44E-03	-1.62E+00
9.26E+00	-9.30E+01	1.91E+02	4.88E-03	-1.62E+00
9.28E+00	-9.30E+01	1.91E+02	-2.69E-02	-1.63E+00
9.30E+00	-9.30E+01	1.91E+02	-2.93E-02	-1.64E+00
9.32E+00	-9.30E+01	1.91E+02	-7.32E-03	-1.66E+00
9.34E+00	-9.30E+01	1.91E+02	-1.22E-02	-1.67E+00
9.36E+00	-9.30E+01	1.91E+02	7.32E-03	-1.67E+00
9.38E+00	-9.30E+01	1.91E+02	2.44E-03	-1.67E+00
9.40E+00	-9.30E+01	1.91E+02	-1.22E-02	-1.67E+00
9.42E+00	-9.30E+01	1.91E+02	-1.71E-02	-1.69E+00
9.44E+00	-9.30E+01	1.91E+02	-2.44E-02	-1.70E+00
9.46E+00	-9.30E+01	1.91E+02	-2.69E-02	-1.71E+00
9.48E+00	-9.30E+01	1.91E+02	2.44E-03	-1.72E+00
9.50E+00	-9.30E+01	1.91E+02	3.66E-02	-1.71E+00
9.52E+00	-9.30E+01	1.91E+02	-4.88E-03	-1.71E+00
9.54E+00	-9.30E+01	1.91E+02	-2.69E-02	-1.72E+00
9.56E+00	-9.30E+01	1.91E+02	-3.05E-02	-1.74E+00
9.58E+00	-9.30E+01	1.91E+02	-2.56E-02	-1.74E+00
9.60E+00	-9.30E+01	1.91E+02	3.66E-03	-1.75E+00
9.62E+00	-9.30E+01	1.92E+02	1.22E-03	-1.75E+00
9.64E+00	-9.30E+01	1.92E+02	-1.71E-02	-1.75E+00
9.66E+00	-9.30E+01	1.92E+02	-1.34E-02	-1.77E+00
9.68E+00	-9.30E+01	1.92E+02	-3.05E-02	-1.77E+00
9.70E+00	-9.30E+01	1.92E+02	0.00E+00	-1.79E+00
9.72E+00	-9.30E+01	1.92E+02	4.88E-03	-1.79E+00
9.74E+00	-9.30E+01	1.92E+02	-7.32E-03	-1.79E+00
9.76E+00	-9.30E+01	1.92E+02	-2.93E-02	-1.80E+00
9.78E+00	-9.30E+01	1.92E+02	-3.17E-02	-1.82E+00
9.80E+00	-9.30E+01	1.92E+02	-2.44E-02	-1.82E+00
9.82E+00	-9.30E+01	1.92E+02	2.44E-03	-1.83E+00
9.84E+00	-9.30E+01	1.92E+02	1.46E-02	-1.83E+00
9.86E+00	-9.30E+01	1.92E+02	-1.59E-02	-1.83E+00
9.88E+00	-9.30E+01	1.92E+02	-2.20E-02	-1.85E+00
9.90E+00	-9.30E+01	1.92E+02	-3.66E-02	-1.85E+00
9.92E+00	-9.30E+01	1.92E+02	-2.44E-02	-1.87E+00
9.94E+00	-9.30E+01	1.92E+02	-6.10E-03	-1.87E+00
9.96E+00	-9.30E+01	1.92E+02	-1.22E-02	-1.88E+00
9.98E+00	-9.30E+01	1.93E+02	-7.32E-03	-1.87E+00
1.00E+01	-9.30E+01	1.93E+02	-5.13E-02	-1.88E+00

1.00E+01	-9.30E+01	1.93E+02	-4.39E-02	-1.89E+00
1.00E+01	-9.30E+01	1.92E+02	-3.78E-02	-1.90E+00
1.01E+01	-9.30E+01	1.92E+02	-1.95E-02	-1.91E+00
1.01E+01	-9.30E+01	1.92E+02	-1.10E-02	-1.91E+00
1.01E+01	-9.30E+01	1.92E+02	-2.44E-03	-1.91E+00
1.01E+01	-9.30E+01	1.93E+02	-7.32E-03	-1.92E+00
1.01E+01	-9.30E+01	1.93E+02	-3.17E-02	-1.93E+00
1.02E+01	-9.30E+01	1.93E+02	-3.17E-02	-1.94E+00
1.02E+01	-9.30E+01	1.93E+02	-5.13E-02	-1.94E+00
1.02E+01	-9.30E+01	1.93E+02	-1.71E-02	-1.96E+00
1.02E+01	-9.30E+01	1.93E+02	-4.88E-03	-1.96E+00
1.02E+01	-9.30E+01	1.93E+02	2.44E-03	-1.96E+00
1.03E+01	-9.30E+01	1.93E+02	0.00E+00	-1.96E+00
1.03E+01	-9.30E+01	1.93E+02	-9.77E-03	-1.98E+00
1.03E+01	-9.30E+01	1.93E+02	-2.69E-02	-1.99E+00
1.03E+01	-9.30E+01	1.93E+02	-3.30E-02	-2.00E+00
1.03E+01	-9.30E+01	1.93E+02	-3.30E-02	-2.01E+00
1.04E+01	-9.30E+01	1.93E+02	4.88E-03	-2.01E+00
1.04E+01	-9.30E+01	1.93E+02	-2.44E-03	-2.01E+00
1.04E+01	-9.30E+01	1.93E+02	-1.22E-02	-2.02E+00
1.04E+01	-9.30E+01	1.93E+02	-2.32E-02	-2.01E+00
1.04E+01	-9.30E+01	1.93E+02	-1.46E-02	-2.03E+00
1.05E+01	-9.30E+01	1.93E+02	-3.91E-02	-2.04E+00
1.05E+01	-9.30E+01	1.93E+02	-5.62E-02	-2.05E+00
1.05E+01	-9.30E+01	1.93E+02	4.88E-03	-2.06E+00
1.05E+01	-9.30E+01	1.93E+02	7.32E-03	-2.06E+00
1.05E+01	-9.30E+01	1.93E+02	-4.88E-03	-2.07E+00
1.06E+01	-9.30E+01	1.93E+02	-1.83E-02	-2.07E+00
1.06E+01	-9.30E+01	1.93E+02	-2.93E-02	-2.07E+00
1.06E+01	-9.30E+01	1.93E+02	-2.69E-02	-2.09E+00
1.06E+01	-9.30E+01	1.93E+02	-2.20E-02	-2.10E+00
1.06E+01	-9.30E+01	1.93E+02	-3.42E-02	-2.12E+00
1.07E+01	-9.30E+01	1.93E+02	-3.78E-02	-2.11E+00
1.07E+01	-9.30E+01	1.93E+02	-1.34E-02	-2.13E+00
1.07E+01	-9.30E+01	1.93E+02	-9.77E-03	-2.13E+00
1.07E+01	-9.30E+01	1.93E+02	4.88E-03	-2.11E+00
1.07E+01	-9.30E+01	1.94E+02	-1.22E-02	-2.13E+00
1.08E+01	-9.30E+01	1.94E+02	-1.95E-02	-2.14E+00
1.08E+01	-9.30E+01	1.94E+02	-3.17E-02	-2.15E+00
1.08E+01	-9.30E+01	1.94E+02	-3.17E-02	-2.15E+00
1.08E+01	-9.30E+01	1.94E+02	-2.20E-02	-2.18E+00
1.08E+01	-9.30E+01	1.93E+02	-1.71E-02	-2.18E+00
1.09E+01	-9.30E+01	1.94E+02	-4.88E-03	-2.18E+00
1.09E+01	-9.30E+01	1.94E+02	0.00E+00	-2.18E+00
1.09E+01	-9.30E+01	1.94E+02	-1.22E-02	-2.19E+00
1.09E+01	-9.30E+01	1.94E+02	-2.69E-02	-2.19E+00
1.09E+01	-9.30E+01	1.94E+02	-2.81E-02	-2.21E+00

1.10E+01	-9.30E+01	1.94E+02	-1.59E-02	-2.22E+00
1.10E+01	-9.30E+01	1.94E+02	-1.22E-02	-2.22E+00
1.10E+01	-9.30E+01	1.94E+02	-1.22E-03	-2.22E+00
1.10E+01	-9.30E+01	1.94E+02	-2.69E-02	-2.22E+00
1.10E+01	-9.30E+01	1.94E+02	-4.39E-02	-2.23E+00
1.11E+01	-9.30E+01	1.94E+02	-1.71E-02	-2.26E+00
1.11E+01	-9.30E+01	1.94E+02	-3.91E-02	-2.26E+00
1.11E+01	-9.30E+01	1.94E+02	-2.44E-02	-2.27E+00
1.11E+01	-9.30E+01	1.94E+02	0.00E+00	-2.28E+00
1.11E+01	-9.30E+01	1.94E+02	-2.81E-02	-2.28E+00
1.12E+01	-9.30E+01	1.94E+02	-2.44E-03	-2.27E+00
1.12E+01	-9.30E+01	1.94E+02	-2.44E-03	-2.28E+00
1.12E+01	-9.30E+01	1.94E+02	-2.20E-02	-2.29E+00
1.12E+01	-9.30E+01	1.94E+02	-4.03E-02	-2.31E+00
1.12E+01	-9.30E+01	1.94E+02	-2.44E-02	-2.32E+00
1.13E+01	-9.30E+01	1.94E+02	-1.59E-02	-2.31E+00
1.13E+01	-9.30E+01	1.94E+02	-1.83E-02	-2.32E+00
1.13E+01	-9.30E+01	1.94E+02	-2.44E-03	-2.32E+00
1.13E+01	-9.30E+01	1.94E+02	-3.42E-02	-2.33E+00
1.13E+01	-9.30E+01	1.94E+02	-5.37E-02	-2.35E+00
1.14E+01	-9.30E+01	1.94E+02	-1.22E-02	-2.37E+00
1.14E+01	-9.30E+01	1.94E+02	-1.95E-02	-2.36E+00
1.14E+01	-9.30E+01	1.95E+02	0.00E+00	-2.36E+00
1.14E+01	-9.30E+01	1.94E+02	-1.71E-02	-2.37E+00
1.14E+01	-9.30E+01	1.95E+02	-4.39E-02	-2.37E+00
1.15E+01	-9.30E+01	1.95E+02	-2.44E-02	-2.39E+00
1.15E+01	-9.30E+01	1.95E+02	-2.44E-02	-2.40E+00
1.15E+01	-9.30E+01	1.95E+02	-1.71E-02	-2.40E+00
1.15E+01	-9.30E+01	1.94E+02	2.81E-02	-2.41E+00
1.15E+01	-9.30E+01	1.95E+02	-1.46E-02	-2.40E+00
1.16E+01	-9.30E+01	1.95E+02	-1.95E-02	-2.41E+00
1.16E+01	-9.30E+01	1.95E+02	-5.86E-02	-2.42E+00
1.16E+01	-9.30E+01	1.95E+02	-3.54E-02	-2.44E+00
1.16E+01	-9.30E+01	1.95E+02	-4.15E-02	-2.44E+00
1.16E+01	-9.30E+01	1.95E+02	-2.20E-02	-2.45E+00
1.17E+01	-9.30E+01	1.95E+02	5.25E-02	-2.46E+00
1.17E+01	-9.30E+01	1.95E+02	-1.46E-02	-2.46E+00
1.17E+01	-9.30E+01	1.96E+02	-4.88E-03	-2.46E+00
1.17E+01	-9.30E+01	1.96E+02	-6.10E-03	-2.47E+00
1.17E+01	-9.30E+01	1.96E+02	-2.69E-02	-2.48E+00
1.18E+01	-9.30E+01	1.96E+02	-4.88E-02	-2.49E+00
1.18E+01	-9.30E+01	1.95E+02	-2.20E-02	-2.51E+00
1.18E+01	-9.30E+01	1.96E+02	-9.77E-03	-2.51E+00
1.18E+01	-9.30E+01	1.96E+02	-4.88E-03	-2.51E+00
1.18E+01	-9.30E+01	1.96E+02	-7.32E-03	-2.51E+00
1.19E+01	-9.30E+01	1.96E+02	-3.30E-02	-2.52E+00
1.19E+01	-9.30E+01	1.96E+02	-3.66E-02	-2.55E+00

1.19E+01	-9.30E+01	1.96E+02	-1.95E-02	-2.55E+00
1.19E+01	-9.30E+01	1.96E+02	-9.77E-03	-2.55E+00
1.19E+01	-9.30E+01	1.96E+02	-4.88E-03	-2.55E+00
1.20E+01	-9.30E+01	1.96E+02	1.46E-02	-2.57E+00
1.20E+01	-9.30E+01	1.96E+02	-9.77E-03	-2.56E+00
1.20E+01	-9.30E+01	1.96E+02	-2.32E-02	-2.57E+00
1.20E+01	-9.30E+01	1.96E+02	-2.93E-02	-2.58E+00
1.20E+01	-9.30E+01	1.96E+02	-7.57E-02	-2.59E+00
1.21E+01	-9.30E+01	1.96E+02	-2.32E-02	-2.60E+00
1.21E+01	-9.30E+01	1.96E+02	-1.71E-02	-2.61E+00
1.21E+01	-9.30E+01	1.96E+02	-7.32E-03	-2.61E+00
1.21E+01	-9.30E+01	1.96E+02	-1.22E-03	-2.61E+00
1.21E+01	-9.30E+01	1.97E+02	1.22E-03	-2.61E+00
1.22E+01	-9.30E+01	1.97E+02	-1.46E-02	-2.62E+00
1.22E+01	-9.30E+01	1.96E+02	-3.66E-02	-2.63E+00
1.22E+01	-9.30E+01	1.96E+02	-3.42E-02	-2.65E+00
1.22E+01	-9.30E+01	1.96E+02	-1.95E-02	-2.66E+00
1.22E+01	-9.30E+01	1.97E+02	0.00E+00	-2.65E+00
1.23E+01	-9.30E+01	1.97E+02	0.00E+00	-2.65E+00
1.23E+01	-9.30E+01	1.97E+02	-3.42E-02	-2.65E+00
1.23E+01	-9.30E+01	1.97E+02	-4.52E-02	-2.68E+00
1.23E+01	-9.30E+01	1.97E+02	-3.17E-02	-2.68E+00
1.23E+01	-9.30E+01	1.96E+02	-4.27E-02	-2.70E+00
1.24E+01	-9.30E+01	1.97E+02	-2.44E-03	-2.69E+00
1.24E+01	-9.30E+01	1.96E+02	0.00E+00	-2.70E+00
1.24E+01	-9.30E+01	1.97E+02	-7.32E-03	-2.70E+00
1.24E+01	-9.30E+01	1.97E+02	-2.81E-02	-2.71E+00
1.24E+01	-9.30E+01	1.96E+02	-3.42E-02	-2.73E+00
1.25E+01	-9.30E+01	1.96E+02	-2.20E-02	-2.74E+00
1.25E+01	-9.30E+01	1.96E+02	-4.88E-03	-2.74E+00
1.25E+01	-9.30E+01	1.96E+02	2.44E-03	-2.74E+00
1.25E+01	-9.30E+01	1.96E+02	-2.69E-02	-2.75E+00
1.25E+01	-9.30E+01	1.96E+02	-2.32E-02	-2.76E+00
1.26E+01	-9.30E+01	1.96E+02	-2.56E-02	-2.78E+00
1.26E+01	-9.30E+01	1.96E+02	-2.08E-02	-2.76E+00
1.26E+01	-9.30E+01	1.96E+02	-7.32E-03	-2.78E+00
1.26E+01	-9.30E+01	1.96E+02	6.10E-03	-2.78E+00
1.26E+01	-9.30E+01	1.96E+02	-2.44E-03	-2.79E+00
1.27E+01	-9.30E+01	1.96E+02	-4.39E-02	-2.79E+00
1.27E+01	-9.30E+01	1.96E+02	-3.54E-02	-2.81E+00
1.27E+01	-9.30E+01	1.96E+02	-2.93E-02	-2.82E+00
1.27E+01	-9.30E+01	1.96E+02	-2.69E-02	-2.83E+00
1.27E+01	-9.30E+01	1.96E+02	8.54E-03	-2.82E+00
1.28E+01	-9.30E+01	1.96E+02	-1.95E-02	-2.82E+00
1.28E+01	-9.30E+01	1.96E+02	-1.95E-02	-2.83E+00
1.28E+01	-9.30E+01	1.96E+02	-2.93E-02	-2.85E+00
1.28E+01	-9.30E+01	1.96E+02	-2.20E-02	-2.86E+00

1.28E+01	-9.30E+01	1.96E+02	-6.10E-03	-2.86E+00
1.29E+01	-9.30E+01	1.96E+02	-2.44E-03	-2.87E+00
1.29E+01	-9.30E+01	1.96E+02	-6.10E-03	-2.86E+00
1.29E+01	-9.30E+01	1.96E+02	-1.95E-02	-2.87E+00
1.29E+01	-9.30E+01	1.96E+02	-2.69E-02	-2.89E+00
1.29E+01	-9.30E+01	1.96E+02	-3.91E-02	-2.90E+00
1.30E+01	-9.30E+01	1.96E+02	-1.83E-02	-2.89E+00
1.30E+01	-9.30E+01	1.96E+02	-1.83E-02	-2.92E+00
1.30E+01	-9.30E+01	1.96E+02	-1.22E-02	-2.91E+00
1.30E+01	-9.30E+01	1.96E+02	-1.22E-03	-2.93E+00
1.30E+01	-9.30E+01	1.96E+02	-2.32E-02	-2.92E+00
1.31E+01	-9.30E+01	1.96E+02	-3.17E-02	-2.92E+00
1.31E+01	-9.30E+01	1.96E+02	-2.81E-02	-2.94E+00
1.31E+01	-9.30E+01	1.96E+02	-1.22E-02	-2.96E+00
1.31E+01	-9.30E+01	1.96E+02	-1.95E-02	-2.97E+00
1.31E+01	-9.30E+01	1.96E+02	-1.71E-02	-2.97E+00
1.32E+01	-9.30E+01	1.96E+02	7.32E-03	-2.97E+00
1.32E+01	-9.30E+01	1.96E+02	-4.88E-03	-2.97E+00
1.32E+01	-9.30E+01	1.97E+02	-7.32E-03	-2.98E+00
1.32E+01	-9.30E+01	1.97E+02	-2.93E-02	-2.99E+00
1.32E+01	-9.30E+01	1.97E+02	-3.66E-02	-3.00E+00
1.33E+01	-9.30E+01	1.97E+02	-4.15E-02	-3.01E+00
1.33E+01	-9.30E+01	1.97E+02	-1.59E-02	-3.02E+00
1.33E+01	-9.30E+01	1.97E+02	-7.32E-03	-3.03E+00
1.33E+01	-9.30E+01	1.97E+02	-7.32E-03	-3.02E+00
1.33E+01	-9.30E+01	1.97E+02	-1.34E-02	-3.02E+00
1.34E+01	-9.30E+01	1.97E+02	-3.30E-02	-3.04E+00
1.34E+01	-9.30E+01	1.97E+02	-3.91E-02	-3.05E+00
1.34E+01	-9.30E+01	1.97E+02	-2.44E-02	-3.07E+00
1.34E+01	-9.30E+01	1.97E+02	-3.66E-02	-3.08E+00
1.34E+01	-9.30E+01	1.97E+02	-7.32E-03	-3.06E+00
1.35E+01	-9.30E+01	1.97E+02	2.44E-03	-3.07E+00
1.35E+01	-9.30E+01	1.97E+02	-3.42E-02	-3.08E+00
1.35E+01	-9.30E+01	1.98E+02	-6.10E-03	-3.09E+00
1.35E+01	-9.30E+01	1.98E+02	-3.17E-02	-3.09E+00
1.35E+01	-9.30E+01	1.97E+02	-2.93E-02	-3.12E+00
1.36E+01	-9.30E+01	1.97E+02	-2.44E-02	-3.12E+00
1.36E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.13E+00
1.36E+01	-9.30E+01	1.97E+02	-2.44E-03	-3.12E+00
1.36E+01	-9.30E+01	1.98E+02	-9.77E-03	-3.13E+00
1.36E+01	-9.30E+01	1.98E+02	-7.32E-03	-3.13E+00
1.37E+01	-9.30E+01	1.98E+02	-1.71E-02	-3.14E+00
1.37E+01	-9.30E+01	1.98E+02	-3.17E-02	-3.15E+00
1.37E+01	-9.30E+01	1.97E+02	-3.91E-02	-3.16E+00
1.37E+01	-9.30E+01	1.98E+02	-2.44E-02	-3.18E+00
1.37E+01	-9.30E+01	1.98E+02	-2.93E-02	-3.19E+00
1.38E+01	-9.30E+01	1.97E+02	-1.95E-02	-3.19E+00

1.38E+01	-9.30E+01	1.98E+02	-2.44E-03	-3.20E+00
1.38E+01	-9.30E+01	1.98E+02	2.69E-02	-3.18E+00
1.38E+01	-9.30E+01	1.98E+02	-7.32E-03	-3.20E+00
1.38E+01	-9.30E+01	1.98E+02	-1.10E-02	-3.20E+00
1.39E+01	-9.30E+01	1.98E+02	-4.15E-02	-3.21E+00
1.39E+01	-9.30E+01	1.98E+02	-2.32E-02	-3.22E+00
1.39E+01	-9.30E+01	1.98E+02	-3.17E-02	-3.23E+00
1.39E+01	-9.30E+01	1.98E+02	-1.46E-02	-3.25E+00
1.39E+01	-9.30E+01	1.98E+02	-8.54E-03	-3.25E+00
1.40E+01	-9.30E+01	1.98E+02	-1.46E-02	-3.24E+00
1.40E+01	-9.30E+01	1.98E+02	9.77E-03	-3.25E+00
1.40E+01	-9.30E+01	1.98E+02	-1.83E-02	-3.26E+00
1.40E+01	-9.30E+01	1.98E+02	-3.05E-02	-3.26E+00
1.40E+01	-9.30E+01	1.98E+02	-2.20E-02	-3.27E+00
1.41E+01	-9.30E+01	1.98E+02	-2.20E-02	-3.29E+00
1.41E+01	-9.30E+01	1.98E+02	-3.17E-02	-3.30E+00
1.41E+01	-9.30E+01	1.98E+02	-2.81E-02	-3.31E+00
1.41E+01	-9.30E+01	1.98E+02	-7.32E-03	-3.31E+00
1.41E+01	-9.30E+01	1.98E+02	-4.88E-03	-3.31E+00
1.42E+01	-9.30E+01	1.98E+02	-9.77E-03	-3.30E+00
1.42E+01	-9.30E+01	1.98E+02	2.44E-03	-3.32E+00
1.42E+01	-9.30E+01	1.98E+02	-3.17E-02	-3.33E+00
1.42E+01	-9.30E+01	1.98E+02	-3.66E-02	-3.34E+00
1.42E+01	-9.30E+01	1.98E+02	-2.69E-02	-3.35E+00
1.43E+01	-9.30E+01	1.98E+02	-7.32E-03	-3.37E+00
1.43E+01	-9.30E+01	1.98E+02	-1.46E-02	-3.36E+00
1.43E+01	-9.30E+01	1.98E+02	0.00E+00	-3.36E+00
1.43E+01	-9.30E+01	1.98E+02	2.44E-03	-3.37E+00
1.43E+01	-9.30E+01	1.99E+02	-1.71E-02	-3.38E+00
1.44E+01	-9.30E+01	1.98E+02	-2.20E-02	-3.38E+00
1.44E+01	-9.30E+01	1.98E+02	-3.42E-02	-3.40E+00
1.44E+01	-9.30E+01	1.98E+02	-3.30E-02	-3.42E+00
1.44E+01	-9.30E+01	1.98E+02	-7.32E-03	-3.41E+00
1.44E+01	-9.30E+01	1.98E+02	3.66E-03	-3.42E+00
1.45E+01	-9.30E+01	1.99E+02	-7.32E-03	-3.42E+00
1.45E+01	-9.30E+01	1.99E+02	-4.88E-03	-3.42E+00
1.45E+01	-9.30E+01	1.98E+02	-1.95E-02	-3.43E+00
1.45E+01	-9.30E+01	1.98E+02	-2.20E-02	-3.44E+00
1.45E+01	-9.30E+01	1.99E+02	-3.91E-02	-3.45E+00
1.46E+01	-9.30E+01	1.98E+02	-4.15E-02	-3.47E+00
1.46E+01	-9.30E+01	1.98E+02	-7.32E-03	-3.47E+00
1.46E+01	-9.30E+01	1.98E+02	0.00E+00	-3.47E+00
1.46E+01	-9.30E+01	1.98E+02	1.71E-02	-3.47E+00
1.46E+01	-9.30E+01	1.99E+02	1.22E-02	-3.49E+00
1.47E+01	-9.30E+01	1.98E+02	-2.08E-02	-3.49E+00
1.47E+01	-9.30E+01	1.98E+02	-3.17E-02	-3.50E+00
1.47E+01	-9.30E+01	1.99E+02	-4.88E-02	-3.51E+00

1.47E+01	-9.30E+01	1.98E+02	-4.27E-02	-3.52E+00
1.47E+01	-9.30E+01	1.98E+02	-1.83E-02	-3.53E+00
1.48E+01	-9.30E+01	1.98E+02	0.00E+00	-3.53E+00
1.48E+01	-9.30E+01	1.98E+02	-1.22E-02	-3.53E+00
1.48E+01	-9.30E+01	1.98E+02	-4.39E-02	-3.54E+00
1.48E+01	-9.30E+01	1.98E+02	-2.69E-02	-3.56E+00
1.48E+01	-9.30E+01	1.98E+02	-1.34E-02	-3.56E+00
1.49E+01	-9.30E+01	1.98E+02	-4.88E-03	-3.55E+00
1.49E+01	-9.30E+01	1.98E+02	-1.71E-02	-3.56E+00
1.49E+01	-9.30E+01	1.98E+02	-1.46E-02	-3.56E+00
1.49E+01	-9.30E+01	1.98E+02	-1.95E-02	-3.58E+00
1.49E+01	-9.30E+01	1.98E+02	-3.78E-02	-3.59E+00
1.50E+01	-9.30E+01	1.98E+02	-2.69E-02	-3.60E+00
1.50E+01	-9.30E+01	1.98E+02	0.00E+00	-3.61E+00
1.50E+01	-9.30E+01	1.98E+02	-8.54E-03	-3.60E+00
1.50E+01	-9.30E+01	1.98E+02	-1.46E-02	-3.61E+00
1.50E+01	-9.30E+01	1.98E+02	-1.22E-02	-3.62E+00
1.51E+01	-9.30E+01	1.98E+02	-3.17E-02	-3.63E+00
1.51E+01	-9.30E+01	1.98E+02	-4.39E-02	-3.64E+00
1.51E+01	-9.30E+01	1.98E+02	-2.08E-02	-3.66E+00
1.51E+01	-9.30E+01	1.98E+02	-1.22E-02	-3.66E+00
1.51E+01	-9.30E+01	1.98E+02	2.20E-02	-3.65E+00
1.52E+01	-9.30E+01	1.98E+02	2.32E-02	-3.66E+00
1.52E+01	-9.30E+01	1.98E+02	-2.44E-02	-3.66E+00
1.52E+01	-9.30E+01	1.98E+02	-3.05E-02	-3.67E+00
1.52E+01	-9.30E+01	1.98E+02	-3.66E-02	-3.68E+00
1.52E+01	-9.30E+01	1.98E+02	-1.83E-02	-3.71E+00
1.53E+01	-9.30E+01	1.98E+02	-1.95E-02	-3.71E+00
1.53E+01	-9.30E+01	1.98E+02	-1.34E-02	-3.71E+00
1.53E+01	-9.30E+01	1.98E+02	1.95E-02	-3.72E+00
1.53E+01	-9.30E+01	1.98E+02	9.77E-03	-3.72E+00
1.53E+01	-9.30E+01	1.98E+02	-8.54E-03	-3.72E+00
1.54E+01	-9.30E+01	1.99E+02	-2.32E-02	-3.74E+00
1.54E+01	-9.30E+01	1.98E+02	-4.03E-02	-3.74E+00
1.54E+01	-9.30E+01	1.98E+02	-2.44E-02	-3.76E+00
1.54E+01	-9.30E+01	1.98E+02	-1.22E-02	-3.77E+00
1.54E+01	-9.30E+01	1.98E+02	-7.32E-03	-3.76E+00
1.55E+01	-9.30E+01	1.98E+02	-1.46E-02	-3.76E+00
1.55E+01	-9.30E+01	1.98E+02	2.44E-03	-3.77E+00
1.55E+01	-9.30E+01	1.98E+02	-9.77E-03	-3.78E+00
1.55E+01	-9.30E+01	1.98E+02	-2.56E-02	-3.80E+00
1.55E+01	-9.30E+01	1.98E+02	-2.93E-02	-3.80E+00
1.56E+01	-9.30E+01	1.98E+02	-1.95E-02	-3.82E+00
1.56E+01	-9.30E+01	1.98E+02	-2.20E-02	-3.83E+00
1.56E+01	-9.30E+01	1.98E+02	2.20E-02	-3.82E+00
1.56E+01	-9.30E+01	1.98E+02	-1.22E-03	-3.83E+00
1.56E+01	-9.30E+01	1.98E+02	0.00E+00	-3.83E+00

1.57E+01	-9.30E+01	1.98E+02	2.44E-03	-3.85E+00
1.57E+01	-9.30E+01	1.98E+02	-1.95E-02	-3.84E+00
1.57E+01	-9.30E+01	1.98E+02	-9.77E-03	-3.85E+00
1.57E+01	-9.30E+01	1.97E+02	-3.54E-02	-3.87E+00
1.57E+01	-9.30E+01	1.98E+02	-4.52E-02	-3.87E+00
1.58E+01	-9.30E+01	1.98E+02	-1.83E-02	-3.89E+00
1.58E+01	-9.30E+01	1.97E+02	-1.95E-02	-3.88E+00
1.58E+01	-9.30E+01	1.98E+02	-3.17E-02	-3.89E+00
1.58E+01	-9.30E+01	1.98E+02	-2.20E-02	-3.90E+00
1.58E+01	-9.30E+01	1.98E+02	-1.71E-02	-3.89E+00
1.59E+01	-9.30E+01	1.98E+02	-1.95E-02	-3.90E+00
1.59E+01	-9.30E+01	1.98E+02	-3.42E-02	-3.91E+00
1.59E+01	-9.30E+01	1.97E+02	-2.44E-02	-3.93E+00
1.59E+01	-9.30E+01	1.97E+02	-4.15E-02	-3.93E+00
1.59E+01	-9.30E+01	1.97E+02	-1.22E-02	-3.94E+00
1.60E+01	-9.30E+01	1.97E+02	-9.77E-03	-3.94E+00
1.60E+01	-9.30E+01	1.97E+02	-1.22E-02	-3.95E+00
1.60E+01	-9.30E+01	1.97E+02	-7.32E-03	-3.95E+00
1.60E+01	-9.30E+01	1.97E+02	-4.88E-03	-3.96E+00
1.60E+01	-9.30E+01	1.98E+02	-3.91E-02	-3.97E+00
1.61E+01	-9.30E+01	1.97E+02	-3.91E-02	-3.98E+00
1.61E+01	-9.30E+01	1.97E+02	-3.17E-02	-3.99E+00
1.61E+01	-9.30E+01	1.97E+02	-2.69E-02	-3.99E+00
1.61E+01	-9.30E+01	1.97E+02	-2.44E-03	-4.01E+00
1.61E+01	-9.30E+01	1.97E+02	3.66E-03	-4.01E+00
1.62E+01	-9.30E+01	1.97E+02	-6.10E-03	-4.01E+00
1.62E+01	-9.30E+01	1.97E+02	-1.71E-02	-4.02E+00
1.62E+01	-9.30E+01	1.97E+02	-1.95E-02	-4.02E+00
1.62E+01	-9.30E+01	1.98E+02	-3.42E-02	-4.03E+00
1.62E+01	-9.30E+01	1.97E+02	-3.17E-02	-4.04E+00
1.63E+01	-9.30E+01	1.97E+02	-3.42E-02	-4.05E+00
1.63E+01	-9.30E+01	1.97E+02	-1.59E-02	-4.06E+00
1.63E+01	-9.30E+01	1.97E+02	-4.88E-03	-4.06E+00
1.63E+01	-9.30E+01	1.97E+02	-6.10E-03	-4.06E+00
1.63E+01	-9.30E+01	1.97E+02	0.00E+00	-4.07E+00
1.64E+01	-9.30E+01	1.97E+02	-3.66E-02	-4.07E+00
1.64E+01	-9.30E+01	1.97E+02	-3.17E-02	-4.08E+00
1.64E+01	-9.30E+01	1.98E+02	-2.20E-02	-4.09E+00
1.64E+01	-9.30E+01	1.97E+02	-2.20E-02	-4.11E+00
1.64E+01	-9.30E+01	1.97E+02	-2.44E-02	-4.12E+00
1.65E+01	-9.30E+01	1.97E+02	-2.44E-03	-4.12E+00
1.65E+01	-9.30E+01	1.97E+02	0.00E+00	-4.13E+00
1.65E+01	-9.30E+01	1.97E+02	-1.22E-02	-4.12E+00
1.65E+01	-9.30E+01	1.98E+02	-7.32E-03	-4.13E+00
1.65E+01	-9.30E+01	1.98E+02	-1.22E-02	-4.14E+00
1.66E+01	-9.30E+01	1.98E+02	-2.93E-02	-4.13E+00
1.66E+01	-9.30E+01	1.97E+02	-2.56E-02	-4.17E+00

1.66E+01	-9.30E+01	1.98E+02	-1.34E-02	-4.18E+00
1.66E+01	-9.30E+01	1.97E+02	-1.71E-02	-4.18E+00
1.66E+01	-9.30E+01	1.97E+02	3.42E-02	-4.17E+00
1.67E+01	-9.30E+01	1.97E+02	2.44E-03	-4.18E+00
1.67E+01	-9.30E+01	1.97E+02	-1.22E-02	-4.19E+00
1.67E+01	-9.30E+01	1.97E+02	-3.17E-02	-4.19E+00
1.67E+01	-9.30E+01	1.98E+02	-4.15E-02	-4.21E+00
1.67E+01	-9.30E+01	1.97E+02	-2.93E-02	-4.22E+00
1.68E+01	-9.30E+01	1.97E+02	-1.46E-02	-4.23E+00
1.68E+01	-9.30E+01	1.97E+02	1.71E-02	-4.23E+00
1.68E+01	-9.30E+01	1.97E+02	-2.93E-02	-4.23E+00
1.68E+01	-9.30E+01	1.97E+02	-2.56E-02	-4.23E+00
1.68E+01	-9.30E+01	1.97E+02	-2.69E-02	-4.25E+00
1.69E+01	-9.30E+01	1.97E+02	-2.69E-02	-4.26E+00
1.69E+01	-9.30E+01	1.97E+02	-3.66E-02	-4.27E+00
1.69E+01	-9.30E+01	1.97E+02	-1.95E-02	-4.27E+00
1.69E+01	-9.30E+01	1.97E+02	-7.32E-03	-4.29E+00
1.69E+01	-9.30E+01	1.97E+02	-2.44E-03	-4.29E+00
1.70E+01	-9.30E+01	1.97E+02	1.22E-03	-4.28E+00
1.70E+01	-9.30E+01	1.97E+02	-6.10E-03	-4.29E+00
1.70E+01	-9.30E+01	1.97E+02	-3.66E-02	-4.29E+00
1.70E+01	-9.30E+01	1.97E+02	-3.54E-02	-4.31E+00
1.70E+01	-9.30E+01	1.97E+02	-2.32E-02	-4.33E+00
1.71E+01	-9.30E+01	1.97E+02	-1.46E-02	-4.33E+00
1.71E+01	-9.30E+01	1.97E+02	2.44E-03	-4.33E+00
1.71E+01	-9.30E+01	1.97E+02	-7.32E-03	-4.33E+00
1.71E+01	-9.30E+01	1.97E+02	-1.83E-02	-4.34E+00
1.71E+01	-9.30E+01	1.97E+02	-2.08E-02	-4.35E+00
1.72E+01	-9.30E+01	1.97E+02	-3.30E-02	-4.36E+00
1.72E+01	-9.30E+01	1.96E+02	-3.42E-02	-4.37E+00
1.72E+01	-9.30E+01	1.96E+02	-2.20E-02	-4.38E+00
1.72E+01	-9.30E+01	1.97E+02	2.44E-03	-4.37E+00
1.72E+01	-9.30E+01	1.96E+02	-4.88E-03	-4.39E+00
1.73E+01	-9.30E+01	1.97E+02	-4.88E-03	-4.38E+00
1.73E+01	-9.30E+01	1.96E+02	-1.71E-02	-4.41E+00
1.73E+01	-9.30E+01	1.96E+02	-4.15E-02	-4.40E+00
1.73E+01	-9.30E+01	1.96E+02	-3.91E-02	-4.41E+00
1.73E+01	-9.30E+01	1.96E+02	-1.71E-02	-4.43E+00
1.74E+01	-9.30E+01	1.96E+02	-3.66E-03	-4.45E+00
1.74E+01	-9.30E+01	1.96E+02	0.00E+00	-4.43E+00
1.74E+01	-9.30E+01	1.96E+02	-2.44E-03	-4.44E+00
1.74E+01	-9.30E+01	1.96E+02	-1.95E-02	-4.45E+00
1.74E+01	-9.30E+01	1.96E+02	-3.66E-02	-4.44E+00
1.75E+01	-9.30E+01	1.96E+02	-3.30E-02	-4.46E+00
1.75E+01	-9.30E+01	1.95E+02	-2.32E-02	-4.48E+00
1.75E+01	-9.30E+01	1.96E+02	-1.22E-02	-4.46E+00
1.75E+01	-9.30E+01	1.96E+02	-4.88E-03	-4.48E+00

1.75E+01	-9.30E+01	1.96E+02	-2.81E-02	-4.48E+00
1.76E+01	-9.30E+01	1.96E+02	-3.54E-02	-4.51E+00
1.76E+01	-9.30E+01	1.96E+02	-2.81E-02	-4.51E+00
1.76E+01	-9.30E+01	1.95E+02	-2.20E-02	-4.53E+00
1.76E+01	-9.30E+01	1.95E+02	-2.69E-02	-4.53E+00
1.76E+01	-9.30E+01	1.95E+02	-2.44E-02	-4.53E+00
1.77E+01	-9.30E+01	1.95E+02	-7.32E-03	-4.53E+00
1.77E+01	-9.30E+01	1.96E+02	-9.77E-03	-4.53E+00
1.77E+01	-9.30E+01	1.95E+02	-1.59E-02	-4.54E+00
1.77E+01	-9.30E+01	1.96E+02	-5.37E-02	-4.56E+00
1.77E+01	-9.30E+01	1.95E+02	-4.03E-02	-4.57E+00
1.78E+01	-9.30E+01	1.95E+02	-2.93E-02	-4.57E+00
1.78E+01	-9.30E+01	1.95E+02	-2.32E-02	-4.56E+00
1.78E+01	-9.30E+01	1.95E+02	-1.46E-02	-4.58E+00
1.78E+01	-9.30E+01	1.95E+02	-1.22E-03	-4.58E+00
1.78E+01	-9.30E+01	1.95E+02	-6.10E-03	-4.59E+00
1.79E+01	-9.30E+01	1.95E+02	-6.84E-02	-4.60E+00
1.79E+01	-9.30E+01	1.95E+02	-3.17E-02	-4.61E+00
1.79E+01	-9.30E+01	1.95E+02	-1.83E-02	-4.63E+00
1.79E+01	-9.30E+01	1.95E+02	-4.88E-02	-4.64E+00
1.79E+01	-9.30E+01	1.95E+02	1.22E-02	-4.62E+00
1.80E+01	-9.30E+01	1.95E+02	0.00E+00	-4.63E+00
1.80E+01	-9.30E+01	1.95E+02	-1.71E-02	-4.64E+00
1.80E+01	-9.30E+01	1.95E+02	-5.49E-02	-4.65E+00
1.80E+01	-9.30E+01	1.95E+02	-3.91E-02	-4.66E+00
1.80E+01	-9.30E+01	1.95E+02	-3.42E-02	-4.67E+00
1.81E+01	-9.30E+01	1.95E+02	-2.44E-02	-4.68E+00
1.81E+01	-9.30E+01	1.95E+02	2.69E-02	-4.68E+00
1.81E+01	-9.30E+01	1.95E+02	1.22E-03	-4.69E+00
1.81E+01	-9.30E+01	1.95E+02	-4.88E-03	-4.68E+00
1.81E+01	-9.30E+01	1.95E+02	-3.66E-02	-4.69E+00
1.82E+01	-9.30E+01	1.95E+02	-3.17E-02	-4.71E+00
1.82E+01	-9.30E+01	1.95E+02	-3.42E-02	-4.72E+00
1.82E+01	-9.30E+01	1.95E+02	9.77E-03	-4.73E+00
1.82E+01	-9.30E+01	1.95E+02	1.22E-02	-4.74E+00
1.82E+01	-9.30E+01	1.95E+02	-1.34E-02	-4.73E+00
1.83E+01	-9.30E+01	1.95E+02	-1.22E-03	-4.74E+00
1.83E+01	-9.30E+01	1.95E+02	-3.17E-02	-4.74E+00
1.83E+01	-9.30E+01	1.95E+02	-4.88E-02	-4.76E+00
1.83E+01	-9.30E+01	1.95E+02	-2.69E-02	-4.77E+00
1.83E+01	-9.30E+01	1.95E+02	-1.46E-02	-4.78E+00
1.84E+01	-9.30E+01	1.95E+02	-2.08E-02	-4.77E+00
1.84E+01	-9.30E+01	1.95E+02	-1.22E-03	-4.78E+00
1.84E+01	-9.30E+01	1.95E+02	-8.54E-03	-4.79E+00
1.84E+01	-9.30E+01	1.95E+02	-4.88E-02	-4.79E+00
1.84E+01	-9.30E+01	1.95E+02	-3.66E-02	-4.79E+00
1.85E+01	-9.30E+01	1.94E+02	-2.56E-02	-4.82E+00

1.85E+01	-9.30E+01	1.95E+02	-2.69E-02	-4.83E+00
1.85E+01	-9.30E+01	1.94E+02	-1.46E-02	-4.83E+00
1.85E+01	-9.30E+01	1.95E+02	3.66E-03	-4.83E+00
1.85E+01	-9.30E+01	1.95E+02	-1.10E-02	-4.83E+00
1.86E+01	-9.30E+01	1.95E+02	-2.20E-02	-4.84E+00
1.86E+01	-9.30E+01	1.95E+02	-1.95E-02	-4.85E+00
1.86E+01	-9.30E+01	1.95E+02	-3.91E-02	-4.86E+00
1.86E+01	-9.30E+01	1.94E+02	-2.44E-03	-4.87E+00
1.86E+01	-9.30E+01	1.94E+02	-1.22E-02	-4.88E+00
1.87E+01	-9.30E+01	1.95E+02	-2.44E-03	-4.88E+00
1.87E+01	-9.30E+01	1.94E+02	-6.10E-03	-4.87E+00
1.87E+01	-9.30E+01	1.95E+02	-3.05E-02	-4.88E+00
1.87E+01	-9.30E+01	1.95E+02	-3.66E-02	-4.90E+00
1.87E+01	-9.30E+01	1.95E+02	-1.22E-02	-4.92E+00
1.88E+01	-9.30E+01	1.94E+02	4.88E-03	-4.94E+00
1.88E+01	-9.30E+01	1.95E+02	-2.44E-03	-4.91E+00
1.88E+01	-9.30E+01	1.95E+02	6.10E-03	-4.92E+00
1.88E+01	-9.30E+01	1.95E+02	-2.20E-02	-4.94E+00
1.88E+01	-9.30E+01	1.94E+02	-5.74E-02	-4.93E+00
1.89E+01	-9.30E+01	1.94E+02	-3.42E-02	-4.95E+00
1.89E+01	-9.30E+01	1.94E+02	-2.20E-02	-4.97E+00
1.89E+01	-9.30E+01	1.95E+02	7.32E-03	-4.98E+00
1.89E+01	-9.30E+01	1.95E+02	7.32E-03	-4.98E+00
1.89E+01	-9.30E+01	1.95E+02	-1.22E-03	-4.98E+00
1.90E+01	-9.30E+01	1.95E+02	-3.42E-02	-4.98E+00
1.90E+01	-9.30E+01	1.95E+02	2.44E-03	-5.00E+00
1.90E+01	-9.30E+01	1.95E+02	-2.44E-02	-5.01E+00
1.90E+01	-9.30E+01	1.95E+02	-9.77E-03	-5.01E+00
1.90E+01	-9.30E+01	1.95E+02	2.44E-03	-5.01E+00
1.91E+01	-9.30E+01	1.95E+02	-3.05E-02	-5.02E+00
1.91E+01	-9.30E+01	1.95E+02	-2.20E-02	-5.03E+00
1.91E+01	-9.30E+01	1.94E+02	-2.44E-02	-5.05E+00
1.91E+01	-9.30E+01	1.95E+02	-4.88E-03	-5.05E+00
1.91E+01	-9.30E+01	1.95E+02	4.88E-03	-5.05E+00
1.92E+01	-9.30E+01	1.95E+02	-1.22E-02	-5.05E+00
1.92E+01	-9.30E+01	1.95E+02	-1.95E-02	-5.06E+00
1.92E+01	-9.30E+01	1.95E+02	-3.91E-02	-5.08E+00
1.92E+01	-9.30E+01	1.95E+02	-1.71E-02	-5.08E+00
1.92E+01	-9.30E+01	1.95E+02	-4.88E-03	-5.08E+00
1.93E+01	-9.30E+01	1.95E+02	4.88E-03	-5.09E+00
1.93E+01	-9.30E+01	1.95E+02	-1.71E-02	-5.09E+00
1.93E+01	-9.30E+01	1.95E+02	-3.17E-02	-5.11E+00
1.93E+01	-9.30E+01	1.95E+02	-3.66E-02	-5.12E+00
1.93E+01	-9.30E+01	1.95E+02	-1.71E-02	-5.12E+00
1.94E+01	-9.30E+01	1.95E+02	-1.22E-02	-5.12E+00
1.94E+01	-9.30E+01	1.95E+02	-2.93E-02	-5.13E+00
1.94E+01	-9.30E+01	1.95E+02	-5.98E-02	-5.13E+00

1.94E+01	-9.30E+01	1.95E+02	-9.77E-03	-5.15E+00
1.94E+01	-9.30E+01	1.95E+02	-1.46E-02	-5.16E+00
1.95E+01	-9.30E+01	1.95E+02	1.22E-02	-5.18E+00
1.95E+01	-9.30E+01	1.95E+02	-4.88E-03	-5.16E+00
1.95E+01	-9.30E+01	1.96E+02	-9.77E-03	-5.17E+00
1.95E+01	-9.30E+01	1.95E+02	-2.69E-02	-5.19E+00
1.95E+01	-9.30E+01	1.96E+02	-2.93E-02	-5.19E+00
1.96E+01	-9.30E+01	1.95E+02	-2.69E-02	-5.20E+00
1.96E+01	-9.30E+01	1.95E+02	-7.32E-03	-5.21E+00
1.96E+01	-9.30E+01	1.96E+02	-1.46E-02	-5.23E+00
1.96E+01	-9.30E+01	1.95E+02	-2.08E-02	-5.21E+00
1.96E+01	-9.30E+01	1.96E+02	-1.46E-02	-5.22E+00
1.97E+01	-9.30E+01	1.95E+02	-3.17E-02	-5.24E+00
1.97E+01	-9.30E+01	1.95E+02	-7.32E-03	-5.24E+00
1.97E+01	-9.30E+01	1.95E+02	0.00E+00	-5.24E+00
1.97E+01	-9.30E+01	1.95E+02	-8.54E-03	-5.25E+00
1.97E+01	-9.30E+01	1.96E+02	-3.05E-02	-5.24E+00
1.98E+01	-9.30E+01	1.95E+02	-3.17E-02	-5.26E+00
1.98E+01	-9.30E+01	1.95E+02	-3.42E-02	-5.28E+00
1.98E+01	-9.30E+01	1.95E+02	-2.20E-02	-5.28E+00
1.98E+01	-9.30E+01	1.95E+02	-1.71E-02	-5.28E+00
1.98E+01	-9.30E+01	1.95E+02	-2.44E-03	-5.29E+00
1.99E+01	-9.30E+01	1.96E+02	-9.77E-03	-5.29E+00
1.99E+01	-9.30E+01	1.96E+02	-9.77E-03	-5.33E+00
1.99E+01	-9.30E+01	1.95E+02	-2.69E-02	-5.32E+00
1.99E+01	-9.30E+01	1.95E+02	-7.32E-03	-5.32E+00
1.99E+01	-9.30E+01	1.95E+02	2.44E-03	-5.33E+00
2.00E+01	-9.30E+01	1.95E+02	4.88E-03	-5.32E+00
2.00E+01	-9.30E+01	1.96E+02	-1.83E-02	-5.34E+00
2.00E+01	-9.30E+01	1.96E+02	-3.42E-02	-5.35E+00
2.00E+01	-9.30E+01	1.95E+02	-2.32E-02	-5.37E+00
2.00E+01	-9.30E+01	1.95E+02	4.88E-03	-5.36E+00
2.01E+01	-9.30E+01	1.95E+02	-1.83E-02	-5.36E+00
2.01E+01	-9.30E+01	1.96E+02	-2.20E-02	-5.36E+00
2.01E+01	-9.30E+01	1.96E+02	-2.08E-02	-5.39E+00
2.01E+01	-9.30E+01	1.96E+02	-9.77E-03	-5.40E+00
2.01E+01	-9.30E+01	1.96E+02	1.22E-03	-5.39E+00
2.02E+01	-9.30E+01	1.96E+02	-2.69E-02	-5.40E+00
2.02E+01	-9.30E+01	1.96E+02	-1.95E-02	-5.40E+00
2.02E+01	-9.30E+01	1.95E+02	-2.69E-02	-5.42E+00
2.02E+01	-9.30E+01	1.96E+02	-2.44E-02	-5.42E+00
2.02E+01	-9.30E+01	1.95E+02	-2.20E-02	-5.42E+00
2.03E+01	-9.30E+01	1.96E+02	1.22E-02	-5.44E+00
2.03E+01	-9.30E+01	1.96E+02	-1.95E-02	-5.44E+00
2.03E+01	-9.30E+01	1.96E+02	-2.69E-02	-5.46E+00
2.03E+01	-9.30E+01	1.96E+02	-3.42E-02	-5.47E+00
2.03E+01	-9.30E+01	1.96E+02	-2.56E-02	-5.47E+00

2.04E+01	-9.30E+01	1.96E+02	-1.95E-02	-5.49E+00
2.04E+01	-9.30E+01	1.96E+02	-1.34E-02	-5.47E+00
2.04E+01	-9.30E+01	1.96E+02	-2.44E-03	-5.48E+00
2.04E+01	-9.30E+01	1.96E+02	-1.95E-02	-5.49E+00
2.04E+01	-9.30E+01	1.95E+02	-6.47E-02	-5.51E+00
2.05E+01	-9.30E+01	1.95E+02	-3.42E-02	-5.52E+00
2.05E+01	-9.30E+01	1.95E+02	9.77E-03	-5.52E+00
2.05E+01	-9.30E+01	1.95E+02	-4.88E-03	-5.52E+00
2.05E+01	-9.30E+01	1.96E+02	-3.78E-02	-5.52E+00
2.05E+01	-9.30E+01	1.96E+02	-1.22E-02	-5.53E+00
2.06E+01	-9.30E+01	1.96E+02	-2.81E-02	-5.54E+00
2.06E+01	-9.30E+01	1.95E+02	-1.95E-02	-5.56E+00
2.06E+01	-9.30E+01	1.96E+02	1.22E-02	-5.56E+00
2.06E+01	-9.30E+01	1.96E+02	2.44E-03	-5.57E+00
2.06E+01	-9.30E+01	1.96E+02	-7.32E-03	-5.56E+00
2.07E+01	-9.30E+01	1.96E+02	-3.17E-02	-5.57E+00
2.07E+01	-9.30E+01	1.95E+02	-4.76E-02	-5.58E+00
2.07E+01	-9.30E+01	1.95E+02	-2.20E-02	-5.60E+00
2.07E+01	-9.30E+01	1.95E+02	-9.77E-03	-5.61E+00
2.07E+01	-9.30E+01	1.95E+02	7.32E-03	-5.59E+00
2.08E+01	-9.30E+01	1.95E+02	-2.56E-02	-5.61E+00
2.08E+01	-9.30E+01	1.95E+02	-3.05E-02	-5.62E+00
2.08E+01	-9.30E+01	1.96E+02	-3.17E-02	-5.63E+00
2.08E+01	-9.30E+01	1.95E+02	-4.88E-03	-5.64E+00
2.08E+01	-9.30E+01	1.95E+02	-7.32E-03	-5.65E+00
2.09E+01	-9.30E+01	1.96E+02	-3.66E-03	-5.64E+00
2.09E+01	-9.30E+01	1.95E+02	-2.20E-02	-5.66E+00
2.09E+01	-9.30E+01	1.95E+02	-4.64E-02	-5.67E+00
2.09E+01	-9.30E+01	1.95E+02	-9.77E-03	-5.68E+00
2.09E+01	-9.30E+01	1.95E+02	-8.54E-03	-5.69E+00
2.10E+01	-9.30E+01	1.95E+02	-6.10E-03	-5.67E+00
2.10E+01	-9.30E+01	1.96E+02	-4.88E-03	-5.69E+00
2.10E+01	-9.30E+01	1.95E+02	-2.44E-02	-5.70E+00
2.10E+01	-9.30E+01	1.96E+02	-4.15E-02	-5.71E+00
2.10E+01	-9.30E+01	1.95E+02	-2.44E-03	-5.72E+00
2.11E+01	-9.30E+01	1.95E+02	-8.54E-03	-5.73E+00
2.11E+01	-9.30E+01	1.95E+02	-3.66E-03	-5.72E+00
2.11E+01	-9.30E+01	1.95E+02	4.88E-03	-5.74E+00
2.11E+01	-9.30E+01	1.95E+02	-1.95E-02	-5.74E+00
2.11E+01	-9.30E+01	1.96E+02	-3.66E-02	-5.75E+00
2.12E+01	-9.30E+01	1.95E+02	-2.32E-02	-5.77E+00
2.12E+01	-9.30E+01	1.95E+02	9.77E-03	-5.77E+00
2.12E+01	-9.30E+01	1.95E+02	-4.88E-03	-5.76E+00
2.12E+01	-9.30E+01	1.96E+02	-1.95E-02	-5.78E+00
2.12E+01	-9.30E+01	1.95E+02	-3.17E-02	-5.78E+00
2.13E+01	-9.30E+01	1.95E+02	-1.22E-02	-5.80E+00
2.13E+01	-9.30E+01	1.95E+02	-1.22E-02	-5.81E+00

2.13E+01	-9.30E+01	1.95E+02	-3.66E-03	-5.81E+00
2.13E+01	-9.30E+01	1.95E+02	1.22E-03	-5.81E+00
2.13E+01	-9.30E+01	1.95E+02	-2.20E-02	-5.81E+00
2.14E+01	-9.30E+01	1.95E+02	-4.15E-02	-5.82E+00
2.14E+01	-9.30E+01	1.95E+02	-4.27E-02	-5.83E+00
2.14E+01	-9.30E+01	1.95E+02	-1.59E-02	-5.85E+00
2.14E+01	-9.30E+01	1.95E+02	-7.32E-03	-5.85E+00
2.14E+01	-9.30E+01	1.95E+02	-2.44E-03	-5.86E+00
2.15E+01	-9.30E+01	1.95E+02	-2.20E-02	-5.86E+00
2.15E+01	-9.30E+01	1.95E+02	-3.17E-02	-5.87E+00
2.15E+01	-9.30E+01	1.95E+02	-2.20E-02	-5.89E+00
2.15E+01	-9.30E+01	1.95E+02	-1.95E-02	-5.89E+00
2.15E+01	-9.30E+01	1.95E+02	-3.66E-03	-5.88E+00
2.16E+01	-9.30E+01	1.95E+02	-1.71E-02	-5.89E+00
2.16E+01	-9.30E+01	1.96E+02	-3.91E-02	-5.91E+00
2.16E+01	-9.30E+01	1.95E+02	-1.22E-02	-5.93E+00
2.16E+01	-9.30E+01	1.95E+02	-1.71E-02	-5.93E+00
2.16E+01	-9.30E+01	1.95E+02	-7.32E-03	-5.92E+00
2.17E+01	-9.30E+01	1.95E+02	7.32E-03	-5.93E+00
2.17E+01	-9.30E+01	1.95E+02	-2.93E-02	-5.94E+00
2.17E+01	-9.30E+01	1.95E+02	-3.66E-02	-5.95E+00
2.17E+01	-9.30E+01	1.95E+02	-2.44E-02	-5.96E+00
2.17E+01	-9.30E+01	1.95E+02	-3.17E-02	-5.97E+00
2.18E+01	-9.30E+01	1.95E+02	0.00E+00	-5.97E+00
2.18E+01	-9.30E+01	1.95E+02	0.00E+00	-5.97E+00
2.18E+01	-9.30E+01	1.95E+02	-3.17E-02	-5.97E+00
2.18E+01	-9.30E+01	1.96E+02	-3.42E-02	-5.99E+00
2.18E+01	-9.30E+01	1.95E+02	-2.44E-02	-6.01E+00
2.19E+01	-9.30E+01	1.95E+02	-1.46E-02	-6.02E+00
2.19E+01	-9.30E+01	1.96E+02	-2.44E-03	-6.01E+00
2.19E+01	-9.30E+01	1.96E+02	-2.44E-03	-6.02E+00
2.19E+01	-9.30E+01	1.96E+02	-2.44E-02	-6.02E+00
2.19E+01	-9.30E+01	1.96E+02	-3.42E-02	-6.04E+00
2.20E+01	-9.30E+01	1.95E+02	-1.46E-02	-6.05E+00
2.20E+01	-9.30E+01	1.96E+02	-9.77E-03	-6.05E+00
2.20E+01	-9.30E+01	1.96E+02	4.88E-03	-6.06E+00
2.20E+01	-9.30E+01	1.96E+02	-3.05E-02	-6.05E+00
2.20E+01	-9.30E+01	1.95E+02	-2.20E-02	-6.06E+00
2.21E+01	-9.30E+01	1.96E+02	-2.56E-02	-6.08E+00
2.21E+01	-9.30E+01	1.96E+02	-6.10E-03	-6.10E+00
2.21E+01	-9.30E+01	1.96E+02	0.00E+00	-6.09E+00
2.21E+01	-9.30E+01	1.96E+02	-4.88E-03	-6.09E+00
2.21E+01	-9.30E+01	1.96E+02	-1.22E-02	-6.09E+00
2.22E+01	-9.30E+01	1.96E+02	-2.20E-02	-6.10E+00
2.22E+01	-9.30E+01	1.96E+02	-2.93E-02	-6.12E+00
2.22E+01	-9.30E+01	1.96E+02	-2.93E-02	-6.13E+00
2.22E+01	-9.30E+01	1.96E+02	1.46E-02	-6.16E+00

2.22E+01	-9.30E+01	1.96E+02	-4.88E-03	-6.14E+00
2.23E+01	-9.30E+01	1.96E+02	-2.20E-02	-6.13E+00
2.23E+01	-9.30E+01	1.96E+02	-2.69E-02	-6.16E+00
2.23E+01	-9.30E+01	1.96E+02	-2.93E-02	-6.17E+00
2.23E+01	-9.30E+01	1.96E+02	-2.44E-02	-6.17E+00
2.23E+01	-9.30E+01	1.96E+02	0.00E+00	-6.18E+00
2.24E+01	-9.30E+01	1.96E+02	1.46E-02	-6.16E+00
2.24E+01	-9.30E+01	1.96E+02	-3.17E-02	-6.18E+00
2.24E+01	-9.30E+01	1.96E+02	-2.81E-02	-6.19E+00
2.24E+01	-9.30E+01	1.96E+02	-3.66E-02	-6.20E+00
2.24E+01	-9.30E+01	1.96E+02	0.00E+00	-6.22E+00
2.25E+01	-9.30E+01	1.96E+02	0.00E+00	-6.23E+00
2.25E+01	-9.30E+01	1.96E+02	-7.32E-03	-6.23E+00
2.25E+01	-9.30E+01	1.96E+02	-2.44E-03	-6.24E+00
2.25E+01	-9.30E+01	1.96E+02	-9.77E-03	-6.24E+00
2.25E+01	-9.30E+01	1.96E+02	-3.66E-02	-6.24E+00
2.26E+01	-9.30E+01	1.96E+02	-2.44E-02	-6.25E+00
2.26E+01	-9.30E+01	1.96E+02	-1.10E-02	-6.27E+00
2.26E+01	-9.30E+01	1.96E+02	-4.88E-03	-6.26E+00
2.26E+01	-9.30E+01	1.96E+02	-9.77E-03	-6.27E+00
2.26E+01	-9.30E+01	1.96E+02	-1.95E-02	-6.29E+00
2.27E+01	-9.30E+01	1.96E+02	-3.66E-02	-6.29E+00
2.27E+01	-9.30E+01	1.96E+02	-1.46E-02	-6.30E+00
2.27E+01	-9.30E+01	1.96E+02	-1.46E-02	-6.31E+00
2.27E+01	-9.30E+01	1.96E+02	-1.22E-02	-6.30E+00
2.27E+01	-9.30E+01	1.96E+02	-4.88E-03	-6.31E+00
2.28E+01	-9.30E+01	1.96E+02	-3.17E-02	-6.32E+00
2.28E+01	-9.30E+01	1.96E+02	-2.69E-02	-6.33E+00
2.28E+01	-9.30E+01	1.96E+02	-1.83E-02	-6.35E+00
2.28E+01	-9.30E+01	1.96E+02	-9.77E-03	-6.34E+00
2.28E+01	-9.30E+01	1.96E+02	-4.88E-03	-6.34E+00
2.29E+01	-9.30E+01	1.96E+02	-7.32E-03	-6.35E+00
2.29E+01	-9.30E+01	1.96E+02	-4.15E-02	-6.36E+00
2.29E+01	-9.30E+01	1.96E+02	-2.56E-02	-6.38E+00
2.29E+01	-9.30E+01	1.96E+02	-7.32E-03	-6.40E+00
2.29E+01	-9.30E+01	1.96E+02	2.44E-03	-6.38E+00
2.30E+01	-9.30E+01	1.96E+02	-4.88E-03	-6.39E+00
2.30E+01	-9.30E+01	1.96E+02	-1.71E-02	-6.41E+00
2.30E+01	-9.30E+01	1.97E+02	-3.42E-02	-6.40E+00
2.30E+01	-9.30E+01	1.96E+02	-2.20E-02	-6.42E+00
2.30E+01	-9.30E+01	1.96E+02	-9.77E-03	-6.43E+00
2.31E+01	-9.30E+01	1.97E+02	-1.46E-02	-6.43E+00
2.31E+01	-9.30E+01	1.96E+02	-2.20E-02	-6.43E+00
2.31E+01	-9.30E+01	1.97E+02	-3.91E-02	-6.44E+00
2.31E+01	-9.30E+01	1.96E+02	-1.83E-02	-6.46E+00
2.31E+01	-9.30E+01	1.97E+02	-1.46E-02	-6.46E+00
2.32E+01	-9.30E+01	1.97E+02	-7.32E-03	-6.46E+00

2.32E+01	-9.30E+01	1.97E+02	-6.10E-03	-6.47E+00
2.32E+01	-9.30E+01	1.97E+02	-1.83E-02	-6.47E+00
2.32E+01	-9.30E+01	1.97E+02	-4.39E-02	-6.49E+00
2.32E+01	-9.30E+01	1.97E+02	-2.69E-02	-6.50E+00
2.33E+01	-9.30E+01	1.97E+02	-3.91E-02	-6.51E+00
2.33E+01	-9.30E+01	1.97E+02	-1.95E-02	-6.50E+00
2.33E+01	-9.30E+01	1.97E+02	-1.10E-02	-6.51E+00
2.33E+01	-9.30E+01	1.97E+02	-2.93E-02	-6.52E+00
2.33E+01	-9.30E+01	1.97E+02	-2.69E-02	-6.53E+00
2.34E+01	-9.30E+01	1.97E+02	-1.71E-02	-6.55E+00
2.34E+01	-9.30E+01	1.97E+02	-4.39E-02	-6.55E+00
2.34E+01	-9.30E+01	1.97E+02	9.77E-03	-6.55E+00
2.34E+01	-9.30E+01	1.97E+02	-8.54E-03	-6.55E+00
2.34E+01	-9.30E+01	1.97E+02	-3.42E-02	-6.55E+00
2.35E+01	-9.30E+01	1.97E+02	-9.77E-03	-6.56E+00
2.35E+01	-9.30E+01	1.97E+02	-2.44E-02	-6.59E+00
2.35E+01	-9.30E+01	1.97E+02	-2.69E-02	-6.59E+00
2.35E+01	-9.30E+01	1.97E+02	-1.71E-02	-6.60E+00
2.35E+01	-9.30E+01	1.97E+02	7.32E-03	-6.60E+00
2.36E+01	-9.30E+01	1.97E+02	-1.46E-02	-6.60E+00
2.36E+01	-9.30E+01	1.97E+02	-1.83E-02	-6.61E+00
2.36E+01	-9.30E+01	1.97E+02	-3.42E-02	-6.62E+00
2.36E+01	-9.30E+01	1.97E+02	-2.44E-02	-6.64E+00
2.36E+01	-9.30E+01	1.97E+02	-2.44E-03	-6.64E+00
2.37E+01	-9.30E+01	1.97E+02	-2.44E-03	-6.63E+00
2.37E+01	-9.30E+01	1.97E+02	-1.22E-02	-6.65E+00
2.37E+01	-9.30E+01	1.97E+02	-1.95E-02	-6.65E+00
2.37E+01	-9.30E+01	1.97E+02	-3.17E-02	-6.67E+00
2.37E+01	-9.30E+01	1.97E+02	-2.69E-02	-6.67E+00
2.38E+01	-9.30E+01	1.97E+02	-1.95E-02	-6.68E+00
2.38E+01	-9.30E+01	1.97E+02	-1.34E-02	-6.69E+00
2.38E+01	-9.30E+01	1.97E+02	8.54E-03	-6.69E+00
2.38E+01	-9.30E+01	1.97E+02	-4.88E-03	-6.69E+00
2.38E+01	-9.30E+01	1.97E+02	-1.22E-02	-6.70E+00
2.39E+01	-9.30E+01	1.97E+02	-3.66E-02	-6.71E+00
2.39E+01	-9.30E+01	1.97E+02	-4.52E-02	-6.73E+00
2.39E+01	-9.30E+01	1.97E+02	-1.71E-02	-6.74E+00
2.39E+01	-9.30E+01	1.98E+02	-7.32E-03	-6.73E+00
2.39E+01	-9.30E+01	1.98E+02	-8.54E-03	-6.74E+00
2.40E+01	-9.30E+01	1.97E+02	-3.42E-02	-6.75E+00
2.40E+01	-9.30E+01	1.98E+02	-3.42E-02	-6.76E+00
2.40E+01	-9.30E+01	1.97E+02	-1.71E-02	-6.77E+00
2.40E+01	-9.30E+01	1.97E+02	-2.44E-02	-6.77E+00
2.40E+01	-9.30E+01	1.97E+02	-2.44E-03	-6.77E+00
2.41E+01	-9.30E+01	1.98E+02	-2.44E-03	-6.78E+00
2.41E+01	-9.30E+01	1.98E+02	-2.56E-02	-6.79E+00
2.41E+01	-9.30E+01	1.98E+02	-2.44E-02	-6.80E+00

2.41E+01	-9.30E+01	1.97E+02	-3.42E-02	-6.81E+00
2.41E+01	-9.30E+01	1.97E+02	-4.88E-03	-6.80E+00
2.42E+01	-9.30E+01	1.98E+02	-1.71E-02	-6.81E+00
2.42E+01	-9.30E+01	1.98E+02	-3.66E-02	-6.82E+00
2.42E+01	-9.30E+01	1.98E+02	-2.20E-02	-6.84E+00
2.42E+01	-9.30E+01	1.98E+02	-1.22E-03	-6.85E+00
2.42E+01	-9.30E+01	1.98E+02	-3.66E-03	-6.84E+00
2.43E+01	-9.30E+01	1.98E+02	-9.77E-03	-6.85E+00
2.43E+01	-9.30E+01	1.98E+02	-1.22E-02	-6.87E+00
2.43E+01	-9.30E+01	1.98E+02	-3.54E-02	-6.87E+00
2.43E+01	-9.30E+01	1.98E+02	2.44E-03	-6.88E+00
2.43E+01	-9.30E+01	1.98E+02	2.44E-03	-6.88E+00
2.44E+01	-9.30E+01	1.98E+02	2.44E-03	-6.89E+00
2.44E+01	-9.30E+01	1.98E+02	-1.95E-02	-6.90E+00
2.44E+01	-9.30E+01	1.98E+02	-3.05E-02	-6.91E+00
2.44E+01	-9.30E+01	1.98E+02	-1.46E-02	-6.92E+00
2.44E+01	-9.30E+01	1.98E+02	2.44E-03	-6.92E+00
2.45E+01	-9.30E+01	1.98E+02	-1.22E-02	-6.92E+00
2.45E+01	-9.30E+01	1.99E+02	-3.91E-02	-6.93E+00
2.45E+01	-9.30E+01	1.98E+02	-4.52E-02	-6.95E+00
2.45E+01	-9.30E+01	1.98E+02	-2.20E-02	-6.95E+00
2.45E+01	-9.30E+01	1.98E+02	-2.08E-02	-6.96E+00
2.46E+01	-9.30E+01	1.98E+02	-2.69E-02	-6.95E+00
2.46E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.96E+00
2.46E+01	-9.30E+01	1.98E+02	-3.66E-02	-6.98E+00
2.46E+01	-9.30E+01	1.99E+02	-5.37E-02	-6.99E+00
2.46E+01	-9.30E+01	1.98E+02	8.54E-03	-6.99E+00
2.47E+01	-9.30E+01	1.99E+02	-9.77E-03	-7.00E+00
2.47E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.99E+00
2.47E+01	-9.30E+01	1.99E+02	-7.32E-03	-7.02E+00
2.47E+01	-9.30E+01	1.98E+02	-4.64E-02	-7.02E+00
2.47E+01	-9.30E+01	1.99E+02	-1.71E-02	-7.03E+00
2.48E+01	-9.30E+01	1.98E+02	-9.77E-03	-7.03E+00
2.48E+01	-9.30E+01	1.98E+02	-1.59E-02	-7.04E+00
2.48E+01	-9.30E+01	1.99E+02	-9.77E-03	-7.04E+00
2.48E+01	-9.30E+01	1.99E+02	-9.77E-03	-7.05E+00
2.48E+01	-9.30E+01	1.99E+02	-4.27E-02	-7.07E+00
2.49E+01	-9.30E+01	1.99E+02	0.00E+00	-7.07E+00
2.49E+01	-9.30E+01	1.99E+02	-9.77E-03	-7.08E+00
2.49E+01	-9.30E+01	1.99E+02	4.88E-02	-7.07E+00
2.49E+01	-9.30E+01	1.99E+02	-1.95E-02	-7.08E+00
2.49E+01	-9.30E+01	1.98E+02	-1.71E-02	-7.09E+00
2.50E+01	-9.30E+01	1.97E+02	-2.56E-02	-7.10E+00
2.50E+01	-9.30E+01	1.97E+02	-3.78E-02	-7.11E+00
2.50E+01	-9.30E+01	1.96E+02	2.44E-03	-7.11E+00
2.50E+01	-9.30E+01	1.95E+02	-4.88E-03	-7.10E+00
2.50E+01	-9.30E+01	1.92E+02	7.32E-03	-7.11E+00

2.51E+01	-9.30E+01	1.87E+02	-4.15E-02	-7.11E+00
2.51E+01	-9.30E+01	1.84E+02	-2.93E-02	-7.10E+00
2.51E+01	-9.30E+01	1.83E+02	9.77E-03	-7.10E+00
2.51E+01	-9.30E+01	1.83E+02	0.00E+00	-7.09E+00
2.51E+01	-9.30E+01	1.84E+02	2.44E-03	-7.09E+00
2.52E+01	-9.30E+01	1.86E+02	-1.46E-02	-7.08E+00
2.52E+01	-9.30E+01	1.87E+02	-3.42E-02	-7.08E+00
2.52E+01	-9.30E+01	1.86E+02	-1.71E-02	-7.10E+00
2.52E+01	-9.30E+01	1.85E+02	-1.22E-02	-7.09E+00
2.52E+01	-9.30E+01	1.85E+02	-2.44E-03	-7.07E+00
2.53E+01	-9.30E+01	1.85E+02	-1.71E-02	-7.08E+00
2.53E+01	-9.30E+01	1.85E+02	-3.78E-02	-7.08E+00
2.53E+01	-9.30E+01	1.84E+02	-3.42E-02	-7.09E+00
2.53E+01	-9.30E+01	1.84E+02	2.44E-03	-7.10E+00
2.53E+01	-9.30E+01	1.84E+02	-9.77E-03	-7.08E+00
2.54E+01	-9.30E+01	1.85E+02	-4.88E-03	-7.08E+00
2.54E+01	-9.30E+01	1.84E+02	4.88E-03	-7.05E+00
2.54E+01	-9.30E+01	1.84E+02	-2.20E-02	-7.07E+00
2.54E+01	-9.30E+01	1.84E+02	-2.81E-02	-7.08E+00
2.54E+01	-9.30E+01	1.84E+02	-1.34E-02	-7.09E+00
2.55E+01	-9.30E+01	1.84E+02	-2.44E-03	-7.07E+00
2.55E+01	-9.30E+01	1.84E+02	2.44E-03	-7.06E+00
2.55E+01	-9.30E+01	1.84E+02	-3.66E-02	-7.07E+00
2.55E+01	-9.30E+01	1.84E+02	-5.25E-02	-7.05E+00
2.55E+01	-9.30E+01	1.84E+02	-1.10E-02	-7.07E+00
2.56E+01	-9.30E+01	1.84E+02	-2.44E-03	-7.06E+00
2.56E+01	-9.30E+01	1.85E+02	-1.46E-02	-7.04E+00
2.56E+01	-9.30E+01	1.84E+02	-5.25E-02	-7.06E+00
2.56E+01	-9.30E+01	1.84E+02	-3.17E-02	-7.06E+00
2.56E+01	-9.30E+01	1.84E+02	4.88E-03	-7.06E+00
2.57E+01	-9.30E+01	1.84E+02	-2.69E-02	-7.03E+00
2.57E+01	-9.30E+01	1.85E+02	-1.46E-02	-7.06E+00
2.57E+01	-9.30E+01	1.84E+02	-3.91E-02	-7.06E+00
2.57E+01	-9.30E+01	1.84E+02	-1.59E-02	-7.06E+00
2.57E+01	-9.30E+01	1.84E+02	4.03E-02	-7.05E+00
2.58E+01	-9.30E+01	1.84E+02	-2.32E-02	-7.04E+00
2.58E+01	-9.30E+01	1.84E+02	-1.34E-02	-7.04E+00
2.58E+01	-9.30E+01	1.84E+02	-4.39E-02	-7.07E+00
2.58E+01	-9.30E+01	1.84E+02	-2.93E-02	-7.04E+00
2.58E+01	-9.30E+01	1.84E+02	-9.77E-03	-7.04E+00
2.59E+01	-9.30E+01	1.84E+02	-2.44E-03	-7.04E+00
2.59E+01	-9.30E+01	1.84E+02	-2.44E-03	-7.03E+00
2.59E+01	-9.30E+01	1.84E+02	-2.93E-02	-7.03E+00
2.59E+01	-9.30E+01	1.84E+02	-2.69E-02	-7.04E+00
2.59E+01	-9.30E+01	1.84E+02	-3.17E-02	-7.04E+00
2.60E+01	-9.30E+01	1.84E+02	3.66E-03	-7.04E+00
2.60E+01	-9.30E+01	1.84E+02	-2.44E-03	-7.03E+00

2.60E+01	-9.30E+01	1.84E+02	-2.20E-02	-7.03E+00
2.60E+01	-9.30E+01	1.84E+02	1.95E-02	-7.03E+00
2.60E+01	-9.30E+01	1.84E+02	-1.95E-02	-7.02E+00
2.61E+01	-9.30E+01	1.84E+02	7.32E-03	-7.02E+00
2.61E+01	-9.30E+01	1.84E+02	4.88E-03	-7.02E+00
2.61E+01	-9.30E+01	1.84E+02	-1.95E-02	-7.02E+00
2.61E+01	-9.30E+01	1.84E+02	-2.32E-02	-7.03E+00
2.61E+01	-9.30E+01	1.84E+02	-1.22E-02	-7.02E+00
2.62E+01	-9.30E+01	1.84E+02	-1.10E-02	-7.00E+00
2.62E+01	-9.30E+01	1.84E+02	-1.95E-02	-7.00E+00
2.62E+01	-9.30E+01	1.84E+02	-3.42E-02	-7.01E+00
2.62E+01	-9.30E+01	1.84E+02	-3.91E-02	-7.00E+00
2.62E+01	-9.30E+01	1.84E+02	-2.08E-02	-7.01E+00
2.63E+01	-9.30E+01	1.84E+02	1.22E-03	-7.00E+00
2.63E+01	-9.30E+01	1.84E+02	-1.22E-02	-7.00E+00
2.63E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.99E+00
2.63E+01	-9.30E+01	1.84E+02	-2.20E-02	-7.01E+00
2.63E+01	-9.30E+01	1.84E+02	-1.34E-02	-7.01E+00
2.64E+01	-9.30E+01	1.84E+02	-2.32E-02	-7.01E+00
2.64E+01	-9.30E+01	1.84E+02	-2.44E-02	-7.00E+00
2.64E+01	-9.30E+01	1.84E+02	-3.66E-02	-7.00E+00
2.64E+01	-9.30E+01	1.84E+02	-2.56E-02	-6.99E+00
2.64E+01	-9.30E+01	1.84E+02	-4.03E-02	-6.99E+00
2.65E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.98E+00
2.65E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.98E+00
2.65E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.99E+00
2.65E+01	-9.30E+01	1.84E+02	-2.81E-02	-6.99E+00
2.65E+01	-9.30E+01	1.84E+02	-1.22E-02	-6.99E+00
2.66E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.96E+00
2.66E+01	-9.30E+01	1.84E+02	-4.39E-02	-6.97E+00
2.66E+01	-9.30E+01	1.84E+02	-2.20E-02	-6.97E+00
2.66E+01	-9.30E+01	1.84E+02	-3.66E-02	-6.98E+00
2.66E+01	-9.30E+01	1.84E+02	-1.59E-02	-6.97E+00
2.67E+01	-9.30E+01	1.84E+02	-2.20E-02	-6.98E+00
2.67E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.96E+00
2.67E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.95E+00
2.67E+01	-9.30E+01	1.84E+02	-4.39E-02	-6.96E+00
2.67E+01	-9.30E+01	1.84E+02	-3.42E-02	-6.97E+00
2.68E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.97E+00
2.68E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.96E+00
2.68E+01	-9.30E+01	1.84E+02	-1.22E-03	-6.95E+00
2.68E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.95E+00
2.68E+01	-9.30E+01	1.84E+02	-3.17E-02	-6.95E+00
2.69E+01	-9.30E+01	1.84E+02	-2.20E-02	-6.95E+00
2.69E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.96E+00
2.69E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.95E+00
2.69E+01	-9.30E+01	1.84E+02	-2.32E-02	-6.93E+00

2.69E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.94E+00
2.70E+01	-9.30E+01	1.84E+02	-4.27E-02	-6.94E+00
2.70E+01	-9.30E+01	1.84E+02	-2.81E-02	-6.94E+00
2.70E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.95E+00
2.70E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.94E+00
2.70E+01	-9.30E+01	1.84E+02	-1.22E-02	-6.94E+00
2.71E+01	-9.30E+01	1.84E+02	-2.81E-02	-6.95E+00
2.71E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.94E+00
2.71E+01	-9.30E+01	1.84E+02	-1.46E-02	-6.95E+00
2.71E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.92E+00
2.71E+01	-9.30E+01	1.84E+02	-8.54E-03	-6.93E+00
2.72E+01	-9.30E+01	1.84E+02	-1.59E-02	-6.93E+00
2.72E+01	-9.30E+01	1.84E+02	-3.42E-02	-6.93E+00
2.72E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.93E+00
2.72E+01	-9.30E+01	1.84E+02	-1.10E-02	-6.93E+00
2.72E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.92E+00
2.73E+01	-9.30E+01	1.84E+02	-2.20E-02	-6.92E+00
2.73E+01	-9.30E+01	1.84E+02	-4.39E-02	-6.91E+00
2.73E+01	-9.30E+01	1.84E+02	-2.56E-02	-6.93E+00
2.73E+01	-9.30E+01	1.84E+02	-1.34E-02	-6.93E+00
2.73E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.89E+00
2.74E+01	-9.30E+01	1.84E+02	-1.34E-02	-6.91E+00
2.74E+01	-9.30E+01	1.84E+02	-3.66E-02	-6.91E+00
2.74E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.91E+00
2.74E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.91E+00
2.74E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.90E+00
2.75E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.90E+00
2.75E+01	-9.30E+01	1.84E+02	-1.83E-02	-6.91E+00
2.75E+01	-9.30E+01	1.84E+02	-4.52E-02	-6.90E+00
2.75E+01	-9.30E+01	1.84E+02	-2.93E-02	-6.90E+00
2.75E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.90E+00
2.76E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.89E+00
2.76E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.89E+00
2.76E+01	-9.30E+01	1.84E+02	-1.59E-02	-6.89E+00
2.76E+01	-9.30E+01	1.84E+02	-4.39E-02	-6.89E+00
2.76E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.90E+00
2.77E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.89E+00
2.77E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.88E+00
2.77E+01	-9.30E+01	1.84E+02	1.10E-02	-6.88E+00
2.77E+01	-9.30E+01	1.84E+02	-3.66E-02	-6.88E+00
2.77E+01	-9.30E+01	1.84E+02	-1.34E-02	-6.89E+00
2.78E+01	-9.30E+01	1.84E+02	-1.34E-02	-6.88E+00
2.78E+01	-9.30E+01	1.84E+02	-6.10E-03	-6.87E+00
2.78E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.87E+00
2.78E+01	-9.30E+01	1.84E+02	-3.66E-02	-6.88E+00
2.78E+01	-9.30E+01	1.84E+02	-2.44E-03	-6.88E+00
2.79E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.87E+00

2.79E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.86E+00
2.79E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.88E+00
2.79E+01	-9.30E+01	1.84E+02	-3.17E-02	-6.87E+00
2.79E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.87E+00
2.80E+01	-9.30E+01	1.84E+02	3.66E-03	-6.86E+00
2.80E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.85E+00
2.80E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.85E+00
2.80E+01	-9.30E+01	1.84E+02	-3.05E-02	-6.86E+00
2.80E+01	-9.30E+01	1.84E+02	-3.66E-02	-6.85E+00
2.81E+01	-9.30E+01	1.83E+02	6.10E-03	-6.86E+00
2.81E+01	-9.30E+01	1.84E+02	2.44E-03	-6.85E+00
2.81E+01	-9.30E+01	1.84E+02	-1.46E-02	-6.85E+00
2.81E+01	-9.30E+01	1.83E+02	-4.15E-02	-6.84E+00
2.81E+01	-9.30E+01	1.84E+02	-3.91E-02	-6.85E+00
2.82E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.85E+00
2.82E+01	-9.30E+01	1.84E+02	7.32E-03	-6.85E+00
2.82E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.84E+00
2.82E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.83E+00
2.82E+01	-9.30E+01	1.84E+02	-2.56E-02	-6.85E+00
2.83E+01	-9.30E+01	1.84E+02	-3.66E-02	-6.83E+00
2.83E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.84E+00
2.83E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.84E+00
2.83E+01	-9.30E+01	1.84E+02	-7.32E-03	-6.83E+00
2.83E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.82E+00
2.84E+01	-9.30E+01	1.84E+02	-3.42E-02	-6.83E+00
2.84E+01	-9.30E+01	1.84E+02	-2.69E-02	-6.83E+00
2.84E+01	-9.30E+01	1.83E+02	-2.44E-03	-6.83E+00
2.84E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.82E+00
2.84E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.81E+00
2.85E+01	-9.30E+01	1.84E+02	-1.34E-02	-6.81E+00
2.85E+01	-9.30E+01	1.84E+02	-4.03E-02	-6.82E+00
2.85E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.82E+00
2.85E+01	-9.30E+01	1.83E+02	-8.54E-03	-6.81E+00
2.85E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.80E+00
2.86E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.81E+00
2.86E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.81E+00
2.86E+01	-9.30E+01	1.84E+02	-4.15E-02	-6.80E+00
2.86E+01	-9.30E+01	1.83E+02	-1.10E-02	-6.81E+00
2.86E+01	-9.30E+01	1.83E+02	-1.10E-02	-6.81E+00
2.87E+01	-9.30E+01	1.84E+02	-1.22E-03	-6.78E+00
2.87E+01	-9.30E+01	1.84E+02	-3.17E-02	-6.79E+00
2.87E+01	-9.30E+01	1.84E+02	-2.93E-02	-6.80E+00
2.87E+01	-9.30E+01	1.83E+02	-3.78E-02	-6.80E+00
2.87E+01	-9.30E+01	1.83E+02	-2.93E-02	-6.80E+00
2.88E+01	-9.30E+01	1.83E+02	-1.10E-02	-6.80E+00
2.88E+01	-9.30E+01	1.84E+02	-9.77E-03	-6.79E+00
2.88E+01	-9.30E+01	1.83E+02	0.00E+00	-6.78E+00

2.88E+01	-9.30E+01	1.84E+02	-3.30E-02	-6.78E+00
2.88E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.79E+00
2.89E+01	-9.30E+01	1.83E+02	-1.59E-02	-6.80E+00
2.89E+01	-9.30E+01	1.84E+02	-2.32E-02	-6.76E+00
2.89E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.78E+00
2.89E+01	-9.30E+01	1.84E+02	-2.08E-02	-6.78E+00
2.89E+01	-9.30E+01	1.83E+02	-3.66E-02	-6.77E+00
2.90E+01	-9.30E+01	1.83E+02	-2.44E-03	-6.78E+00
2.90E+01	-9.30E+01	1.83E+02	-1.22E-02	-6.79E+00
2.90E+01	-9.30E+01	1.83E+02	-2.44E-03	-6.77E+00
2.90E+01	-9.30E+01	1.83E+02	-1.22E-02	-6.77E+00
2.90E+01	-9.30E+01	1.84E+02	8.54E-03	-6.77E+00
2.91E+01	-9.30E+01	1.84E+02	-3.17E-02	-6.76E+00
2.91E+01	-9.30E+01	1.84E+02	-2.81E-02	-6.77E+00
2.91E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.78E+00
2.91E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.76E+00
2.91E+01	-9.30E+01	1.84E+02	1.22E-03	-6.76E+00
2.92E+01	-9.30E+01	1.84E+02	9.77E-03	-6.75E+00
2.92E+01	-9.30E+01	1.84E+02	-3.66E-03	-6.76E+00
2.92E+01	-9.30E+01	1.83E+02	-3.91E-02	-6.76E+00
2.92E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.76E+00
2.92E+01	-9.30E+01	1.84E+02	-1.22E-03	-6.75E+00
2.93E+01	-9.30E+01	1.84E+02	-3.42E-02	-6.75E+00
2.93E+01	-9.30E+01	1.83E+02	-3.66E-02	-6.75E+00
2.93E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.76E+00
2.93E+01	-9.30E+01	1.84E+02	2.44E-03	-6.74E+00
2.93E+01	-9.30E+01	1.84E+02	1.10E-02	-6.74E+00
2.94E+01	-9.30E+01	1.83E+02	-2.69E-02	-6.74E+00
2.94E+01	-9.30E+01	1.83E+02	-3.17E-02	-6.75E+00
2.94E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.75E+00
2.94E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.73E+00
2.94E+01	-9.30E+01	1.84E+02	-1.83E-02	-6.73E+00
2.95E+01	-9.30E+01	1.83E+02	-3.42E-02	-6.73E+00
2.95E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.74E+00
2.95E+01	-9.30E+01	1.83E+02	3.66E-03	-6.73E+00
2.95E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.73E+00
2.95E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.70E+00
2.96E+01	-9.30E+01	1.83E+02	-3.17E-02	-6.73E+00
2.96E+01	-9.30E+01	1.83E+02	-2.93E-02	-6.73E+00
2.96E+01	-9.30E+01	1.83E+02	-6.10E-03	-6.75E+00
2.96E+01	-9.30E+01	1.83E+02	1.95E-02	-6.73E+00
2.96E+01	-9.30E+01	1.83E+02	-2.44E-03	-6.70E+00
2.97E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.71E+00
2.97E+01	-9.30E+01	1.83E+02	-5.49E-02	-6.70E+00
2.97E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.72E+00
2.97E+01	-9.30E+01	1.83E+02	0.00E+00	-6.72E+00
2.97E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.70E+00

2.98E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.71E+00
2.98E+01	-9.30E+01	1.83E+02	-3.17E-02	-6.70E+00
2.98E+01	-9.30E+01	1.83E+02	-2.93E-02	-6.71E+00
2.98E+01	-9.30E+01	1.83E+02	2.44E-03	-6.69E+00
2.98E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.70E+00
2.99E+01	-9.30E+01	1.83E+02	-6.10E-03	-6.69E+00
2.99E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.70E+00
2.99E+01	-9.30E+01	1.83E+02	-1.10E-02	-6.71E+00
2.99E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.71E+00
2.99E+01	-9.30E+01	1.83E+02	2.44E-03	-6.70E+00
3.00E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.71E+00
3.00E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.68E+00
3.00E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.69E+00
3.00E+01	-9.30E+01	1.83E+02	-3.91E-02	-6.69E+00
3.00E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.69E+00
3.01E+01	-9.30E+01	1.83E+02	-8.54E-03	-6.69E+00
3.01E+01	-9.30E+01	1.83E+02	-1.10E-02	-6.68E+00
3.01E+01	-9.30E+01	1.83E+02	1.95E-02	-6.68E+00
3.01E+01	-9.30E+01	1.83E+02	-2.20E-02	-6.67E+00
3.01E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.68E+00
3.02E+01	-9.30E+01	1.83E+02	3.66E-03	-6.68E+00
3.02E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.66E+00
3.02E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.67E+00
3.02E+01	-9.30E+01	1.83E+02	-2.93E-02	-6.68E+00
3.02E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.67E+00
3.03E+01	-9.30E+01	1.83E+02	1.46E-02	-6.66E+00
3.03E+01	-9.30E+01	1.83E+02	-1.10E-02	-6.66E+00
3.03E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.66E+00
3.03E+01	-9.30E+01	1.82E+02	-3.17E-02	-6.67E+00
3.03E+01	-9.30E+01	1.83E+02	-2.20E-02	-6.67E+00
3.04E+01	-9.30E+01	1.83E+02	1.22E-03	-6.66E+00
3.04E+01	-9.30E+01	1.83E+02	4.88E-03	-6.66E+00
3.04E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.64E+00
3.04E+01	-9.30E+01	1.83E+02	-2.56E-02	-6.64E+00
3.04E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.65E+00
3.05E+01	-9.30E+01	1.83E+02	-3.91E-02	-6.65E+00
3.05E+01	-9.30E+01	1.83E+02	-3.54E-02	-6.65E+00
3.05E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.65E+00
3.05E+01	-9.30E+01	1.83E+02	-6.10E-03	-6.64E+00
3.05E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.64E+00
3.06E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.64E+00
3.06E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.64E+00
3.06E+01	-9.30E+01	1.83E+02	2.44E-03	-6.64E+00
3.06E+01	-9.30E+01	1.83E+02	1.22E-03	-6.64E+00
3.06E+01	-9.30E+01	1.83E+02	-3.54E-02	-6.64E+00
3.07E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.64E+00
3.07E+01	-9.30E+01	1.82E+02	-2.32E-02	-6.64E+00

3.07E+01	-9.30E+01	1.82E+02	-3.30E-02	-6.63E+00
3.07E+01	-9.30E+01	1.83E+02	4.88E-03	-6.63E+00
3.07E+01	-9.30E+01	1.83E+02	-8.54E-03	-6.62E+00
3.08E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.62E+00
3.08E+01	-9.30E+01	1.83E+02	-4.15E-02	-6.63E+00
3.08E+01	-9.30E+01	1.82E+02	-3.91E-02	-6.63E+00
3.08E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.62E+00
3.08E+01	-9.30E+01	1.83E+02	2.69E-02	-6.62E+00
3.09E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.62E+00
3.09E+01	-9.30E+01	1.82E+02	2.44E-03	-6.61E+00
3.09E+01	-9.30E+01	1.83E+02	1.46E-02	-6.60E+00
3.09E+01	-9.30E+01	1.83E+02	-2.32E-02	-6.61E+00
3.09E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.61E+00
3.10E+01	-9.30E+01	1.82E+02	-2.81E-02	-6.61E+00
3.10E+01	-9.30E+01	1.82E+02	-4.64E-02	-6.60E+00
3.10E+01	-9.30E+01	1.82E+02	7.32E-03	-6.61E+00
3.10E+01	-9.30E+01	1.82E+02	-1.22E-03	-6.60E+00
3.10E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.59E+00
3.11E+01	-9.30E+01	1.82E+02	-1.59E-02	-6.60E+00
3.11E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.61E+00
3.11E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.59E+00
3.11E+01	-9.30E+01	1.82E+02	-2.32E-02	-6.59E+00
3.11E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.59E+00
3.12E+01	-9.30E+01	1.82E+02	-2.32E-02	-6.59E+00
3.12E+01	-9.30E+01	1.82E+02	-3.91E-02	-6.60E+00
3.12E+01	-9.30E+01	1.82E+02	-1.34E-02	-6.59E+00
3.12E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.58E+00
3.12E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.58E+00
3.13E+01	-9.30E+01	1.82E+02	-3.30E-02	-6.58E+00
3.13E+01	-9.30E+01	1.82E+02	-1.34E-02	-6.59E+00
3.13E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.58E+00
3.13E+01	-9.30E+01	1.82E+02	2.44E-03	-6.57E+00
3.13E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.57E+00
3.14E+01	-9.30E+01	1.82E+02	-4.15E-02	-6.57E+00
3.14E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.58E+00
3.14E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.58E+00
3.14E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.57E+00
3.14E+01	-9.30E+01	1.82E+02	-8.54E-03	-6.56E+00
3.15E+01	-9.30E+01	1.82E+02	-3.66E-02	-6.56E+00
3.15E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.57E+00
3.15E+01	-9.30E+01	1.82E+02	-2.69E-02	-6.57E+00
3.15E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.56E+00
3.15E+01	-9.30E+01	1.82E+02	0.00E+00	-6.55E+00
3.16E+01	-9.30E+01	1.82E+02	-1.10E-02	-6.55E+00
3.16E+01	-9.30E+01	1.82E+02	-3.17E-02	-6.55E+00
3.16E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.56E+00
3.16E+01	-9.30E+01	1.82E+02	-1.34E-02	-6.55E+00

3.16E+01	-9.30E+01	1.82E+02	9.77E-03	-6.54E+00
3.17E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.55E+00
3.17E+01	-9.30E+01	1.82E+02	-3.91E-02	-6.54E+00
3.17E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.54E+00
3.17E+01	-9.30E+01	1.82E+02	-6.10E-03	-6.55E+00
3.17E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.53E+00
3.18E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.54E+00
3.18E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.54E+00
3.18E+01	-9.30E+01	1.82E+02	-4.15E-02	-6.54E+00
3.18E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.55E+00
3.18E+01	-9.30E+01	1.82E+02	1.10E-02	-6.53E+00
3.19E+01	-9.30E+01	1.82E+02	1.71E-02	-6.52E+00
3.19E+01	-9.30E+01	1.82E+02	-2.81E-02	-6.53E+00
3.19E+01	-9.30E+01	1.82E+02	-3.66E-02	-6.53E+00
3.19E+01	-9.30E+01	1.82E+02	-3.42E-02	-6.54E+00
3.19E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.54E+00
3.20E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.51E+00
3.20E+01	-9.30E+01	1.82E+02	-2.81E-02	-6.52E+00
3.20E+01	-9.30E+01	1.82E+02	-4.88E-02	-6.51E+00
3.20E+01	-9.30E+01	1.82E+02	-4.39E-02	-6.52E+00
3.20E+01	-9.30E+01	1.82E+02	-8.54E-03	-6.53E+00
3.21E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.51E+00
3.21E+01	-9.30E+01	1.82E+02	3.66E-03	-6.50E+00
3.21E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.51E+00
3.21E+01	-9.30E+01	1.82E+02	-3.91E-02	-6.51E+00
3.21E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.52E+00
3.22E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.51E+00
3.22E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.50E+00
3.22E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.50E+00
3.22E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.51E+00
3.22E+01	-9.30E+01	1.82E+02	-4.15E-02	-6.50E+00
3.23E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.50E+00
3.23E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.51E+00
3.23E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.48E+00
3.23E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.49E+00
3.23E+01	-9.30E+01	1.82E+02	-3.66E-02	-6.49E+00
3.24E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.50E+00
3.24E+01	-9.30E+01	1.81E+02	2.44E-03	-6.50E+00
3.24E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.48E+00
3.24E+01	-9.30E+01	1.82E+02	-2.44E-03	-6.49E+00
3.24E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.49E+00
3.25E+01	-9.30E+01	1.82E+02	-3.66E-02	-6.48E+00
3.25E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.49E+00
3.25E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.49E+00
3.25E+01	-9.30E+01	1.82E+02	1.46E-02	-6.48E+00
3.25E+01	-9.30E+01	1.82E+02	0.00E+00	-6.47E+00
3.26E+01	-9.30E+01	1.82E+02	-1.22E-03	-6.47E+00

3.26E+01	-9.30E+01	1.82E+02	-4.88E-02	-6.46E+00
3.26E+01	-9.30E+01	1.82E+02	-2.81E-02	-6.48E+00
3.26E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.48E+00
3.26E+01	-9.30E+01	1.81E+02	-2.32E-02	-6.47E+00
3.27E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.46E+00
3.27E+01	-9.30E+01	1.81E+02	7.32E-03	-6.46E+00
3.27E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.45E+00
3.27E+01	-9.30E+01	1.82E+02	-5.37E-02	-6.46E+00
3.27E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.46E+00
3.28E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.46E+00
3.28E+01	-9.30E+01	1.82E+02	7.32E-03	-6.45E+00
3.28E+01	-9.30E+01	1.82E+02	-3.91E-02	-6.45E+00
3.28E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.45E+00
3.28E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.46E+00
3.29E+01	-9.30E+01	1.81E+02	-8.54E-03	-6.45E+00
3.29E+01	-9.30E+01	1.81E+02	-2.44E-03	-6.44E+00
3.29E+01	-9.30E+01	1.82E+02	-1.22E-03	-6.44E+00
3.29E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.43E+00
3.29E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.44E+00
3.30E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.44E+00
3.30E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.44E+00
3.30E+01	-9.30E+01	1.82E+02	8.54E-03	-6.43E+00
3.30E+01	-9.30E+01	1.82E+02	-1.83E-02	-6.44E+00
3.30E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.42E+00
3.31E+01	-9.30E+01	1.82E+02	-3.05E-02	-6.44E+00
3.31E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.42E+00
3.31E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.42E+00
3.31E+01	-9.30E+01	1.81E+02	-1.22E-03	-6.42E+00
3.31E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.41E+00
3.32E+01	-9.30E+01	1.82E+02	-8.54E-03	-6.42E+00
3.32E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.42E+00
3.32E+01	-9.30E+01	1.82E+02	-1.83E-02	-6.42E+00
3.32E+01	-9.30E+01	1.81E+02	4.88E-03	-6.43E+00
3.32E+01	-9.30E+01	1.81E+02	2.93E-02	-6.41E+00
3.33E+01	-9.30E+01	1.82E+02	-1.59E-02	-6.40E+00
3.33E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.42E+00
3.33E+01	-9.30E+01	1.81E+02	-4.39E-02	-6.42E+00
3.33E+01	-9.30E+01	1.81E+02	2.56E-02	-6.41E+00
3.33E+01	-9.30E+01	1.81E+02	7.32E-03	-6.40E+00
3.34E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.40E+00
3.34E+01	-9.30E+01	1.82E+02	1.22E-02	-6.40E+00
3.34E+01	-9.30E+01	1.81E+02	-4.15E-02	-6.39E+00
3.34E+01	-9.30E+01	1.81E+02	-3.91E-02	-6.40E+00
3.34E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.40E+00
3.35E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.40E+00
3.35E+01	-9.30E+01	1.82E+02	7.32E-03	-6.38E+00
3.35E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.38E+00

3.35E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.39E+00
3.35E+01	-9.30E+01	1.81E+02	-3.42E-02	-6.40E+00
3.36E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.39E+00
3.36E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.39E+00
3.36E+01	-9.30E+01	1.81E+02	-8.54E-03	-6.38E+00
3.36E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.37E+00
3.36E+01	-9.30E+01	1.81E+02	-4.03E-02	-6.38E+00
3.37E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.38E+00
3.37E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.38E+00
3.37E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.37E+00
3.37E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.36E+00
3.37E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.38E+00
3.38E+01	-9.30E+01	1.81E+02	-4.76E-02	-6.37E+00
3.38E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.38E+00
3.38E+01	-9.30E+01	1.81E+02	-1.10E-02	-6.37E+00
3.38E+01	-9.30E+01	1.81E+02	1.22E-03	-6.37E+00
3.38E+01	-9.30E+01	1.81E+02	-3.66E-03	-6.36E+00
3.39E+01	-9.30E+01	1.82E+02	-3.05E-02	-6.36E+00
3.39E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.35E+00
3.39E+01	-9.30E+01	1.81E+02	7.32E-03	-6.37E+00
3.39E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.35E+00
3.39E+01	-9.30E+01	1.81E+02	-6.10E-03	-6.34E+00
3.40E+01	-9.30E+01	1.82E+02	-3.30E-02	-6.36E+00
3.40E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.35E+00
3.40E+01	-9.30E+01	1.81E+02	-1.83E-02	-6.35E+00
3.40E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.36E+00
3.40E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.34E+00
3.41E+01	-9.30E+01	1.81E+02	1.10E-02	-6.34E+00
3.41E+01	-9.30E+01	1.81E+02	-2.81E-02	-6.34E+00
3.41E+01	-9.30E+01	1.81E+02	-5.37E-02	-6.34E+00
3.41E+01	-9.30E+01	1.81E+02	-4.03E-02	-6.35E+00
3.41E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.34E+00
3.42E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.33E+00
3.42E+01	-9.30E+01	1.81E+02	-1.10E-02	-6.33E+00
3.42E+01	-9.30E+01	1.81E+02	-4.39E-02	-6.33E+00
3.42E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.34E+00
3.42E+01	-9.30E+01	1.81E+02	-8.54E-03	-6.34E+00
3.43E+01	-9.30E+01	1.81E+02	-3.66E-03	-6.32E+00
3.43E+01	-9.30E+01	1.81E+02	-8.54E-03	-6.32E+00
3.43E+01	-9.30E+01	1.81E+02	-3.78E-02	-6.32E+00
3.43E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.33E+00
3.43E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.33E+00
3.44E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.32E+00
3.44E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.31E+00
3.44E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.32E+00
3.44E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.32E+00
3.44E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.32E+00

3.45E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.32E+00
3.45E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.30E+00
3.45E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.30E+00
3.45E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.30E+00
3.45E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.31E+00
3.46E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.31E+00
3.46E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.30E+00
3.46E+01	-9.30E+01	1.81E+02	-1.22E-03	-6.29E+00
3.46E+01	-9.30E+01	1.81E+02	-1.59E-02	-6.30E+00
3.46E+01	-9.30E+01	1.81E+02	-4.03E-02	-6.30E+00
3.47E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.30E+00
3.47E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.29E+00
3.47E+01	-9.30E+01	1.81E+02	-1.83E-02	-6.28E+00
3.47E+01	-9.30E+01	1.81E+02	-1.34E-02	-6.29E+00
3.47E+01	-9.30E+01	1.81E+02	-3.42E-02	-6.29E+00
3.48E+01	-9.30E+01	1.81E+02	-3.42E-02	-6.29E+00
3.48E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.29E+00
3.48E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.28E+00
3.48E+01	-9.30E+01	1.81E+02	-1.10E-02	-6.26E+00
3.48E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.28E+00
3.49E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.28E+00
3.49E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.28E+00
3.49E+01	-9.30E+01	1.81E+02	0.00E+00	-6.29E+00
3.49E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.27E+00
3.49E+01	-9.30E+01	1.81E+02	-3.30E-02	-6.27E+00
3.50E+01	-9.30E+01	1.81E+02	-3.78E-02	-6.26E+00
3.50E+01	-9.30E+01	1.81E+02	2.69E-02	-6.28E+00
3.50E+01	-9.30E+01	1.81E+02	0.00E+00	-6.27E+00
3.50E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.25E+00
3.50E+01	-9.30E+01	1.81E+02	-2.44E-03	-6.27E+00
3.51E+01	-9.30E+01	1.81E+02	-4.15E-02	-6.26E+00
3.51E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.26E+00
3.51E+01	-9.30E+01	1.81E+02	-2.44E-03	-6.25E+00
3.51E+01	-9.30E+01	1.81E+02	1.46E-02	-6.25E+00
3.51E+01	-9.30E+01	1.81E+02	-3.91E-02	-6.26E+00
3.52E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.26E+00
3.52E+01	-9.30E+01	1.81E+02	-2.08E-02	-6.26E+00
3.52E+01	-9.30E+01	1.80E+02	9.77E-03	-6.25E+00
3.52E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.24E+00
3.52E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.23E+00
3.53E+01	-9.30E+01	1.81E+02	-4.39E-02	-6.24E+00
3.53E+01	-9.30E+01	1.81E+02	-3.66E-02	-6.24E+00
3.53E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.25E+00
3.53E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.24E+00
3.53E+01	-9.30E+01	1.81E+02	4.88E-03	-6.23E+00
3.54E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.23E+00
3.54E+01	-9.30E+01	1.81E+02	-3.05E-02	-6.23E+00

3.54E+01	-9.30E+01	1.81E+02	-3.05E-02	-6.24E+00
3.54E+01	-9.30E+01	1.81E+02	1.46E-02	-6.23E+00
3.54E+01	-9.30E+01	1.81E+02	0.00E+00	-6.22E+00
3.55E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.22E+00
3.55E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.23E+00
3.55E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.23E+00
3.55E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.23E+00
3.55E+01	-9.30E+01	1.81E+02	2.44E-03	-6.22E+00
3.56E+01	-9.30E+01	1.81E+02	-1.34E-02	-6.21E+00
3.56E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.21E+00
3.56E+01	-9.30E+01	1.81E+02	-3.42E-02	-6.22E+00
3.56E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.22E+00
3.56E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.21E+00
3.57E+01	-9.30E+01	1.81E+02	-2.44E-03	-6.20E+00
3.57E+01	-9.30E+01	1.81E+02	-8.54E-03	-6.19E+00
3.57E+01	-9.30E+01	1.81E+02	-2.08E-02	-6.19E+00
3.57E+01	-9.30E+01	1.80E+02	-3.91E-02	-6.20E+00
3.57E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.21E+00
3.58E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.21E+00
3.58E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.19E+00
3.58E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.19E+00
3.58E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.20E+00
3.58E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.21E+00
3.59E+01	-9.30E+01	1.80E+02	1.59E-02	-6.19E+00
3.59E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.18E+00
3.59E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.19E+00
3.59E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.20E+00
3.59E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.19E+00
3.60E+01	-9.30E+01	1.81E+02	0.00E+00	-6.18E+00
3.60E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.19E+00
3.60E+01	-9.30E+01	1.81E+02	-3.42E-02	-6.18E+00
3.60E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.19E+00
3.60E+01	-9.30E+01	1.80E+02	-2.81E-02	-6.19E+00
3.61E+01	-9.30E+01	1.80E+02	1.22E-03	-6.19E+00
3.61E+01	-9.30E+01	1.80E+02	-3.66E-03	-6.18E+00
3.61E+01	-9.30E+01	1.80E+02	-2.56E-02	-6.16E+00
3.61E+01	-9.30E+01	1.81E+02	-3.30E-02	-6.17E+00
3.61E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.18E+00
3.62E+01	-9.30E+01	1.80E+02	-1.59E-02	-6.17E+00
3.62E+01	-9.30E+01	1.80E+02	2.44E-03	-6.17E+00
3.62E+01	-9.30E+01	1.80E+02	-3.54E-02	-6.15E+00
3.62E+01	-9.30E+01	1.81E+02	-1.59E-02	-6.16E+00
3.62E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.16E+00
3.63E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.16E+00
3.63E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.16E+00
3.63E+01	-9.30E+01	1.80E+02	9.77E-03	-6.16E+00
3.63E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.15E+00

3.63E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.14E+00
3.64E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.16E+00
3.64E+01	-9.30E+01	1.80E+02	-2.32E-02	-6.15E+00
3.64E+01	-9.30E+01	1.80E+02	1.22E-03	-6.15E+00
3.64E+01	-9.30E+01	1.80E+02	3.66E-03	-6.15E+00
3.64E+01	-9.30E+01	1.80E+02	-3.66E-02	-6.14E+00
3.65E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.15E+00
3.65E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.15E+00
3.65E+01	-9.30E+01	1.80E+02	2.44E-03	-6.15E+00
3.65E+01	-9.30E+01	1.80E+02	0.00E+00	-6.13E+00
3.65E+01	-9.30E+01	1.81E+02	-3.05E-02	-6.13E+00
3.66E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.14E+00
3.66E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.14E+00
3.66E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.13E+00
3.66E+01	-9.30E+01	1.81E+02	-6.10E-03	-6.12E+00
3.66E+01	-9.30E+01	1.81E+02	-4.27E-02	-6.12E+00
3.67E+01	-9.30E+01	1.80E+02	-2.81E-02	-6.13E+00
3.67E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.13E+00
3.67E+01	-9.30E+01	1.80E+02	-1.10E-02	-6.12E+00
3.67E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.11E+00
3.67E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.12E+00
3.68E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.12E+00
3.68E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.13E+00
3.68E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.11E+00
3.68E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.11E+00
3.68E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.10E+00
3.69E+01	-9.30E+01	1.80E+02	-4.76E-02	-6.11E+00
3.69E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.11E+00
3.69E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.11E+00
3.69E+01	-9.30E+01	1.80E+02	9.77E-03	-6.09E+00
3.69E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.10E+00
3.70E+01	-9.30E+01	1.80E+02	-4.03E-02	-6.10E+00
3.70E+01	-9.30E+01	1.80E+02	8.54E-03	-6.11E+00
3.70E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.09E+00
3.70E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.08E+00
3.70E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.09E+00
3.71E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.09E+00
3.71E+01	-9.30E+01	1.80E+02	2.44E-03	-6.09E+00
3.71E+01	-9.30E+01	1.80E+02	-3.66E-03	-6.09E+00
3.71E+01	-9.30E+01	1.81E+02	-2.44E-03	-6.08E+00
3.71E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.09E+00
3.72E+01	-9.30E+01	1.80E+02	-3.05E-02	-6.09E+00
3.72E+01	-9.30E+01	1.80E+02	4.88E-03	-6.08E+00
3.72E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.07E+00
3.72E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.07E+00
3.72E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.09E+00
3.73E+01	-9.30E+01	1.80E+02	0.00E+00	-6.07E+00

3.73E+01	-9.30E+01	1.80E+02	7.32E-03	-6.07E+00
3.73E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.06E+00
3.73E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.06E+00
3.73E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.08E+00
3.74E+01	-9.30E+01	1.80E+02	-1.34E-02	-6.07E+00
3.74E+01	-9.30E+01	1.80E+02	2.44E-03	-6.06E+00
3.74E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.07E+00
3.74E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.05E+00
3.74E+01	-9.30E+01	1.80E+02	-3.05E-02	-6.06E+00
3.75E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.07E+00
3.75E+01	-9.30E+01	1.80E+02	-1.34E-02	-6.05E+00
3.75E+01	-9.30E+01	1.80E+02	2.44E-03	-6.05E+00
3.75E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.05E+00
3.75E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.06E+00
3.76E+01	-9.30E+01	1.80E+02	-1.22E-03	-6.06E+00
3.76E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.04E+00
3.76E+01	-9.30E+01	1.80E+02	2.44E-03	-6.04E+00
3.76E+01	-9.30E+01	1.80E+02	-5.13E-02	-6.04E+00
3.76E+01	-9.30E+01	1.80E+02	-4.88E-02	-6.04E+00
3.77E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.05E+00
3.77E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.04E+00
3.77E+01	-9.30E+01	1.80E+02	-3.05E-02	-6.03E+00
3.77E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.04E+00
3.77E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.04E+00
3.78E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.03E+00
3.78E+01	-9.30E+01	1.80E+02	0.00E+00	-6.03E+00
3.78E+01	-9.30E+01	1.80E+02	-2.08E-02	-6.02E+00
3.78E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.03E+00
3.78E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.03E+00
3.79E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.03E+00
3.79E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.03E+00
3.79E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.01E+00
3.79E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.01E+00
3.79E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.02E+00
3.80E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.02E+00
3.80E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.02E+00
3.80E+01	-9.30E+01	1.80E+02	2.44E-03	-6.01E+00
3.80E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.00E+00
3.80E+01	-9.30E+01	1.80E+02	-2.56E-02	-6.01E+00
3.81E+01	-9.30E+01	1.80E+02	-3.91E-02	-6.01E+00
3.81E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.01E+00
3.81E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.01E+00
3.81E+01	-9.30E+01	1.80E+02	-7.32E-03	-5.99E+00
3.81E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.00E+00
3.82E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.00E+00
3.82E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.00E+00
3.82E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.00E+00

3.82E+01	-9.30E+01	1.80E+02	-3.42E-02	-5.98E+00
3.82E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.00E+00
3.83E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.00E+00
3.83E+01	-9.30E+01	1.80E+02	-3.66E-03	-6.00E+00
3.83E+01	-9.30E+01	1.80E+02	2.44E-03	-5.98E+00
3.83E+01	-9.30E+01	1.80E+02	-2.20E-02	-5.98E+00
3.83E+01	-9.30E+01	1.80E+02	-2.20E-02	-5.98E+00
3.84E+01	-9.30E+01	1.79E+02	-3.05E-02	-5.99E+00
3.84E+01	-9.30E+01	1.80E+02	-2.20E-02	-5.99E+00
3.84E+01	-9.30E+01	1.80E+02	4.88E-03	-5.98E+00
3.84E+01	-9.30E+01	1.80E+02	2.44E-03	-5.97E+00
3.84E+01	-9.30E+01	1.80E+02	-1.46E-02	-5.97E+00
3.85E+01	-9.30E+01	1.80E+02	-2.93E-02	-5.97E+00
3.85E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.99E+00
3.85E+01	-9.30E+01	1.79E+02	-4.88E-03	-5.97E+00
3.85E+01	-9.30E+01	1.80E+02	9.77E-03	-5.97E+00
3.85E+01	-9.30E+01	1.80E+02	-1.34E-02	-5.96E+00
3.86E+01	-9.30E+01	1.80E+02	-2.81E-02	-5.95E+00
3.86E+01	-9.30E+01	1.80E+02	-3.17E-02	-5.97E+00
3.86E+01	-9.30E+01	1.80E+02	-2.93E-02	-5.96E+00
3.86E+01	-9.30E+01	1.80E+02	-1.22E-03	-5.97E+00
3.86E+01	-9.30E+01	1.80E+02	-1.22E-03	-5.96E+00
3.87E+01	-9.30E+01	1.80E+02	-2.08E-02	-5.94E+00
3.87E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.95E+00
3.87E+01	-9.30E+01	1.79E+02	-3.05E-02	-5.95E+00
3.87E+01	-9.30E+01	1.80E+02	-4.88E-03	-5.95E+00
3.87E+01	-9.30E+01	1.80E+02	-7.32E-03	-5.94E+00
3.88E+01	-9.30E+01	1.80E+02	-2.69E-02	-5.93E+00
3.88E+01	-9.30E+01	1.80E+02	-3.42E-02	-5.94E+00
3.88E+01	-9.30E+01	1.80E+02	-1.59E-02	-5.96E+00
3.88E+01	-9.30E+01	1.79E+02	-4.88E-03	-5.94E+00
3.88E+01	-9.30E+01	1.80E+02	-2.93E-02	-5.92E+00
3.89E+01	-9.30E+01	1.80E+02	-3.91E-02	-5.94E+00
3.89E+01	-9.30E+01	1.80E+02	-2.69E-02	-5.94E+00
3.89E+01	-9.30E+01	1.80E+02	-1.71E-02	-5.93E+00
3.89E+01	-9.30E+01	1.80E+02	-2.44E-02	-5.92E+00
3.89E+01	-9.30E+01	1.80E+02	-1.95E-02	-5.92E+00
3.90E+01	-9.30E+01	1.80E+02	-3.66E-02	-5.93E+00
3.90E+01	-9.30E+01	1.80E+02	0.00E+00	-5.94E+00
3.90E+01	-9.30E+01	1.79E+02	-2.44E-03	-5.94E+00
3.90E+01	-9.30E+01	1.80E+02	-3.66E-03	-5.91E+00
3.90E+01	-9.30E+01	1.80E+02	-4.88E-03	-5.92E+00
3.91E+01	-9.30E+01	1.80E+02	-4.39E-02	-5.92E+00
3.91E+01	-9.30E+01	1.80E+02	-3.91E-02	-5.91E+00
3.91E+01	-9.30E+01	1.80E+02	-2.44E-02	-5.92E+00
3.91E+01	-9.30E+01	1.79E+02	7.32E-03	-5.92E+00
3.91E+01	-9.30E+01	1.80E+02	-3.66E-03	-5.91E+00

3.92E+01	-9.30E+01	1.80E+02	1.34E-02	-5.91E+00
3.92E+01	-9.30E+01	1.80E+02	-1.22E-02	-5.91E+00
3.92E+01	-9.30E+01	1.80E+02	-1.71E-02	-5.90E+00
3.92E+01	-9.30E+01	1.80E+02	-3.42E-02	-5.91E+00
3.92E+01	-9.30E+01	1.80E+02	-1.46E-02	-5.91E+00
3.93E+01	-9.30E+01	1.80E+02	-2.44E-02	-5.90E+00
3.93E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.89E+00
3.93E+01	-9.30E+01	1.80E+02	-3.66E-02	-5.89E+00
3.93E+01	-9.30E+01	1.80E+02	-2.93E-02	-5.90E+00
3.93E+01	-9.30E+01	1.79E+02	-3.91E-02	-5.91E+00
3.94E+01	-9.30E+01	1.79E+02	-6.10E-03	-5.90E+00
3.94E+01	-9.30E+01	1.80E+02	7.32E-03	-5.89E+00
3.94E+01	-9.30E+01	1.80E+02	-4.03E-02	-5.88E+00
3.94E+01	-9.30E+01	1.80E+02	-1.95E-02	-5.89E+00
3.94E+01	-9.30E+01	1.80E+02	-1.46E-02	-5.90E+00
3.95E+01	-9.30E+01	1.79E+02	-2.20E-02	-5.90E+00
3.95E+01	-9.30E+01	1.79E+02	-4.88E-03	-5.88E+00
3.95E+01	-9.30E+01	1.80E+02	-3.66E-03	-5.88E+00
3.95E+01	-9.30E+01	1.80E+02	-2.44E-02	-5.88E+00
3.95E+01	-9.30E+01	1.80E+02	-2.93E-02	-5.88E+00
3.96E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.89E+00
3.96E+01	-9.30E+01	1.79E+02	-2.44E-03	-5.88E+00
3.96E+01	-9.30E+01	1.80E+02	4.88E-03	-5.87E+00
3.96E+01	-9.30E+01	1.79E+02	-2.56E-02	-5.87E+00
3.96E+01	-9.30E+01	1.80E+02	-4.15E-02	-5.86E+00
3.97E+01	-9.30E+01	1.80E+02	-2.08E-02	-5.88E+00
3.97E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.88E+00
3.97E+01	-9.30E+01	1.79E+02	-7.32E-03	-5.85E+00
3.97E+01	-9.30E+01	1.80E+02	-1.34E-02	-5.86E+00
3.97E+01	-9.30E+01	1.80E+02	-3.17E-02	-5.86E+00
3.98E+01	-9.30E+01	1.80E+02	-2.20E-02	-5.87E+00
3.98E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.86E+00
3.98E+01	-9.30E+01	1.79E+02	-1.22E-02	-5.85E+00
3.98E+01	-9.30E+01	1.80E+02	2.44E-03	-5.85E+00
3.98E+01	-9.30E+01	1.80E+02	-9.77E-03	-5.85E+00
3.99E+01	-9.30E+01	1.80E+02	-2.44E-02	-5.84E+00
3.99E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.86E+00
3.99E+01	-9.30E+01	1.79E+02	-1.71E-02	-5.85E+00
3.99E+01	-9.30E+01	1.79E+02	-2.20E-02	-5.84E+00
3.99E+01	-9.30E+01	1.80E+02	-2.08E-02	-5.84E+00
4.00E+01	-9.30E+01	1.80E+02	-3.78E-02	-5.84E+00
4.00E+01	-9.30E+01	1.79E+02	-2.20E-02	-5.84E+00
4.00E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.84E+00
4.00E+01	-9.30E+01	1.80E+02	-7.32E-03	-5.83E+00
4.00E+01	-9.30E+01	1.79E+02	-9.77E-03	-5.83E+00
4.01E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.85E+00
4.01E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.84E+00

4.01E+01	-9.30E+01	1.79E+02	-2.08E-02	-5.84E+00
4.01E+01	-9.30E+01	1.79E+02	-1.22E-02	-5.81E+00
4.01E+01	-9.30E+01	1.80E+02	1.22E-02	-5.83E+00
4.02E+01	-9.30E+01	1.80E+02	-3.42E-02	-5.83E+00
4.02E+01	-9.30E+01	1.79E+02	-3.66E-02	-5.83E+00
4.02E+01	-9.30E+01	1.79E+02	-4.88E-02	-5.83E+00
4.02E+01	-9.30E+01	1.79E+02	-3.66E-03	-5.82E+00
4.02E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.81E+00
4.03E+01	-9.30E+01	1.79E+02	-3.42E-02	-5.83E+00
4.03E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.81E+00
4.03E+01	-9.30E+01	1.79E+02	-1.71E-02	-5.82E+00
4.03E+01	-9.30E+01	1.79E+02	-1.22E-02	-5.81E+00
4.03E+01	-9.30E+01	1.79E+02	-7.32E-03	-5.80E+00
4.04E+01	-9.30E+01	1.80E+02	-9.77E-03	-5.81E+00
4.04E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.81E+00
4.04E+01	-9.30E+01	1.79E+02	-3.66E-03	-5.81E+00
4.04E+01	-9.30E+01	1.79E+02	-1.34E-02	-5.80E+00
4.04E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.79E+00
4.05E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.81E+00
4.05E+01	-9.30E+01	1.79E+02	0.00E+00	-5.81E+00
4.05E+01	-9.30E+01	1.79E+02	2.32E-02	-5.80E+00
4.05E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.79E+00
4.05E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.80E+00
4.06E+01	-9.30E+01	1.79E+02	-3.17E-02	-5.80E+00
4.06E+01	-9.30E+01	1.79E+02	-1.10E-02	-5.78E+00
4.06E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.79E+00
4.06E+01	-9.30E+01	1.79E+02	-1.71E-02	-5.79E+00
4.06E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.79E+00
4.07E+01	-9.30E+01	1.79E+02	-1.22E-02	-5.79E+00
4.07E+01	-9.30E+01	1.79E+02	0.00E+00	-5.78E+00
4.07E+01	-9.30E+01	1.79E+02	-4.39E-02	-5.77E+00
4.07E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.78E+00
4.07E+01	-9.30E+01	1.79E+02	-1.83E-02	-5.78E+00
4.08E+01	-9.30E+01	1.79E+02	-7.32E-03	-5.79E+00
4.08E+01	-9.30E+01	1.79E+02	-3.66E-03	-5.76E+00
4.08E+01	-9.30E+01	1.79E+02	-6.10E-03	-5.78E+00
4.08E+01	-9.30E+01	1.79E+02	-3.42E-02	-5.78E+00
4.08E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.78E+00
4.09E+01	-9.30E+01	1.79E+02	1.22E-02	-5.77E+00
4.09E+01	-9.30E+01	1.79E+02	-1.22E-02	-5.76E+00
4.09E+01	-9.30E+01	1.79E+02	-3.17E-02	-5.77E+00
4.09E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.78E+00
4.09E+01	-9.30E+01	1.79E+02	6.10E-03	-5.77E+00
4.10E+01	-9.30E+01	1.79E+02	7.32E-03	-5.76E+00
4.10E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.75E+00
4.10E+01	-9.30E+01	1.79E+02	-3.17E-02	-5.75E+00
4.10E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.77E+00

4.10E+01	-9.30E+01	1.79E+02	-2.08E-02	-5.76E+00
4.11E+01	-9.30E+01	1.79E+02	2.44E-03	-5.75E+00
4.11E+01	-9.30E+01	1.79E+02	9.77E-03	-5.74E+00
4.11E+01	-9.30E+01	1.79E+02	-2.20E-02	-5.74E+00
4.11E+01	-9.30E+01	1.79E+02	-2.56E-02	-5.75E+00
4.11E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.76E+00
4.12E+01	-9.30E+01	1.79E+02	-1.22E-03	-5.75E+00
4.12E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.74E+00
4.12E+01	-9.30E+01	1.79E+02	-3.42E-02	-5.75E+00
4.12E+01	-9.30E+01	1.79E+02	-1.59E-02	-5.76E+00
4.12E+01	-9.30E+01	1.79E+02	-2.81E-02	-5.74E+00
4.13E+01	-9.30E+01	1.79E+02	-1.10E-02	-5.74E+00
4.13E+01	-9.30E+01	1.79E+02	1.10E-02	-5.75E+00
4.13E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.72E+00
4.13E+01	-9.30E+01	1.79E+02	-3.78E-02	-5.73E+00
4.13E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.74E+00
4.14E+01	-9.30E+01	1.79E+02	-6.10E-03	-5.73E+00
4.14E+01	-9.30E+01	1.79E+02	-9.77E-03	-5.73E+00
4.14E+01	-9.30E+01	1.79E+02	-1.34E-02	-5.72E+00
4.14E+01	-9.30E+01	1.79E+02	-5.37E-02	-5.72E+00
4.14E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.72E+00
4.15E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.72E+00
4.15E+01	-9.30E+01	1.79E+02	-2.44E-03	-5.71E+00
4.15E+01	-9.30E+01	1.79E+02	-6.10E-03	-5.71E+00
4.15E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.70E+00
4.15E+01	-9.30E+01	1.79E+02	-2.56E-02	-5.71E+00
4.16E+01	-9.30E+01	1.79E+02	-3.66E-02	-5.72E+00
4.16E+01	-9.30E+01	1.79E+02	-3.42E-02	-5.72E+00
4.16E+01	-9.30E+01	1.79E+02	1.71E-02	-5.70E+00
4.16E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.70E+00
4.16E+01	-9.30E+01	1.79E+02	-2.81E-02	-5.70E+00
4.17E+01	-9.30E+01	1.79E+02	-3.66E-03	-5.72E+00
4.17E+01	-9.30E+01	1.79E+02	-1.10E-02	-5.69E+00
4.17E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.69E+00
4.17E+01	-9.30E+01	1.79E+02	-3.17E-02	-5.69E+00
4.17E+01	-9.30E+01	1.79E+02	-1.22E-02	-5.70E+00
4.18E+01	-9.30E+01	1.79E+02	-1.10E-02	-5.70E+00
4.18E+01	-9.30E+01	1.79E+02	-3.66E-03	-5.69E+00
4.18E+01	-9.30E+01	1.79E+02	-7.32E-03	-5.69E+00
4.18E+01	-9.30E+01	1.79E+02	-3.30E-02	-5.69E+00
4.18E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.69E+00
4.19E+01	-9.30E+01	1.79E+02	0.00E+00	-5.68E+00
4.19E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.68E+00
4.19E+01	-9.30E+01	1.79E+02	-7.32E-03	-5.67E+00
4.19E+01	-9.30E+01	1.79E+02	-1.22E-02	-5.68E+00
4.19E+01	-9.30E+01	1.79E+02	-4.64E-02	-5.67E+00
4.20E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.68E+00

4.20E+01	-9.30E+01	1.79E+02	-2.44E-03	-5.68E+00
4.20E+01	-9.30E+01	1.79E+02	-7.32E-03	-5.67E+00
4.20E+01	-9.30E+01	1.79E+02	-1.83E-02	-5.66E+00
4.20E+01	-9.30E+01	1.79E+02	-3.17E-02	-5.67E+00
4.21E+01	-9.30E+01	1.79E+02	-3.54E-02	-5.67E+00
4.21E+01	-9.30E+01	1.79E+02	-1.22E-02	-5.67E+00
4.21E+01	-9.30E+01	1.79E+02	-7.32E-03	-5.66E+00
4.21E+01	-9.30E+01	1.79E+02	-9.77E-03	-5.65E+00
4.21E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.67E+00
4.22E+01	-9.30E+01	1.78E+02	-5.25E-02	-5.67E+00
4.22E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.66E+00
4.22E+01	-9.30E+01	1.78E+02	-6.10E-03	-5.66E+00
4.22E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.63E+00
4.22E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.64E+00
4.23E+01	-9.30E+01	1.79E+02	-4.39E-02	-5.65E+00
4.23E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.65E+00
4.23E+01	-9.30E+01	1.79E+02	5.86E-02	-5.65E+00
4.23E+01	-9.30E+01	1.79E+02	-6.10E-03	-5.64E+00
4.23E+01	-9.30E+01	1.79E+02	-1.59E-02	-5.63E+00
4.24E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.64E+00
4.24E+01	-9.30E+01	1.78E+02	-3.42E-02	-5.64E+00
4.24E+01	-9.30E+01	1.79E+02	2.44E-03	-5.64E+00
4.24E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.64E+00
4.24E+01	-9.30E+01	1.78E+02	-6.10E-03	-5.63E+00
4.25E+01	-9.30E+01	1.79E+02	-6.10E-03	-5.63E+00
4.25E+01	-9.30E+01	1.79E+02	-3.42E-02	-5.63E+00
4.25E+01	-9.30E+01	1.79E+02	-4.15E-02	-5.63E+00
4.25E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.63E+00
4.25E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.63E+00
4.26E+01	-9.30E+01	1.79E+02	-8.54E-03	-5.61E+00
4.26E+01	-9.30E+01	1.79E+02	-1.59E-02	-5.62E+00
4.26E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.63E+00
4.26E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.62E+00
4.26E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.62E+00
4.27E+01	-9.30E+01	1.79E+02	-1.10E-02	-5.60E+00
4.27E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.61E+00
4.27E+01	-9.30E+01	1.78E+02	-3.54E-02	-5.62E+00
4.27E+01	-9.30E+01	1.78E+02	-1.22E-03	-5.61E+00
4.27E+01	-9.30E+01	1.79E+02	4.88E-03	-5.60E+00
4.28E+01	-9.30E+01	1.79E+02	-8.54E-03	-5.60E+00
4.28E+01	-9.30E+01	1.79E+02	-1.83E-02	-5.60E+00
4.28E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.61E+00
4.28E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.61E+00
4.28E+01	-9.30E+01	1.78E+02	2.44E-03	-5.60E+00
4.29E+01	-9.30E+01	1.79E+02	-2.44E-03	-5.60E+00
4.29E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.59E+00
4.29E+01	-9.30E+01	1.78E+02	-3.42E-02	-5.60E+00

4.29E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.60E+00
4.29E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.59E+00
4.30E+01	-9.30E+01	1.79E+02	3.66E-03	-5.59E+00
4.30E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.58E+00
4.30E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.59E+00
4.30E+01	-9.30E+01	1.78E+02	-3.42E-02	-5.58E+00
4.30E+01	-9.30E+01	1.78E+02	-8.54E-03	-5.59E+00
4.31E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.58E+00
4.31E+01	-9.30E+01	1.79E+02	-1.71E-02	-5.56E+00
4.31E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.57E+00
4.31E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.59E+00
4.31E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.58E+00
4.32E+01	-9.30E+01	1.78E+02	1.46E-02	-5.58E+00
4.32E+01	-9.30E+01	1.78E+02	-6.10E-03	-5.57E+00
4.32E+01	-9.30E+01	1.78E+02	-3.66E-02	-5.57E+00
4.32E+01	-9.30E+01	1.78E+02	-2.81E-02	-5.59E+00
4.32E+01	-9.30E+01	1.78E+02	-3.66E-02	-5.57E+00
4.33E+01	-9.30E+01	1.78E+02	7.32E-03	-5.57E+00
4.33E+01	-9.30E+01	1.78E+02	-1.83E-02	-5.56E+00
4.33E+01	-9.30E+01	1.78E+02	-4.64E-02	-5.56E+00
4.33E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.57E+00
4.33E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.57E+00
4.34E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.56E+00
4.34E+01	-9.30E+01	1.78E+02	-4.64E-02	-5.55E+00
4.34E+01	-9.30E+01	1.78E+02	-4.39E-02	-5.56E+00
4.34E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.56E+00
4.34E+01	-9.30E+01	1.78E+02	-2.08E-02	-5.54E+00
4.35E+01	-9.30E+01	1.78E+02	0.00E+00	-5.54E+00
4.35E+01	-9.30E+01	1.78E+02	4.88E-03	-5.54E+00
4.35E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.54E+00
4.35E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.54E+00
4.35E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.56E+00
4.36E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.54E+00
4.36E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.53E+00
4.36E+01	-9.30E+01	1.78E+02	-4.88E-02	-5.54E+00
4.36E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.54E+00
4.36E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.54E+00
4.37E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.52E+00
4.37E+01	-9.30E+01	1.79E+02	-7.32E-03	-5.53E+00
4.37E+01	-9.30E+01	1.78E+02	-4.15E-02	-5.53E+00
4.37E+01	-9.30E+01	1.78E+02	-2.81E-02	-5.53E+00
4.37E+01	-9.30E+01	1.78E+02	7.32E-03	-5.53E+00
4.38E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.51E+00
4.38E+01	-9.30E+01	1.78E+02	-1.83E-02	-5.52E+00
4.38E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.52E+00
4.38E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.52E+00
4.38E+01	-9.30E+01	1.78E+02	1.46E-02	-5.52E+00

4.39E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.51E+00
4.39E+01	-9.30E+01	1.79E+02	-1.83E-02	-5.51E+00
4.39E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.52E+00
4.39E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.51E+00
4.39E+01	-9.30E+01	1.78E+02	7.32E-03	-5.51E+00
4.40E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.49E+00
4.40E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.49E+00
4.40E+01	-9.30E+01	1.78E+02	-2.56E-02	-5.51E+00
4.40E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.51E+00
4.40E+01	-9.30E+01	1.78E+02	6.10E-03	-5.50E+00
4.41E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.49E+00
4.41E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.49E+00
4.41E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.50E+00
4.41E+01	-9.30E+01	1.78E+02	-3.42E-02	-5.50E+00
4.41E+01	-9.30E+01	1.78E+02	-2.32E-02	-5.50E+00
4.42E+01	-9.30E+01	1.78E+02	3.66E-03	-5.50E+00
4.42E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.48E+00
4.42E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.47E+00
4.42E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.48E+00
4.42E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.48E+00
4.43E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.48E+00
4.43E+01	-9.30E+01	1.78E+02	1.22E-02	-5.47E+00
4.43E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.47E+00
4.43E+01	-9.30E+01	1.78E+02	9.77E-03	-5.46E+00
4.43E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.48E+00
4.44E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.48E+00
4.44E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.47E+00
4.44E+01	-9.30E+01	1.78E+02	1.59E-02	-5.47E+00
4.44E+01	-9.30E+01	1.78E+02	0.00E+00	-5.46E+00
4.44E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.46E+00
4.45E+01	-9.30E+01	1.78E+02	-3.54E-02	-5.47E+00
4.45E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.47E+00
4.45E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.46E+00
4.45E+01	-9.30E+01	1.78E+02	-1.59E-02	-5.45E+00
4.45E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.45E+00
4.46E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.46E+00
4.46E+01	-9.30E+01	1.78E+02	-1.83E-02	-5.46E+00
4.46E+01	-9.30E+01	1.78E+02	0.00E+00	-5.45E+00
4.46E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.44E+00
4.46E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.45E+00
4.47E+01	-9.30E+01	1.78E+02	-2.56E-02	-5.46E+00
4.47E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.45E+00
4.47E+01	-9.30E+01	1.78E+02	1.71E-02	-5.44E+00
4.47E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.44E+00
4.47E+01	-9.30E+01	1.78E+02	-3.17E-02	-5.44E+00
4.48E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.44E+00
4.48E+01	-9.30E+01	1.78E+02	-1.34E-02	-5.43E+00

4.48E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.43E+00
4.48E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.43E+00
4.48E+01	-9.30E+01	1.78E+02	-4.64E-02	-5.43E+00
4.49E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.44E+00
4.49E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.43E+00
4.49E+01	-9.30E+01	1.78E+02	2.44E-03	-5.40E+00
4.49E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.42E+00
4.49E+01	-9.30E+01	1.78E+02	-3.91E-02	-5.43E+00
4.50E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.42E+00
4.50E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.42E+00
4.50E+01	-9.30E+01	1.78E+02	-1.83E-02	-5.41E+00
4.50E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.42E+00
4.50E+01	-9.30E+01	1.78E+02	-5.13E-02	-5.42E+00
4.51E+01	-9.30E+01	1.78E+02	-1.34E-02	-5.42E+00
4.51E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.40E+00
4.51E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.41E+00
4.51E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.42E+00
4.51E+01	-9.30E+01	1.77E+02	-3.91E-02	-5.41E+00
4.52E+01	-9.30E+01	1.78E+02	-1.22E-03	-5.41E+00
4.52E+01	-9.30E+01	1.78E+02	0.00E+00	-5.40E+00
4.52E+01	-9.30E+01	1.78E+02	-1.10E-02	-5.39E+00
4.52E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.39E+00
4.52E+01	-9.30E+01	1.78E+02	-3.17E-02	-5.40E+00
4.53E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.40E+00
4.53E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.41E+00
4.53E+01	-9.30E+01	1.78E+02	-3.66E-03	-5.39E+00
4.53E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.39E+00
4.53E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.41E+00
4.54E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.40E+00
4.54E+01	-9.30E+01	1.78E+02	9.77E-03	-5.38E+00
4.54E+01	-9.30E+01	1.78E+02	-8.54E-03	-5.38E+00
4.54E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.38E+00
4.54E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.40E+00
4.55E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.38E+00
4.55E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.39E+00
4.55E+01	-9.30E+01	1.78E+02	-3.05E-02	-5.37E+00
4.55E+01	-9.30E+01	1.78E+02	-3.91E-02	-5.38E+00
4.55E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.38E+00
4.56E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.37E+00
4.56E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.36E+00
4.56E+01	-9.30E+01	1.78E+02	-3.66E-02	-5.36E+00
4.56E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.37E+00
4.56E+01	-9.30E+01	1.78E+02	4.52E-02	-5.37E+00
4.57E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.35E+00
4.57E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.35E+00
4.57E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.36E+00
4.57E+01	-9.30E+01	1.77E+02	-3.66E-02	-5.36E+00

4.57E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.36E+00
4.58E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.35E+00
4.58E+01	-9.30E+01	1.78E+02	-2.08E-02	-5.35E+00
4.58E+01	-9.30E+01	1.78E+02	-4.39E-02	-5.35E+00
4.58E+01	-9.30E+01	1.78E+02	-4.64E-02	-5.35E+00
4.58E+01	-9.30E+01	1.77E+02	0.00E+00	-5.35E+00
4.59E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.34E+00
4.59E+01	-9.30E+01	1.78E+02	2.44E-03	-5.33E+00
4.59E+01	-9.30E+01	1.78E+02	-2.56E-02	-5.35E+00
4.59E+01	-9.30E+01	1.78E+02	-3.54E-02	-5.35E+00
4.59E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.34E+00
4.60E+01	-9.30E+01	1.78E+02	2.44E-03	-5.33E+00
4.60E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.32E+00
4.60E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.34E+00
4.60E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.34E+00
4.60E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.33E+00
4.61E+01	-9.30E+01	1.77E+02	1.10E-02	-5.33E+00
4.61E+01	-9.30E+01	1.78E+02	4.88E-03	-5.32E+00
4.61E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.31E+00
4.61E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.33E+00
4.61E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.32E+00
4.62E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.32E+00
4.62E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.32E+00
4.62E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.31E+00
4.62E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.31E+00
4.62E+01	-9.30E+01	1.77E+02	-8.54E-03	-5.32E+00
4.63E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.32E+00
4.63E+01	-9.30E+01	1.77E+02	7.32E-03	-5.31E+00
4.63E+01	-9.30E+01	1.78E+02	0.00E+00	-5.30E+00
4.63E+01	-9.30E+01	1.77E+02	-1.59E-02	-5.30E+00
4.63E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.31E+00
4.64E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.31E+00
4.64E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.31E+00
4.64E+01	-9.30E+01	1.77E+02	7.32E-03	-5.31E+00
4.64E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.29E+00
4.64E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.29E+00
4.65E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.29E+00
4.65E+01	-9.30E+01	1.77E+02	-4.39E-02	-5.29E+00
4.65E+01	-9.30E+01	1.77E+02	-6.10E-03	-5.30E+00
4.65E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.28E+00
4.65E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.28E+00
4.66E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.28E+00
4.66E+01	-9.30E+01	1.77E+02	-2.56E-02	-5.28E+00
4.66E+01	-9.30E+01	1.77E+02	-5.62E-02	-5.29E+00
4.66E+01	-9.30E+01	1.77E+02	-8.54E-03	-5.29E+00
4.66E+01	-9.30E+01	1.77E+02	-1.83E-02	-5.28E+00
4.67E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.28E+00

4.67E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.27E+00
4.67E+01	-9.30E+01	1.77E+02	-3.66E-02	-5.28E+00
4.67E+01	-9.30E+01	1.77E+02	2.44E-03	-5.28E+00
4.67E+01	-9.30E+01	1.77E+02	-1.22E-03	-5.27E+00
4.68E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.27E+00
4.68E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.27E+00
4.68E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.27E+00
4.68E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.27E+00
4.68E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.27E+00
4.69E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.26E+00
4.69E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.25E+00
4.69E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.26E+00
4.69E+01	-9.30E+01	1.77E+02	-3.30E-02	-5.25E+00
4.69E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.26E+00
4.70E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.26E+00
4.70E+01	-9.30E+01	1.77E+02	0.00E+00	-5.24E+00
4.70E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.24E+00
4.70E+01	-9.30E+01	1.77E+02	-2.32E-02	-5.25E+00
4.70E+01	-9.30E+01	1.77E+02	-3.66E-02	-5.25E+00
4.71E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.25E+00
4.71E+01	-9.30E+01	1.77E+02	-6.10E-03	-5.24E+00
4.71E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.23E+00
4.71E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.24E+00
4.71E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.24E+00
4.72E+01	-9.30E+01	1.77E+02	-6.10E-03	-5.24E+00
4.72E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.24E+00
4.72E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.22E+00
4.72E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.23E+00
4.72E+01	-9.30E+01	1.77E+02	-3.30E-02	-5.23E+00
4.73E+01	-9.30E+01	1.77E+02	-3.91E-02	-5.24E+00
4.73E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.23E+00
4.73E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.22E+00
4.73E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.23E+00
4.73E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.23E+00
4.74E+01	-9.30E+01	1.76E+02	-3.54E-02	-5.22E+00
4.74E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.23E+00
4.74E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.21E+00
4.74E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.20E+00
4.74E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.21E+00
4.75E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.23E+00
4.75E+01	-9.30E+01	1.77E+02	-1.59E-02	-5.23E+00
4.75E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.20E+00
4.75E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.20E+00
4.75E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.21E+00
4.76E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.21E+00
4.76E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.21E+00
4.76E+01	-9.30E+01	1.77E+02	0.00E+00	-5.20E+00

4.76E+01	-9.30E+01	1.77E+02	-4.39E-02	-5.19E+00
4.76E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.19E+00
4.77E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.21E+00
4.77E+01	-9.30E+01	1.76E+02	0.00E+00	-5.19E+00
4.77E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.19E+00
4.77E+01	-9.30E+01	1.77E+02	-3.78E-02	-5.19E+00
4.77E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.19E+00
4.78E+01	-9.30E+01	1.76E+02	-4.39E-02	-5.19E+00
4.78E+01	-9.30E+01	1.76E+02	2.44E-03	-5.18E+00
4.78E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.18E+00
4.78E+01	-9.30E+01	1.77E+02	-3.91E-02	-5.18E+00
4.78E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.19E+00
4.79E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.18E+00
4.79E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.16E+00
4.79E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.18E+00
4.79E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.17E+00
4.79E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.18E+00
4.80E+01	-9.30E+01	1.77E+02	2.44E-03	-5.17E+00
4.80E+01	-9.30E+01	1.77E+02	-2.08E-02	-5.17E+00
4.80E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.17E+00
4.80E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.17E+00
4.80E+01	-9.30E+01	1.76E+02	2.44E-03	-5.17E+00
4.81E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.16E+00
4.81E+01	-9.30E+01	1.77E+02	-1.59E-02	-5.16E+00
4.81E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.17E+00
4.81E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.15E+00
4.81E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.15E+00
4.82E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.15E+00
4.82E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.15E+00
4.82E+01	-9.30E+01	1.76E+02	-3.78E-02	-5.17E+00
4.82E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.15E+00
4.82E+01	-9.30E+01	1.76E+02	2.44E-03	-5.14E+00
4.83E+01	-9.30E+01	1.76E+02	-3.30E-02	-5.15E+00
4.83E+01	-9.30E+01	1.76E+02	-4.64E-02	-5.14E+00
4.83E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.15E+00
4.83E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.13E+00
4.83E+01	-9.30E+01	1.77E+02	-4.15E-02	-5.13E+00
4.84E+01	-9.30E+01	1.76E+02	-5.62E-02	-5.14E+00
4.84E+01	-9.30E+01	1.76E+02	-1.83E-02	-5.14E+00
4.84E+01	-9.30E+01	1.76E+02	1.22E-03	-5.13E+00
4.84E+01	-9.30E+01	1.76E+02	-5.86E-02	-5.12E+00
4.84E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.13E+00
4.85E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.13E+00
4.85E+01	-9.30E+01	1.76E+02	0.00E+00	-5.13E+00
4.85E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.12E+00
4.85E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.12E+00
4.85E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.13E+00

4.86E+01	-9.30E+01	1.76E+02	-1.83E-02	-5.12E+00
4.86E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.11E+00
4.86E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.11E+00
4.86E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.12E+00
4.86E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.11E+00
4.87E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.10E+00
4.87E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.10E+00
4.87E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.11E+00
4.87E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.10E+00
4.87E+01	-9.30E+01	1.76E+02	-1.22E-03	-5.11E+00
4.88E+01	-9.30E+01	1.76E+02	-3.66E-03	-5.10E+00
4.88E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.08E+00
4.88E+01	-9.30E+01	1.76E+02	-5.98E-02	-5.10E+00
4.88E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.11E+00
4.88E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.10E+00
4.89E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.11E+00
4.89E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.09E+00
4.89E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.09E+00
4.89E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.09E+00
4.89E+01	-9.30E+01	1.76E+02	1.71E-02	-5.09E+00
4.90E+01	-9.30E+01	1.76E+02	-1.10E-02	-5.09E+00
4.90E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.08E+00
4.90E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.08E+00
4.90E+01	-9.30E+01	1.76E+02	-3.30E-02	-5.09E+00
4.90E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.08E+00
4.91E+01	-9.30E+01	1.76E+02	2.44E-03	-5.07E+00
4.91E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.07E+00
4.91E+01	-9.30E+01	1.76E+02	-4.03E-02	-5.05E+00
4.91E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.09E+00
4.91E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.08E+00
4.92E+01	-9.30E+01	1.76E+02	4.88E-03	-5.07E+00
4.92E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.06E+00
4.92E+01	-9.30E+01	1.75E+02	-2.08E-02	-5.07E+00
4.92E+01	-9.30E+01	1.75E+02	-1.34E-02	-5.07E+00
4.92E+01	-9.30E+01	1.76E+02	2.69E-02	-5.06E+00
4.93E+01	-9.30E+01	1.77E+02	-1.22E-03	-5.06E+00
4.93E+01	-9.30E+01	1.76E+02	-4.76E-02	-5.06E+00
4.93E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.06E+00
4.93E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.07E+00
4.93E+01	-9.30E+01	1.76E+02	2.44E-03	-5.04E+00
4.94E+01	-9.30E+01	1.76E+02	-1.34E-02	-5.05E+00
4.94E+01	-9.30E+01	1.75E+02	-3.05E-02	-5.05E+00
4.94E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.05E+00
4.94E+01	-9.30E+01	1.76E+02	2.44E-03	-5.06E+00
4.94E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.05E+00
4.95E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.04E+00
4.95E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.04E+00

4.95E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.05E+00
4.95E+01	-9.30E+01	1.75E+02	2.44E-03	-5.04E+00
4.95E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.04E+00
4.96E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.03E+00
4.96E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.04E+00
4.96E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.04E+00
4.96E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.04E+00
4.96E+01	-9.30E+01	1.75E+02	0.00E+00	-5.03E+00
4.97E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.02E+00
4.97E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.04E+00
4.97E+01	-9.30E+01	1.76E+02	-4.15E-02	-5.03E+00
4.97E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.03E+00
4.97E+01	-9.30E+01	1.75E+02	4.88E-03	-5.03E+00
4.98E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.01E+00
4.98E+01	-9.30E+01	1.76E+02	-9.77E-03	-5.01E+00
4.98E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.01E+00
4.98E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.02E+00
4.98E+01	-9.30E+01	1.76E+02	-4.88E-02	-5.01E+00
4.99E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.02E+00
4.99E+01	-9.30E+01	1.75E+02	2.44E-03	-5.00E+00
4.99E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.00E+00
4.99E+01	-9.30E+01	1.76E+02	-8.54E-03	-5.00E+00
4.99E+01	-9.30E+01	1.76E+02	-3.30E-02	-5.01E+00
5.00E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.01E+00
5.00E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.00E+00
5.00E+01	-9.30E+01	1.75E+02	-4.88E-03	-4.99E+00
5.00E+01	-9.30E+01	1.76E+02	-2.69E-02	-4.99E+00
5.00E+01	-9.30E+01	1.75E+02	-3.91E-02	-5.00E+00
5.01E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.99E+00
5.01E+01	-9.30E+01	1.75E+02	3.66E-03	-5.00E+00
5.01E+01	-9.30E+01	1.75E+02	-1.95E-02	-4.98E+00
5.01E+01	-9.30E+01	1.75E+02	-3.05E-02	-4.99E+00
5.01E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.01E+00
5.02E+01	-9.30E+01	1.75E+02	3.66E-03	-4.99E+00
5.02E+01	-9.30E+01	1.75E+02	2.44E-03	-4.99E+00
5.02E+01	-9.30E+01	1.75E+02	-1.46E-02	-4.96E+00
5.02E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.99E+00
5.02E+01	-9.30E+01	1.75E+02	-1.71E-02	-4.99E+00
5.03E+01	-9.30E+01	1.75E+02	-4.88E-03	-4.98E+00
5.03E+01	-9.30E+01	1.75E+02	-1.46E-02	-4.97E+00
5.03E+01	-9.30E+01	1.75E+02	-4.88E-02	-4.97E+00
5.03E+01	-9.30E+01	1.75E+02	-2.20E-02	-4.98E+00
5.03E+01	-9.30E+01	1.75E+02	-1.71E-02	-4.98E+00
5.04E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.97E+00
5.04E+01	-9.30E+01	1.75E+02	-4.88E-03	-4.97E+00
5.04E+01	-9.30E+01	1.75E+02	-2.32E-02	-4.96E+00
5.04E+01	-9.30E+01	1.75E+02	-2.56E-02	-4.97E+00

5.04E+01	-9.30E+01	1.75E+02	-1.34E-02	-4.96E+00
5.05E+01	-9.30E+01	1.75E+02	-2.44E-03	-4.95E+00
5.05E+01	-9.30E+01	1.75E+02	-4.88E-03	-4.95E+00
5.05E+01	-9.30E+01	1.75E+02	-3.54E-02	-4.96E+00
5.05E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.94E+00
5.05E+01	-9.30E+01	1.75E+02	-1.59E-02	-4.96E+00
5.06E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.94E+00
5.06E+01	-9.30E+01	1.75E+02	-1.10E-02	-4.95E+00
5.06E+01	-9.30E+01	1.75E+02	3.66E-03	-4.96E+00
5.06E+01	-9.30E+01	1.75E+02	-2.56E-02	-4.95E+00
5.06E+01	-9.30E+01	1.75E+02	-2.44E-03	-4.95E+00
5.07E+01	-9.30E+01	1.75E+02	1.83E-02	-4.94E+00
5.07E+01	-9.30E+01	1.75E+02	-7.32E-03	-4.94E+00
5.07E+01	-9.30E+01	1.75E+02	-3.78E-02	-4.94E+00
5.07E+01	-9.30E+01	1.75E+02	6.10E-03	-4.94E+00
5.07E+01	-9.30E+01	1.75E+02	2.44E-03	-4.93E+00
5.08E+01	-9.30E+01	1.75E+02	-2.93E-02	-4.93E+00
5.08E+01	-9.30E+01	1.75E+02	-1.83E-02	-4.95E+00
5.08E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.94E+00
5.08E+01	-9.30E+01	1.75E+02	-1.22E-03	-4.94E+00
5.08E+01	-9.30E+01	1.75E+02	-1.95E-02	-4.92E+00
5.09E+01	-9.30E+01	1.75E+02	-3.30E-02	-4.93E+00
5.09E+01	-9.30E+01	1.75E+02	-2.32E-02	-4.93E+00
5.09E+01	-9.30E+01	1.75E+02	-1.71E-02	-4.93E+00
5.09E+01	-9.30E+01	1.75E+02	4.88E-03	-4.91E+00
5.09E+01	-9.30E+01	1.75E+02	-2.20E-02	-4.92E+00
5.10E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.92E+00
5.10E+01	-9.30E+01	1.75E+02	7.32E-03	-4.94E+00
5.10E+01	-9.30E+01	1.75E+02	-1.95E-02	-4.92E+00
5.10E+01	-9.30E+01	1.75E+02	-4.88E-03	-4.90E+00
5.10E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.91E+00
5.11E+01	-9.30E+01	1.75E+02	-4.64E-02	-4.91E+00
5.11E+01	-9.30E+01	1.75E+02	-7.32E-03	-4.92E+00
5.11E+01	-9.30E+01	1.75E+02	-1.10E-02	-4.91E+00
5.11E+01	-9.30E+01	1.75E+02	-4.88E-03	-4.90E+00
5.11E+01	-9.30E+01	1.75E+02	-2.81E-02	-4.90E+00
5.12E+01	-9.30E+01	1.75E+02	-3.91E-02	-4.90E+00
5.12E+01	-9.30E+01	1.75E+02	-2.32E-02	-4.91E+00
5.12E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.90E+00
5.12E+01	-9.30E+01	1.75E+02	-7.32E-03	-4.88E+00
5.12E+01	-9.30E+01	1.75E+02	-1.46E-02	-4.89E+00
5.13E+01	-9.30E+01	1.75E+02	-3.66E-02	-4.90E+00
5.13E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.88E+00
5.13E+01	-9.30E+01	1.75E+02	1.46E-02	-4.90E+00
5.13E+01	-9.30E+01	1.75E+02	7.32E-03	-4.88E+00
5.13E+01	-9.30E+01	1.75E+02	-2.32E-02	-4.88E+00
5.14E+01	-9.30E+01	1.74E+02	-7.32E-02	-4.89E+00

5.14E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.89E+00
5.14E+01	-9.30E+01	1.75E+02	9.77E-03	-4.88E+00
5.14E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.87E+00
5.14E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.87E+00
5.15E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.89E+00
5.15E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.88E+00
5.15E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.87E+00
5.15E+01	-9.30E+01	1.75E+02	-1.95E-02	-4.86E+00
5.15E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.87E+00
5.16E+01	-9.30E+01	1.74E+02	-1.83E-02	-4.88E+00
5.16E+01	-9.30E+01	1.75E+02	-1.22E-02	-4.87E+00
5.16E+01	-9.30E+01	1.75E+02	-3.66E-03	-4.86E+00
5.16E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.86E+00
5.16E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.86E+00
5.17E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.87E+00
5.17E+01	-9.30E+01	1.75E+02	-4.88E-03	-4.85E+00
5.17E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.85E+00
5.17E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.85E+00
5.17E+01	-9.30E+01	1.74E+02	-3.78E-02	-4.85E+00
5.18E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.86E+00
5.18E+01	-9.30E+01	1.74E+02	-8.54E-03	-4.84E+00
5.18E+01	-9.30E+01	1.75E+02	3.66E-03	-4.85E+00
5.18E+01	-9.30E+01	1.75E+02	-4.15E-02	-4.86E+00
5.18E+01	-9.30E+01	1.74E+02	1.71E-02	-4.85E+00
5.19E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.84E+00
5.19E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.84E+00
5.19E+01	-9.30E+01	1.75E+02	-3.42E-02	-4.85E+00
5.19E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.84E+00
5.19E+01	-9.30E+01	1.75E+02	3.66E-03	-4.83E+00
5.20E+01	-9.30E+01	1.75E+02	-1.46E-02	-4.84E+00
5.20E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.83E+00
5.20E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.84E+00
5.20E+01	-9.30E+01	1.74E+02	-2.08E-02	-4.84E+00
5.20E+01	-9.30E+01	1.74E+02	9.77E-03	-4.83E+00
5.21E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.82E+00
5.21E+01	-9.30E+01	1.75E+02	-3.54E-02	-4.83E+00
5.21E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.84E+00
5.21E+01	-9.30E+01	1.74E+02	2.44E-03	-4.82E+00
5.21E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.81E+00
5.22E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.82E+00
5.22E+01	-9.30E+01	1.75E+02	-4.15E-02	-4.83E+00
5.22E+01	-9.30E+01	1.74E+02	-1.22E-03	-4.82E+00
5.22E+01	-9.30E+01	1.75E+02	-8.54E-03	-4.81E+00
5.22E+01	-9.30E+01	1.75E+02	-1.95E-02	-4.79E+00
5.23E+01	-9.30E+01	1.75E+02	-2.44E-02	-4.81E+00
5.23E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.82E+00
5.23E+01	-9.30E+01	1.74E+02	4.88E-03	-4.81E+00

5.23E+01	-9.30E+01	1.75E+02	6.10E-03	-4.80E+00
5.23E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.80E+00
5.24E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.81E+00
5.24E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.81E+00
5.24E+01	-9.30E+01	1.75E+02	-1.22E-02	-4.80E+00
5.24E+01	-9.30E+01	1.75E+02	-1.22E-03	-4.79E+00
5.24E+01	-9.30E+01	1.75E+02	-1.34E-02	-4.79E+00
5.25E+01	-9.30E+01	1.75E+02	4.88E-03	-4.80E+00
5.25E+01	-9.30E+01	1.74E+02	-3.78E-02	-4.80E+00
5.25E+01	-9.30E+01	1.74E+02	-3.66E-02	-4.79E+00
5.25E+01	-9.30E+01	1.74E+02	4.88E-03	-4.79E+00
5.25E+01	-9.30E+01	1.74E+02	7.32E-03	-4.79E+00
5.26E+01	-9.30E+01	1.75E+02	-8.54E-03	-4.78E+00
5.26E+01	-9.30E+01	1.75E+02	-1.95E-02	-4.79E+00
5.26E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.79E+00
5.26E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.77E+00
5.26E+01	-9.30E+01	1.74E+02	-8.54E-03	-4.77E+00
5.27E+01	-9.30E+01	1.75E+02	-2.20E-02	-4.77E+00
5.27E+01	-9.30E+01	1.75E+02	-2.81E-02	-4.78E+00
5.27E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.78E+00
5.27E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.78E+00
5.27E+01	-9.30E+01	1.74E+02	0.00E+00	-4.77E+00
5.28E+01	-9.30E+01	1.75E+02	-2.69E-02	-4.76E+00
5.28E+01	-9.30E+01	1.75E+02	2.93E-02	-4.77E+00
5.28E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.77E+00
5.28E+01	-9.30E+01	1.75E+02	4.88E-03	-4.76E+00
5.28E+01	-9.30E+01	1.75E+02	0.00E+00	-4.76E+00
5.29E+01	-9.30E+01	1.75E+02	-2.32E-02	-4.75E+00
5.29E+01	-9.30E+01	1.74E+02	-4.39E-02	-4.76E+00
5.29E+01	-9.30E+01	1.74E+02	-2.32E-02	-4.77E+00
5.29E+01	-9.30E+01	1.75E+02	-1.46E-02	-4.76E+00
5.29E+01	-9.30E+01	1.75E+02	1.46E-02	-4.76E+00
5.30E+01	-9.30E+01	1.75E+02	-9.77E-03	-4.75E+00
5.30E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.75E+00
5.30E+01	-9.30E+01	1.74E+02	-2.08E-02	-4.76E+00
5.30E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.75E+00
5.30E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.74E+00
5.31E+01	-9.30E+01	1.74E+02	-6.10E-03	-4.74E+00
5.31E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.74E+00
5.31E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.74E+00
5.31E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.75E+00
5.31E+01	-9.30E+01	1.74E+02	-3.66E-03	-4.73E+00
5.32E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.73E+00
5.32E+01	-9.30E+01	1.74E+02	-3.91E-02	-4.73E+00
5.32E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.74E+00
5.32E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.73E+00
5.32E+01	-9.30E+01	1.74E+02	-1.22E-03	-4.72E+00

5.33E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.73E+00
5.33E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.73E+00
5.33E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.72E+00
5.33E+01	-9.30E+01	1.74E+02	0.00E+00	-4.72E+00
5.33E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.72E+00
5.34E+01	-9.30E+01	1.74E+02	-8.54E-03	-4.75E+00
5.34E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.72E+00
5.34E+01	-9.30E+01	1.74E+02	8.54E-03	-4.71E+00
5.34E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.71E+00
5.34E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.71E+00
5.35E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.73E+00
5.35E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.71E+00
5.35E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.71E+00
5.35E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.70E+00
5.35E+01	-9.30E+01	1.74E+02	-2.32E-02	-4.70E+00
5.36E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.71E+00
5.36E+01	-9.30E+01	1.74E+02	-1.34E-02	-4.70E+00
5.36E+01	-9.30E+01	1.74E+02	-1.10E-02	-4.70E+00
5.36E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.69E+00
5.36E+01	-9.30E+01	1.74E+02	-3.42E-02	-4.70E+00
5.37E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.71E+00
5.37E+01	-9.30E+01	1.74E+02	-2.08E-02	-4.69E+00
5.37E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.69E+00
5.37E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.68E+00
5.37E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.67E+00
5.38E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.69E+00
5.38E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.69E+00
5.38E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.67E+00
5.38E+01	-9.30E+01	1.74E+02	1.95E-02	-4.68E+00
5.38E+01	-9.30E+01	1.74E+02	-1.83E-02	-4.68E+00
5.39E+01	-9.30E+01	1.74E+02	-3.42E-02	-4.68E+00
5.39E+01	-9.30E+01	1.74E+02	2.44E-03	-4.68E+00
5.39E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.68E+00
5.39E+01	-9.30E+01	1.74E+02	1.22E-03	-4.67E+00
5.39E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.67E+00
5.40E+01	-9.30E+01	1.74E+02	-3.66E-02	-4.67E+00
5.40E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.67E+00
5.40E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.67E+00
5.40E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.66E+00
5.40E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.65E+00
5.41E+01	-9.30E+01	1.74E+02	-3.05E-02	-4.66E+00
5.41E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.66E+00
5.41E+01	-9.30E+01	1.74E+02	-1.22E-03	-4.66E+00
5.41E+01	-9.30E+01	1.74E+02	0.00E+00	-4.64E+00
5.41E+01	-9.30E+01	1.74E+02	-1.10E-02	-4.64E+00
5.42E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.65E+00
5.42E+01	-9.30E+01	1.74E+02	-3.66E-02	-4.66E+00

5.42E+01	-9.30E+01	1.74E+02	2.44E-03	-4.67E+00
5.42E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.65E+00
5.42E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.63E+00
5.43E+01	-9.30E+01	1.74E+02	1.95E-02	-4.64E+00
5.43E+01	-9.30E+01	1.74E+02	-3.91E-02	-4.64E+00
5.43E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.64E+00
5.43E+01	-9.30E+01	1.74E+02	0.00E+00	-4.64E+00
5.43E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.63E+00
5.44E+01	-9.30E+01	1.74E+02	-3.66E-02	-4.63E+00
5.44E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.64E+00
5.44E+01	-9.30E+01	1.74E+02	-1.10E-02	-4.63E+00
5.44E+01	-9.30E+01	1.73E+02	0.00E+00	-4.64E+00
5.44E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.62E+00
5.45E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.63E+00
5.45E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.63E+00
5.45E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.64E+00
5.45E+01	-9.30E+01	1.74E+02	3.66E-03	-4.62E+00
5.45E+01	-9.30E+01	1.74E+02	-2.56E-02	-4.61E+00
5.46E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.61E+00
5.46E+01	-9.30E+01	1.74E+02	-5.98E-02	-4.62E+00
5.46E+01	-9.30E+01	1.74E+02	-1.83E-02	-4.63E+00
5.46E+01	-9.30E+01	1.73E+02	-3.66E-03	-4.61E+00
5.46E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.61E+00
5.47E+01	-9.30E+01	1.74E+02	-3.05E-02	-4.62E+00
5.47E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.61E+00
5.47E+01	-9.30E+01	1.74E+02	-6.10E-03	-4.60E+00
5.47E+01	-9.30E+01	1.74E+02	0.00E+00	-4.60E+00
5.47E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.59E+00
5.48E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.60E+00
5.48E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.61E+00
5.48E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.62E+00
5.48E+01	-9.30E+01	1.74E+02	7.32E-03	-4.60E+00
5.48E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.59E+00
5.49E+01	-9.30E+01	1.74E+02	-3.91E-02	-4.59E+00
5.49E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.60E+00
5.49E+01	-9.30E+01	1.73E+02	-3.66E-02	-4.60E+00
5.49E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.58E+00
5.49E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.58E+00
5.50E+01	-9.30E+01	1.74E+02	-3.42E-02	-4.59E+00
5.50E+01	-9.30E+01	1.73E+02	1.59E-02	-4.59E+00
5.50E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.58E+00
5.50E+01	-9.30E+01	1.74E+02	-1.83E-02	-4.57E+00
5.50E+01	-9.30E+01	1.74E+02	-3.42E-02	-4.59E+00
5.51E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.59E+00
5.51E+01	-9.30E+01	1.73E+02	2.44E-03	-4.57E+00
5.51E+01	-9.30E+01	1.74E+02	-8.54E-03	-4.57E+00
5.51E+01	-9.30E+01	1.74E+02	0.00E+00	-4.56E+00

5.51E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.58E+00
5.52E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.58E+00
5.52E+01	-9.30E+01	1.73E+02	3.66E-03	-4.57E+00
5.52E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.56E+00
5.52E+01	-9.30E+01	1.74E+02	-3.54E-02	-4.57E+00
5.52E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.57E+00
5.53E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.56E+00
5.53E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.56E+00
5.53E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.56E+00
5.53E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.56E+00
5.53E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.56E+00
5.54E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.55E+00
5.54E+01	-9.30E+01	1.74E+02	0.00E+00	-4.54E+00
5.54E+01	-9.30E+01	1.73E+02	-3.54E-02	-4.55E+00
5.54E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.55E+00
5.54E+01	-9.30E+01	1.73E+02	-1.10E-02	-4.55E+00
5.55E+01	-9.30E+01	1.74E+02	7.32E-03	-4.54E+00
5.55E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.53E+00
5.55E+01	-9.30E+01	1.73E+02	-2.32E-02	-4.54E+00
5.55E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.53E+00
5.55E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.54E+00
5.56E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.53E+00
5.56E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.53E+00
5.56E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.54E+00
5.56E+01	-9.30E+01	1.73E+02	4.88E-03	-4.54E+00
5.56E+01	-9.30E+01	1.73E+02	7.32E-03	-4.52E+00
5.57E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.52E+00
5.57E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.53E+00
5.57E+01	-9.30E+01	1.73E+02	-3.17E-02	-4.54E+00
5.57E+01	-9.30E+01	1.73E+02	0.00E+00	-4.53E+00
5.57E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.52E+00
5.58E+01	-9.30E+01	1.73E+02	-2.32E-02	-4.50E+00
5.58E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.51E+00
5.58E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.53E+00
5.58E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.51E+00
5.58E+01	-9.30E+01	1.73E+02	-2.32E-02	-4.51E+00
5.59E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.51E+00
5.59E+01	-9.30E+01	1.73E+02	-4.88E-02	-4.51E+00
5.59E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.52E+00
5.59E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.51E+00
5.59E+01	-9.30E+01	1.73E+02	-1.59E-02	-4.48E+00
5.60E+01	-9.30E+01	1.73E+02	-1.46E-02	-4.49E+00
5.60E+01	-9.30E+01	1.73E+02	-3.91E-02	-4.50E+00
5.60E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.51E+00
5.60E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.49E+00
5.60E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.49E+00
5.61E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.49E+00

5.61E+01	-9.30E+01	1.73E+02	-3.05E-02	-4.50E+00
5.61E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.49E+00
5.61E+01	-9.30E+01	1.73E+02	2.44E-03	-4.48E+00
5.61E+01	-9.30E+01	1.73E+02	-1.46E-02	-4.48E+00
5.62E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.49E+00
5.62E+01	-9.30E+01	1.73E+02	-4.52E-02	-4.47E+00
5.62E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.49E+00
5.62E+01	-9.30E+01	1.72E+02	2.44E-03	-4.48E+00
5.62E+01	-9.30E+01	1.72E+02	-1.10E-02	-4.47E+00
5.63E+01	-9.30E+01	1.73E+02	-3.66E-03	-4.47E+00
5.63E+01	-9.30E+01	1.73E+02	-3.91E-02	-4.48E+00
5.63E+01	-9.30E+01	1.72E+02	-1.22E-03	-4.47E+00
5.63E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.47E+00
5.63E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.46E+00
5.64E+01	-9.30E+01	1.73E+02	-1.34E-02	-4.48E+00
5.64E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.47E+00
5.64E+01	-9.30E+01	1.72E+02	2.44E-03	-4.46E+00
5.64E+01	-9.30E+01	1.73E+02	7.32E-03	-4.46E+00
5.64E+01	-9.30E+01	1.73E+02	-3.05E-02	-4.45E+00
5.65E+01	-9.30E+01	1.73E+02	-3.05E-02	-4.47E+00
5.65E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.46E+00
5.65E+01	-9.30E+01	1.73E+02	2.44E-03	-4.45E+00
5.65E+01	-9.30E+01	1.73E+02	-3.42E-02	-4.45E+00
5.65E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.45E+00
5.66E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.46E+00
5.66E+01	-9.30E+01	1.72E+02	-1.59E-02	-4.45E+00
5.66E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.44E+00
5.66E+01	-9.30E+01	1.73E+02	-1.46E-02	-4.44E+00
5.66E+01	-9.30E+01	1.73E+02	-3.66E-02	-4.44E+00
5.67E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.44E+00
5.67E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.45E+00
5.67E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.43E+00
5.67E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.44E+00
5.67E+01	-9.30E+01	1.72E+02	-1.59E-02	-4.43E+00
5.68E+01	-9.30E+01	1.72E+02	-4.03E-02	-4.44E+00
5.68E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.44E+00
5.68E+01	-9.30E+01	1.72E+02	-2.56E-02	-4.43E+00
5.68E+01	-9.30E+01	1.72E+02	1.46E-02	-4.42E+00
5.68E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.42E+00
5.69E+01	-9.30E+01	1.72E+02	-3.66E-02	-4.43E+00
5.69E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.43E+00
5.69E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.42E+00
5.69E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.41E+00
5.69E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.42E+00
5.70E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.43E+00
5.70E+01	-9.30E+01	1.72E+02	2.20E-02	-4.41E+00
5.70E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.40E+00

5.70E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.40E+00
5.70E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.41E+00
5.71E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.42E+00
5.71E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.41E+00
5.71E+01	-9.30E+01	1.72E+02	2.44E-03	-4.40E+00
5.71E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.39E+00
5.71E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.41E+00
5.72E+01	-9.30E+01	1.72E+02	-3.42E-02	-4.41E+00
5.72E+01	-9.30E+01	1.72E+02	0.00E+00	-4.40E+00
5.72E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.41E+00
5.72E+01	-9.30E+01	1.72E+02	-4.64E-02	-4.40E+00
5.72E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.40E+00
5.73E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.40E+00
5.73E+01	-9.30E+01	1.72E+02	0.00E+00	-4.39E+00
5.73E+01	-9.30E+01	1.72E+02	2.44E-03	-4.38E+00
5.73E+01	-9.30E+01	1.72E+02	-4.15E-02	-4.38E+00
5.73E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.38E+00
5.74E+01	-9.30E+01	1.72E+02	-1.83E-02	-4.39E+00
5.74E+01	-9.30E+01	1.72E+02	1.22E-03	-4.38E+00
5.74E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.38E+00
5.74E+01	-9.30E+01	1.72E+02	-3.91E-02	-4.38E+00
5.74E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.39E+00
5.75E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.37E+00
5.75E+01	-9.30E+01	1.72E+02	-1.22E-03	-4.36E+00
5.75E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.37E+00
5.75E+01	-9.30E+01	1.72E+02	-4.52E-02	-4.37E+00
5.75E+01	-9.30E+01	1.72E+02	-6.10E-03	-4.37E+00
5.76E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.36E+00
5.76E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.36E+00
5.76E+01	-9.30E+01	1.71E+02	-2.81E-02	-4.37E+00
5.76E+01	-9.30E+01	1.72E+02	-2.32E-02	-4.36E+00
5.76E+01	-9.30E+01	1.72E+02	0.00E+00	-4.36E+00
5.77E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.35E+00
5.77E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.36E+00
5.77E+01	-9.30E+01	1.72E+02	-3.91E-02	-4.38E+00
5.77E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.35E+00
5.77E+01	-9.30E+01	1.72E+02	2.44E-03	-4.35E+00
5.78E+01	-9.30E+01	1.72E+02	-6.10E-03	-4.34E+00
5.78E+01	-9.30E+01	1.72E+02	-4.39E-02	-4.35E+00
5.78E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.36E+00
5.78E+01	-9.30E+01	1.72E+02	-1.34E-02	-4.35E+00
5.78E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.34E+00
5.79E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.34E+00
5.79E+01	-9.30E+01	1.72E+02	-3.05E-02	-4.34E+00
5.79E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.35E+00
5.79E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.34E+00
5.79E+01	-9.30E+01	1.72E+02	-2.56E-02	-4.32E+00

5.80E+01	-9.30E+01	1.72E+02	-1.34E-02	-4.33E+00
5.80E+01	-9.30E+01	1.71E+02	-4.03E-02	-4.33E+00
5.80E+01	-9.30E+01	1.71E+02	-4.15E-02	-4.34E+00
5.80E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.33E+00
5.80E+01	-9.30E+01	1.72E+02	-2.32E-02	-4.32E+00
5.81E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.33E+00
5.81E+01	-9.30E+01	1.71E+02	-2.56E-02	-4.33E+00
5.81E+01	-9.30E+01	1.71E+02	9.77E-03	-4.32E+00
5.81E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.32E+00
5.81E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.31E+00
5.82E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.34E+00
5.82E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.31E+00
5.82E+01	-9.30E+01	1.71E+02	3.66E-03	-4.30E+00
5.82E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.31E+00
5.82E+01	-9.30E+01	1.71E+02	-4.64E-02	-4.31E+00
5.83E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.31E+00
5.83E+01	-9.30E+01	1.71E+02	2.44E-03	-4.31E+00
5.83E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.30E+00
5.83E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.30E+00
5.83E+01	-9.30E+01	1.71E+02	-3.42E-02	-4.31E+00
5.84E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.31E+00
5.84E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.29E+00
5.84E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.30E+00
5.84E+01	-9.30E+01	1.71E+02	-3.91E-02	-4.29E+00
5.84E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.30E+00
5.85E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.29E+00
5.85E+01	-9.30E+01	1.71E+02	-2.56E-02	-4.28E+00
5.85E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.29E+00
5.85E+01	-9.30E+01	1.71E+02	-3.05E-02	-4.30E+00
5.85E+01	-9.30E+01	1.71E+02	2.44E-03	-4.29E+00
5.86E+01	-9.30E+01	1.71E+02	-8.54E-03	-4.28E+00
5.86E+01	-9.30E+01	1.71E+02	-3.05E-02	-4.27E+00
5.86E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.29E+00
5.86E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.28E+00
5.86E+01	-9.30E+01	1.71E+02	-1.22E-03	-4.29E+00
5.87E+01	-9.30E+01	1.71E+02	3.05E-02	-4.27E+00
5.87E+01	-9.30E+01	1.71E+02	-3.05E-02	-4.26E+00
5.87E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.28E+00
5.87E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.27E+00
5.87E+01	-9.30E+01	1.71E+02	-1.22E-03	-4.26E+00
5.88E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.27E+00
5.88E+01	-9.30E+01	1.71E+02	-3.54E-02	-4.27E+00
5.88E+01	-9.30E+01	1.71E+02	-1.59E-02	-4.27E+00
5.88E+01	-9.30E+01	1.71E+02	6.10E-03	-4.27E+00
5.88E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.26E+00
5.89E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.25E+00
5.89E+01	-9.30E+01	1.71E+02	-3.54E-02	-4.26E+00

5.89E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.26E+00
5.89E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.26E+00
5.89E+01	-9.30E+01	1.71E+02	-1.22E-03	-4.25E+00
5.90E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.24E+00
5.90E+01	-9.30E+01	1.71E+02	-3.91E-02	-4.26E+00
5.90E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.25E+00
5.90E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.25E+00
5.90E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.24E+00
5.91E+01	-9.30E+01	1.71E+02	2.44E-03	-4.24E+00
5.91E+01	-9.30E+01	1.71E+02	-4.15E-02	-4.24E+00
5.91E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.24E+00
5.91E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.24E+00
5.91E+01	-9.30E+01	1.71E+02	-1.59E-02	-4.23E+00
5.92E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.24E+00
5.92E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.24E+00
5.92E+01	-9.30E+01	1.71E+02	6.10E-03	-4.23E+00
5.92E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.22E+00
5.92E+01	-9.30E+01	1.71E+02	-5.37E-02	-4.22E+00
5.93E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.24E+00
5.93E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.22E+00
5.93E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.22E+00
5.93E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.22E+00
5.93E+01	-9.30E+01	1.71E+02	-1.83E-02	-4.22E+00
5.94E+01	-9.30E+01	1.70E+02	-1.83E-02	-4.23E+00
5.94E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.22E+00
5.94E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.19E+00
5.94E+01	-9.30E+01	1.71E+02	-2.32E-02	-4.21E+00
5.94E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.22E+00
5.95E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.22E+00
5.95E+01	-9.30E+01	1.71E+02	2.44E-02	-4.20E+00
5.95E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.20E+00
5.95E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.21E+00
5.95E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.21E+00
5.96E+01	-9.30E+01	1.71E+02	2.44E-03	-4.19E+00
5.96E+01	-9.30E+01	1.71E+02	3.66E-03	-4.20E+00
5.96E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.19E+00
5.96E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.20E+00
5.96E+01	-9.30E+01	1.71E+02	-3.54E-02	-4.20E+00
5.97E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.19E+00
5.97E+01	-9.30E+01	1.71E+02	-1.83E-02	-4.18E+00
5.97E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.19E+00
5.97E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.19E+00
5.97E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.17E+00
5.98E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.18E+00
5.98E+01	-9.30E+01	1.71E+02	-3.66E-02	-4.18E+00
5.98E+01	-9.30E+01	1.71E+02	-7.32E-03	-4.17E+00
5.98E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.18E+00

5.98E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.16E+00
5.99E+01	-9.30E+01	1.71E+02	-2.08E-02	-4.17E+00
5.99E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.18E+00
5.99E+01	-9.30E+01	1.70E+02	8.54E-03	-4.18E+00
5.99E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.16E+00
5.99E+01	-9.30E+01	1.71E+02	-1.59E-02	-4.16E+00
6.00E+01	-9.30E+01	1.71E+02	-2.56E-02	-4.17E+00
6.00E+01	-9.30E+01	1.70E+02	-3.66E-02	-4.18E+00
6.00E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.16E+00
6.00E+01	-9.30E+01	1.70E+02	-3.91E-02	-4.16E+00
6.00E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.17E+00
6.01E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.16E+00
6.01E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.15E+00
6.01E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.15E+00
6.01E+01	-9.30E+01	1.70E+02	-3.05E-02	-4.16E+00
6.01E+01	-9.30E+01	1.70E+02	-7.32E-03	-4.15E+00
6.02E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.14E+00
6.02E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.15E+00
6.02E+01	-9.30E+01	1.70E+02	-3.05E-02	-4.15E+00
6.02E+01	-9.30E+01	1.70E+02	-4.15E-02	-4.15E+00
6.02E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.15E+00
6.03E+01	-9.30E+01	1.70E+02	7.32E-03	-4.14E+00
6.03E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.13E+00
6.03E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.15E+00
6.03E+01	-9.30E+01	1.70E+02	-3.30E-02	-4.15E+00
6.03E+01	-9.30E+01	1.70E+02	9.77E-03	-4.13E+00
6.04E+01	-9.30E+01	1.70E+02	-2.08E-02	-4.13E+00
6.04E+01	-9.30E+01	1.70E+02	-2.56E-02	-4.15E+00
6.04E+01	-9.30E+01	1.70E+02	-3.42E-02	-4.13E+00
6.04E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.13E+00
6.04E+01	-9.30E+01	1.70E+02	-1.22E-03	-4.12E+00
6.05E+01	-9.30E+01	1.70E+02	-3.78E-02	-4.12E+00
6.05E+01	-9.30E+01	1.70E+02	-2.44E-02	-4.13E+00
6.05E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.13E+00
6.05E+01	-9.30E+01	1.70E+02	-6.10E-03	-4.11E+00
6.05E+01	-9.30E+01	1.70E+02	-1.59E-02	-4.11E+00
6.06E+01	-9.30E+01	1.70E+02	-5.49E-02	-4.12E+00
6.06E+01	-9.30E+01	1.70E+02	2.44E-03	-4.12E+00
6.06E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.10E+00
6.06E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.11E+00
6.06E+01	-9.30E+01	1.70E+02	-4.15E-02	-4.12E+00
6.07E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.12E+00
6.07E+01	-9.30E+01	1.70E+02	1.22E-03	-4.11E+00
6.07E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.10E+00
6.07E+01	-9.30E+01	1.71E+02	-3.05E-02	-4.09E+00
6.07E+01	-9.30E+01	1.70E+02	-3.78E-02	-4.10E+00
6.08E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.10E+00

6.08E+01	-9.30E+01	1.70E+02	1.22E-03	-4.10E+00
6.08E+01	-9.30E+01	1.70E+02	-1.10E-02	-4.09E+00
6.08E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.08E+00
6.08E+01	-9.30E+01	1.70E+02	-1.71E-02	-4.10E+00
6.09E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.10E+00
6.09E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.09E+00
6.09E+01	-9.30E+01	1.70E+02	-6.10E-03	-4.07E+00
6.09E+01	-9.30E+01	1.70E+02	-3.30E-02	-4.08E+00
6.09E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.09E+00
6.10E+01	-9.30E+01	1.70E+02	-6.10E-03	-4.07E+00
6.10E+01	-9.30E+01	1.70E+02	1.46E-02	-4.08E+00
6.10E+01	-9.30E+01	1.70E+02	-3.78E-02	-4.08E+00
6.10E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.08E+00
6.10E+01	-9.30E+01	1.70E+02	2.44E-03	-4.08E+00
6.11E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.07E+00
6.11E+01	-9.30E+01	1.70E+02	-3.66E-02	-4.08E+00
6.11E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.08E+00
6.11E+01	-9.30E+01	1.70E+02	0.00E+00	-4.07E+00
6.11E+01	-9.30E+01	1.71E+02	0.00E+00	-4.07E+00
6.12E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.07E+00
6.12E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.08E+00
6.12E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.07E+00
6.12E+01	-9.30E+01	1.70E+02	-4.88E-03	-4.06E+00
6.12E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.05E+00
6.13E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.06E+00
6.13E+01	-9.30E+01	1.70E+02	-2.44E-03	-4.06E+00
6.13E+01	-9.30E+01	1.71E+02	-1.10E-02	-4.06E+00
6.13E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.04E+00
6.13E+01	-9.30E+01	1.70E+02	-3.42E-02	-4.06E+00
6.14E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.05E+00
6.14E+01	-9.30E+01	1.71E+02	2.44E-02	-4.04E+00
6.14E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.05E+00
6.14E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.05E+00
6.14E+01	-9.30E+01	1.70E+02	-1.10E-02	-4.05E+00
6.15E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.04E+00
6.15E+01	-9.30E+01	1.71E+02	-4.39E-02	-4.04E+00
6.15E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.04E+00
6.15E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.04E+00
6.15E+01	-9.30E+01	1.71E+02	-6.10E-03	-4.03E+00
6.16E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.04E+00
6.16E+01	-9.30E+01	1.71E+02	-4.64E-02	-4.03E+00
6.16E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.04E+00
6.16E+01	-9.30E+01	1.71E+02	1.22E-03	-4.03E+00
6.16E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.01E+00
6.17E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.03E+00
6.17E+01	-9.30E+01	1.70E+02	-2.32E-02	-4.02E+00
6.17E+01	-9.30E+01	1.71E+02	3.66E-03	-4.02E+00

6.17E+01	-9.30E+01	1.71E+02	-2.08E-02	-4.01E+00
6.17E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.02E+00
6.18E+01	-9.30E+01	1.71E+02	-3.54E-02	-4.02E+00
6.18E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.02E+00
6.18E+01	-9.30E+01	1.71E+02	2.44E-03	-4.01E+00
6.18E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.00E+00
6.18E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.00E+00
6.19E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.02E+00
6.19E+01	-9.30E+01	1.71E+02	-4.88E-03	-4.00E+00
6.19E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.00E+00
6.19E+01	-9.30E+01	1.70E+02	-4.27E-02	-4.00E+00
6.19E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.01E+00
6.20E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.00E+00
6.20E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.00E+00
6.20E+01	-9.30E+01	1.71E+02	-5.37E-02	-4.00E+00
6.20E+01	-9.30E+01	1.71E+02	-3.42E-02	-3.99E+00
6.20E+01	-9.30E+01	1.71E+02	0.00E+00	-3.99E+00
6.21E+01	-9.30E+01	1.71E+02	2.44E-02	-3.99E+00
6.21E+01	-9.30E+01	1.70E+02	-4.52E-02	-3.98E+00
6.21E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.00E+00
6.21E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.98E+00
6.21E+01	-9.30E+01	1.71E+02	-7.32E-03	-3.98E+00
6.22E+01	-9.30E+01	1.71E+02	-2.93E-02	-3.97E+00
6.22E+01	-9.30E+01	1.71E+02	-2.44E-02	-3.98E+00
6.22E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.98E+00
6.22E+01	-9.30E+01	1.71E+02	-8.54E-03	-3.97E+00
6.22E+01	-9.30E+01	1.71E+02	-5.13E-02	-3.97E+00
6.23E+01	-9.30E+01	1.71E+02	-4.15E-02	-3.97E+00
6.23E+01	-9.30E+01	1.71E+02	-2.32E-02	-3.98E+00
6.23E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.98E+00
6.23E+01	-9.30E+01	1.70E+02	-9.77E-03	-3.97E+00
6.23E+01	-9.30E+01	1.71E+02	-3.66E-02	-3.95E+00
6.24E+01	-9.30E+01	1.71E+02	-4.03E-02	-3.97E+00
6.24E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.97E+00
6.24E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.97E+00
6.24E+01	-9.30E+01	1.71E+02	-2.69E-02	-3.96E+00
6.24E+01	-9.30E+01	1.71E+02	-2.69E-02	-3.95E+00
6.25E+01	-9.30E+01	1.70E+02	-3.05E-02	-3.96E+00
6.25E+01	-9.30E+01	1.70E+02	-1.10E-02	-3.96E+00
6.25E+01	-9.30E+01	1.71E+02	0.00E+00	-3.95E+00
6.25E+01	-9.30E+01	1.71E+02	-2.08E-02	-3.94E+00
6.25E+01	-9.30E+01	1.71E+02	-2.44E-02	-3.95E+00
6.26E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.95E+00
6.26E+01	-9.30E+01	1.70E+02	7.32E-03	-3.96E+00
6.26E+01	-9.30E+01	1.71E+02	9.77E-03	-3.95E+00
6.26E+01	-9.30E+01	1.71E+02	-2.20E-02	-3.94E+00
6.26E+01	-9.30E+01	1.70E+02	-2.56E-02	-3.94E+00

6.27E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.95E+00
6.27E+01	-9.30E+01	1.70E+02	-2.44E-03	-3.94E+00
6.27E+01	-9.30E+01	1.71E+02	-7.32E-03	-3.93E+00
6.27E+01	-9.30E+01	1.70E+02	-3.91E-02	-3.93E+00
6.27E+01	-9.30E+01	1.70E+02	2.44E-03	-3.96E+00
6.28E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.93E+00
6.28E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.92E+00
6.28E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.92E+00
6.28E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.93E+00
6.28E+01	-9.30E+01	1.70E+02	7.32E-03	-3.93E+00
6.29E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.92E+00
6.29E+01	-9.30E+01	1.70E+02	-2.56E-02	-3.92E+00
6.29E+01	-9.30E+01	1.70E+02	-3.17E-02	-3.92E+00
6.29E+01	-9.30E+01	1.70E+02	9.77E-03	-3.91E+00
6.29E+01	-9.30E+01	1.70E+02	9.77E-03	-3.91E+00
6.30E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.91E+00
6.30E+01	-9.30E+01	1.70E+02	-4.88E-02	-3.92E+00
6.30E+01	-9.30E+01	1.70E+02	-6.10E-03	-3.91E+00
6.30E+01	-9.30E+01	1.70E+02	-4.88E-03	-3.90E+00
6.30E+01	-9.30E+01	1.70E+02	-2.81E-02	-3.91E+00
6.31E+01	-9.30E+01	1.70E+02	-3.17E-02	-3.91E+00
6.31E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.92E+00
6.31E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.90E+00
6.31E+01	-9.30E+01	1.71E+02	-1.46E-02	-3.90E+00
6.31E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.91E+00
6.32E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.90E+00
6.32E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.90E+00
6.32E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.89E+00
6.32E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.89E+00
6.32E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.89E+00
6.33E+01	-9.30E+01	1.69E+02	8.54E-03	-3.89E+00
6.33E+01	-9.30E+01	1.70E+02	2.44E-03	-3.88E+00
6.33E+01	-9.30E+01	1.71E+02	-3.91E-02	-3.88E+00
6.33E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.89E+00
6.33E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.90E+00
6.34E+01	-9.30E+01	1.70E+02	-3.66E-03	-3.88E+00
6.34E+01	-9.30E+01	1.71E+02	-1.22E-02	-3.88E+00
6.34E+01	-9.30E+01	1.70E+02	-3.91E-02	-3.88E+00
6.34E+01	-9.30E+01	1.70E+02	7.32E-03	-3.88E+00
6.34E+01	-9.30E+01	1.70E+02	-1.22E-02	-3.88E+00
6.35E+01	-9.30E+01	1.70E+02	-1.71E-02	-3.86E+00
6.35E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.87E+00
6.35E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.88E+00
6.35E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.87E+00
6.35E+01	-9.30E+01	1.70E+02	0.00E+00	-3.86E+00
6.36E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.85E+00
6.36E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.88E+00

6.36E+01	-9.30E+01	1.70E+02	-8.54E-03	-3.88E+00
6.36E+01	-9.30E+01	1.70E+02	-1.10E-02	-3.87E+00
6.36E+01	-9.30E+01	1.70E+02	7.32E-03	-3.86E+00
6.37E+01	-9.30E+01	1.70E+02	-4.64E-02	-3.85E+00
6.37E+01	-9.30E+01	1.70E+02	-2.32E-02	-3.86E+00
6.37E+01	-9.30E+01	1.70E+02	-6.10E-03	-3.86E+00
6.37E+01	-9.30E+01	1.70E+02	-2.44E-03	-3.86E+00
6.37E+01	-9.30E+01	1.70E+02	7.32E-03	-3.85E+00
6.38E+01	-9.30E+01	1.70E+02	-1.83E-02	-3.83E+00
6.38E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.85E+00
6.38E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.86E+00
6.38E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.84E+00
6.38E+01	-9.30E+01	1.70E+02	3.91E-02	-3.83E+00
6.39E+01	-9.30E+01	1.70E+02	-4.39E-02	-3.84E+00
6.39E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.85E+00
6.39E+01	-9.30E+01	1.70E+02	-1.34E-02	-3.85E+00
6.39E+01	-9.30E+01	1.70E+02	0.00E+00	-3.83E+00
6.39E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.83E+00
6.40E+01	-9.30E+01	1.69E+02	-3.91E-02	-3.83E+00
6.40E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.84E+00
6.40E+01	-9.30E+01	1.70E+02	-2.93E-02	-3.84E+00
6.40E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.82E+00
6.40E+01	-9.30E+01	1.70E+02	-2.20E-02	-3.82E+00
6.41E+01	-9.30E+01	1.69E+02	-3.42E-02	-3.83E+00
6.41E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.83E+00
6.41E+01	-9.30E+01	1.70E+02	-7.32E-03	-3.81E+00
6.41E+01	-9.30E+01	1.70E+02	-2.44E-02	-3.81E+00
6.41E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.82E+00
6.42E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.83E+00
6.42E+01	-9.30E+01	1.69E+02	-4.88E-03	-3.81E+00
6.42E+01	-9.30E+01	1.70E+02	-3.42E-02	-3.81E+00
6.42E+01	-9.30E+01	1.70E+02	-2.32E-02	-3.82E+00
6.42E+01	-9.30E+01	1.69E+02	-6.10E-03	-3.81E+00
6.43E+01	-9.30E+01	1.70E+02	-1.83E-02	-3.80E+00
6.43E+01	-9.30E+01	1.70E+02	-2.69E-02	-3.81E+00
6.43E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.81E+00
6.43E+01	-9.30E+01	1.69E+02	2.93E-02	-3.80E+00
6.43E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.80E+00
6.44E+01	-9.30E+01	1.70E+02	-1.95E-02	-3.81E+00
6.44E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.80E+00
6.44E+01	-9.30E+01	1.69E+02	1.22E-03	-3.78E+00
6.44E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.80E+00
6.44E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.80E+00
6.45E+01	-9.30E+01	1.69E+02	-1.34E-02	-3.80E+00
6.45E+01	-9.30E+01	1.69E+02	-4.88E-03	-3.78E+00
6.45E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.79E+00
6.45E+01	-9.30E+01	1.70E+02	-4.64E-02	-3.78E+00

6.45E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.79E+00
6.46E+01	-9.30E+01	1.69E+02	-1.22E-03	-3.79E+00
6.46E+01	-9.30E+01	1.69E+02	4.88E-03	-3.76E+00
6.46E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.78E+00
6.46E+01	-9.30E+01	1.69E+02	-3.78E-02	-3.78E+00
6.46E+01	-9.30E+01	1.69E+02	0.00E+00	-3.78E+00
6.47E+01	-9.30E+01	1.69E+02	-3.42E-02	-3.77E+00
6.47E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.78E+00
6.47E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.78E+00
6.47E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.76E+00
6.47E+01	-9.30E+01	1.69E+02	-2.32E-02	-3.77E+00
6.48E+01	-9.30E+01	1.69E+02	-5.37E-02	-3.76E+00
6.48E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.78E+00
6.48E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.77E+00
6.48E+01	-9.30E+01	1.69E+02	-4.39E-02	-3.75E+00
6.48E+01	-9.30E+01	1.69E+02	-5.00E-02	-3.76E+00
6.49E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.77E+00
6.49E+01	-9.30E+01	1.69E+02	4.88E-03	-3.76E+00
6.49E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.75E+00
6.49E+01	-9.30E+01	1.69E+02	-3.54E-02	-3.76E+00
6.49E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.76E+00
6.50E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.75E+00
6.50E+01	-9.30E+01	1.69E+02	-6.10E-03	-3.74E+00
6.50E+01	-9.30E+01	1.69E+02	7.32E-03	-3.74E+00
6.50E+01	-9.30E+01	1.69E+02	-3.78E-02	-3.75E+00
6.50E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.75E+00
6.51E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.73E+00
6.51E+01	-9.30E+01	1.69E+02	-2.56E-02	-3.75E+00
6.51E+01	-9.30E+01	1.69E+02	-5.25E-02	-3.74E+00
6.51E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.75E+00
6.51E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.74E+00
6.52E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.72E+00
6.52E+01	-9.30E+01	1.70E+02	-6.10E-03	-3.73E+00
6.52E+01	-9.30E+01	1.69E+02	-4.64E-02	-3.73E+00
6.52E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.73E+00
6.52E+01	-9.30E+01	1.69E+02	0.00E+00	-3.73E+00
6.53E+01	-9.30E+01	1.69E+02	1.22E-02	-3.72E+00
6.53E+01	-9.30E+01	1.69E+02	-3.91E-02	-3.73E+00
6.53E+01	-9.30E+01	1.69E+02	-3.66E-02	-3.73E+00
6.53E+01	-9.30E+01	1.69E+02	1.22E-03	-3.73E+00
6.53E+01	-9.30E+01	1.69E+02	1.22E-03	-3.71E+00
6.54E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.71E+00
6.54E+01	-9.30E+01	1.69E+02	-2.81E-02	-3.72E+00
6.54E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.72E+00
6.54E+01	-9.30E+01	1.69E+02	-1.22E-03	-3.71E+00
6.54E+01	-9.30E+01	1.69E+02	-2.56E-02	-3.69E+00
6.55E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.70E+00

6.55E+01	-9.30E+01	1.69E+02	-2.56E-02	-3.72E+00
6.55E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.70E+00
6.55E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.70E+00
6.55E+01	-9.30E+01	1.69E+02	-5.13E-02	-3.70E+00
6.56E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.70E+00
6.56E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.71E+00
6.56E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.70E+00
6.56E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.69E+00
6.56E+01	-9.30E+01	1.69E+02	-3.42E-02	-3.70E+00
6.57E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.70E+00
6.57E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.69E+00
6.57E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.68E+00
6.57E+01	-9.30E+01	1.69E+02	-3.05E-02	-3.68E+00
6.57E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.69E+00
6.58E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.69E+00
6.58E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.67E+00
6.58E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.67E+00
6.58E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.69E+00
6.58E+01	-9.30E+01	1.69E+02	-1.22E-03	-3.68E+00
6.59E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.67E+00
6.59E+01	-9.30E+01	1.69E+02	-1.22E-03	-3.67E+00
6.59E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.66E+00
6.59E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.67E+00
6.59E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.67E+00
6.60E+01	-9.30E+01	1.68E+02	-1.10E-02	-3.67E+00
6.60E+01	-9.30E+01	1.68E+02	2.44E-03	-3.66E+00
6.60E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.64E+00
6.60E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.65E+00
6.60E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.66E+00
6.61E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.66E+00
6.61E+01	-9.30E+01	1.68E+02	-1.22E-03	-3.65E+00
6.61E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.65E+00
6.61E+01	-9.30E+01	1.69E+02	-3.91E-02	-3.65E+00
6.61E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.66E+00
6.62E+01	-9.30E+01	1.68E+02	-1.10E-02	-3.65E+00
6.62E+01	-9.30E+01	1.69E+02	-4.52E-02	-3.65E+00
6.62E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.65E+00
6.62E+01	-9.30E+01	1.68E+02	-3.91E-02	-3.64E+00
6.62E+01	-9.30E+01	1.68E+02	0.00E+00	-3.65E+00
6.63E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.63E+00
6.63E+01	-9.30E+01	1.69E+02	-2.56E-02	-3.65E+00
6.63E+01	-9.30E+01	1.68E+02	-3.30E-02	-3.64E+00
6.63E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.64E+00
6.63E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.63E+00
6.64E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.64E+00
6.64E+01	-9.30E+01	1.68E+02	-3.17E-02	-3.64E+00
6.64E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.62E+00

6.64E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.62E+00
6.64E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.62E+00
6.65E+01	-9.30E+01	1.68E+02	2.44E-03	-3.63E+00
6.65E+01	-9.30E+01	1.68E+02	-8.54E-03	-3.61E+00
6.65E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.62E+00
6.65E+01	-9.30E+01	1.68E+02	-8.54E-03	-3.61E+00
6.65E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.63E+00
6.66E+01	-9.30E+01	1.68E+02	0.00E+00	-3.61E+00
6.66E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.61E+00
6.66E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.62E+00
6.66E+01	-9.30E+01	1.68E+02	-3.17E-02	-3.62E+00
6.66E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.61E+00
6.67E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.60E+00
6.67E+01	-9.30E+01	1.68E+02	-3.66E-02	-3.61E+00
6.67E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.61E+00
6.67E+01	-9.30E+01	1.68E+02	2.44E-03	-3.61E+00
6.67E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.59E+00
6.68E+01	-9.30E+01	1.67E+02	-2.56E-02	-3.60E+00
6.68E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.60E+00
6.68E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.60E+00
6.68E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.60E+00
6.68E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.58E+00
6.69E+01	-9.30E+01	1.68E+02	-5.62E-02	-3.57E+00
6.69E+01	-9.30E+01	1.68E+02	-4.15E-02	-3.59E+00
6.69E+01	-9.30E+01	1.68E+02	0.00E+00	-3.60E+00
6.69E+01	-9.30E+01	1.67E+02	1.22E-03	-3.59E+00
6.69E+01	-9.30E+01	1.67E+02	-1.46E-02	-3.57E+00
6.70E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.58E+00
6.70E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.59E+00
6.70E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.58E+00
6.70E+01	-9.30E+01	1.68E+02	0.00E+00	-3.57E+00
6.70E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.57E+00
6.71E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.56E+00
6.71E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.58E+00
6.71E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.57E+00
6.71E+01	-9.30E+01	1.68E+02	4.88E-03	-3.57E+00
6.71E+01	-9.30E+01	1.68E+02	7.32E-03	-3.56E+00
6.72E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.56E+00
6.72E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.58E+00
6.72E+01	-9.30E+01	1.68E+02	-6.10E-03	-3.56E+00
6.72E+01	-9.30E+01	1.68E+02	0.00E+00	-3.55E+00
6.72E+01	-9.30E+01	1.68E+02	-4.15E-02	-3.55E+00
6.73E+01	-9.30E+01	1.68E+02	-2.08E-02	-3.56E+00
6.73E+01	-9.30E+01	1.68E+02	-1.10E-02	-3.56E+00
6.73E+01	-9.30E+01	1.68E+02	-1.83E-02	-3.55E+00
6.73E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.55E+00
6.73E+01	-9.30E+01	1.68E+02	-3.66E-02	-3.55E+00

6.74E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.54E+00
6.74E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.54E+00
6.74E+01	-9.30E+01	1.68E+02	-2.08E-02	-3.54E+00
6.74E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.55E+00
6.74E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.55E+00
6.75E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.55E+00
6.75E+01	-9.30E+01	1.68E+02	1.22E-03	-3.54E+00
6.75E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.53E+00
6.75E+01	-9.30E+01	1.68E+02	-2.81E-02	-3.55E+00
6.75E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.53E+00
6.76E+01	-9.30E+01	1.68E+02	1.22E-02	-3.53E+00
6.76E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.53E+00
6.76E+01	-9.30E+01	1.68E+02	-2.81E-02	-3.53E+00
6.76E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.54E+00
6.76E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.52E+00
6.77E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.52E+00
6.77E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.53E+00
6.77E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.51E+00
6.77E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.51E+00
6.77E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.51E+00
6.78E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.51E+00
6.78E+01	-9.30E+01	1.68E+02	-3.66E-02	-3.52E+00
6.78E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.51E+00
6.78E+01	-9.30E+01	1.68E+02	1.46E-02	-3.51E+00
6.78E+01	-9.30E+01	1.68E+02	-1.34E-02	-3.50E+00
6.79E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.50E+00
6.79E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.51E+00
6.79E+01	-9.30E+01	1.68E+02	-1.34E-02	-3.51E+00
6.79E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.50E+00
6.79E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.50E+00
6.80E+01	-9.30E+01	1.68E+02	-2.56E-02	-3.51E+00
6.80E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.49E+00
6.80E+01	-9.30E+01	1.68E+02	4.88E-03	-3.49E+00
6.80E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.49E+00
6.80E+01	-9.30E+01	1.68E+02	-3.78E-02	-3.49E+00
6.81E+01	-9.30E+01	1.68E+02	1.34E-02	-3.51E+00
6.81E+01	-9.30E+01	1.68E+02	-8.54E-03	-3.49E+00
6.81E+01	-9.30E+01	1.68E+02	-3.66E-03	-3.48E+00
6.81E+01	-9.30E+01	1.68E+02	4.88E-03	-3.48E+00
6.81E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.49E+00
6.82E+01	-9.30E+01	1.68E+02	-1.83E-02	-3.49E+00
6.82E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.48E+00
6.82E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.47E+00
6.82E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.48E+00
6.82E+01	-9.30E+01	1.68E+02	-2.56E-02	-3.48E+00
6.83E+01	-9.30E+01	1.68E+02	-3.66E-03	-3.48E+00
6.83E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.46E+00

6.83E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.47E+00
6.83E+01	-9.30E+01	1.68E+02	-3.66E-02	-3.48E+00
6.83E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.47E+00
6.84E+01	-9.30E+01	1.68E+02	0.00E+00	-3.47E+00
6.84E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.46E+00
6.84E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.45E+00
6.84E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.47E+00
6.84E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.47E+00
6.85E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.47E+00
6.85E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.46E+00
6.85E+01	-9.30E+01	1.68E+02	-4.64E-02	-3.45E+00
6.85E+01	-9.30E+01	1.68E+02	-2.08E-02	-3.46E+00
6.85E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.45E+00
6.86E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.44E+00
6.86E+01	-9.30E+01	1.68E+02	-3.66E-03	-3.45E+00
6.86E+01	-9.30E+01	1.68E+02	-4.15E-02	-3.44E+00
6.86E+01	-9.30E+01	1.68E+02	-1.83E-02	-3.46E+00
6.86E+01	-9.30E+01	1.68E+02	7.32E-03	-3.46E+00
6.87E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.42E+00
6.87E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.44E+00
6.87E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.44E+00
6.87E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.45E+00
6.87E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.43E+00
6.88E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.43E+00
6.88E+01	-9.30E+01	1.68E+02	-2.81E-02	-3.44E+00
6.88E+01	-9.30E+01	1.68E+02	9.77E-03	-3.43E+00
6.88E+01	-9.30E+01	1.68E+02	1.71E-02	-3.43E+00
6.88E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.42E+00
6.89E+01	-9.30E+01	1.68E+02	-2.56E-02	-3.43E+00
6.89E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.43E+00
6.89E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.42E+00
6.89E+01	-9.30E+01	1.68E+02	1.22E-03	-3.41E+00
6.89E+01	-9.30E+01	1.68E+02	-2.56E-02	-3.41E+00
6.90E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.42E+00
6.90E+01	-9.30E+01	1.68E+02	-5.98E-02	-3.42E+00
6.90E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.42E+00
6.90E+01	-9.30E+01	1.68E+02	7.32E-03	-3.41E+00
6.90E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.40E+00
6.91E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.41E+00
6.91E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.41E+00
6.91E+01	-9.30E+01	1.68E+02	-1.59E-02	-3.41E+00
6.91E+01	-9.30E+01	1.68E+02	2.44E-03	-3.40E+00
6.91E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.38E+00
6.92E+01	-9.30E+01	1.68E+02	-3.66E-02	-3.40E+00
6.92E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.41E+00
6.92E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.40E+00
6.92E+01	-9.30E+01	1.68E+02	-3.66E-03	-3.39E+00

6.92E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.37E+00
6.93E+01	-9.30E+01	1.68E+02	-3.54E-02	-3.40E+00
6.93E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.40E+00
6.93E+01	-9.30E+01	1.67E+02	-6.10E-03	-3.38E+00
6.93E+01	-9.30E+01	1.68E+02	-1.34E-02	-3.38E+00
6.93E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.39E+00
6.94E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.38E+00
6.94E+01	-9.30E+01	1.68E+02	4.88E-03	-3.38E+00
6.94E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.36E+00
6.94E+01	-9.30E+01	1.68E+02	-5.86E-02	-3.39E+00
6.94E+01	-9.30E+01	1.68E+02	-2.08E-02	-3.38E+00
6.95E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.37E+00
6.95E+01	-9.30E+01	1.68E+02	0.00E+00	-3.37E+00
6.95E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.36E+00
6.95E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.37E+00
6.95E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.38E+00
6.96E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.36E+00
6.96E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.36E+00
6.96E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.35E+00
6.96E+01	-9.30E+01	1.68E+02	-3.05E-02	-3.35E+00
6.96E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.36E+00
6.97E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.37E+00
6.97E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.36E+00
6.97E+01	-9.30E+01	1.68E+02	7.32E-03	-3.35E+00
6.97E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.34E+00
6.97E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.36E+00
6.98E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.35E+00
6.98E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.33E+00
6.98E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.34E+00
6.98E+01	-9.30E+01	1.68E+02	-3.05E-02	-3.34E+00
6.98E+01	-9.30E+01	1.68E+02	-6.10E-03	-3.35E+00
6.99E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.33E+00
6.99E+01	-9.30E+01	1.68E+02	-1.10E-02	-3.34E+00
6.99E+01	-9.30E+01	1.68E+02	-3.78E-02	-3.34E+00
6.99E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.34E+00
6.99E+01	-9.30E+01	1.68E+02	0.00E+00	-3.33E+00
7.00E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.31E+00
7.00E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.33E+00
7.00E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.34E+00
7.00E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.33E+00
7.00E+01	-9.30E+01	1.68E+02	6.10E-03	-3.33E+00
7.01E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.32E+00
7.01E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.31E+00
7.01E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.33E+00
7.01E+01	-9.30E+01	1.68E+02	1.22E-02	-3.32E+00
7.01E+01	-9.30E+01	1.68E+02	4.88E-03	-3.31E+00
7.02E+01	-9.30E+01	1.68E+02	-1.10E-02	-3.30E+00

7.02E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.31E+00
7.02E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.31E+00
7.02E+01	-9.30E+01	1.68E+02	-2.56E-02	-3.33E+00
7.02E+01	-9.30E+01	1.69E+02	0.00E+00	-3.31E+00
7.03E+01	-9.30E+01	1.68E+02	-3.66E-03	-3.30E+00
7.03E+01	-9.30E+01	1.68E+02	-3.17E-02	-3.30E+00
7.03E+01	-9.30E+01	1.68E+02	-6.23E-02	-3.31E+00
7.03E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.31E+00
7.03E+01	-9.30E+01	1.68E+02	1.22E-03	-3.29E+00
7.04E+01	-9.30E+01	1.68E+02	-1.10E-02	-3.29E+00
7.04E+01	-9.30E+01	1.69E+02	-3.42E-02	-3.29E+00
7.04E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.30E+00
7.04E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.31E+00
7.04E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.29E+00
7.05E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.28E+00
7.05E+01	-9.30E+01	1.69E+02	-3.66E-02	-3.28E+00
7.05E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.29E+00
7.05E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.30E+00
7.05E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.28E+00
7.06E+01	-9.30E+01	1.69E+02	-1.34E-02	-3.27E+00
7.06E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.28E+00
7.06E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.28E+00
7.06E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.28E+00
7.06E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.27E+00
7.07E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.27E+00
7.07E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.27E+00
7.07E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.27E+00
7.07E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.27E+00
7.07E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.27E+00
7.08E+01	-9.30E+01	1.69E+02	0.00E+00	-3.25E+00
7.08E+01	-9.30E+01	1.68E+02	-4.03E-02	-3.28E+00
7.08E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.26E+00
7.08E+01	-9.30E+01	1.69E+02	0.00E+00	-3.26E+00
7.08E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.25E+00
7.09E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.26E+00
7.09E+01	-9.30E+01	1.68E+02	-2.56E-02	-3.27E+00
7.09E+01	-9.30E+01	1.68E+02	-2.08E-02	-3.26E+00
7.09E+01	-9.30E+01	1.69E+02	2.44E-03	-3.25E+00
7.09E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.24E+00
7.10E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.25E+00
7.10E+01	-9.30E+01	1.68E+02	-3.05E-02	-3.26E+00
7.10E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.24E+00
7.10E+01	-9.30E+01	1.69E+02	-6.10E-03	-3.25E+00
7.10E+01	-9.30E+01	1.69E+02	-3.42E-02	-3.23E+00
7.11E+01	-9.30E+01	1.68E+02	-4.39E-02	-3.24E+00
7.11E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.25E+00
7.11E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.24E+00

7.11E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.23E+00
7.11E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.23E+00
7.12E+01	-9.30E+01	1.69E+02	-3.78E-02	-3.24E+00
7.12E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.24E+00
7.12E+01	-9.30E+01	1.68E+02	7.32E-03	-3.23E+00
7.12E+01	-9.30E+01	1.69E+02	2.44E-03	-3.21E+00
7.12E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.22E+00
7.13E+01	-9.30E+01	1.69E+02	-3.42E-02	-3.22E+00
7.13E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.23E+00
7.13E+01	-9.30E+01	1.68E+02	1.46E-02	-3.23E+00
7.13E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.21E+00
7.13E+01	-9.30E+01	1.68E+02	-4.27E-02	-3.22E+00
7.14E+01	-9.30E+01	1.68E+02	-2.81E-02	-3.22E+00
7.14E+01	-9.30E+01	1.68E+02	2.44E-03	-3.22E+00
7.14E+01	-9.30E+01	1.68E+02	-3.66E-03	-3.20E+00
7.14E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.20E+00
7.14E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.22E+00
7.15E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.20E+00
7.15E+01	-9.30E+01	1.69E+02	-3.66E-02	-3.20E+00
7.15E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.20E+00
7.15E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.20E+00
7.15E+01	-9.30E+01	1.69E+02	-3.05E-02	-3.20E+00
7.16E+01	-9.30E+01	1.69E+02	-2.56E-02	-3.22E+00
7.16E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.20E+00
7.16E+01	-9.30E+01	1.68E+02	3.66E-03	-3.20E+00
7.16E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.19E+00
7.16E+01	-9.30E+01	1.69E+02	3.66E-03	-3.18E+00
7.17E+01	-9.30E+01	1.69E+02	-4.64E-02	-3.19E+00
7.17E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.20E+00
7.17E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.19E+00
7.17E+01	-9.30E+01	1.69E+02	0.00E+00	-3.18E+00
7.17E+01	-9.30E+01	1.69E+02	-6.10E-03	-3.16E+00
7.18E+01	-9.30E+01	1.69E+02	-3.66E-02	-3.18E+00
7.18E+01	-9.30E+01	1.69E+02	-3.42E-02	-3.19E+00
7.18E+01	-9.30E+01	1.68E+02	-1.59E-02	-3.18E+00
7.18E+01	-9.30E+01	1.69E+02	7.32E-03	-3.18E+00
7.18E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.18E+00
7.19E+01	-9.30E+01	1.68E+02	-3.17E-02	-3.18E+00
7.19E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.18E+00
7.19E+01	-9.30E+01	1.69E+02	-1.46E-02	-3.15E+00
7.19E+01	-9.30E+01	1.69E+02	-3.05E-02	-3.16E+00
7.19E+01	-9.30E+01	1.69E+02	-3.30E-02	-3.16E+00
7.20E+01	-9.30E+01	1.69E+02	-3.42E-02	-3.17E+00
7.20E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.17E+00
7.20E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.16E+00
7.20E+01	-9.30E+01	1.69E+02	7.32E-03	-3.16E+00
7.20E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.15E+00

7.21E+01	-9.30E+01	1.69E+02	-3.30E-02	-3.16E+00
7.21E+01	-9.30E+01	1.69E+02	-4.03E-02	-3.16E+00
7.21E+01	-9.30E+01	1.69E+02	-2.32E-02	-3.15E+00
7.21E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.14E+00
7.21E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.14E+00
7.22E+01	-9.30E+01	1.69E+02	-3.42E-02	-3.15E+00
7.22E+01	-9.30E+01	1.69E+02	-3.42E-02	-3.15E+00
7.22E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.14E+00
7.22E+01	-9.30E+01	1.69E+02	-1.34E-02	-3.13E+00
7.22E+01	-9.30E+01	1.69E+02	-1.83E-02	-3.13E+00
7.23E+01	-9.30E+01	1.69E+02	-3.91E-02	-3.14E+00
7.23E+01	-9.30E+01	1.69E+02	2.44E-03	-3.13E+00
7.23E+01	-9.30E+01	1.69E+02	-3.66E-03	-3.13E+00
7.23E+01	-9.30E+01	1.69E+02	-2.44E-03	-3.12E+00
7.23E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.13E+00
7.24E+01	-9.30E+01	1.68E+02	-3.17E-02	-3.13E+00
7.24E+01	-9.30E+01	1.69E+02	0.00E+00	-3.13E+00
7.24E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.13E+00
7.24E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.12E+00
7.24E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.12E+00
7.25E+01	-9.30E+01	1.69E+02	7.32E-03	-3.13E+00
7.25E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.13E+00
7.25E+01	-9.30E+01	1.69E+02	1.34E-02	-3.12E+00
7.25E+01	-9.30E+01	1.69E+02	-3.66E-03	-3.11E+00
7.25E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.11E+00
7.26E+01	-9.30E+01	1.69E+02	1.10E-02	-3.12E+00
7.26E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.12E+00
7.26E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.12E+00
7.26E+01	-9.30E+01	1.69E+02	4.88E-03	-3.11E+00
7.26E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.12E+00
7.27E+01	-9.30E+01	1.69E+02	2.44E-03	-3.11E+00
7.27E+01	-9.30E+01	1.69E+02	-4.27E-02	-3.11E+00
7.27E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.11E+00
7.27E+01	-9.30E+01	1.69E+02	2.44E-03	-3.11E+00
7.27E+01	-9.30E+01	1.69E+02	-3.66E-03	-3.10E+00
7.28E+01	-9.30E+01	1.69E+02	-2.08E-02	-3.09E+00
7.28E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.09E+00
7.28E+01	-9.30E+01	1.69E+02	-2.81E-02	-3.10E+00
7.28E+01	-9.30E+01	1.69E+02	1.46E-02	-3.09E+00
7.28E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.09E+00
7.29E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.08E+00
7.29E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.10E+00
7.29E+01	-9.30E+01	1.69E+02	-1.59E-02	-3.09E+00
7.29E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.06E+00
7.29E+01	-9.30E+01	1.69E+02	-3.30E-02	-3.08E+00
7.30E+01	-9.30E+01	1.69E+02	-3.66E-02	-3.08E+00
7.30E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.09E+00

7.30E+01	-9.30E+01	1.69E+02	-4.88E-03	-3.08E+00
7.30E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.08E+00
7.30E+01	-9.30E+01	1.69E+02	-2.32E-02	-3.07E+00
7.31E+01	-9.30E+01	1.69E+02	-3.30E-02	-3.07E+00
7.31E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.08E+00
7.31E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.08E+00
7.31E+01	-9.30E+01	1.69E+02	0.00E+00	-3.06E+00
7.31E+01	-9.30E+01	1.69E+02	-1.71E-02	-3.06E+00
7.32E+01	-9.30E+01	1.69E+02	-3.66E-02	-3.06E+00
7.32E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.08E+00
7.32E+01	-9.30E+01	1.68E+02	-6.10E-03	-3.07E+00
7.32E+01	-9.30E+01	1.69E+02	0.00E+00	-3.05E+00
7.32E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.05E+00
7.33E+01	-9.30E+01	1.69E+02	-3.66E-02	-3.06E+00
7.33E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.06E+00
7.33E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.05E+00
7.33E+01	-9.30E+01	1.69E+02	-1.22E-03	-3.04E+00
7.33E+01	-9.30E+01	1.69E+02	-1.10E-02	-3.05E+00
7.34E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.05E+00
7.34E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.05E+00
7.34E+01	-9.30E+01	1.69E+02	6.10E-03	-3.05E+00
7.34E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.03E+00
7.34E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.04E+00
7.35E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.05E+00
7.35E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.04E+00
7.35E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.03E+00
7.35E+01	-9.30E+01	1.69E+02	-1.22E-02	-3.03E+00
7.35E+01	-9.30E+01	1.69E+02	-2.93E-02	-3.04E+00
7.36E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.04E+00
7.36E+01	-9.30E+01	1.69E+02	2.44E-03	-3.03E+00
7.36E+01	-9.30E+01	1.69E+02	0.00E+00	-3.02E+00
7.36E+01	-9.30E+01	1.69E+02	-2.20E-02	-3.02E+00
7.36E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.02E+00
7.37E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.05E+00
7.37E+01	-9.30E+01	1.69E+02	1.22E-02	-3.01E+00
7.37E+01	-9.30E+01	1.69E+02	2.44E-03	-3.02E+00
7.37E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.01E+00
7.37E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.02E+00
7.38E+01	-9.30E+01	1.69E+02	-3.17E-02	-3.04E+00
7.38E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.00E+00
7.38E+01	-9.30E+01	1.69E+02	7.32E-03	-3.00E+00
7.38E+01	-9.30E+01	1.69E+02	-1.95E-02	-3.00E+00
7.38E+01	-9.30E+01	1.69E+02	-4.15E-02	-3.01E+00
7.39E+01	-9.30E+01	1.69E+02	-2.81E-02	-3.02E+00
7.39E+01	-9.30E+01	1.69E+02	-1.34E-02	-3.01E+00
7.39E+01	-9.30E+01	1.70E+02	-7.32E-03	-2.99E+00
7.39E+01	-9.30E+01	1.70E+02	-1.46E-02	-3.00E+00

7.39E+01	-9.30E+01	1.69E+02	-5.62E-02	-3.00E+00
7.40E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.00E+00
7.40E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.99E+00
7.40E+01	-9.30E+01	1.70E+02	-1.46E-02	-2.98E+00
7.40E+01	-9.30E+01	1.69E+02	-2.44E-02	-3.00E+00
7.40E+01	-9.30E+01	1.69E+02	1.34E-02	-2.99E+00
7.41E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.99E+00
7.41E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.98E+00
7.41E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.98E+00
7.41E+01	-9.30E+01	1.69E+02	-2.56E-02	-2.98E+00
7.41E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.99E+00
7.42E+01	-9.30E+01	1.69E+02	6.10E-03	-2.98E+00
7.42E+01	-9.30E+01	1.69E+02	4.88E-03	-2.97E+00
7.42E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.96E+00
7.42E+01	-9.30E+01	1.69E+02	-2.81E-02	-2.96E+00
7.42E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.98E+00
7.43E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.97E+00
7.43E+01	-9.30E+01	1.69E+02	7.32E-03	-2.97E+00
7.43E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.96E+00
7.43E+01	-9.30E+01	1.69E+02	0.00E+00	-2.96E+00
7.43E+01	-9.30E+01	1.69E+02	-2.08E-02	-2.97E+00
7.44E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.97E+00
7.44E+01	-9.30E+01	1.69E+02	1.22E-03	-2.96E+00
7.44E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.95E+00
7.44E+01	-9.30E+01	1.70E+02	-1.71E-02	-2.95E+00
7.44E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.96E+00
7.45E+01	-9.30E+01	1.69E+02	-1.59E-02	-2.96E+00
7.45E+01	-9.30E+01	1.69E+02	2.44E-03	-2.95E+00
7.45E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.95E+00
7.45E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.94E+00
7.45E+01	-9.30E+01	1.70E+02	-1.95E-02	-2.95E+00
7.46E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.95E+00
7.46E+01	-9.30E+01	1.69E+02	-2.56E-02	-2.94E+00
7.46E+01	-9.30E+01	1.70E+02	-7.32E-03	-2.93E+00
7.46E+01	-9.30E+01	1.70E+02	-2.32E-02	-2.94E+00
7.46E+01	-9.30E+01	1.69E+02	-3.30E-02	-2.94E+00
7.47E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.94E+00
7.47E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.93E+00
7.47E+01	-9.30E+01	1.70E+02	-1.46E-02	-2.93E+00
7.47E+01	-9.30E+01	1.69E+02	-3.17E-02	-2.93E+00
7.47E+01	-9.30E+01	1.69E+02	-1.34E-02	-2.94E+00
7.48E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.93E+00
7.48E+01	-9.30E+01	1.69E+02	-3.54E-02	-2.92E+00
7.48E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.92E+00
7.48E+01	-9.30E+01	1.69E+02	-4.03E-02	-2.92E+00
7.48E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.93E+00
7.49E+01	-9.30E+01	1.69E+02	-8.54E-03	-2.95E+00

7.49E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.91E+00
7.49E+01	-9.30E+01	1.69E+02	-2.32E-02	-2.91E+00
7.49E+01	-9.30E+01	1.69E+02	-3.91E-02	-2.92E+00
7.49E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.92E+00
7.50E+01	-9.30E+01	1.69E+02	2.44E-03	-2.91E+00
7.50E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.91E+00
7.50E+01	-9.30E+01	1.70E+02	-1.10E-02	-2.89E+00
7.50E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.90E+00
7.50E+01	-9.30E+01	1.69E+02	-3.30E-02	-2.91E+00
7.51E+01	-9.30E+01	1.70E+02	-2.93E-02	-2.92E+00
7.51E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.91E+00
7.51E+01	-9.30E+01	1.69E+02	1.22E-03	-2.89E+00
7.51E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.90E+00
7.51E+01	-9.30E+01	1.69E+02	-4.03E-02	-2.90E+00
7.52E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.91E+00
7.52E+01	-9.30E+01	1.69E+02	4.88E-03	-2.89E+00
7.52E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.88E+00
7.52E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.89E+00
7.52E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.90E+00
7.53E+01	-9.30E+01	1.70E+02	4.88E-03	-2.89E+00
7.53E+01	-9.30E+01	1.69E+02	1.10E-02	-2.88E+00
7.53E+01	-9.30E+01	1.69E+02	-1.83E-02	-2.88E+00
7.53E+01	-9.30E+01	1.70E+02	-2.69E-02	-2.88E+00
7.53E+01	-9.30E+01	1.69E+02	-1.22E-03	-2.88E+00
7.54E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.88E+00
7.54E+01	-9.30E+01	1.69E+02	-1.10E-02	-2.88E+00
7.54E+01	-9.30E+01	1.70E+02	-1.71E-02	-2.87E+00
7.54E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.86E+00
7.54E+01	-9.30E+01	1.69E+02	2.44E-03	-2.88E+00
7.55E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.88E+00
7.55E+01	-9.30E+01	1.69E+02	-2.44E-03	-2.87E+00
7.55E+01	-9.30E+01	1.69E+02	-2.44E-03	-2.86E+00
7.55E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.86E+00
7.55E+01	-9.30E+01	1.69E+02	-4.64E-02	-2.85E+00
7.56E+01	-9.30E+01	1.69E+02	-4.15E-02	-2.86E+00
7.56E+01	-9.30E+01	1.70E+02	-3.66E-03	-2.85E+00
7.56E+01	-9.30E+01	1.69E+02	-1.83E-02	-2.86E+00
7.56E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.86E+00
7.56E+01	-9.30E+01	1.69E+02	-4.39E-02	-2.84E+00
7.57E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.86E+00
7.57E+01	-9.30E+01	1.69E+02	-1.10E-02	-2.85E+00
7.57E+01	-9.30E+01	1.69E+02	1.22E-03	-2.85E+00
7.57E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.85E+00
7.57E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.86E+00
7.58E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.86E+00
7.58E+01	-9.30E+01	1.69E+02	-2.44E-03	-2.84E+00
7.58E+01	-9.30E+01	1.70E+02	-4.88E-03	-2.84E+00

7.58E+01	-9.30E+01	1.70E+02	1.22E-02	-2.84E+00
7.58E+01	-9.30E+01	1.69E+02	-3.05E-02	-2.84E+00
7.59E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.85E+00
7.59E+01	-9.30E+01	1.69E+02	0.00E+00	-2.83E+00
7.59E+01	-9.30E+01	1.70E+02	-1.34E-02	-2.84E+00
7.59E+01	-9.30E+01	1.69E+02	-2.69E-02	-2.83E+00
7.59E+01	-9.30E+01	1.69E+02	-3.42E-02	-2.83E+00
7.60E+01	-9.30E+01	1.69E+02	2.44E-03	-2.83E+00
7.60E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.82E+00
7.60E+01	-9.30E+01	1.70E+02	-1.71E-02	-2.81E+00
7.60E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.83E+00
7.60E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.83E+00
7.61E+01	-9.30E+01	1.69E+02	0.00E+00	-2.82E+00
7.61E+01	-9.30E+01	1.69E+02	-3.17E-02	-2.81E+00
7.61E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.84E+00
7.61E+01	-9.30E+01	1.69E+02	2.44E-03	-2.81E+00
7.61E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.81E+00
7.62E+01	-9.30E+01	1.69E+02	-2.69E-02	-2.81E+00
7.62E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.81E+00
7.62E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.80E+00
7.62E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.81E+00
7.62E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.79E+00
7.63E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.80E+00
7.63E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.80E+00
7.63E+01	-9.30E+01	1.69E+02	-2.93E-02	-2.81E+00
7.63E+01	-9.30E+01	1.69E+02	-2.69E-02	-2.80E+00
7.63E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.79E+00
7.64E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.79E+00
7.64E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.81E+00
7.64E+01	-9.30E+01	1.69E+02	1.22E-03	-2.80E+00
7.64E+01	-9.30E+01	1.69E+02	2.44E-03	-2.79E+00
7.64E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.78E+00
7.65E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.78E+00
7.65E+01	-9.30E+01	1.69E+02	-4.64E-02	-2.79E+00
7.65E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.78E+00
7.65E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.78E+00
7.65E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.77E+00
7.66E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.78E+00
7.66E+01	-9.30E+01	1.69E+02	-2.69E-02	-2.78E+00
7.66E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.77E+00
7.66E+01	-9.30E+01	1.69E+02	-6.10E-03	-2.77E+00
7.66E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.76E+00
7.67E+01	-9.30E+01	1.69E+02	-2.69E-02	-2.77E+00
7.67E+01	-9.30E+01	1.69E+02	-3.42E-02	-2.78E+00
7.67E+01	-9.30E+01	1.69E+02	-2.93E-02	-2.77E+00
7.67E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.77E+00
7.67E+01	-9.30E+01	1.69E+02	0.00E+00	-2.76E+00

7.68E+01	-9.30E+01	1.69E+02	4.88E-03	-2.75E+00
7.68E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.76E+00
7.68E+01	-9.30E+01	1.69E+02	-2.56E-02	-2.77E+00
7.68E+01	-9.30E+01	1.69E+02	-2.44E-03	-2.76E+00
7.68E+01	-9.30E+01	1.69E+02	4.88E-03	-2.75E+00
7.69E+01	-9.30E+01	1.69E+02	-1.59E-02	-2.75E+00
7.69E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.75E+00
7.69E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.76E+00
7.69E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.75E+00
7.69E+01	-9.30E+01	1.69E+02	7.32E-03	-2.74E+00
7.70E+01	-9.30E+01	1.69E+02	-1.83E-02	-2.74E+00
7.70E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.74E+00
7.70E+01	-9.30E+01	1.69E+02	-2.81E-02	-2.75E+00
7.70E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.74E+00
7.70E+01	-9.30E+01	1.69E+02	0.00E+00	-2.73E+00
7.71E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.73E+00
7.71E+01	-9.30E+01	1.69E+02	-2.93E-02	-2.73E+00
7.71E+01	-9.30E+01	1.69E+02	-2.81E-02	-2.74E+00
7.71E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.73E+00
7.71E+01	-9.30E+01	1.69E+02	-1.22E-03	-2.71E+00
7.72E+01	-9.30E+01	1.69E+02	-5.37E-02	-2.72E+00
7.72E+01	-9.30E+01	1.69E+02	-3.91E-02	-2.73E+00
7.72E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.73E+00
7.72E+01	-9.30E+01	1.69E+02	-6.10E-03	-2.71E+00
7.72E+01	-9.30E+01	1.69E+02	-2.32E-02	-2.74E+00
7.73E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.73E+00
7.73E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.73E+00
7.73E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.71E+00
7.73E+01	-9.30E+01	1.69E+02	-2.08E-02	-2.71E+00
7.73E+01	-9.30E+01	1.69E+02	-2.93E-02	-2.71E+00
7.74E+01	-9.30E+01	1.69E+02	9.77E-03	-2.71E+00
7.74E+01	-9.30E+01	1.69E+02	2.44E-03	-2.71E+00
7.74E+01	-9.30E+01	1.69E+02	-2.93E-02	-2.70E+00
7.74E+01	-9.30E+01	1.69E+02	-3.42E-02	-2.71E+00
7.74E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.70E+00
7.75E+01	-9.30E+01	1.69E+02	2.44E-03	-2.69E+00
7.75E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.69E+00
7.75E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.70E+00
7.75E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.70E+00
7.75E+01	-9.30E+01	1.69E+02	-2.44E-03	-2.69E+00
7.76E+01	-9.30E+01	1.69E+02	-2.81E-02	-2.68E+00
7.76E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.69E+00
7.76E+01	-9.30E+01	1.69E+02	-3.54E-02	-2.69E+00
7.76E+01	-9.30E+01	1.69E+02	-3.66E-03	-2.69E+00
7.76E+01	-9.30E+01	1.69E+02	0.00E+00	-2.67E+00
7.77E+01	-9.30E+01	1.69E+02	-1.83E-02	-2.67E+00
7.77E+01	-9.30E+01	1.69E+02	-3.05E-02	-2.68E+00

7.77E+01	-9.30E+01	1.69E+02	-2.32E-02	-2.69E+00
7.77E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.68E+00
7.77E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.67E+00
7.78E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.67E+00
7.78E+01	-9.30E+01	1.69E+02	-3.17E-02	-2.69E+00
7.78E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.68E+00
7.78E+01	-9.30E+01	1.69E+02	0.00E+00	-2.67E+00
7.78E+01	-9.30E+01	1.68E+02	-3.30E-02	-2.66E+00
7.79E+01	-9.30E+01	1.69E+02	-4.15E-02	-2.67E+00
7.79E+01	-9.30E+01	1.69E+02	-1.83E-02	-2.68E+00
7.79E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.66E+00
7.79E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.66E+00
7.79E+01	-9.30E+01	1.69E+02	-2.81E-02	-2.66E+00
7.80E+01	-9.30E+01	1.69E+02	-3.91E-02	-2.66E+00
7.80E+01	-9.30E+01	1.69E+02	7.32E-03	-2.67E+00
7.80E+01	-9.30E+01	1.69E+02	-8.54E-03	-2.65E+00
7.80E+01	-9.30E+01	1.69E+02	-1.46E-02	-2.65E+00
7.80E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.64E+00
7.81E+01	-9.30E+01	1.69E+02	-2.81E-02	-2.65E+00
7.81E+01	-9.30E+01	1.69E+02	-1.34E-02	-2.66E+00
7.81E+01	-9.30E+01	1.69E+02	-3.66E-03	-2.65E+00
7.81E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.64E+00
7.81E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.64E+00
7.82E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.65E+00
7.82E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.65E+00
7.82E+01	-9.30E+01	1.69E+02	2.44E-03	-2.65E+00
7.82E+01	-9.30E+01	1.69E+02	1.22E-02	-2.64E+00
7.82E+01	-9.30E+01	1.69E+02	-3.42E-02	-2.63E+00
7.83E+01	-9.30E+01	1.69E+02	-2.69E-02	-2.64E+00
7.83E+01	-9.30E+01	1.69E+02	-2.93E-02	-2.64E+00
7.83E+01	-9.30E+01	1.69E+02	0.00E+00	-2.64E+00
7.83E+01	-9.30E+01	1.69E+02	7.32E-03	-2.64E+00
7.83E+01	-9.30E+01	1.68E+02	4.88E-03	-2.62E+00
7.84E+01	-9.30E+01	1.69E+02	-1.59E-02	-2.62E+00
7.84E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.63E+00
7.84E+01	-9.30E+01	1.69E+02	-3.30E-02	-2.63E+00
7.84E+01	-9.30E+01	1.68E+02	-3.17E-02	-2.63E+00
7.84E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.63E+00
7.85E+01	-9.30E+01	1.69E+02	0.00E+00	-2.61E+00
7.85E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.61E+00
7.85E+01	-9.30E+01	1.69E+02	-3.91E-02	-2.62E+00
7.85E+01	-9.30E+01	1.69E+02	2.44E-03	-2.62E+00
7.85E+01	-9.30E+01	1.69E+02	2.44E-03	-2.62E+00
7.86E+01	-9.30E+01	1.69E+02	2.44E-03	-2.60E+00
7.86E+01	-9.30E+01	1.69E+02	-2.44E-02	-2.61E+00
7.86E+01	-9.30E+01	1.69E+02	-3.42E-02	-2.61E+00
7.86E+01	-9.30E+01	1.69E+02	-8.54E-03	-2.62E+00

7.86E+01	-9.30E+01	1.69E+02	2.44E-03	-2.60E+00
7.87E+01	-9.30E+01	1.69E+02	-2.20E-02	-2.59E+00
7.87E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.60E+00
7.87E+01	-9.30E+01	1.69E+02	-3.05E-02	-2.61E+00
7.87E+01	-9.30E+01	1.69E+02	4.88E-03	-2.62E+00
7.87E+01	-9.30E+01	1.69E+02	2.69E-02	-2.59E+00
7.88E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.59E+00
7.88E+01	-9.30E+01	1.69E+02	-2.69E-02	-2.59E+00
7.88E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.60E+00
7.88E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.57E+00
7.88E+01	-9.30E+01	1.68E+02	8.54E-03	-2.59E+00
7.89E+01	-9.30E+01	1.69E+02	-2.32E-02	-2.58E+00
7.89E+01	-9.30E+01	1.69E+02	-3.05E-02	-2.58E+00
7.89E+01	-9.30E+01	1.69E+02	-1.83E-02	-2.60E+00
7.89E+01	-9.30E+01	1.69E+02	-1.71E-02	-2.59E+00
7.89E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.58E+00
7.90E+01	-9.30E+01	1.69E+02	-4.03E-02	-2.57E+00
7.90E+01	-9.30E+01	1.69E+02	-3.66E-02	-2.57E+00
7.90E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.58E+00
7.90E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.56E+00
7.90E+01	-9.30E+01	1.69E+02	-9.77E-03	-2.57E+00
7.91E+01	-9.30E+01	1.69E+02	-1.22E-02	-2.57E+00
7.91E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.57E+00
7.91E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.57E+00
7.91E+01	-9.30E+01	1.69E+02	9.77E-03	-2.59E+00
7.91E+01	-9.30E+01	1.69E+02	2.44E-03	-2.55E+00
7.92E+01	-9.30E+01	1.69E+02	-4.88E-03	-2.56E+00
7.92E+01	-9.30E+01	1.68E+02	-3.78E-02	-2.56E+00
7.92E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.56E+00
7.92E+01	-9.30E+01	1.69E+02	1.22E-02	-2.57E+00
7.92E+01	-9.30E+01	1.69E+02	-1.95E-02	-2.55E+00
7.93E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.56E+00
7.93E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.56E+00
7.93E+01	-9.30E+01	1.69E+02	0.00E+00	-2.55E+00
7.93E+01	-9.30E+01	1.69E+02	9.77E-03	-2.54E+00
7.93E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.54E+00
7.94E+01	-9.30E+01	1.68E+02	-2.56E-02	-2.56E+00
7.94E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.55E+00
7.94E+01	-9.30E+01	1.68E+02	0.00E+00	-2.54E+00
7.94E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.56E+00
7.94E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.55E+00
7.95E+01	-9.30E+01	1.68E+02	0.00E+00	-2.53E+00
7.95E+01	-9.30E+01	1.69E+02	-7.32E-03	-2.53E+00
7.95E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.53E+00
7.95E+01	-9.30E+01	1.68E+02	-4.39E-02	-2.53E+00
7.95E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.53E+00
7.96E+01	-9.30E+01	1.68E+02	0.00E+00	-2.53E+00

7.96E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.52E+00
7.96E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.53E+00
7.96E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.52E+00
7.96E+01	-9.30E+01	1.68E+02	-1.22E-03	-2.53E+00
7.97E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.51E+00
7.97E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.51E+00
7.97E+01	-9.30E+01	1.69E+02	-2.93E-02	-2.53E+00
7.97E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.51E+00
7.97E+01	-9.30E+01	1.68E+02	0.00E+00	-2.52E+00
7.98E+01	-9.30E+01	1.68E+02	-2.81E-02	-2.50E+00
7.98E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.51E+00
7.98E+01	-9.30E+01	1.69E+02	-2.81E-02	-2.52E+00
7.98E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.50E+00
7.98E+01	-9.30E+01	1.68E+02	7.32E-03	-2.50E+00
7.99E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.50E+00
7.99E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.50E+00
7.99E+01	-9.30E+01	1.68E+02	-1.34E-02	-2.51E+00
7.99E+01	-9.30E+01	1.68E+02	0.00E+00	-2.48E+00
7.99E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.49E+00
8.00E+01	-9.30E+01	1.68E+02	-3.91E-02	-2.49E+00
8.00E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.50E+00
8.00E+01	-9.30E+01	1.68E+02	0.00E+00	-2.49E+00
8.00E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.47E+00
8.00E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.49E+00
8.01E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.49E+00
8.01E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.48E+00
8.01E+01	-9.30E+01	1.68E+02	-3.66E-02	-2.48E+00
8.01E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.49E+00
8.01E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.48E+00
8.02E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.47E+00
8.02E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.47E+00
8.02E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.48E+00
8.02E+01	-9.30E+01	1.68E+02	-1.59E-02	-2.47E+00
8.02E+01	-9.30E+01	1.68E+02	1.46E-02	-2.46E+00
8.03E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.46E+00
8.03E+01	-9.30E+01	1.68E+02	-3.17E-02	-2.47E+00
8.03E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.47E+00
8.03E+01	-9.30E+01	1.68E+02	1.46E-02	-2.48E+00
8.03E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.46E+00
8.04E+01	-9.30E+01	1.68E+02	4.88E-03	-2.45E+00
8.04E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.46E+00
8.04E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.46E+00
8.04E+01	-9.30E+01	1.68E+02	2.93E-02	-2.47E+00
8.04E+01	-9.30E+01	1.68E+02	4.88E-03	-2.45E+00
8.05E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.44E+00
8.05E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.46E+00
8.05E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.45E+00

8.05E+01	-9.30E+01	1.68E+02	-3.17E-02	-2.44E+00
8.05E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.44E+00
8.06E+01	-9.30E+01	1.68E+02	-3.17E-02	-2.45E+00
8.06E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.45E+00
8.06E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.44E+00
8.06E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.43E+00
8.06E+01	-9.30E+01	1.68E+02	-2.08E-02	-2.43E+00
8.07E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.44E+00
8.07E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.43E+00
8.07E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.43E+00
8.07E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.42E+00
8.07E+01	-9.30E+01	1.67E+02	-3.54E-02	-2.43E+00
8.08E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.42E+00
8.08E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.41E+00
8.08E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.42E+00
8.08E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.43E+00
8.08E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.43E+00
8.09E+01	-9.30E+01	1.68E+02	4.88E-03	-2.42E+00
8.09E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.41E+00
8.09E+01	-9.30E+01	1.68E+02	-2.32E-02	-2.41E+00
8.09E+01	-9.30E+01	1.68E+02	-2.81E-02	-2.42E+00
8.09E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.43E+00
8.10E+01	-9.30E+01	1.68E+02	6.10E-03	-2.41E+00
8.10E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.40E+00
8.10E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.40E+00
8.10E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.41E+00
8.10E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.41E+00
8.11E+01	-9.30E+01	1.68E+02	6.10E-03	-2.40E+00
8.11E+01	-9.30E+01	1.68E+02	0.00E+00	-2.40E+00
8.11E+01	-9.30E+01	1.67E+02	-2.81E-02	-2.40E+00
8.11E+01	-9.30E+01	1.67E+02	-3.05E-02	-2.40E+00
8.11E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.39E+00
8.12E+01	-9.30E+01	1.68E+02	-1.22E-03	-2.40E+00
8.12E+01	-9.30E+01	1.67E+02	2.44E-03	-2.39E+00
8.12E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.39E+00
8.12E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.39E+00
8.12E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.38E+00
8.13E+01	-9.30E+01	1.67E+02	0.00E+00	-2.38E+00
8.13E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.37E+00
8.13E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.38E+00
8.13E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.38E+00
8.13E+01	-9.30E+01	1.67E+02	4.88E-03	-2.37E+00
8.14E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.36E+00
8.14E+01	-9.30E+01	1.68E+02	-3.78E-02	-2.38E+00
8.14E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.39E+00
8.14E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.37E+00
8.14E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.37E+00

8.15E+01	-9.30E+01	1.68E+02	-6.10E-03	-2.36E+00
8.15E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.37E+00
8.15E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.37E+00
8.15E+01	-9.30E+01	1.67E+02	2.44E-03	-2.36E+00
8.15E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.34E+00
8.16E+01	-9.30E+01	1.68E+02	-5.86E-02	-2.36E+00
8.16E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.36E+00
8.16E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.36E+00
8.16E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.35E+00
8.16E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.34E+00
8.17E+01	-9.30E+01	1.68E+02	-5.62E-02	-2.34E+00
8.17E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.36E+00
8.17E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.36E+00
8.17E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.34E+00
8.17E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.34E+00
8.18E+01	-9.30E+01	1.67E+02	-4.15E-02	-2.34E+00
8.18E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.35E+00
8.18E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.35E+00
8.18E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.33E+00
8.18E+01	-9.30E+01	1.68E+02	-1.34E-02	-2.34E+00
8.19E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.34E+00
8.19E+01	-9.30E+01	1.68E+02	-3.30E-02	-2.34E+00
8.19E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.34E+00
8.19E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.32E+00
8.19E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.31E+00
8.20E+01	-9.30E+01	1.68E+02	-5.49E-02	-2.33E+00
8.20E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.32E+00
8.20E+01	-9.30E+01	1.67E+02	9.77E-03	-2.32E+00
8.20E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.31E+00
8.20E+01	-9.30E+01	1.68E+02	-2.56E-02	-2.30E+00
8.21E+01	-9.30E+01	1.67E+02	-4.64E-02	-2.32E+00
8.21E+01	-9.30E+01	1.67E+02	3.66E-03	-2.32E+00
8.21E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.31E+00
8.21E+01	-9.30E+01	1.68E+02	-3.54E-02	-2.31E+00
8.21E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.33E+00
8.22E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.30E+00
8.22E+01	-9.30E+01	1.68E+02	-6.10E-03	-2.31E+00
8.22E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.31E+00
8.22E+01	-9.30E+01	1.68E+02	-1.83E-02	-2.31E+00
8.22E+01	-9.30E+01	1.68E+02	1.22E-03	-2.30E+00
8.23E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.29E+00
8.23E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.31E+00
8.23E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.30E+00
8.23E+01	-9.30E+01	1.68E+02	4.88E-03	-2.29E+00
8.23E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.30E+00
8.24E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.30E+00
8.24E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.30E+00

8.24E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.28E+00
8.24E+01	-9.30E+01	1.68E+02	-2.32E-02	-2.29E+00
8.24E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.31E+00
8.25E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.28E+00
8.25E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.27E+00
8.25E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.28E+00
8.25E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.29E+00
8.25E+01	-9.30E+01	1.67E+02	0.00E+00	-2.29E+00
8.26E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.28E+00
8.26E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.27E+00
8.26E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.28E+00
8.26E+01	-9.30E+01	1.67E+02	-1.59E-02	-2.28E+00
8.26E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.26E+00
8.27E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.26E+00
8.27E+01	-9.30E+01	1.67E+02	-4.39E-02	-2.26E+00
8.27E+01	-9.30E+01	1.67E+02	0.00E+00	-2.27E+00
8.27E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.26E+00
8.27E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.26E+00
8.28E+01	-9.30E+01	1.67E+02	-3.30E-02	-2.27E+00
8.28E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.28E+00
8.28E+01	-9.30E+01	1.67E+02	-1.22E-03	-2.26E+00
8.28E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.25E+00
8.28E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.26E+00
8.29E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.25E+00
8.29E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.26E+00
8.29E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.24E+00
8.29E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.25E+00
8.29E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.25E+00
8.30E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.24E+00
8.30E+01	-9.30E+01	1.68E+02	8.54E-03	-2.24E+00
8.30E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.24E+00
8.30E+01	-9.30E+01	1.67E+02	-1.10E-02	-2.24E+00
8.30E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.24E+00
8.31E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.22E+00
8.31E+01	-9.30E+01	1.67E+02	0.00E+00	-2.25E+00
8.31E+01	-9.30E+01	1.67E+02	-3.66E-03	-2.24E+00
8.31E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.23E+00
8.31E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.22E+00
8.32E+01	-9.30E+01	1.67E+02	-3.30E-02	-2.22E+00
8.32E+01	-9.30E+01	1.67E+02	-3.66E-02	-2.23E+00
8.32E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.23E+00
8.32E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.22E+00
8.32E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.22E+00
8.33E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.22E+00
8.33E+01	-9.30E+01	1.67E+02	2.08E-02	-2.22E+00
8.33E+01	-9.30E+01	1.68E+02	-3.66E-03	-2.20E+00
8.33E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.21E+00

8.33E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.21E+00
8.34E+01	-9.30E+01	1.67E+02	-3.05E-02	-2.21E+00
8.34E+01	-9.30E+01	1.67E+02	2.20E-02	-2.21E+00
8.34E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.20E+00
8.34E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.20E+00
8.34E+01	-9.30E+01	1.67E+02	-3.17E-02	-2.20E+00
8.35E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.21E+00
8.35E+01	-9.30E+01	1.67E+02	4.88E-03	-2.20E+00
8.35E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.20E+00
8.35E+01	-9.30E+01	1.68E+02	-2.81E-02	-2.18E+00
8.35E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.21E+00
8.36E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.20E+00
8.36E+01	-9.30E+01	1.68E+02	3.66E-03	-2.19E+00
8.36E+01	-9.30E+01	1.67E+02	-1.34E-02	-2.19E+00
8.36E+01	-9.30E+01	1.67E+02	-6.47E-02	-2.18E+00
8.36E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.19E+00
8.37E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.19E+00
8.37E+01	-9.30E+01	1.68E+02	7.32E-03	-2.18E+00
8.37E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.18E+00
8.37E+01	-9.30E+01	1.68E+02	-5.13E-02	-2.18E+00
8.37E+01	-9.30E+01	1.68E+02	-3.17E-02	-2.19E+00
8.38E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.17E+00
8.38E+01	-9.30E+01	1.67E+02	0.00E+00	-2.17E+00
8.38E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.17E+00
8.38E+01	-9.30E+01	1.68E+02	-3.91E-02	-2.18E+00
8.38E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.17E+00
8.39E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.16E+00
8.39E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.17E+00
8.39E+01	-9.30E+01	1.67E+02	-2.81E-02	-2.17E+00
8.39E+01	-9.30E+01	1.67E+02	2.44E-03	-2.17E+00
8.39E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.14E+00
8.40E+01	-9.30E+01	1.68E+02	-1.59E-02	-2.15E+00
8.40E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.16E+00
8.40E+01	-9.30E+01	1.67E+02	-2.93E-02	-2.16E+00
8.40E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.16E+00
8.40E+01	-9.30E+01	1.68E+02	3.66E-03	-2.15E+00
8.41E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.15E+00
8.41E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.16E+00
8.41E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.16E+00
8.41E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.14E+00
8.41E+01	-9.30E+01	1.68E+02	2.44E-03	-2.14E+00
8.42E+01	-9.30E+01	1.68E+02	-3.17E-02	-2.15E+00
8.42E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.14E+00
8.42E+01	-9.30E+01	1.67E+02	-2.69E-02	-2.15E+00
8.42E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.13E+00
8.42E+01	-9.30E+01	1.68E+02	-1.22E-02	-2.13E+00
8.43E+01	-9.30E+01	1.67E+02	-3.66E-02	-2.14E+00

8.43E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.14E+00
8.43E+01	-9.30E+01	1.67E+02	-7.32E-03	-2.13E+00
8.43E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.12E+00
8.43E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.12E+00
8.44E+01	-9.30E+01	1.68E+02	-3.66E-02	-2.13E+00
8.44E+01	-9.30E+01	1.68E+02	-4.64E-02	-2.13E+00
8.44E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.12E+00
8.44E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.11E+00
8.44E+01	-9.30E+01	1.68E+02	-2.69E-02	-2.13E+00
8.45E+01	-9.30E+01	1.68E+02	-2.08E-02	-2.12E+00
8.45E+01	-9.30E+01	1.67E+02	0.00E+00	-2.11E+00
8.45E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.12E+00
8.45E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.11E+00
8.45E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.12E+00
8.46E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.11E+00
8.46E+01	-9.30E+01	1.68E+02	0.00E+00	-2.10E+00
8.46E+01	-9.30E+01	1.68E+02	-2.32E-02	-2.10E+00
8.46E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.11E+00
8.46E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.11E+00
8.47E+01	-9.30E+01	1.67E+02	-6.10E-03	-2.09E+00
8.47E+01	-9.30E+01	1.68E+02	-1.34E-02	-2.09E+00
8.47E+01	-9.30E+01	1.68E+02	-5.13E-02	-2.10E+00
8.47E+01	-9.30E+01	1.68E+02	-1.83E-02	-2.11E+00
8.47E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.10E+00
8.48E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.09E+00
8.48E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.08E+00
8.48E+01	-9.30E+01	1.68E+02	-1.22E-03	-2.09E+00
8.48E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.10E+00
8.48E+01	-9.30E+01	1.68E+02	9.77E-03	-2.09E+00
8.49E+01	-9.30E+01	1.67E+02	-1.22E-02	-2.08E+00
8.49E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.08E+00
8.49E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.09E+00
8.49E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.08E+00
8.49E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.07E+00
8.50E+01	-9.30E+01	1.68E+02	-4.52E-02	-2.07E+00
8.50E+01	-9.30E+01	1.68E+02	-2.32E-02	-2.08E+00
8.50E+01	-9.30E+01	1.68E+02	-4.88E-03	-2.07E+00
8.50E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.05E+00
8.50E+01	-9.30E+01	1.68E+02	-4.39E-02	-2.06E+00
8.51E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.08E+00
8.51E+01	-9.30E+01	1.68E+02	-9.77E-03	-2.06E+00
8.51E+01	-9.30E+01	1.68E+02	-1.46E-02	-2.06E+00
8.51E+01	-9.30E+01	1.68E+02	-3.05E-02	-2.08E+00
8.51E+01	-9.30E+01	1.68E+02	-2.44E-03	-2.07E+00
8.52E+01	-9.30E+01	1.68E+02	8.54E-03	-2.06E+00
8.52E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.05E+00
8.52E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.06E+00

8.52E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.08E+00
8.52E+01	-9.30E+01	1.68E+02	0.00E+00	-2.04E+00
8.53E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.05E+00
8.53E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.05E+00
8.53E+01	-9.30E+01	1.68E+02	-8.54E-03	-2.05E+00
8.53E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.04E+00
8.53E+01	-9.30E+01	1.68E+02	-2.20E-02	-2.04E+00
8.54E+01	-9.30E+01	1.68E+02	-2.44E-02	-2.06E+00
8.54E+01	-9.30E+01	1.67E+02	-2.20E-02	-2.05E+00
8.54E+01	-9.30E+01	1.67E+02	2.44E-03	-2.03E+00
8.54E+01	-9.30E+01	1.68E+02	-2.08E-02	-2.03E+00
8.54E+01	-9.30E+01	1.68E+02	-2.32E-02	-2.04E+00
8.55E+01	-9.30E+01	1.67E+02	-2.81E-02	-2.03E+00
8.55E+01	-9.30E+01	1.67E+02	-4.88E-03	-2.03E+00
8.55E+01	-9.30E+01	1.67E+02	-1.71E-02	-2.03E+00
8.55E+01	-9.30E+01	1.68E+02	-3.42E-02	-2.03E+00
8.55E+01	-9.30E+01	1.68E+02	-1.71E-02	-2.04E+00
8.56E+01	-9.30E+01	1.67E+02	-1.83E-02	-2.04E+00
8.56E+01	-9.30E+01	1.67E+02	-1.46E-02	-2.02E+00
8.56E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.02E+00
8.56E+01	-9.30E+01	1.68E+02	-3.66E-02	-2.03E+00
8.56E+01	-9.30E+01	1.67E+02	0.00E+00	-2.02E+00
8.57E+01	-9.30E+01	1.67E+02	-2.44E-02	-2.00E+00
8.57E+01	-9.30E+01	1.68E+02	-7.32E-03	-2.02E+00
8.57E+01	-9.30E+01	1.68E+02	-2.93E-02	-2.02E+00
8.57E+01	-9.30E+01	1.67E+02	-9.77E-03	-2.02E+00
8.57E+01	-9.30E+01	1.67E+02	2.44E-03	-2.01E+00
8.58E+01	-9.30E+01	1.68E+02	-1.95E-02	-2.02E+00
8.58E+01	-9.30E+01	1.68E+02	-1.59E-02	-2.01E+00
8.58E+01	-9.30E+01	1.67E+02	-2.56E-02	-2.01E+00
8.58E+01	-9.30E+01	1.67E+02	-2.44E-03	-2.00E+00
8.58E+01	-9.30E+01	1.68E+02	-2.81E-02	-2.00E+00
8.59E+01	-9.30E+01	1.67E+02	-4.15E-02	-2.03E+00
8.59E+01	-9.30E+01	1.67E+02	-1.95E-02	-2.01E+00
8.59E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.99E+00
8.59E+01	-9.30E+01	1.68E+02	-1.95E-02	-1.99E+00
8.59E+01	-9.30E+01	1.68E+02	-3.66E-02	-2.00E+00
8.60E+01	-9.30E+01	1.67E+02	8.54E-03	-1.99E+00
8.60E+01	-9.30E+01	1.67E+02	1.22E-02	-1.99E+00
8.60E+01	-9.30E+01	1.68E+02	-4.88E-03	-1.98E+00
8.60E+01	-9.30E+01	1.68E+02	-1.83E-02	-1.99E+00
8.60E+01	-9.30E+01	1.67E+02	-3.05E-02	-2.00E+00
8.61E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.99E+00
8.61E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.99E+00
8.61E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.97E+00
8.61E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.98E+00
8.61E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.99E+00

8.62E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.98E+00
8.62E+01	-9.30E+01	1.67E+02	4.88E-03	-1.97E+00
8.62E+01	-9.30E+01	1.67E+02	-3.17E-02	-1.97E+00
8.62E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.98E+00
8.62E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.98E+00
8.63E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.96E+00
8.63E+01	-9.30E+01	1.67E+02	-1.22E-02	-1.96E+00
8.63E+01	-9.30E+01	1.67E+02	-1.34E-02	-1.97E+00
8.63E+01	-9.30E+01	1.67E+02	-1.46E-02	-1.98E+00
8.63E+01	-9.30E+01	1.67E+02	-1.46E-02	-1.96E+00
8.64E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.95E+00
8.64E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.95E+00
8.64E+01	-9.30E+01	1.67E+02	2.44E-03	-1.96E+00
8.64E+01	-9.30E+01	1.67E+02	-1.22E-02	-1.96E+00
8.64E+01	-9.30E+01	1.67E+02	0.00E+00	-1.96E+00
8.65E+01	-9.30E+01	1.67E+02	-1.22E-02	-1.95E+00
8.65E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.94E+00
8.65E+01	-9.30E+01	1.67E+02	-1.10E-02	-1.94E+00
8.65E+01	-9.30E+01	1.67E+02	-3.17E-02	-1.96E+00
8.65E+01	-9.30E+01	1.67E+02	-2.44E-03	-1.94E+00
8.66E+01	-9.30E+01	1.67E+02	-1.22E-02	-1.93E+00
8.66E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.93E+00
8.66E+01	-9.30E+01	1.67E+02	-3.17E-02	-1.94E+00
8.66E+01	-9.30E+01	1.67E+02	-1.46E-02	-1.94E+00
8.66E+01	-9.30E+01	1.67E+02	7.32E-03	-1.93E+00
8.67E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.92E+00
8.67E+01	-9.30E+01	1.67E+02	-2.44E-02	-1.93E+00
8.67E+01	-9.30E+01	1.67E+02	-2.69E-02	-1.94E+00
8.67E+01	-9.30E+01	1.67E+02	0.00E+00	-1.94E+00
8.67E+01	-9.30E+01	1.67E+02	0.00E+00	-1.93E+00
8.68E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.92E+00
8.68E+01	-9.30E+01	1.67E+02	-2.56E-02	-1.92E+00
8.68E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.93E+00
8.68E+01	-9.30E+01	1.67E+02	-1.22E-02	-1.93E+00
8.68E+01	-9.30E+01	1.67E+02	7.32E-03	-1.92E+00
8.69E+01	-9.30E+01	1.67E+02	8.54E-03	-1.91E+00
8.69E+01	-9.30E+01	1.67E+02	-2.56E-02	-1.91E+00
8.69E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.92E+00
8.69E+01	-9.30E+01	1.67E+02	-2.08E-02	-1.93E+00
8.69E+01	-9.30E+01	1.67E+02	-3.05E-02	-1.91E+00
8.70E+01	-9.30E+01	1.67E+02	1.22E-03	-1.91E+00
8.70E+01	-9.30E+01	1.67E+02	-2.44E-02	-1.90E+00
8.70E+01	-9.30E+01	1.67E+02	-2.69E-02	-1.91E+00
8.70E+01	-9.30E+01	1.67E+02	-5.00E-02	-1.90E+00
8.70E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.90E+00
8.71E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.89E+00
8.71E+01	-9.30E+01	1.67E+02	-3.91E-02	-1.90E+00

8.71E+01	-9.30E+01	1.67E+02	-2.44E-02	-1.91E+00
8.71E+01	-9.30E+01	1.67E+02	-2.69E-02	-1.89E+00
8.71E+01	-9.30E+01	1.67E+02	-3.17E-02	-1.89E+00
8.72E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.89E+00
8.72E+01	-9.30E+01	1.67E+02	-3.66E-02	-1.89E+00
8.72E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.89E+00
8.72E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.89E+00
8.72E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.89E+00
8.73E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.88E+00
8.73E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.89E+00
8.73E+01	-9.30E+01	1.67E+02	4.88E-03	-1.88E+00
8.73E+01	-9.30E+01	1.67E+02	-1.71E-02	-1.87E+00
8.73E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.86E+00
8.74E+01	-9.30E+01	1.67E+02	-2.81E-02	-1.89E+00
8.74E+01	-9.30E+01	1.67E+02	-3.30E-02	-1.88E+00
8.74E+01	-9.30E+01	1.67E+02	-2.44E-03	-1.87E+00
8.74E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.86E+00
8.74E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.86E+00
8.75E+01	-9.30E+01	1.67E+02	-6.10E-02	-1.87E+00
8.75E+01	-9.30E+01	1.67E+02	-4.88E-03	-1.87E+00
8.75E+01	-9.30E+01	1.67E+02	1.22E-03	-1.86E+00
8.75E+01	-9.30E+01	1.67E+02	-2.08E-02	-1.86E+00
8.75E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.86E+00
8.76E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.86E+00
8.76E+01	-9.30E+01	1.67E+02	-1.46E-02	-1.83E+00
8.76E+01	-9.30E+01	1.67E+02	-2.93E-02	-1.85E+00
8.76E+01	-9.30E+01	1.67E+02	-4.39E-02	-1.86E+00
8.76E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.86E+00
8.77E+01	-9.30E+01	1.67E+02	3.66E-03	-1.85E+00
8.77E+01	-9.30E+01	1.67E+02	4.88E-03	-1.84E+00
8.77E+01	-9.30E+01	1.67E+02	-3.17E-02	-1.84E+00
8.77E+01	-9.30E+01	1.66E+02	-4.39E-02	-1.85E+00
8.77E+01	-9.30E+01	1.66E+02	-7.32E-03	-1.85E+00
8.78E+01	-9.30E+01	1.67E+02	-9.77E-03	-1.84E+00
8.78E+01	-9.30E+01	1.67E+02	-2.44E-02	-1.82E+00
8.78E+01	-9.30E+01	1.67E+02	-2.20E-02	-1.84E+00
8.78E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.84E+00
8.78E+01	-9.30E+01	1.66E+02	-8.54E-03	-1.84E+00
8.79E+01	-9.30E+01	1.66E+02	-2.44E-03	-1.83E+00
8.79E+01	-9.30E+01	1.67E+02	-3.66E-02	-1.84E+00
8.79E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.83E+00
8.79E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.83E+00
8.79E+01	-9.30E+01	1.67E+02	-2.44E-03	-1.82E+00
8.80E+01	-9.30E+01	1.67E+02	-2.44E-02	-1.82E+00
8.80E+01	-9.30E+01	1.67E+02	-7.32E-03	-1.83E+00
8.80E+01	-9.30E+01	1.66E+02	-8.54E-03	-1.83E+00
8.80E+01	-9.30E+01	1.66E+02	8.54E-03	-1.82E+00

8.80E+01	-9.30E+01	1.67E+02	-2.44E-03	-1.81E+00
8.81E+01	-9.30E+01	1.67E+02	-1.95E-02	-1.82E+00
8.81E+01	-9.30E+01	1.66E+02	-3.78E-02	-1.82E+00
8.81E+01	-9.30E+01	1.66E+02	-7.32E-03	-1.81E+00
8.81E+01	-9.30E+01	1.66E+02	0.00E+00	-1.81E+00
8.81E+01	-9.30E+01	1.67E+02	-2.69E-02	-1.79E+00
8.82E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.81E+00
8.82E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.81E+00
8.82E+01	-9.30E+01	1.66E+02	7.32E-03	-1.79E+00
8.82E+01	-9.30E+01	1.66E+02	1.22E-02	-1.81E+00
8.82E+01	-9.30E+01	1.67E+02	-1.83E-02	-1.80E+00
8.83E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.81E+00
8.83E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.80E+00
8.83E+01	-9.30E+01	1.66E+02	4.88E-03	-1.78E+00
8.83E+01	-9.30E+01	1.66E+02	-5.62E-02	-1.78E+00
8.83E+01	-9.30E+01	1.66E+02	-4.27E-02	-1.79E+00
8.84E+01	-9.30E+01	1.66E+02	-1.83E-02	-1.80E+00
8.84E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.79E+00
8.84E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.78E+00
8.84E+01	-9.30E+01	1.66E+02	1.34E-02	-1.78E+00
8.84E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.80E+00
8.85E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.78E+00
8.85E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.77E+00
8.85E+01	-9.30E+01	1.66E+02	-2.81E-02	-1.78E+00
8.85E+01	-9.30E+01	1.66E+02	-1.83E-02	-1.78E+00
8.85E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.78E+00
8.86E+01	-9.30E+01	1.66E+02	4.88E-03	-1.77E+00
8.86E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.76E+00
8.86E+01	-9.30E+01	1.66E+02	-2.93E-02	-1.78E+00
8.86E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.78E+00
8.86E+01	-9.30E+01	1.66E+02	2.44E-03	-1.76E+00
8.87E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.76E+00
8.87E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.76E+00
8.87E+01	-9.30E+01	1.66E+02	-1.83E-02	-1.77E+00
8.87E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.75E+00
8.87E+01	-9.30E+01	1.66E+02	0.00E+00	-1.76E+00
8.88E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.76E+00
8.88E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.76E+00
8.88E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.76E+00
8.88E+01	-9.30E+01	1.66E+02	6.10E-03	-1.74E+00
8.88E+01	-9.30E+01	1.66E+02	-3.42E-02	-1.75E+00
8.89E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.75E+00
8.89E+01	-9.30E+01	1.66E+02	1.22E-02	-1.75E+00
8.89E+01	-9.30E+01	1.66E+02	-1.22E-02	-1.74E+00
8.89E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.75E+00
8.89E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.76E+00
8.90E+01	-9.30E+01	1.66E+02	-8.54E-03	-1.74E+00

8.90E+01	-9.30E+01	1.66E+02	4.88E-03	-1.74E+00
8.90E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.73E+00
8.90E+01	-9.30E+01	1.66E+02	-3.42E-02	-1.74E+00
8.90E+01	-9.30E+01	1.66E+02	-4.39E-02	-1.73E+00
8.91E+01	-9.30E+01	1.66E+02	-2.44E-03	-1.73E+00
8.91E+01	-9.30E+01	1.66E+02	-1.83E-02	-1.72E+00
8.91E+01	-9.30E+01	1.66E+02	-4.15E-02	-1.73E+00
8.91E+01	-9.30E+01	1.66E+02	-1.83E-02	-1.73E+00
8.91E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.74E+00
8.92E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.71E+00
8.92E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.73E+00
8.92E+01	-9.30E+01	1.66E+02	-2.44E-02	-1.73E+00
8.92E+01	-9.30E+01	1.66E+02	-2.44E-03	-1.72E+00
8.92E+01	-9.30E+01	1.66E+02	-1.22E-02	-1.71E+00
8.93E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.70E+00
8.93E+01	-9.30E+01	1.66E+02	-2.32E-02	-1.72E+00
8.93E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.73E+00
8.93E+01	-9.30E+01	1.66E+02	4.88E-03	-1.71E+00
8.93E+01	-9.30E+01	1.66E+02	-1.34E-02	-1.70E+00
8.94E+01	-9.30E+01	1.66E+02	-3.17E-02	-1.70E+00
8.94E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.72E+00
8.94E+01	-9.30E+01	1.66E+02	-3.66E-03	-1.68E+00
8.94E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.70E+00
8.94E+01	-9.30E+01	1.66E+02	-3.54E-02	-1.70E+00
8.95E+01	-9.30E+01	1.66E+02	-1.22E-02	-1.72E+00
8.95E+01	-9.30E+01	1.66E+02	-2.69E-02	-1.70E+00
8.95E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.69E+00
8.95E+01	-9.30E+01	1.66E+02	-2.93E-02	-1.70E+00
8.95E+01	-9.30E+01	1.66E+02	-2.93E-02	-1.70E+00
8.96E+01	-9.30E+01	1.65E+02	9.77E-03	-1.69E+00
8.96E+01	-9.30E+01	1.66E+02	-1.34E-02	-1.68E+00
8.96E+01	-9.30E+01	1.66E+02	-1.71E-02	-1.68E+00
8.96E+01	-9.30E+01	1.66E+02	-1.59E-02	-1.69E+00
8.96E+01	-9.30E+01	1.66E+02	-9.77E-03	-1.68E+00
8.97E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.68E+00
8.97E+01	-9.30E+01	1.65E+02	-3.17E-02	-1.68E+00
8.97E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.67E+00
8.97E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.68E+00
8.97E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.67E+00
8.98E+01	-9.30E+01	1.66E+02	-1.22E-02	-1.67E+00
8.98E+01	-9.30E+01	1.65E+02	-3.66E-02	-1.68E+00
8.98E+01	-9.30E+01	1.66E+02	-1.22E-03	-1.68E+00
8.98E+01	-9.30E+01	1.65E+02	-2.44E-03	-1.68E+00
8.98E+01	-9.30E+01	1.66E+02	-4.88E-03	-1.66E+00
8.99E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.66E+00
8.99E+01	-9.30E+01	1.66E+02	-2.93E-02	-1.66E+00
8.99E+01	-9.30E+01	1.65E+02	-4.39E-02	-1.68E+00

8.99E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.66E+00
8.99E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.66E+00
9.00E+01	-9.30E+01	1.66E+02	0.00E+00	-1.65E+00
9.00E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.65E+00
9.00E+01	-9.30E+01	1.66E+02	-5.86E-02	-1.65E+00
9.00E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.67E+00
9.00E+01	-9.30E+01	1.65E+02	-1.59E-02	-1.66E+00
9.01E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.64E+00
9.01E+01	-9.30E+01	1.66E+02	-1.95E-02	-1.64E+00
9.01E+01	-9.30E+01	1.66E+02	-5.13E-02	-1.63E+00
9.01E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.66E+00
9.01E+01	-9.30E+01	1.65E+02	1.22E-02	-1.65E+00
9.02E+01	-9.30E+01	1.66E+02	-6.10E-03	-1.63E+00
9.02E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.64E+00
9.02E+01	-9.30E+01	1.65E+02	-3.78E-02	-1.65E+00
9.02E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.64E+00
9.02E+01	-9.30E+01	1.66E+02	2.44E-03	-1.63E+00
9.03E+01	-9.30E+01	1.66E+02	-2.93E-02	-1.64E+00
9.03E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.64E+00
9.03E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.63E+00
9.03E+01	-9.30E+01	1.66E+02	-6.10E-03	-1.62E+00
9.03E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.62E+00
9.04E+01	-9.30E+01	1.66E+02	-3.05E-02	-1.63E+00
9.04E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.63E+00
9.04E+01	-9.30E+01	1.65E+02	-3.66E-03	-1.62E+00
9.04E+01	-9.30E+01	1.66E+02	-7.32E-03	-1.63E+00
9.04E+01	-9.30E+01	1.66E+02	-1.46E-02	-1.61E+00
9.05E+01	-9.30E+01	1.65E+02	-1.59E-02	-1.63E+00
9.05E+01	-9.30E+01	1.65E+02	4.88E-03	-1.62E+00
9.05E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.60E+00
9.05E+01	-9.30E+01	1.66E+02	-2.20E-02	-1.61E+00
9.05E+01	-9.30E+01	1.65E+02	-4.03E-02	-1.61E+00
9.06E+01	-9.30E+01	1.65E+02	-2.08E-02	-1.61E+00
9.06E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.60E+00
9.06E+01	-9.30E+01	1.66E+02	-1.22E-02	-1.60E+00
9.06E+01	-9.30E+01	1.65E+02	-3.17E-02	-1.60E+00
9.06E+01	-9.30E+01	1.65E+02	-3.91E-02	-1.61E+00
9.07E+01	-9.30E+01	1.65E+02	1.34E-02	-1.59E+00
9.07E+01	-9.30E+01	1.66E+02	-1.22E-02	-1.59E+00
9.07E+01	-9.30E+01	1.66E+02	-3.54E-02	-1.59E+00
9.07E+01	-9.30E+01	1.65E+02	-3.17E-02	-1.61E+00
9.07E+01	-9.30E+01	1.65E+02	1.46E-02	-1.59E+00
9.08E+01	-9.30E+01	1.65E+02	6.10E-03	-1.58E+00
9.08E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.59E+00
9.08E+01	-9.30E+01	1.65E+02	-3.17E-02	-1.59E+00
9.08E+01	-9.30E+01	1.65E+02	-2.44E-03	-1.58E+00
9.08E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.58E+00

9.09E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.58E+00
9.09E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.59E+00
9.09E+01	-9.30E+01	1.65E+02	3.66E-03	-1.58E+00
9.09E+01	-9.30E+01	1.65E+02	-1.10E-02	-1.57E+00
9.09E+01	-9.30E+01	1.65E+02	-3.66E-02	-1.58E+00
9.10E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.58E+00
9.10E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.56E+00
9.10E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.56E+00
9.10E+01	-9.30E+01	1.65E+02	-3.30E-02	-1.58E+00
9.10E+01	-9.30E+01	1.65E+02	-5.37E-02	-1.57E+00
9.11E+01	-9.30E+01	1.65E+02	-1.22E-03	-1.56E+00
9.11E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.55E+00
9.11E+01	-9.30E+01	1.65E+02	-3.42E-02	-1.57E+00
9.11E+01	-9.30E+01	1.65E+02	-2.81E-02	-1.57E+00
9.11E+01	-9.30E+01	1.65E+02	1.46E-02	-1.56E+00
9.12E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.55E+00
9.12E+01	-9.30E+01	1.65E+02	-3.05E-02	-1.56E+00
9.12E+01	-9.30E+01	1.65E+02	-2.44E-02	-1.57E+00
9.12E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.56E+00
9.12E+01	-9.30E+01	1.65E+02	1.22E-02	-1.55E+00
9.13E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.55E+00
9.13E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.55E+00
9.13E+01	-9.30E+01	1.65E+02	-2.20E-02	-1.55E+00
9.13E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.54E+00
9.13E+01	-9.30E+01	1.64E+02	3.42E-02	-1.53E+00
9.14E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.54E+00
9.14E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.54E+00
9.14E+01	-9.30E+01	1.65E+02	-2.44E-03	-1.54E+00
9.14E+01	-9.30E+01	1.64E+02	-3.66E-03	-1.53E+00
9.14E+01	-9.30E+01	1.65E+02	2.69E-02	-1.53E+00
9.15E+01	-9.30E+01	1.65E+02	-3.91E-02	-1.54E+00
9.15E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.53E+00
9.15E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.52E+00
9.15E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.52E+00
9.15E+01	-9.30E+01	1.64E+02	-2.08E-02	-1.53E+00
9.16E+01	-9.30E+01	1.65E+02	0.00E+00	-1.52E+00
9.16E+01	-9.30E+01	1.65E+02	-1.22E-02	-1.51E+00
9.16E+01	-9.30E+01	1.64E+02	-4.39E-02	-1.52E+00
9.16E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.53E+00
9.16E+01	-9.30E+01	1.65E+02	-1.34E-02	-1.51E+00
9.17E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.53E+00
9.17E+01	-9.30E+01	1.64E+02	-1.59E-02	-1.52E+00
9.17E+01	-9.30E+01	1.64E+02	-1.34E-02	-1.51E+00
9.17E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.50E+00
9.17E+01	-9.30E+01	1.65E+02	-3.54E-02	-1.51E+00
9.18E+01	-9.30E+01	1.64E+02	-4.88E-02	-1.50E+00
9.18E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.50E+00

9.18E+01	-9.30E+01	1.64E+02	0.00E+00	-1.50E+00
9.18E+01	-9.30E+01	1.65E+02	-3.91E-02	-1.50E+00
9.18E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.50E+00
9.19E+01	-9.30E+01	1.64E+02	1.22E-03	-1.50E+00
9.19E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.49E+00
9.19E+01	-9.30E+01	1.64E+02	-1.83E-02	-1.50E+00
9.19E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.50E+00
9.19E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.49E+00
9.20E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.49E+00
9.20E+01	-9.30E+01	1.65E+02	-2.69E-02	-1.49E+00
9.20E+01	-9.30E+01	1.64E+02	-1.34E-02	-1.49E+00
9.20E+01	-9.30E+01	1.64E+02	0.00E+00	-1.49E+00
9.20E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.48E+00
9.21E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.48E+00
9.21E+01	-9.30E+01	1.64E+02	-1.10E-02	-1.50E+00
9.21E+01	-9.30E+01	1.64E+02	-4.52E-02	-1.47E+00
9.21E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.47E+00
9.21E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.48E+00
9.22E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.48E+00
9.22E+01	-9.30E+01	1.64E+02	0.00E+00	-1.47E+00
9.22E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.46E+00
9.22E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.47E+00
9.22E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.48E+00
9.23E+01	-9.30E+01	1.64E+02	0.00E+00	-1.46E+00
9.23E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.46E+00
9.23E+01	-9.30E+01	1.64E+02	0.00E+00	-1.46E+00
9.23E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.47E+00
9.23E+01	-9.30E+01	1.64E+02	1.22E-03	-1.45E+00
9.24E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.45E+00
9.24E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.45E+00
9.24E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.46E+00
9.24E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.45E+00
9.24E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.45E+00
9.25E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.45E+00
9.25E+01	-9.30E+01	1.64E+02	0.00E+00	-1.44E+00
9.25E+01	-9.30E+01	1.64E+02	-1.59E-02	-1.44E+00
9.25E+01	-9.30E+01	1.64E+02	-4.64E-02	-1.43E+00
9.25E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.45E+00
9.26E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.44E+00
9.26E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.43E+00
9.26E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.44E+00
9.26E+01	-9.30E+01	1.64E+02	-2.81E-02	-1.47E+00
9.26E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.44E+00
9.27E+01	-9.30E+01	1.64E+02	4.88E-03	-1.42E+00
9.27E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.42E+00
9.27E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.44E+00
9.27E+01	-9.30E+01	1.64E+02	-4.15E-02	-1.43E+00

9.27E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.43E+00
9.28E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.41E+00
9.28E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.43E+00
9.28E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.43E+00
9.28E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.41E+00
9.28E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.41E+00
9.29E+01	-9.30E+01	1.64E+02	-4.39E-02	-1.42E+00
9.29E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.42E+00
9.29E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.41E+00
9.29E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.40E+00
9.29E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.40E+00
9.30E+01	-9.30E+01	1.64E+02	-3.91E-02	-1.41E+00
9.30E+01	-9.30E+01	1.64E+02	1.10E-02	-1.41E+00
9.30E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.39E+00
9.30E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.40E+00
9.30E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.42E+00
9.31E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.41E+00
9.31E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.40E+00
9.31E+01	-9.30E+01	1.64E+02	0.00E+00	-1.39E+00
9.31E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.38E+00
9.31E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.39E+00
9.32E+01	-9.30E+01	1.64E+02	-5.49E-02	-1.39E+00
9.32E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.39E+00
9.32E+01	-9.30E+01	1.64E+02	4.88E-03	-1.38E+00
9.32E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.38E+00
9.32E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.38E+00
9.33E+01	-9.30E+01	1.64E+02	-3.05E-02	-1.39E+00
9.33E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.39E+00
9.33E+01	-9.30E+01	1.64E+02	3.66E-03	-1.37E+00
9.33E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.37E+00
9.33E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.38E+00
9.34E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.38E+00
9.34E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.36E+00
9.34E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.36E+00
9.34E+01	-9.30E+01	1.64E+02	-5.13E-02	-1.37E+00
9.34E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.37E+00
9.35E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.37E+00
9.35E+01	-9.30E+01	1.64E+02	-1.34E-02	-1.38E+00
9.35E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.35E+00
9.35E+01	-9.30E+01	1.64E+02	-3.91E-02	-1.36E+00
9.35E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.36E+00
9.36E+01	-9.30E+01	1.64E+02	0.00E+00	-1.36E+00
9.36E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.36E+00
9.36E+01	-9.30E+01	1.63E+02	-9.77E-03	-1.35E+00
9.36E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.36E+00
9.36E+01	-9.30E+01	1.64E+02	4.88E-03	-1.35E+00
9.37E+01	-9.30E+01	1.64E+02	-3.05E-02	-1.34E+00

9.37E+01	-9.30E+01	1.63E+02	-3.66E-02	-1.35E+00
9.37E+01	-9.30E+01	1.64E+02	3.66E-03	-1.34E+00
9.37E+01	-9.30E+01	1.64E+02	2.44E-03	-1.33E+00
9.37E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.33E+00
9.38E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.34E+00
9.38E+01	-9.30E+01	1.63E+02	7.32E-03	-1.34E+00
9.38E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.32E+00
9.38E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.33E+00
9.38E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.34E+00
9.39E+01	-9.30E+01	1.64E+02	-8.54E-03	-1.33E+00
9.39E+01	-9.30E+01	1.64E+02	1.22E-03	-1.32E+00
9.39E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.34E+00
9.39E+01	-9.30E+01	1.64E+02	4.88E-03	-1.34E+00
9.39E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.32E+00
9.40E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.32E+00
9.40E+01	-9.30E+01	1.64E+02	-3.30E-02	-1.32E+00
9.40E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.32E+00
9.40E+01	-9.30E+01	1.64E+02	4.39E-02	-1.31E+00
9.40E+01	-9.30E+01	1.64E+02	-1.83E-02	-1.30E+00
9.41E+01	-9.30E+01	1.64E+02	-3.54E-02	-1.32E+00
9.41E+01	-9.30E+01	1.64E+02	-1.34E-02	-1.32E+00
9.41E+01	-9.30E+01	1.64E+02	3.66E-03	-1.31E+00
9.41E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.30E+00
9.41E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.30E+00
9.42E+01	-9.30E+01	1.64E+02	-1.34E-02	-1.31E+00
9.42E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.30E+00
9.42E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.30E+00
9.42E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.31E+00
9.42E+01	-9.30E+01	1.64E+02	6.10E-03	-1.29E+00
9.43E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.29E+00
9.43E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.29E+00
9.43E+01	-9.30E+01	1.64E+02	-3.30E-02	-1.30E+00
9.43E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.30E+00
9.43E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.27E+00
9.44E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.28E+00
9.44E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.28E+00
9.44E+01	-9.30E+01	1.64E+02	-2.81E-02	-1.30E+00
9.44E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.29E+00
9.44E+01	-9.30E+01	1.64E+02	3.66E-02	-1.28E+00
9.45E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.27E+00
9.45E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.28E+00
9.45E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.29E+00
9.45E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.27E+00
9.45E+01	-9.30E+01	1.64E+02	-1.10E-02	-1.27E+00
9.46E+01	-9.30E+01	1.64E+02	-4.15E-02	-1.28E+00
9.46E+01	-9.30E+01	1.64E+02	4.88E-03	-1.28E+00
9.46E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.27E+00

9.46E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.26E+00
9.46E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.27E+00
9.47E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.26E+00
9.47E+01	-9.30E+01	1.64E+02	-5.86E-02	-1.26E+00
9.47E+01	-9.30E+01	1.64E+02	-1.22E-03	-1.26E+00
9.47E+01	-9.30E+01	1.64E+02	-2.81E-02	-1.26E+00
9.47E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.27E+00
9.48E+01	-9.30E+01	1.64E+02	-1.10E-02	-1.26E+00
9.48E+01	-9.30E+01	1.64E+02	1.46E-02	-1.25E+00
9.48E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.24E+00
9.48E+01	-9.30E+01	1.64E+02	-3.05E-02	-1.26E+00
9.48E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.26E+00
9.49E+01	-9.30E+01	1.63E+02	-8.54E-03	-1.24E+00
9.49E+01	-9.30E+01	1.64E+02	-2.81E-02	-1.24E+00
9.49E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.26E+00
9.49E+01	-9.30E+01	1.64E+02	3.66E-03	-1.24E+00
9.49E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.23E+00
9.50E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.24E+00
9.50E+01	-9.30E+01	1.64E+02	-2.56E-02	-1.24E+00
9.50E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.22E+00
9.50E+01	-9.30E+01	1.64E+02	-1.83E-02	-1.23E+00
9.50E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.23E+00
9.51E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.24E+00
9.51E+01	-9.30E+01	1.64E+02	-1.10E-02	-1.23E+00
9.51E+01	-9.30E+01	1.64E+02	-2.08E-02	-1.22E+00
9.51E+01	-9.30E+01	1.64E+02	-1.10E-02	-1.22E+00
9.51E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.23E+00
9.52E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.23E+00
9.52E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.21E+00
9.52E+01	-9.30E+01	1.64E+02	7.32E-03	-1.22E+00
9.52E+01	-9.30E+01	1.65E+02	-1.59E-02	-1.22E+00
9.52E+01	-9.30E+01	1.64E+02	3.66E-03	-1.21E+00
9.53E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.21E+00
9.53E+01	-9.30E+01	1.64E+02	-1.83E-02	-1.21E+00
9.53E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.22E+00
9.53E+01	-9.30E+01	1.64E+02	-1.34E-02	-1.20E+00
9.53E+01	-9.30E+01	1.64E+02	2.44E-03	-1.19E+00
9.54E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.20E+00
9.54E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.21E+00
9.54E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.21E+00
9.54E+01	-9.30E+01	1.65E+02	-7.32E-03	-1.20E+00
9.54E+01	-9.30E+01	1.64E+02	0.00E+00	-1.20E+00
9.55E+01	-9.30E+01	1.64E+02	-5.13E-02	-1.19E+00
9.55E+01	-9.30E+01	1.64E+02	-6.10E-03	-1.20E+00
9.55E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.19E+00
9.55E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.18E+00
9.55E+01	-9.30E+01	1.64E+02	-4.76E-02	-1.19E+00

9.56E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.19E+00
9.56E+01	-9.30E+01	1.65E+02	4.88E-03	-1.18E+00
9.56E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.18E+00
9.56E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.17E+00
9.56E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.19E+00
9.57E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.18E+00
9.57E+01	-9.30E+01	1.65E+02	-4.88E-03	-1.17E+00
9.57E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.17E+00
9.57E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.17E+00
9.57E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.18E+00
9.58E+01	-9.30E+01	1.64E+02	1.34E-02	-1.18E+00
9.58E+01	-9.30E+01	1.64E+02	-3.66E-03	-1.17E+00
9.58E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.16E+00
9.58E+01	-9.30E+01	1.65E+02	-4.15E-02	-1.16E+00
9.58E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.17E+00
9.59E+01	-9.30E+01	1.64E+02	2.56E-02	-1.16E+00
9.59E+01	-9.30E+01	1.65E+02	0.00E+00	-1.15E+00
9.59E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.16E+00
9.59E+01	-9.30E+01	1.64E+02	-3.91E-02	-1.16E+00
9.59E+01	-9.30E+01	1.64E+02	-1.10E-02	-1.16E+00
9.60E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.15E+00
9.60E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.15E+00
9.60E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.16E+00
9.60E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.16E+00
9.60E+01	-9.30E+01	1.64E+02	1.10E-02	-1.14E+00
9.61E+01	-9.30E+01	1.65E+02	-1.95E-02	-1.14E+00
9.61E+01	-9.30E+01	1.65E+02	-2.32E-02	-1.14E+00
9.61E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.16E+00
9.61E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.15E+00
9.61E+01	-9.30E+01	1.64E+02	1.22E-03	-1.13E+00
9.62E+01	-9.30E+01	1.65E+02	-1.83E-02	-1.13E+00
9.62E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.13E+00
9.62E+01	-9.30E+01	1.64E+02	-1.83E-02	-1.14E+00
9.62E+01	-9.30E+01	1.65E+02	-9.77E-03	-1.11E+00
9.62E+01	-9.30E+01	1.65E+02	-1.46E-02	-1.13E+00
9.63E+01	-9.30E+01	1.64E+02	-3.66E-02	-1.13E+00
9.63E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.14E+00
9.63E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.13E+00
9.63E+01	-9.30E+01	1.65E+02	-3.66E-02	-1.10E+00
9.63E+01	-9.30E+01	1.65E+02	-1.71E-02	-1.11E+00
9.64E+01	-9.30E+01	1.64E+02	-3.78E-02	-1.12E+00
9.64E+01	-9.30E+01	1.64E+02	8.54E-03	-1.12E+00
9.64E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.11E+00
9.64E+01	-9.30E+01	1.65E+02	-1.59E-02	-1.10E+00
9.64E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.11E+00
9.65E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.11E+00
9.65E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.11E+00

9.65E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.10E+00
9.65E+01	-9.30E+01	1.64E+02	-2.32E-02	-1.10E+00
9.65E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.10E+00
9.66E+01	-9.30E+01	1.64E+02	-3.42E-02	-1.11E+00
9.66E+01	-9.30E+01	1.64E+02	1.22E-02	-1.11E+00
9.66E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.10E+00
9.66E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.09E+00
9.66E+01	-9.30E+01	1.64E+02	-2.44E-02	-1.12E+00
9.67E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.10E+00
9.67E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.09E+00
9.67E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.09E+00
9.67E+01	-9.30E+01	1.65E+02	-3.91E-02	-1.09E+00
9.67E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.10E+00
9.68E+01	-9.30E+01	1.64E+02	-1.10E-02	-1.09E+00
9.68E+01	-9.30E+01	1.64E+02	6.10E-03	-1.06E+00
9.68E+01	-9.30E+01	1.64E+02	-1.83E-02	-1.08E+00
9.68E+01	-9.30E+01	1.64E+02	-4.39E-02	-1.08E+00
9.68E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.09E+00
9.69E+01	-9.30E+01	1.64E+02	-8.54E-03	-1.08E+00
9.69E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.08E+00
9.69E+01	-9.30E+01	1.64E+02	-1.22E-02	-1.08E+00
9.69E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.08E+00
9.69E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.08E+00
9.70E+01	-9.30E+01	1.64E+02	0.00E+00	-1.07E+00
9.70E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.05E+00
9.70E+01	-9.30E+01	1.64E+02	-7.32E-03	-1.07E+00
9.70E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.07E+00
9.70E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.06E+00
9.71E+01	-9.30E+01	1.64E+02	-3.66E-03	-1.06E+00
9.71E+01	-9.30E+01	1.64E+02	-1.46E-02	-1.05E+00
9.71E+01	-9.30E+01	1.64E+02	-1.95E-02	-1.05E+00
9.71E+01	-9.30E+01	1.64E+02	-3.91E-02	-1.06E+00
9.71E+01	-9.30E+01	1.64E+02	4.88E-03	-1.06E+00
9.72E+01	-9.30E+01	1.64E+02	4.88E-03	-1.05E+00
9.72E+01	-9.30E+01	1.64E+02	-1.71E-02	-1.05E+00
9.72E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.06E+00
9.72E+01	-9.30E+01	1.64E+02	-2.44E-03	-1.05E+00
9.72E+01	-9.30E+01	1.64E+02	0.00E+00	-1.04E+00
9.73E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.04E+00
9.73E+01	-9.30E+01	1.64E+02	-3.54E-02	-1.04E+00
9.73E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.05E+00
9.73E+01	-9.30E+01	1.64E+02	-4.03E-02	-1.04E+00
9.73E+01	-9.30E+01	1.64E+02	-1.83E-02	-1.03E+00
9.74E+01	-9.30E+01	1.64E+02	-2.93E-02	-1.03E+00
9.74E+01	-9.30E+01	1.64E+02	-3.78E-02	-1.04E+00
9.74E+01	-9.30E+01	1.64E+02	0.00E+00	-1.04E+00
9.74E+01	-9.30E+01	1.64E+02	-8.54E-03	-1.02E+00

9.74E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.03E+00
9.75E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.03E+00
9.75E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.03E+00
9.75E+01	-9.30E+01	1.64E+02	2.44E-03	-1.03E+00
9.75E+01	-9.30E+01	1.64E+02	-4.88E-03	-1.02E+00
9.75E+01	-9.30E+01	1.64E+02	-3.30E-02	-9.93E-01
9.76E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.03E+00
9.76E+01	-9.30E+01	1.64E+02	-1.34E-02	-1.02E+00
9.76E+01	-9.30E+01	1.64E+02	3.66E-03	-1.02E+00
9.76E+01	-9.30E+01	1.64E+02	-9.77E-03	-1.01E+00
9.76E+01	-9.30E+01	1.64E+02	1.10E-02	-1.01E+00
9.77E+01	-9.30E+01	1.64E+02	-2.32E-02	-1.02E+00
9.77E+01	-9.30E+01	1.63E+02	-6.10E-03	-1.01E+00
9.77E+01	-9.30E+01	1.64E+02	0.00E+00	-1.00E+00
9.77E+01	-9.30E+01	1.64E+02	-2.69E-02	-1.00E+00
9.77E+01	-9.30E+01	1.64E+02	-3.17E-02	-1.01E+00
9.78E+01	-9.30E+01	1.64E+02	-2.20E-02	-1.01E+00
9.78E+01	-9.30E+01	1.63E+02	-2.44E-02	-1.01E+00
9.78E+01	-9.30E+01	1.63E+02	-7.32E-03	-9.87E-01
9.78E+01	-9.30E+01	1.63E+02	-2.44E-02	-9.93E-01
9.78E+01	-9.30E+01	1.64E+02	-3.54E-02	-9.96E-01
9.79E+01	-9.30E+01	1.64E+02	-1.71E-02	-9.93E-01
9.79E+01	-9.30E+01	1.63E+02	-3.17E-02	-9.88E-01
9.79E+01	-9.30E+01	1.63E+02	6.10E-03	-9.84E-01
9.79E+01	-9.30E+01	1.63E+02	7.32E-03	-9.85E-01
9.79E+01	-9.30E+01	1.64E+02	-2.93E-02	-9.83E-01
9.80E+01	-9.30E+01	1.63E+02	-2.93E-02	-9.89E-01
9.80E+01	-9.30E+01	1.64E+02	4.88E-03	-9.95E-01
9.80E+01	-9.30E+01	1.63E+02	-1.22E-02	-9.83E-01
9.80E+01	-9.30E+01	1.64E+02	-2.44E-03	-9.78E-01
9.80E+01	-9.30E+01	1.63E+02	-2.20E-02	-9.71E-01
9.81E+01	-9.30E+01	1.63E+02	-3.66E-02	-9.80E-01
9.81E+01	-9.30E+01	1.63E+02	-3.66E-02	-9.83E-01
9.81E+01	-9.30E+01	1.63E+02	-9.77E-03	-9.76E-01
9.81E+01	-9.30E+01	1.63E+02	-1.71E-02	-9.64E-01
9.81E+01	-9.30E+01	1.63E+02	-3.42E-02	-9.72E-01
9.82E+01	-9.30E+01	1.63E+02	-9.77E-03	-9.73E-01
9.82E+01	-9.30E+01	1.64E+02	-4.88E-03	-9.64E-01
9.82E+01	-9.30E+01	1.63E+02	-1.46E-02	-9.57E-01
9.82E+01	-9.30E+01	1.63E+02	-3.42E-02	-9.72E-01
9.82E+01	-9.30E+01	1.63E+02	-2.81E-02	-9.71E-01
9.83E+01	-9.30E+01	1.63E+02	-7.32E-03	-9.61E-01
9.83E+01	-9.30E+01	1.63E+02	-2.44E-03	-9.54E-01
9.83E+01	-9.30E+01	1.63E+02	-8.54E-03	-9.62E-01
9.83E+01	-9.30E+01	1.64E+02	-2.81E-02	-9.58E-01
9.83E+01	-9.30E+01	1.63E+02	-7.32E-03	-9.54E-01
9.84E+01	-9.30E+01	1.62E+02	-7.32E-03	-9.45E-01

9.84E+01	-9.30E+01	1.62E+02	-3.42E-02	-9.49E-01
9.84E+01	-9.30E+01	1.63E+02	-3.54E-02	-9.47E-01
9.84E+01	-9.30E+01	1.63E+02	-1.71E-02	-9.52E-01
9.84E+01	-9.30E+01	1.63E+02	-1.10E-02	-9.40E-01
9.85E+01	-9.30E+01	1.63E+02	-2.20E-02	-9.39E-01
9.85E+01	-9.30E+01	1.63E+02	-3.42E-02	-9.46E-01
9.85E+01	-9.30E+01	1.63E+02	-3.42E-02	-9.45E-01
9.85E+01	-9.30E+01	1.63E+02	-2.44E-03	-9.44E-01
9.85E+01	-9.30E+01	1.63E+02	-1.46E-02	-9.31E-01
9.86E+01	-9.30E+01	1.63E+02	-2.20E-02	-9.45E-01
9.86E+01	-9.30E+01	1.63E+02	-2.44E-02	-9.42E-01
9.86E+01	-9.30E+01	1.63E+02	6.10E-03	-9.28E-01
9.86E+01	-9.30E+01	1.63E+02	-1.46E-02	-9.42E-01
9.86E+01	-9.30E+01	1.63E+02	-2.44E-02	-9.15E-01
9.87E+01	-9.30E+01	1.63E+02	-3.05E-02	-9.31E-01
9.87E+01	-9.30E+01	1.63E+02	-1.10E-02	-9.22E-01
9.87E+01	-9.30E+01	1.63E+02	-4.88E-03	-9.18E-01
9.87E+01	-9.30E+01	1.63E+02	-1.71E-02	-9.19E-01
9.87E+01	-9.30E+01	1.63E+02	-3.66E-02	-9.22E-01
9.88E+01	-9.30E+01	1.63E+02	-9.77E-03	-9.42E-01
9.88E+01	-9.30E+01	1.63E+02	0.00E+00	-9.11E-01
9.88E+01	-9.30E+01	1.63E+02	-1.46E-02	-9.08E-01
9.88E+01	-9.30E+01	1.63E+02	-2.93E-02	-9.11E-01
9.88E+01	-9.30E+01	1.63E+02	-2.44E-02	-9.19E-01
9.89E+01	-9.30E+01	1.63E+02	-2.93E-02	-9.21E-01
9.89E+01	-9.30E+01	1.63E+02	-8.54E-03	-9.03E-01
9.89E+01	-9.30E+01	1.63E+02	-7.32E-03	-8.98E-01
9.89E+01	-9.30E+01	1.63E+02	-2.69E-02	-9.12E-01
9.89E+01	-9.30E+01	1.63E+02	-3.54E-02	-9.09E-01
9.90E+01	-9.30E+01	1.63E+02	-2.44E-02	-9.09E-01
9.90E+01	-9.30E+01	1.63E+02	0.00E+00	-9.06E-01
9.90E+01	-9.30E+01	1.63E+02	-2.20E-02	-8.86E-01
9.90E+01	-9.30E+01	1.63E+02	-2.20E-02	-9.00E-01
9.90E+01	-9.30E+01	1.63E+02	-2.69E-02	-9.03E-01
9.91E+01	-9.30E+01	1.63E+02	4.88E-03	-8.95E-01
9.91E+01	-9.30E+01	1.63E+02	-1.34E-02	-9.03E-01
9.91E+01	-9.30E+01	1.63E+02	-3.66E-02	-8.75E-01
9.91E+01	-9.30E+01	1.63E+02	-3.66E-02	-8.92E-01
9.91E+01	-9.30E+01	1.63E+02	-2.32E-02	-8.92E-01
9.92E+01	-9.30E+01	1.63E+02	-3.66E-03	-8.81E-01
9.92E+01	-9.30E+01	1.63E+02	-3.17E-02	-8.82E-01
9.92E+01	-9.30E+01	1.63E+02	-2.69E-02	-8.89E-01
9.92E+01	-9.30E+01	1.63E+02	-1.83E-02	-8.87E-01
9.92E+01	-9.30E+01	1.63E+02	0.00E+00	-8.65E-01
9.93E+01	-9.30E+01	1.63E+02	-2.69E-02	-8.76E-01
9.93E+01	-9.30E+01	1.63E+02	-3.54E-02	-8.81E-01
9.93E+01	-9.30E+01	1.63E+02	0.00E+00	-8.79E-01

9.93E+01	-9.30E+01	1.63E+02	-7.32E-03	-8.59E-01
9.93E+01	-9.30E+01	1.63E+02	-3.17E-02	-8.61E-01
9.94E+01	-9.30E+01	1.63E+02	-3.42E-02	-8.75E-01
9.94E+01	-9.30E+01	1.63E+02	-1.95E-02	-8.69E-01
9.94E+01	-9.30E+01	1.62E+02	-2.44E-03	-8.61E-01
9.94E+01	-9.30E+01	1.63E+02	-1.95E-02	-8.58E-01
9.94E+01	-9.30E+01	1.63E+02	-2.93E-02	-8.53E-01
9.95E+01	-9.30E+01	1.63E+02	-6.10E-02	-8.58E-01
9.95E+01	-9.30E+01	1.63E+02	-1.95E-02	-8.49E-01
9.95E+01	-9.30E+01	1.62E+02	-2.44E-02	-8.59E-01
9.95E+01	-9.30E+01	1.62E+02	-1.22E-02	-8.64E-01
9.95E+01	-9.30E+01	1.62E+02	-2.44E-03	-8.56E-01
9.96E+01	-9.30E+01	1.63E+02	-1.46E-02	-8.42E-01
9.96E+01	-9.30E+01	1.63E+02	-4.64E-02	-8.37E-01
9.96E+01	-9.30E+01	1.62E+02	-3.30E-02	-8.60E-01
9.96E+01	-9.30E+01	1.63E+02	-2.44E-03	-8.43E-01
9.96E+01	-9.30E+01	1.63E+02	-1.71E-02	-8.37E-01
9.97E+01	-9.30E+01	1.63E+02	-3.17E-02	-8.46E-01
9.97E+01	-9.30E+01	1.62E+02	2.20E-02	-8.48E-01
9.97E+01	-9.30E+01	1.62E+02	-7.32E-03	-8.28E-01
9.97E+01	-9.30E+01	1.63E+02	-1.22E-02	-8.39E-01
9.97E+01	-9.30E+01	1.63E+02	-3.91E-02	-8.33E-01
9.98E+01	-9.30E+01	1.62E+02	-1.34E-02	-8.43E-01
9.98E+01	-9.30E+01	1.62E+02	-3.66E-03	-8.36E-01
9.98E+01	-9.30E+01	1.63E+02	-1.10E-02	-8.26E-01
9.98E+01	-9.30E+01	1.62E+02	-7.32E-03	-8.46E-01
9.98E+01	-9.30E+01	1.62E+02	-2.69E-02	-8.31E-01
9.99E+01	-9.30E+01	1.63E+02	-2.44E-03	-8.24E-01
9.99E+01	-9.30E+01	1.63E+02	-2.44E-02	-8.19E-01
9.99E+01	-9.30E+01	1.63E+02	-2.93E-02	-8.27E-01
9.99E+01	-9.30E+01	1.62E+02	-2.20E-02	-8.33E-01
9.99E+01	-9.30E+01	1.62E+02	-1.10E-02	-8.34E-01
1.00E+02	-9.30E+01	1.63E+02	-9.77E-03	-8.21E-01
1.00E+02	-9.30E+01	1.63E+02	-3.17E-02	-8.12E-01
1.00E+02	-9.30E+01	1.63E+02	-2.20E-02	-8.22E-01
1.00E+02	-9.30E+01	1.62E+02	-1.34E-02	-8.17E-01
1.00E+02	-9.30E+01	1.63E+02	-9.77E-03	-8.02E-01
1.00E+02	-9.30E+01	1.62E+02	-9.77E-03	-8.14E-01
1.00E+02	-9.30E+01	1.63E+02	-3.54E-02	-8.08E-01
1.00E+02	-9.30E+01	1.62E+02	-1.71E-02	-8.12E-01
1.00E+02	-9.30E+01	1.62E+02	-2.44E-03	-8.11E-01
1.00E+02	-9.30E+01	1.63E+02	-7.32E-03	-7.99E-01
1.00E+02	-9.30E+01	1.63E+02	-1.71E-02	-8.10E-01
1.00E+02	-9.30E+01	1.62E+02	-6.35E-02	-7.99E-01
1.00E+02	-9.30E+01	1.62E+02	-2.93E-02	-7.98E-01
1.00E+02	-9.30E+01	1.62E+02	8.54E-03	-8.01E-01
1.00E+02	-9.30E+01	1.63E+02	-1.22E-02	-7.88E-01

1.00E+02	-9.30E+01	1.62E+02	-1.95E-02	-7.90E-01
1.00E+02	-9.30E+01	1.62E+02	-3.30E-02	-8.01E-01
1.00E+02	-9.30E+01	1.62E+02	-2.44E-02	-7.99E-01
1.00E+02	-9.30E+01	1.62E+02	-4.88E-03	-7.92E-01
1.00E+02	-9.30E+01	1.63E+02	-1.95E-02	-7.80E-01
1.00E+02	-9.30E+01	1.62E+02	-2.69E-02	-7.86E-01
1.00E+02	-9.30E+01	1.62E+02	-2.20E-02	-7.94E-01
1.00E+02	-9.30E+01	1.63E+02	-2.44E-03	-7.79E-01
1.00E+02	-9.30E+01	1.62E+02	0.00E+00	-7.73E-01
1.00E+02	-9.30E+01	1.63E+02	-2.69E-02	-7.79E-01
1.00E+02	-9.30E+01	1.62E+02	-2.69E-02	-7.85E-01
1.00E+02	-9.30E+01	1.63E+02	-1.22E-02	-7.81E-01
1.01E+02	-9.30E+01	1.62E+02	-2.93E-02	-7.58E-01
1.01E+02	-9.30E+01	1.62E+02	9.77E-03	-7.64E-01
1.01E+02	-9.30E+01	1.62E+02	-4.03E-02	-7.63E-01
1.01E+02	-9.30E+01	1.62E+02	-3.05E-02	-7.73E-01
1.01E+02	-9.30E+01	1.62E+02	-1.83E-02	-7.79E-01
1.01E+02	-9.30E+01	1.62E+02	-4.88E-03	-7.63E-01
1.01E+02	-9.30E+01	1.62E+02	-6.10E-03	-7.51E-01
1.01E+02	-9.30E+01	1.62E+02	-4.03E-02	-7.60E-01
1.01E+02	-9.30E+01	1.62E+02	-2.93E-02	-7.67E-01
1.01E+02	-9.30E+01	1.62E+02	-2.44E-03	-7.63E-01
1.01E+02	-9.30E+01	1.62E+02	-1.46E-02	-7.47E-01
1.01E+02	-9.30E+01	1.62E+02	-2.56E-02	-7.63E-01
1.01E+02	-9.30E+01	1.62E+02	9.77E-03	-7.58E-01
1.01E+02	-9.30E+01	1.62E+02	-7.32E-03	-7.46E-01
1.01E+02	-9.30E+01	1.63E+02	-3.42E-02	-7.49E-01
1.01E+02	-9.30E+01	1.62E+02	-3.30E-02	-7.53E-01
1.01E+02	-9.30E+01	1.62E+02	-1.83E-02	-7.55E-01
1.01E+02	-9.30E+01	1.62E+02	-2.44E-03	-7.35E-01
1.01E+02	-9.30E+01	1.62E+02	-9.77E-03	-7.29E-01
1.01E+02	-9.30E+01	1.62E+02	-2.93E-02	-7.52E-01
1.01E+02	-9.30E+01	1.62E+02	6.10E-03	-7.41E-01
1.01E+02	-9.30E+01	1.62E+02	-1.22E-02	-7.31E-01
1.01E+02	-9.30E+01	1.62E+02	-2.93E-02	-7.45E-01
1.01E+02	-9.30E+01	1.62E+02	-1.59E-02	-7.40E-01
1.01E+02	-9.30E+01	1.62E+02	2.44E-03	-7.27E-01
1.01E+02	-9.30E+01	1.62E+02	-1.46E-02	-7.18E-01
1.01E+02	-9.30E+01	1.62E+02	-4.15E-02	-7.24E-01
1.01E+02	-9.30E+01	1.62E+02	-4.88E-03	-7.38E-01
1.01E+02	-9.30E+01	1.62E+02	-7.32E-03	-7.19E-01
1.01E+02	-9.30E+01	1.62E+02	-1.46E-02	-7.18E-01
1.01E+02	-9.30E+01	1.62E+02	-3.91E-02	-7.24E-01
1.01E+02	-9.30E+01	1.62E+02	-1.71E-02	-7.42E-01
1.01E+02	-9.30E+01	1.62E+02	-4.88E-03	-7.30E-01
1.01E+02	-9.30E+01	1.62E+02	4.88E-03	-7.10E-01
1.01E+02	-9.30E+01	1.62E+02	-2.93E-02	-7.20E-01

1.01E+02	-9.30E+01	1.62E+02	-2.56E-02	-7.20E-01
1.01E+02	-9.30E+01	1.62E+02	2.44E-02	-7.35E-01
1.01E+02	-9.30E+01	1.62E+02	-3.17E-02	-7.08E-01
1.01E+02	-9.30E+01	1.61E+02	-3.66E-02	-7.15E-01
1.01E+02	-9.30E+01	1.62E+02	-1.34E-02	-7.12E-01
1.01E+02	-9.30E+01	1.62E+02	-7.32E-03	-6.99E-01
1.01E+02	-9.30E+01	1.62E+02	-2.81E-02	-6.98E-01
1.01E+02	-9.30E+01	1.61E+02	-2.69E-02	-7.02E-01
1.01E+02	-9.30E+01	1.61E+02	-2.44E-03	-7.00E-01
1.01E+02	-9.30E+01	1.62E+02	-1.22E-02	-6.93E-01
1.01E+02	-9.30E+01	1.62E+02	-2.81E-02	-7.08E-01
1.01E+02	-9.30E+01	1.61E+02	-2.20E-02	-7.04E-01
1.01E+02	-9.30E+01	1.61E+02	-6.10E-03	-7.13E-01
1.01E+02	-9.30E+01	1.62E+02	-2.44E-03	-6.95E-01
1.01E+02	-9.30E+01	1.62E+02	-3.05E-02	-6.98E-01
1.02E+02	-9.30E+01	1.61E+02	-2.08E-02	-7.00E-01
1.02E+02	-9.30E+01	1.61E+02	-7.32E-03	-6.80E-01
1.02E+02	-9.30E+01	1.61E+02	-2.69E-02	-6.84E-01
1.02E+02	-9.30E+01	1.61E+02	-2.93E-02	-6.91E-01
1.02E+02	-9.30E+01	1.61E+02	-1.22E-03	-6.82E-01
1.02E+02	-9.30E+01	1.61E+02	-2.44E-02	-6.80E-01
1.02E+02	-9.30E+01	1.62E+02	-2.20E-02	-6.82E-01
1.02E+02	-9.30E+01	1.61E+02	-2.81E-02	-6.90E-01
1.02E+02	-9.30E+01	1.61E+02	-6.10E-03	-6.77E-01
1.02E+02	-9.30E+01	1.61E+02	1.22E-03	-6.82E-01
1.02E+02	-9.30E+01	1.61E+02	-4.15E-02	-6.79E-01
1.02E+02	-9.30E+01	1.61E+02	-1.71E-02	-6.81E-01
1.02E+02	-9.30E+01	1.62E+02	-1.22E-02	-6.66E-01
1.02E+02	-9.30E+01	1.61E+02	-2.44E-02	-6.68E-01
1.02E+02	-9.30E+01	1.61E+02	-3.30E-02	-6.72E-01
1.02E+02	-9.30E+01	1.61E+02	-2.44E-03	-6.79E-01
1.02E+02	-9.30E+01	1.61E+02	-2.08E-02	-6.53E-01
1.02E+02	-9.30E+01	1.61E+02	-2.93E-02	-6.57E-01
1.02E+02	-9.30E+01	1.60E+02	-2.93E-02	-6.74E-01
1.02E+02	-9.30E+01	1.60E+02	-4.88E-03	-6.55E-01
1.02E+02	-9.30E+01	1.61E+02	-1.71E-02	-6.54E-01
1.02E+02	-9.30E+01	1.61E+02	-6.71E-02	-6.60E-01
1.02E+02	-9.30E+01	1.61E+02	2.44E-03	-6.56E-01
1.02E+02	-9.30E+01	1.61E+02	-2.08E-02	-6.45E-01
1.02E+02	-9.30E+01	1.61E+02	-2.44E-02	-6.52E-01
1.02E+02	-9.30E+01	1.61E+02	-2.20E-02	-6.57E-01
1.02E+02	-9.30E+01	1.61E+02	-1.22E-03	-6.48E-01
1.02E+02	-9.30E+01	1.61E+02	-4.88E-03	-6.50E-01
1.02E+02	-9.30E+01	1.61E+02	-1.46E-02	-6.47E-01
1.02E+02	-9.30E+01	1.61E+02	-1.46E-02	-6.53E-01
1.02E+02	-9.30E+01	1.61E+02	-7.32E-03	-6.36E-01
1.02E+02	-9.30E+01	1.61E+02	-9.77E-03	-6.33E-01

1.02E+02	-9.30E+01	1.61E+02	-3.66E-02	-6.38E-01
1.02E+02	-9.30E+01	1.61E+02	-1.71E-02	-6.44E-01
1.02E+02	-9.30E+01	1.61E+02	3.66E-03	-6.28E-01
1.02E+02	-9.30E+01	1.61E+02	-9.77E-03	-6.34E-01
1.02E+02	-9.30E+01	1.61E+02	-2.93E-02	-6.39E-01
1.02E+02	-9.30E+01	1.61E+02	-7.32E-03	-6.31E-01
1.02E+02	-9.30E+01	1.61E+02	2.44E-03	-6.35E-01
1.02E+02	-9.30E+01	1.61E+02	1.59E-02	-6.16E-01
1.02E+02	-9.30E+01	1.61E+02	-2.44E-02	-6.32E-01
1.02E+02	-9.30E+01	1.60E+02	-1.71E-02	-6.29E-01
1.02E+02	-9.30E+01	1.61E+02	-2.44E-03	-6.13E-01
1.02E+02	-9.30E+01	1.61E+02	-2.32E-02	-6.17E-01
1.02E+02	-9.30E+01	1.61E+02	-2.69E-02	-6.21E-01
1.02E+02	-9.30E+01	1.61E+02	-3.66E-03	-6.25E-01
1.02E+02	-9.30E+01	1.60E+02	-1.95E-02	-6.02E-01
1.02E+02	-9.30E+01	1.60E+02	-3.91E-02	-6.12E-01
1.02E+02	-9.30E+01	1.61E+02	-1.95E-02	-6.17E-01
1.02E+02	-9.30E+01	1.61E+02	4.88E-03	-6.04E-01
1.03E+02	-9.30E+01	1.60E+02	0.00E+00	-6.13E-01
1.03E+02	-9.30E+01	1.60E+02	-5.25E-02	-6.08E-01
1.03E+02	-9.30E+01	1.60E+02	-1.59E-02	-6.09E-01
1.03E+02	-9.30E+01	1.61E+02	-7.32E-03	-5.86E-01
1.03E+02	-9.30E+01	1.60E+02	-1.59E-02	-5.95E-01
1.03E+02	-9.30E+01	1.60E+02	-2.93E-02	-6.01E-01
1.03E+02	-9.30E+01	1.60E+02	-1.10E-02	-5.90E-01
1.03E+02	-9.30E+01	1.61E+02	-4.88E-03	-5.84E-01
1.03E+02	-9.30E+01	1.60E+02	-7.32E-03	-5.84E-01
1.03E+02	-9.30E+01	1.60E+02	-1.95E-02	-5.93E-01
1.03E+02	-9.30E+01	1.60E+02	-3.42E-02	-5.94E-01
1.03E+02	-9.30E+01	1.60E+02	4.88E-03	-5.72E-01
1.03E+02	-9.30E+01	1.61E+02	-4.88E-03	-5.81E-01
1.03E+02	-9.30E+01	1.60E+02	-1.22E-02	-5.93E-01
1.03E+02	-9.30E+01	1.60E+02	-7.32E-03	-5.94E-01
1.03E+02	-9.30E+01	1.60E+02	-2.44E-03	-5.73E-01
1.03E+02	-9.30E+01	1.60E+02	-1.83E-02	-5.78E-01
1.03E+02	-9.30E+01	1.60E+02	-3.17E-02	-5.79E-01
1.03E+02	-9.30E+01	1.60E+02	-2.32E-02	-5.70E-01
1.03E+02	-9.30E+01	1.60E+02	-1.83E-02	-5.79E-01
1.03E+02	-9.30E+01	1.60E+02	0.00E+00	-5.64E-01
1.03E+02	-9.30E+01	1.60E+02	-2.93E-02	-5.76E-01
1.03E+02	-9.30E+01	1.60E+02	-1.71E-02	-5.76E-01
1.03E+02	-9.30E+01	1.60E+02	3.91E-02	-5.64E-01
1.03E+02	-9.30E+01	1.60E+02	-1.46E-02	-5.49E-01
1.03E+02	-9.30E+01	1.60E+02	-2.20E-02	-5.72E-01
1.03E+02	-9.30E+01	1.59E+02	-1.46E-02	-5.70E-01
1.03E+02	-9.30E+01	1.60E+02	-4.88E-03	-5.57E-01
1.03E+02	-9.30E+01	1.60E+02	-1.71E-02	-5.56E-01

1.03E+02	-9.30E+01	1.60E+02	-3.54E-02	-5.79E-01
1.03E+02	-9.30E+01	1.59E+02	0.00E+00	-5.65E-01
1.03E+02	-9.30E+01	1.59E+02	-2.44E-03	-5.53E-01
1.03E+02	-9.30E+01	1.60E+02	-1.95E-02	-5.48E-01
1.03E+02	-9.30E+01	1.59E+02	-3.17E-02	-5.56E-01
1.03E+02	-9.30E+01	1.59E+02	-1.95E-02	-5.56E-01
1.03E+02	-9.30E+01	1.59E+02	2.69E-02	-5.48E-01
1.03E+02	-9.30E+01	1.59E+02	-2.44E-02	-5.43E-01
1.03E+02	-9.30E+01	1.59E+02	-2.44E-02	-5.51E-01
1.03E+02	-9.30E+01	1.59E+02	-1.95E-02	-5.49E-01
1.03E+02	-9.30E+01	1.59E+02	2.44E-03	-5.39E-01
1.03E+02	-9.30E+01	1.59E+02	-1.34E-02	-5.35E-01
1.03E+02	-9.30E+01	1.59E+02	-2.69E-02	-5.35E-01
1.03E+02	-9.30E+01	1.59E+02	-2.69E-02	-5.42E-01
1.03E+02	-9.30E+01	1.59E+02	-7.32E-03	-5.35E-01
1.03E+02	-9.30E+01	1.59E+02	-9.77E-03	-5.27E-01
1.03E+02	-9.30E+01	1.59E+02	-3.17E-02	-5.31E-01
1.03E+02	-9.30E+01	1.59E+02	-2.56E-02	-5.23E-01
1.03E+02	-9.30E+01	1.59E+02	-1.95E-02	-5.39E-01
1.03E+02	-9.30E+01	1.59E+02	-2.44E-03	-5.16E-01
1.03E+02	-9.30E+01	1.59E+02	-1.95E-02	-5.12E-01
1.04E+02	-9.30E+01	1.59E+02	-2.69E-02	-5.25E-01
1.04E+02	-9.30E+01	1.58E+02	-1.46E-02	-5.25E-01
1.04E+02	-9.30E+01	1.59E+02	-4.88E-03	-5.03E-01
1.04E+02	-9.30E+01	1.59E+02	-3.05E-02	-5.12E-01
1.04E+02	-9.30E+01	1.58E+02	-4.15E-02	-5.28E-01
1.04E+02	-9.30E+01	1.58E+02	-2.56E-02	-5.19E-01
1.04E+02	-9.30E+01	1.59E+02	-7.32E-03	-5.09E-01
1.04E+02	-9.30E+01	1.59E+02	-3.42E-02	-5.07E-01
1.04E+02	-9.30E+01	1.58E+02	-2.69E-02	-5.16E-01
1.04E+02	-9.30E+01	1.58E+02	-1.95E-02	-5.16E-01
1.04E+02	-9.30E+01	1.58E+02	-1.59E-02	-4.93E-01
1.04E+02	-9.30E+01	1.59E+02	-3.42E-02	-5.11E-01
1.04E+02	-9.30E+01	1.58E+02	-2.44E-02	-5.08E-01
1.04E+02	-9.30E+01	1.58E+02	0.00E+00	-5.04E-01
1.04E+02	-9.30E+01	1.58E+02	2.20E-02	-4.83E-01
1.04E+02	-9.30E+01	1.59E+02	-4.64E-02	-4.98E-01
1.04E+02	-9.30E+01	1.58E+02	-2.20E-02	-5.05E-01
1.04E+02	-9.30E+01	1.58E+02	-2.44E-02	-5.10E-01
1.04E+02	-9.30E+01	1.58E+02	7.32E-03	-4.94E-01
1.04E+02	-9.30E+01	1.58E+02	-9.77E-03	-4.85E-01
1.04E+02	-9.30E+01	1.58E+02	-2.56E-02	-4.96E-01
1.04E+02	-9.30E+01	1.58E+02	3.66E-03	-4.95E-01
1.04E+02	-9.30E+01	1.57E+02	-2.44E-02	-4.94E-01
1.04E+02	-9.30E+01	1.58E+02	2.44E-03	-4.83E-01
1.04E+02	-9.30E+01	1.58E+02	-1.95E-02	-4.80E-01
1.04E+02	-9.30E+01	1.58E+02	-2.69E-02	-4.87E-01

1.04E+02	-9.30E+01	1.57E+02	-1.46E-02	-4.89E-01
1.04E+02	-9.30E+01	1.57E+02	2.44E-03	-4.72E-01
1.04E+02	-9.30E+01	1.58E+02	-9.77E-03	-4.74E-01
1.04E+02	-9.30E+01	1.57E+02	-2.81E-02	-4.76E-01
1.04E+02	-9.30E+01	1.57E+02	-4.88E-03	-4.82E-01
1.04E+02	-9.30E+01	1.57E+02	-6.10E-03	-4.68E-01
1.04E+02	-9.30E+01	1.57E+02	-4.15E-02	-4.63E-01
1.04E+02	-9.30E+01	1.57E+02	-2.69E-02	-4.67E-01
1.04E+02	-9.30E+01	1.57E+02	-2.08E-02	-4.66E-01
1.04E+02	-9.30E+01	1.57E+02	7.32E-03	-4.64E-01
1.04E+02	-9.30E+01	1.57E+02	-1.71E-02	-4.57E-01
1.04E+02	-9.30E+01	1.57E+02	-2.44E-02	-4.62E-01
1.04E+02	-9.30E+01	1.56E+02	-1.95E-02	-4.70E-01
1.04E+02	-9.30E+01	1.57E+02	-3.17E-02	-4.47E-01
1.04E+02	-9.30E+01	1.57E+02	-1.83E-02	-4.58E-01
1.04E+02	-9.30E+01	1.56E+02	-3.17E-02	-4.54E-01
1.04E+02	-9.30E+01	1.56E+02	-2.44E-03	-4.58E-01
1.04E+02	-9.30E+01	1.56E+02	-9.77E-03	-4.45E-01
1.04E+02	-9.30E+01	1.57E+02	-4.03E-02	-4.46E-01
1.04E+02	-9.30E+01	1.56E+02	-2.44E-02	-4.63E-01
1.04E+02	-9.30E+01	1.55E+02	-2.44E-02	-4.53E-01
1.04E+02	-9.30E+01	1.56E+02	-2.44E-03	-4.45E-01
1.04E+02	-9.30E+01	1.56E+02	-2.81E-02	-4.39E-01
1.04E+02	-9.30E+01	1.56E+02	-2.32E-02	-4.51E-01
1.05E+02	-9.30E+01	1.56E+02	1.71E-02	-4.24E-01
1.05E+02	-9.30E+01	1.56E+02	1.71E-02	-4.30E-01
1.05E+02	-9.30E+01	1.55E+02	-2.93E-02	-4.34E-01
1.05E+02	-9.30E+01	1.56E+02	-2.44E-02	-4.35E-01
1.05E+02	-9.30E+01	1.55E+02	-2.44E-03	-4.33E-01
1.05E+02	-9.30E+01	1.55E+02	-1.46E-02	-4.20E-01
1.05E+02	-9.30E+01	1.55E+02	-2.69E-02	-4.19E-01
1.05E+02	-9.30E+01	1.55E+02	-6.10E-02	-4.20E-01
1.05E+02	-9.30E+01	1.55E+02	2.44E-03	-4.22E-01
1.05E+02	-9.30E+01	1.55E+02	-9.77E-03	-4.19E-01
1.05E+02	-9.30E+01	1.55E+02	-1.46E-02	-4.17E-01
1.05E+02	-9.30E+01	1.55E+02	-2.69E-02	-4.31E-01
1.05E+02	-9.30E+01	1.55E+02	-1.10E-02	-4.20E-01
1.05E+02	-9.30E+01	1.55E+02	-2.20E-02	-4.20E-01
1.05E+02	-9.30E+01	1.54E+02	-2.81E-02	-4.16E-01
1.05E+02	-9.30E+01	1.55E+02	4.88E-03	-4.22E-01
1.05E+02	-9.30E+01	1.54E+02	-1.34E-02	-4.09E-01
1.05E+02	-9.30E+01	1.54E+02	-1.34E-02	-4.01E-01
1.05E+02	-9.30E+01	1.54E+02	-2.93E-02	-4.13E-01
1.05E+02	-9.30E+01	1.55E+02	-2.08E-02	-4.24E-01
1.05E+02	-9.30E+01	1.55E+02	1.59E-02	-4.01E-01
1.05E+02	-9.30E+01	1.54E+02	-1.22E-02	-3.95E-01
1.05E+02	-9.30E+01	1.54E+02	-3.78E-02	-4.05E-01

1.05E+02	-9.30E+01	1.54E+02	-8.54E-03	-4.03E-01
1.05E+02	-9.30E+01	1.54E+02	-9.77E-03	-3.93E-01
1.05E+02	-9.30E+01	1.54E+02	-4.88E-02	-3.97E-01
1.05E+02	-9.30E+01	1.54E+02	-3.54E-02	-4.00E-01
1.05E+02	-9.30E+01	1.54E+02	0.00E+00	-3.98E-01
1.05E+02	-9.30E+01	1.54E+02	-4.88E-03	-3.77E-01
1.05E+02	-9.30E+01	1.54E+02	-2.20E-02	-3.93E-01
1.05E+02	-9.30E+01	1.54E+02	-3.42E-02	-3.93E-01
1.05E+02	-9.30E+01	1.54E+02	-2.20E-02	-3.98E-01
1.05E+02	-9.30E+01	1.54E+02	4.88E-03	-3.77E-01
1.05E+02	-9.30E+01	1.54E+02	-2.44E-02	-3.80E-01
1.05E+02	-9.30E+01	1.53E+02	-3.05E-02	-3.83E-01
1.05E+02	-9.30E+01	1.53E+02	-4.88E-03	-3.85E-01
1.05E+02	-9.30E+01	1.54E+02	0.00E+00	-3.75E-01
1.05E+02	-9.30E+01	1.54E+02	-2.93E-02	-3.77E-01
1.05E+02	-9.30E+01	1.53E+02	-3.78E-02	-3.79E-01
1.05E+02	-9.30E+01	1.53E+02	-9.77E-03	-3.91E-01
1.05E+02	-9.30E+01	1.53E+02	-6.10E-03	-3.60E-01
1.05E+02	-9.30E+01	1.53E+02	-1.46E-02	-3.72E-01
1.05E+02	-9.30E+01	1.54E+02	-3.42E-02	-3.75E-01
1.05E+02	-9.30E+01	1.53E+02	-2.44E-03	-3.69E-01
1.05E+02	-9.30E+01	1.52E+02	7.32E-03	-3.74E-01
1.05E+02	-9.30E+01	1.52E+02	-1.10E-02	-3.61E-01
1.05E+02	-9.30E+01	1.53E+02	-2.69E-02	-3.65E-01
1.05E+02	-9.30E+01	1.54E+02	-2.93E-02	-3.60E-01
1.05E+02	-9.30E+01	1.53E+02	8.54E-03	-3.57E-01
1.05E+02	-9.30E+01	1.53E+02	-2.44E-02	-3.49E-01
1.06E+02	-9.30E+01	1.53E+02	-2.93E-02	-3.44E-01
1.06E+02	-9.30E+01	1.54E+02	-4.88E-03	-3.55E-01
1.06E+02	-9.30E+01	1.54E+02	-1.22E-02	-3.55E-01
1.06E+02	-9.30E+01	1.53E+02	-8.54E-03	-3.50E-01
1.06E+02	-9.30E+01	1.53E+02	-2.81E-02	-3.52E-01
1.06E+02	-9.30E+01	1.53E+02	-8.54E-03	-3.54E-01
1.06E+02	-9.30E+01	1.54E+02	-8.54E-03	-3.40E-01
1.06E+02	-9.30E+01	1.54E+02	-3.66E-02	-3.36E-01
1.06E+02	-9.30E+01	1.54E+02	-2.20E-02	-3.41E-01
1.06E+02	-9.30E+01	1.54E+02	-2.93E-02	-3.44E-01
1.06E+02	-9.30E+01	1.54E+02	9.77E-03	-3.38E-01
1.06E+02	-9.30E+01	1.54E+02	-2.56E-02	-3.32E-01
1.06E+02	-9.30E+01	1.54E+02	-2.93E-02	-3.40E-01
1.06E+02	-9.30E+01	1.54E+02	-1.71E-02	-3.49E-01
1.06E+02	-9.30E+01	1.55E+02	8.54E-03	-3.32E-01
1.06E+02	-9.30E+01	1.55E+02	-1.10E-02	-3.32E-01
1.06E+02	-9.30E+01	1.54E+02	-2.08E-02	-3.35E-01
1.06E+02	-9.30E+01	1.54E+02	4.88E-03	-3.25E-01
1.06E+02	-9.30E+01	1.55E+02	-1.83E-02	-3.18E-01
1.06E+02	-9.30E+01	1.55E+02	-7.32E-03	-3.33E-01

1.06E+02	-9.30E+01	1.55E+02	-2.20E-02	-3.23E-01
1.06E+02	-9.30E+01	1.55E+02	-2.44E-03	-3.14E-01
1.06E+02	-9.30E+01	1.55E+02	-4.64E-02	-3.22E-01
1.06E+02	-9.30E+01	1.56E+02	-1.95E-02	-3.26E-01
1.06E+02	-9.30E+01	1.55E+02	-4.88E-03	-3.13E-01
1.06E+02	-9.30E+01	1.55E+02	9.77E-03	-3.08E-01
1.06E+02	-9.30E+01	1.55E+02	-3.54E-02	-3.11E-01
1.06E+02	-9.30E+01	1.55E+02	-2.93E-02	-3.22E-01
1.06E+02	-9.30E+01	1.56E+02	-8.54E-03	-3.14E-01
1.06E+02	-9.30E+01	1.56E+02	-1.71E-02	-2.98E-01
1.06E+02	-9.30E+01	1.56E+02	-2.44E-02	-3.05E-01
1.06E+02	-9.30E+01	1.55E+02	-2.93E-02	-3.15E-01
1.06E+02	-9.30E+01	1.56E+02	-2.44E-03	-3.05E-01
1.06E+02	-9.30E+01	1.56E+02	-1.10E-02	-2.96E-01
1.06E+02	-9.30E+01	1.56E+02	-2.69E-02	-2.90E-01
1.06E+02	-9.30E+01	1.56E+02	-9.77E-03	-3.05E-01
1.06E+02	-9.30E+01	1.56E+02	-1.71E-02	-2.97E-01
1.06E+02	-9.30E+01	1.56E+02	0.00E+00	-2.89E-01
1.06E+02	-9.30E+01	1.56E+02	-2.44E-02	-2.88E-01
1.06E+02	-9.30E+01	1.56E+02	-3.42E-02	-2.82E-01
1.06E+02	-9.30E+01	1.56E+02	-2.20E-02	-3.04E-01
1.06E+02	-9.30E+01	1.56E+02	-1.46E-02	-2.81E-01
1.06E+02	-9.30E+01	1.57E+02	-1.34E-02	-2.78E-01
1.06E+02	-9.30E+01	1.57E+02	-3.91E-02	-2.89E-01
1.06E+02	-9.30E+01	1.57E+02	-8.54E-03	-2.88E-01
1.06E+02	-9.30E+01	1.57E+02	-2.44E-03	-2.78E-01
1.06E+02	-9.30E+01	1.57E+02	-2.56E-02	-2.55E-01
1.06E+02	-9.30E+01	1.56E+02	-3.42E-02	-2.83E-01
1.06E+02	-9.30E+01	1.56E+02	4.88E-03	-2.75E-01
1.06E+02	-9.30E+01	1.57E+02	0.00E+00	-2.71E-01
1.07E+02	-9.30E+01	1.57E+02	-3.30E-02	-2.68E-01
1.07E+02	-9.30E+01	1.57E+02	-2.44E-02	-2.76E-01
1.07E+02	-9.30E+01	1.57E+02	-9.77E-03	-2.82E-01
1.07E+02	-9.30E+01	1.57E+02	-4.27E-02	-2.53E-01
1.07E+02	-9.30E+01	1.57E+02	-2.93E-02	-2.61E-01
1.07E+02	-9.30E+01	1.57E+02	-2.20E-02	-2.71E-01
1.07E+02	-9.30E+01	1.57E+02	3.66E-03	-2.67E-01
1.07E+02	-9.30E+01	1.57E+02	-9.77E-03	-2.55E-01
1.07E+02	-9.30E+01	1.57E+02	-1.83E-02	-2.51E-01
1.07E+02	-9.30E+01	1.58E+02	-4.88E-02	-2.71E-01
1.07E+02	-9.30E+01	1.57E+02	-1.22E-02	-2.63E-01
1.07E+02	-9.30E+01	1.57E+02	-4.88E-03	-2.54E-01
1.07E+02	-9.30E+01	1.57E+02	-2.69E-02	-2.48E-01
1.07E+02	-9.30E+01	1.57E+02	-1.83E-02	-2.59E-01
1.07E+02	-9.30E+01	1.58E+02	-8.54E-03	-2.49E-01
1.07E+02	-9.30E+01	1.58E+02	-9.77E-03	-2.40E-01
1.07E+02	-9.30E+01	1.58E+02	-2.93E-02	-2.44E-01

1.07E+02	-9.30E+01	1.57E+02	-2.20E-02	-2.58E-01
1.07E+02	-9.30E+01	1.58E+02	-6.10E-03	-2.48E-01
1.07E+02	-9.30E+01	1.58E+02	-3.17E-02	-2.29E-01
1.07E+02	-9.30E+01	1.58E+02	-2.44E-02	-2.46E-01
1.07E+02	-9.30E+01	1.57E+02	-2.32E-02	-2.45E-01
1.07E+02	-9.30E+01	1.58E+02	2.44E-03	-2.37E-01
1.07E+02	-9.30E+01	1.58E+02	-9.77E-03	-2.21E-01
1.07E+02	-9.30E+01	1.58E+02	-4.88E-03	-2.19E-01
1.07E+02	-9.30E+01	1.58E+02	-1.10E-02	-2.42E-01
1.07E+02	-9.30E+01	1.58E+02	-1.22E-02	-2.26E-01
1.07E+02	-9.30E+01	1.58E+02	-9.77E-03	-2.21E-01
1.07E+02	-9.30E+01	1.58E+02	-3.42E-02	-2.30E-01
1.07E+02	-9.30E+01	1.58E+02	4.88E-03	-2.26E-01
1.07E+02	-9.30E+01	1.58E+02	2.44E-03	-2.42E-01
1.07E+02	-9.30E+01	1.59E+02	-2.69E-02	-2.19E-01
1.07E+02	-9.30E+01	1.59E+02	-1.95E-02	-2.32E-01
1.07E+02	-9.30E+01	1.59E+02	-4.88E-03	-2.15E-01
1.07E+02	-9.30E+01	1.59E+02	-1.10E-02	-2.11E-01
1.07E+02	-9.30E+01	1.59E+02	-3.05E-02	-2.16E-01
1.07E+02	-9.30E+01	1.59E+02	-1.46E-02	-2.15E-01
1.07E+02	-9.30E+01	1.59E+02	1.34E-02	-2.06E-01
1.07E+02	-9.30E+01	1.59E+02	-1.71E-02	-2.04E-01
1.07E+02	-9.30E+01	1.59E+02	-2.69E-02	-2.09E-01
1.07E+02	-9.30E+01	1.59E+02	0.00E+00	-2.04E-01
1.07E+02	-9.30E+01	1.59E+02	-1.71E-02	-1.98E-01
1.07E+02	-9.30E+01	1.59E+02	-2.44E-02	-2.04E-01
1.07E+02	-9.30E+01	1.59E+02	-3.17E-02	-2.27E-01
1.07E+02	-9.30E+01	1.59E+02	1.46E-02	-1.91E-01
1.07E+02	-9.30E+01	1.59E+02	2.44E-03	-1.95E-01
1.07E+02	-9.30E+01	1.59E+02	-2.69E-02	-1.94E-01
1.07E+02	-9.30E+01	1.59E+02	-2.44E-02	-2.01E-01
1.07E+02	-9.30E+01	1.59E+02	-4.88E-03	-1.89E-01
1.07E+02	-9.30E+01	1.60E+02	-1.71E-02	-1.92E-01
1.08E+02	-9.30E+01	1.59E+02	-2.81E-02	-1.90E-01
1.08E+02	-9.30E+01	1.59E+02	-3.17E-02	-1.99E-01
1.08E+02	-9.30E+01	1.60E+02	1.22E-02	-1.82E-01
1.08E+02	-9.30E+01	1.60E+02	-2.69E-02	-1.75E-01
1.08E+02	-9.30E+01	1.60E+02	-1.95E-02	-1.88E-01
1.08E+02	-9.30E+01	1.60E+02	-7.32E-03	-1.84E-01
1.08E+02	-9.30E+01	1.60E+02	-1.71E-02	-1.80E-01
1.08E+02	-9.30E+01	1.60E+02	-3.42E-02	-1.80E-01
1.08E+02	-9.30E+01	1.60E+02	-4.88E-03	-1.81E-01
1.08E+02	-9.30E+01	1.60E+02	1.22E-03	-1.76E-01
1.08E+02	-9.30E+01	1.60E+02	-1.22E-02	-1.64E-01
1.08E+02	-9.30E+01	1.60E+02	-2.69E-02	-1.74E-01
1.08E+02	-9.30E+01	1.59E+02	-2.93E-02	-1.76E-01
1.08E+02	-9.30E+01	1.60E+02	6.10E-03	-1.65E-01

1.08E+02	-9.30E+01	1.60E+02	-2.93E-02	-1.61E-01
1.08E+02	-9.30E+01	1.60E+02	-1.95E-02	-1.73E-01
1.08E+02	-9.30E+01	1.60E+02	-1.10E-02	-1.64E-01
1.08E+02	-9.30E+01	1.60E+02	-1.10E-02	-1.53E-01
1.08E+02	-9.30E+01	1.59E+02	-4.15E-02	-1.57E-01
1.08E+02	-9.30E+01	1.59E+02	-2.93E-02	-1.64E-01
1.08E+02	-9.30E+01	1.60E+02	6.10E-03	-1.59E-01
1.08E+02	-9.30E+01	1.60E+02	-2.20E-02	-1.49E-01
1.08E+02	-9.30E+01	1.59E+02	-3.05E-02	-1.61E-01
1.08E+02	-9.30E+01	1.59E+02	-1.71E-02	-1.57E-01
1.08E+02	-9.30E+01	1.59E+02	1.22E-02	-1.45E-01
1.08E+02	-9.30E+01	1.60E+02	-1.95E-02	-1.48E-01
1.08E+02	-9.30E+01	1.60E+02	-2.69E-02	-1.47E-01
1.08E+02	-9.30E+01	1.59E+02	-9.77E-03	-1.49E-01
1.08E+02	-9.30E+01	1.60E+02	-9.77E-03	-1.32E-01
1.08E+02	-9.30E+01	1.60E+02	-1.34E-02	-1.37E-01
1.08E+02	-9.30E+01	1.59E+02	-3.42E-02	-1.54E-01
1.08E+02	-9.30E+01	1.59E+02	1.95E-02	-1.41E-01
1.08E+02	-9.30E+01	1.59E+02	-3.66E-03	-1.27E-01
1.08E+02	-9.30E+01	1.60E+02	-1.95E-02	-1.31E-01
1.08E+02	-9.30E+01	1.60E+02	-2.81E-02	-1.41E-01
1.08E+02	-9.30E+01	1.59E+02	-1.46E-02	-1.37E-01
1.08E+02	-9.30E+01	1.59E+02	-2.44E-03	-1.26E-01
1.08E+02	-9.30E+01	1.60E+02	-4.39E-02	-1.39E-01
1.08E+02	-9.30E+01	1.60E+02	7.32E-03	-1.42E-01
1.08E+02	-9.30E+01	1.60E+02	-4.88E-03	-1.19E-01
1.08E+02	-9.30E+01	1.60E+02	-2.44E-02	-1.29E-01
1.08E+02	-9.30E+01	1.59E+02	-2.44E-02	-1.26E-01
1.08E+02	-9.30E+01	1.59E+02	4.88E-03	-1.16E-01
1.08E+02	-9.30E+01	1.59E+02	-1.59E-02	-1.31E-01
1.08E+02	-9.30E+01	1.60E+02	-1.95E-02	-1.14E-01
1.08E+02	-9.30E+01	1.59E+02	-2.44E-02	-1.13E-01
1.08E+02	-9.30E+01	1.60E+02	0.00E+00	-1.03E-01
1.08E+02	-9.30E+01	1.59E+02	-2.93E-02	-1.05E-01
1.08E+02	-9.30E+01	1.59E+02	-2.93E-02	-1.14E-01
1.08E+02	-9.30E+01	1.59E+02	4.88E-03	-1.13E-01
1.09E+02	-9.30E+01	1.60E+02	1.59E-02	-1.09E-01
1.09E+02	-9.30E+01	1.60E+02	-3.17E-02	-1.05E-01
1.09E+02	-9.30E+01	1.59E+02	-1.46E-02	-1.05E-01
1.09E+02	-9.30E+01	1.59E+02	2.44E-03	-9.54E-02
1.09E+02	-9.30E+01	1.59E+02	-3.05E-02	-9.49E-02
1.09E+02	-9.30E+01	1.58E+02	-2.93E-02	-9.92E-02
1.09E+02	-9.30E+01	1.58E+02	-1.46E-02	-9.92E-02
1.09E+02	-9.30E+01	1.57E+02	-1.10E-02	-8.98E-02
1.09E+02	-9.30E+01	1.57E+02	-8.54E-03	-8.30E-02
1.09E+02	-9.30E+01	1.57E+02	-3.05E-02	-8.90E-02
1.09E+02	-9.30E+01	1.57E+02	4.88E-03	-9.49E-02

1.09E+02	-9.30E+01	1.57E+02	-9.77E-03	-7.80E-02
1.09E+02	-9.30E+01	1.57E+02	-1.95E-02	-8.26E-02
1.09E+02	-9.30E+01	1.57E+02	-4.64E-02	-1.03E-01
1.09E+02	-9.30E+01	1.58E+02	0.00E+00	-8.64E-02
1.09E+02	-9.30E+01	1.58E+02	-7.32E-03	-8.14E-02
1.09E+02	-9.30E+01	1.58E+02	-3.54E-02	-6.74E-02
1.09E+02	-9.30E+01	1.54E+02	-2.69E-02	-7.97E-02
1.09E+02	-9.30E+01	1.43E+02	-1.46E-02	-8.05E-02
1.09E+02	-9.30E+01	1.30E+02	-1.22E-03	-6.52E-02
1.09E+02	-9.30E+01	1.17E+02	-1.10E-02	-6.18E-02
1.09E+02	-9.30E+01	1.04E+02	-4.39E-02	-6.74E-02
1.09E+02	-9.30E+01	9.40E+01	-2.44E-02	-7.12E-02
1.09E+02	-9.30E+01	8.49E+01	-2.44E-02	-5.97E-02
1.09E+02	-9.30E+01	7.45E+01	-6.10E-03	-4.49E-02
1.09E+02	-9.30E+01	6.27E+01	-2.56E-02	-5.42E-02
1.09E+02	-9.30E+01	5.27E+01	-5.62E-02	-5.34E-02
1.09E+02	-9.30E+01	4.42E+01	2.44E-03	-3.51E-02
1.09E+02	-9.30E+01	3.51E+01	0.00E+00	-4.19E-02
1.09E+02	-9.30E+01	2.47E+01	-1.95E-02	-3.21E-02
1.09E+02	-9.30E+01	1.52E+01	-2.20E-02	-4.91E-02
1.09E+02	-9.30E+01	7.98E+00	-9.77E-03	-3.04E-02
1.09E+02	-9.30E+01	3.27E+00	-1.22E-02	-2.92E-02
1.09E+02	-9.30E+01	2.43E+00	-3.54E-02	-3.64E-02
1.09E+02	-9.30E+01	2.32E+00	-1.22E-02	-5.51E-02
1.09E+02	-9.30E+01	2.32E+00	-4.88E-03	-3.81E-02
1.09E+02	-9.30E+01	2.34E+00	-2.44E-02	-2.96E-02
1.09E+02	-9.30E+01	1.74E+00	-3.66E-02	-4.15E-02
1.09E+02	-9.30E+01	1.71E+00	-9.77E-03	-3.98E-02
1.09E+02	-9.30E+01	1.53E+00	2.44E-03	-2.96E-02
1.09E+02	-9.30E+01	1.83E+00	-2.20E-02	-2.88E-02
1.09E+02	-9.30E+01	1.38E+00	4.88E-03	-2.96E-02
1.09E+02	-9.30E+01	-2.91E-01	-1.95E-02	-3.43E-02
1.09E+02	-9.30E+01	-3.98E-01	-4.88E-03	-2.11E-02
1.09E+02	-9.30E+01	-2.30E-01	-3.54E-02	-1.90E-02
1.09E+02	-9.30E+01	-4.29E-01	-1.95E-02	-3.00E-02
1.09E+02	-9.30E+01	-5.36E-01	-7.32E-03	-2.28E-02
1.09E+02	-9.30E+01	-1.84E-01	-4.64E-02	-1.94E-02
1.09E+02	-9.30E+01	-5.51E-01	-1.46E-02	-2.15E-02
1.09E+02	-9.30E+01	-2.15E-01	-4.88E-03	-2.15E-02
1.10E+02	-9.30E+01	-3.37E-01	-4.88E-03	-1.69E-02
1.10E+02	-9.30E+01	-6.16E-02	-1.95E-02	-1.18E-02
1.10E+02	-9.30E+01	-4.59E-01	-2.32E-02	-2.20E-02
1.10E+02	-9.30E+01	-5.20E-01	-7.32E-03	-2.62E-02
1.10E+02	-9.30E+01	1.22E-01	-1.22E-03	-1.22E-02
1.10E+02	-9.30E+01	-3.67E-01	-4.64E-02	-1.52E-02
1.10E+02	-9.30E+01	-4.59E-01	-1.46E-02	-2.11E-02
1.10E+02	-9.30E+01	-2.76E-01	-2.44E-03	-1.18E-02

1.10E+02	-9.30E+01	-9.22E-02	-2.44E-02	-1.69E-02
1.10E+02	-9.30E+01	-4.29E-01	-2.56E-02	-2.79E-02
1.10E+02	-9.30E+01	-5.36E-01	-3.17E-02	-1.60E-02
1.10E+02	-9.30E+01	-6.16E-02	-2.44E-02	-1.35E-02
1.10E+02	-9.30E+01	-2.30E-01	-2.56E-02	-1.73E-02
1.10E+02	-9.30E+01	-4.29E-01	-9.77E-03	-2.62E-02
1.10E+02	-9.30E+01	-3.37E-01	-3.66E-03	-1.31E-02
1.10E+02	-9.30E+01	-1.23E-01	-1.59E-02	-1.01E-02
1.10E+02	-9.30E+01	-3.52E-01	-3.42E-02	-1.94E-02
1.10E+02	-9.30E+01	-6.43E-01	-4.64E-02	-2.11E-02
1.10E+02	-9.30E+01	-1.99E-01	-1.46E-02	-1.18E-02
1.10E+02	-9.30E+01	-4.59E-04	-2.32E-02	-2.28E-02
1.10E+02	-9.30E+01	-6.73E-01	-8.54E-03	-2.07E-02
1.10E+02	-9.30E+01	-1.84E-01	-4.88E-03	-9.24E-03
1.10E+02	-9.30E+01	-9.22E-02	-1.83E-02	-1.56E-02
1.10E+02	-9.30E+01	-1.99E-01	-2.44E-02	-1.01E-02
1.10E+02	-9.30E+01	-8.26E-01	1.46E-02	-1.90E-02
1.10E+02	-9.30E+01	-2.60E-01	1.10E-02	-4.15E-03
1.10E+02	-9.30E+01	-2.30E-01	-1.71E-02	-1.60E-02
1.10E+02	-9.30E+01	-5.66E-01	-2.32E-02	-2.58E-02
1.10E+02	-9.30E+01	-3.67E-01	4.88E-03	-1.60E-02

Current File	O:\Projects\914220~1\Data\UNITED~1\Ody1063.csv
Original File	C:\Data\9142OdysseyLiftGate\Ody1063.dx3
File descrip	9142 Honda Odyssey LiftGate liftgate - Esser
Project ID:	Project ID
File ID:	File ID
Test Date:	########
Test Time:	40:12.0
Current Da	########
Current Tin	8:53:39
Number of	4
Number of	5504
Independe	0.02
Independe	0
Independe	Sec

Time	Angle	Force	LiftgateMo	StrutCalDisplacement
Sec	Degrees	lbs	volts	inches
0.00E+00	-9.30E+01	-2.11E-01	-1.95E-02	-1.87E-03
2.00E-02	-9.30E+01	-7.34E-02	-9.77E-03	2.37E-03
4.00E-02	-9.30E+01	4.01E-01	-1.59E-02	1.25E-02
6.00E-02	-9.30E+01	3.06E-03	-2.08E-02	-5.27E-03
8.00E-02	-9.30E+01	3.06E-03	-3.66E-02	2.79E-03
1.00E-01	-9.30E+01	1.71E-01	2.44E-03	-1.12E-02
1.20E-01	-9.30E+01	4.89E-02	-2.69E-02	3.22E-03
1.40E-01	-9.30E+01	1.56E-01	-2.20E-02	7.03E-03
1.60E-01	-9.30E+01	3.36E-02	-2.56E-02	-4.84E-03
1.80E-01	-9.30E+01	-2.11E-01	-2.20E-02	-7.39E-03
2.00E-01	-9.30E+01	-1.22E-02	3.66E-03	6.71E-04
2.20E-01	-9.30E+01	9.48E-02	4.88E-03	6.71E-04
2.40E-01	-9.30E+01	2.78E-01	-2.20E-02	1.94E-03
2.60E-01	-9.30E+01	-1.96E-01	-2.32E-02	-6.96E-03
2.80E-01	-9.30E+01	-2.57E-01	-2.20E-02	2.37E-03
3.00E-01	-9.30E+01	-5.81E-02	-2.44E-03	9.58E-03
3.20E-01	-9.30E+01	9.48E-02	-7.32E-03	4.06E-03
3.40E-01	-9.30E+01	6.42E-02	-3.17E-02	1.00E-02
3.60E-01	-9.30E+01	-3.79E-01	-3.42E-02	-2.22E-02
3.80E-01	-9.30E+01	-1.19E-01	-4.88E-03	-5.27E-03
4.00E-01	-9.30E+01	3.36E-02	2.44E-02	6.61E-03
4.20E-01	-9.30E+01	3.09E-01	-7.32E-03	-3.57E-03
4.40E-01	-9.30E+01	7.95E-02	-3.66E-02	2.47E-04
4.60E-01	-9.30E+01	-1.65E-01	-1.22E-02	-7.39E-03
4.80E-01	-9.30E+01	-5.81E-02	-9.77E-03	3.22E-03
5.00E-01	-9.30E+01	2.78E-01	-1.46E-02	7.46E-03
5.20E-01	-9.30E+01	3.36E-02	-3.42E-02	-3.57E-03
5.40E-01	-9.30E+01	-1.19E-01	-2.81E-02	-6.54E-03
5.60E-01	-9.30E+01	-1.19E-01	1.22E-02	4.06E-03
5.80E-01	-9.30E+01	3.06E-03	-2.08E-02	7.88E-03
6.00E-01	-9.30E+01	2.17E-01	-1.46E-02	-3.15E-03

6.20E-01	-9.30E+01	-1.50E-01	-1.59E-02	-2.72E-03
6.40E-01	-9.30E+01	-8.87E-02	-1.46E-02	2.37E-03
6.60E-01	-9.30E+01	1.25E-01	-1.71E-02	1.34E-02
6.80E-01	-9.30E+01	3.36E-02	-1.22E-02	-2.72E-03
7.00E-01	-9.30E+01	6.42E-02	2.44E-03	-1.08E-02
7.20E-01	-9.30E+01	3.36E-02	-2.20E-02	1.93E-02
7.40E-01	-9.30E+01	5.53E-01	-2.32E-02	1.04E-02
7.60E-01	-9.30E+01	-4.56E-01	-9.77E-03	-6.12E-03
7.80E-01	-9.30E+01	-2.75E-02	6.10E-03	-1.16E-02
8.00E-01	-9.30E+01	1.25E-01	-1.95E-02	8.31E-03
8.20E-01	-9.30E+01	4.89E-02	-2.69E-02	-5.69E-03
8.40E-01	-9.30E+01	-2.11E-01	-1.59E-02	-1.04E-02
8.60E-01	-9.30E+01	3.36E-02	-4.88E-03	4.91E-03
8.80E-01	-9.30E+01	7.95E-02	-4.88E-03	2.79E-03
9.00E-01	-9.30E+01	9.48E-02	-3.54E-02	-2.30E-03
9.20E-01	-9.30E+01	-2.75E-02	-1.22E-02	-6.96E-03
9.40E-01	-9.30E+01	1.83E-02	-4.88E-03	2.37E-03
9.60E-01	-9.30E+01	2.94E-01	-1.46E-02	8.31E-03
9.80E-01	-9.30E+01	-5.81E-02	-3.66E-02	-4.42E-03
1.00E+00	-9.30E+01	3.06E-03	-6.10E-03	-6.12E-03
1.02E+00	-9.30E+01	-5.81E-02	6.10E-03	4.91E-03
1.04E+00	-9.30E+01	1.87E-01	-2.44E-02	3.22E-03
1.06E+00	-9.30E+01	-3.33E-01	-2.69E-02	-8.24E-03
1.08E+00	-9.30E+01	-1.19E-01	-1.22E-02	6.61E-03
1.10E+00	-9.30E+01	7.95E-02	4.88E-03	4.06E-03
1.12E+00	-9.30E+01	2.17E-01	-3.30E-02	4.06E-03
1.14E+00	-9.30E+01	-1.22E-02	-7.32E-03	4.49E-03
1.16E+00	-9.30E+01	6.42E-02	1.71E-02	1.34E-02
1.18E+00	-9.30E+01	4.92E-01	-1.71E-02	1.09E-02
1.20E+00	-9.30E+01	-4.25E-01	-4.88E-02	-6.54E-03
1.22E+00	-9.30E+01	-1.50E-01	-1.71E-02	-6.12E-03
1.24E+00	-9.30E+01	-4.28E-02	8.54E-03	4.06E-03
1.26E+00	-9.30E+01	2.32E-01	-2.32E-02	5.76E-03
1.28E+00	-9.30E+01	3.06E-03	-2.69E-02	-4.42E-03
1.30E+00	-9.30E+01	-2.42E-01	-9.77E-03	-4.00E-03
1.32E+00	-9.30E+01	1.87E-01	-8.54E-03	7.46E-03
1.34E+00	-9.30E+01	2.02E-01	-1.95E-02	3.22E-03
1.36E+00	-9.30E+01	3.36E-02	-3.42E-02	-4.00E-03
1.38E+00	-9.30E+01	-1.80E-01	-8.54E-03	-7.81E-03
1.40E+00	-9.30E+01	-5.81E-02	-1.22E-02	5.76E-03
1.42E+00	-9.30E+01	1.87E-01	-3.05E-02	4.91E-03
1.44E+00	-9.30E+01	-4.25E-01	-2.93E-02	-3.57E-03
1.46E+00	-9.30E+01	6.42E-02	6.10E-03	4.49E-03
1.48E+00	-9.30E+01	-5.81E-02	-1.71E-02	8.31E-03
1.50E+00	-9.30E+01	3.09E-01	-3.42E-02	1.94E-03
1.52E+00	-9.30E+01	9.48E-02	-3.17E-02	-1.21E-02
1.54E+00	-9.30E+01	-2.72E-01	-2.69E-02	-2.72E-03

1.56E+00	-9.30E+01	-5.81E-02	-4.88E-03	1.10E-03
1.58E+00	-9.30E+01	3.06E-03	-3.66E-02	-1.78E-04
1.60E+00	-9.30E+01	-2.75E-02	-3.17E-02	-1.87E-03
1.62E+00	-9.30E+01	-1.19E-01	1.71E-02	3.22E-03
1.64E+00	-9.30E+01	2.63E-01	4.88E-03	-3.15E-03
1.66E+00	-9.30E+01	-2.42E-01	-1.34E-02	-3.15E-03
1.68E+00	-9.30E+01	3.09E-01	-1.71E-02	7.46E-03
1.70E+00	-9.30E+01	3.36E-02	-1.46E-02	2.37E-03
1.72E+00	-9.30E+01	2.17E-01	-3.17E-02	-7.81E-03
1.74E+00	-9.30E+01	-5.81E-02	-2.32E-02	-9.51E-03
1.76E+00	-9.30E+01	-1.19E-01	-9.77E-03	-6.02E-04
1.78E+00	-9.30E+01	2.94E-01	-2.69E-02	6.61E-03
1.80E+00	-9.30E+01	1.56E-01	-2.69E-02	-1.78E-04
1.82E+00	-9.30E+01	2.48E-01	-4.27E-02	-3.57E-03
1.84E+00	-9.30E+01	3.36E-02	0.00E+00	1.52E-03
1.86E+00	-9.30E+01	2.63E-01	-1.59E-02	7.46E-03
1.88E+00	-9.30E+01	-7.34E-02	-2.93E-02	-9.51E-03
1.90E+00	-9.30E+01	3.36E-02	-6.10E-03	1.52E-03
1.92E+00	-9.30E+01	9.48E-02	-1.10E-02	4.91E-03
1.94E+00	-9.30E+01	1.56E-01	-3.66E-02	6.71E-04
1.96E+00	-9.30E+01	-1.50E-01	-1.22E-02	-7.39E-03
1.98E+00	-9.30E+01	-2.75E-02	-1.22E-02	4.91E-03
2.00E+00	-9.30E+01	3.09E-01	-1.46E-02	6.61E-03
2.02E+00	-9.30E+01	-2.75E-02	-2.93E-02	-6.12E-03
2.04E+00	-9.30E+01	-8.87E-02	-1.46E-02	-3.57E-03
2.06E+00	-9.30E+01	1.87E-01	-2.44E-03	4.49E-03
2.08E+00	-9.30E+01	1.87E-01	-2.44E-02	6.61E-03
2.10E+00	-9.30E+01	-8.87E-02	-2.44E-02	-6.96E-03
2.12E+00	-9.30E+01	-1.04E-01	0.00E+00	1.52E-03
2.14E+00	-9.30E+01	2.02E-01	-3.66E-03	1.04E-02
2.16E+00	-9.30E+01	6.42E-02	-3.54E-02	6.71E-04
2.18E+00	-9.30E+01	-4.28E-02	-1.71E-02	-9.51E-03
2.20E+00	-9.30E+01	6.42E-02	-9.77E-03	2.47E-04
2.22E+00	-9.30E+01	2.94E-01	-1.71E-02	2.37E-03
2.24E+00	-9.30E+01	-1.50E-01	-2.20E-02	-6.12E-03
2.26E+00	-9.30E+01	-4.28E-02	-2.08E-02	-5.27E-03
2.28E+00	-9.30E+01	6.42E-02	-1.22E-03	6.71E-04
2.30E+00	-9.30E+01	1.87E-01	-3.54E-02	7.03E-03
2.32E+00	-9.30E+01	1.87E-01	-1.71E-02	-7.81E-03
2.34E+00	-9.30E+01	-2.11E-01	-1.46E-02	6.71E-04
2.36E+00	-9.30E+01	2.78E-01	-9.77E-03	6.61E-03
2.38E+00	-9.30E+01	1.56E-01	-3.30E-02	6.71E-04
2.40E+00	-9.30E+01	-2.75E-02	-1.83E-02	-9.93E-03
2.42E+00	-9.30E+01	3.06E-03	2.44E-03	9.15E-03
2.44E+00	-9.30E+01	2.94E-01	-1.46E-02	4.06E-03
2.46E+00	-9.30E+01	-1.50E-01	-2.93E-02	-1.12E-02
2.48E+00	-9.30E+01	-5.81E-02	-2.44E-03	6.19E-03

2.50E+00	-9.30E+01	7.95E-02	-9.77E-03	1.10E-03
2.52E+00	-9.30E+01	9.48E-02	-4.15E-02	-1.03E-03
2.54E+00	-9.30E+01	-8.87E-02	-9.77E-03	-7.39E-03
2.56E+00	-9.30E+01	2.48E-01	-1.95E-02	1.09E-02
2.58E+00	-9.30E+01	3.36E-02	-3.78E-02	-6.96E-03
2.60E+00	-9.30E+01	-2.75E-02	-2.20E-02	-6.96E-03
2.62E+00	-9.30E+01	1.87E-01	-1.71E-02	1.94E-03
2.64E+00	-9.30E+01	1.25E-01	-4.15E-02	1.52E-03
2.66E+00	-9.30E+01	2.48E-01	-1.46E-02	-3.57E-03
2.68E+00	-9.30E+01	-2.26E-01	0.00E+00	-5.27E-03
2.70E+00	-9.30E+01	6.42E-02	0.00E+00	2.02E-02
2.72E+00	-9.30E+01	-2.11E-01	-2.93E-02	-8.66E-03
2.74E+00	-9.30E+01	-2.75E-02	-1.34E-02	-1.21E-02
2.76E+00	-9.30E+01	1.56E-01	-1.46E-02	-1.38E-02
2.78E+00	-9.30E+01	6.15E-01	-4.15E-02	1.13E-02
2.80E+00	-9.30E+01	-2.87E-01	6.10E-03	4.06E-03
2.82E+00	-9.30E+01	2.17E-01	1.22E-02	-7.81E-03
2.84E+00	-9.30E+01	6.42E-02	7.32E-03	1.42E-02
2.86E+00	-9.30E+01	1.56E-01	-4.39E-02	-1.29E-02
2.88E+00	-9.30E+01	-5.81E-02	1.95E-02	1.59E-02
2.90E+00	-9.30E+01	-1.50E-01	-1.34E-02	9.15E-03
2.92E+00	-9.30E+01	2.94E-01	8.54E-03	-1.21E-02
2.94E+00	-9.30E+01	-1.04E-01	-3.91E-02	-1.12E-02
2.96E+00	-9.30E+01	-1.80E-01	1.95E-02	-1.03E-03
2.98E+00	-9.30E+01	2.78E-01	-4.64E-02	-7.81E-03
3.00E+00	-9.30E+01	-2.11E-01	-7.32E-03	1.34E-02
3.02E+00	-9.30E+01	-2.26E-01	4.88E-03	1.17E-02
3.04E+00	-9.30E+01	3.85E-01	-6.35E-02	-3.15E-03
3.06E+00	-9.30E+01	-2.75E-02	-2.20E-02	3.22E-03
3.08E+00	-9.30E+01	-2.42E-01	-1.22E-02	3.22E-03
3.10E+00	-9.30E+01	9.48E-02	-2.20E-02	4.06E-03
3.12E+00	-9.30E+01	-5.81E-02	-2.93E-02	-1.12E-02
3.14E+00	-9.30E+01	-4.28E-02	-1.46E-02	6.71E-04
3.16E+00	-9.30E+01	1.25E-01	-7.32E-03	5.76E-03
3.18E+00	-9.30E+01	-2.75E-02	-2.69E-02	-6.96E-03
3.20E+00	-9.30E+01	-3.03E-01	-1.95E-02	-1.78E-04
3.22E+00	-9.30E+01	-2.75E-02	-8.54E-03	-4.42E-03
3.24E+00	-9.30E+01	-4.28E-02	-1.22E-02	1.68E-02
3.26E+00	-9.30E+01	6.42E-02	-2.56E-02	-1.87E-03
3.28E+00	-9.30E+01	-1.35E-01	-3.91E-02	-1.21E-02
3.30E+00	-9.30E+01	2.48E-01	-7.32E-03	5.76E-03
3.32E+00	-9.30E+01	4.89E-02	-1.71E-02	2.37E-03
3.34E+00	-9.30E+01	1.25E-01	-3.30E-02	-4.42E-03
3.36E+00	-9.30E+01	-2.75E-02	-9.77E-03	-9.51E-03
3.38E+00	-9.30E+01	2.48E-01	-7.32E-03	9.58E-03
3.40E+00	-9.30E+01	2.17E-01	-3.54E-02	-5.27E-03
3.42E+00	-9.30E+01	-2.72E-01	-9.77E-03	-1.78E-04

3.44E+00	-9.30E+01	-2.11E-01	2.44E-03	-4.42E-03
3.46E+00	-9.30E+01	-2.75E-02	-1.34E-02	4.91E-03
3.48E+00	-9.30E+01	-8.87E-02	-1.71E-02	6.71E-04
3.50E+00	-9.30E+01	-3.79E-01	-7.32E-03	-9.93E-03
3.52E+00	-9.30E+01	2.17E-01	-2.44E-03	1.38E-02
3.54E+00	-9.30E+01	1.56E-01	-1.46E-02	1.00E-02
3.56E+00	-9.30E+01	6.42E-02	-2.93E-02	-3.57E-03
3.58E+00	-9.30E+01	-2.75E-02	-1.10E-02	3.22E-03
3.60E+00	-9.30E+01	1.25E-01	-2.44E-02	7.88E-03
3.62E+00	-9.30E+01	9.48E-02	-1.95E-02	-7.81E-03
3.64E+00	-9.30E+01	-1.80E-01	-2.08E-02	-2.72E-03
3.66E+00	-9.30E+01	9.48E-02	0.00E+00	8.73E-03
3.68E+00	-9.30E+01	9.48E-02	-2.44E-02	-3.57E-03
3.70E+00	-9.30E+01	-8.87E-02	-1.22E-02	-6.12E-03
3.72E+00	-9.30E+01	3.06E-03	-1.22E-03	7.88E-03
3.74E+00	-9.30E+01	2.02E-01	-1.71E-02	3.22E-03
3.76E+00	-9.30E+01	-2.57E-01	-3.05E-02	-1.12E-02
3.78E+00	-9.30E+01	-1.35E-01	-3.66E-03	-1.87E-03
3.80E+00	-9.30E+01	9.48E-02	-1.22E-02	6.19E-03
3.82E+00	-9.30E+01	4.89E-02	-2.81E-02	-3.57E-03
3.84E+00	-9.30E+01	-1.50E-01	-2.44E-03	-7.81E-03
3.86E+00	-9.30E+01	6.42E-02	-2.44E-03	1.17E-02
3.88E+00	-9.30E+01	1.71E-01	-1.83E-02	-6.02E-04
3.90E+00	-9.30E+01	-1.65E-01	-2.69E-02	-4.42E-03
3.92E+00	-9.30E+01	-1.50E-01	4.88E-03	1.52E-03
3.94E+00	-9.30E+01	1.10E-01	-1.22E-02	4.91E-03
3.96E+00	-9.30E+01	2.63E-01	-2.32E-02	4.91E-03
3.98E+00	-9.30E+01	-3.18E-01	-1.71E-02	-1.04E-02
4.00E+00	-9.30E+01	-5.81E-02	-4.88E-03	3.22E-03
4.02E+00	-9.30E+01	1.56E-01	0.00E+00	5.34E-03
4.04E+00	-9.30E+01	1.87E-01	-3.42E-02	-1.78E-04
4.06E+00	-9.30E+01	-2.75E-02	-1.46E-02	-6.96E-03
4.08E+00	-9.30E+01	-1.19E-01	-7.32E-03	-4.42E-03
4.10E+00	-9.30E+01	2.32E-01	-7.32E-03	1.00E-02
4.12E+00	-9.30E+01	9.48E-02	-2.20E-02	-5.27E-03
4.14E+00	-9.30E+01	4.89E-02	-1.83E-02	-5.27E-03
4.16E+00	-9.30E+01	6.45E-01	2.44E-03	3.22E-03
4.18E+00	-9.30E+01	5.53E-01	-4.64E-02	1.21E-02
4.20E+00	-9.30E+01	3.39E-01	-1.95E-02	4.06E-03
4.22E+00	-9.30E+01	2.78E-01	1.95E-02	7.46E-03
4.24E+00	-9.30E+01	7.06E-01	-4.15E-02	-5.27E-03
4.26E+00	-9.30E+01	2.02E-01	-2.81E-02	-1.78E-04
4.28E+00	-9.30E+01	8.90E-01	-4.15E-02	-1.50E-02
4.30E+00	-9.30E+01	1.35E+00	2.44E-03	1.59E-02
4.32E+00	-9.30E+01	1.94E+00	-4.88E-03	-1.87E-03
4.34E+00	-9.30E+01	4.74E+00	-1.71E-02	-2.31E-02
4.36E+00	-9.30E+01	1.17E+01	-2.44E-03	-1.33E-02

4.38E+00	-9.30E+01	2.16E+01	-8.54E-03	-2.72E-03
4.40E+00	-9.30E+01	3.06E+01	-2.44E-02	-1.76E-02
4.42E+00	-9.30E+01	4.10E+01	-1.71E-02	-1.84E-02
4.44E+00	-9.30E+01	5.39E+01	-1.22E-02	-6.12E-03
4.46E+00	-9.30E+01	6.86E+01	-1.95E-02	-2.90E-02
4.48E+00	-9.30E+01	8.28E+01	-1.34E-02	-3.45E-02
4.50E+00	-9.30E+01	9.74E+01	-1.10E-02	-2.82E-02
4.52E+00	-9.30E+01	1.14E+02	-4.39E-02	-3.75E-02
4.54E+00	-9.30E+01	1.32E+02	-1.95E-02	-5.19E-02
4.56E+00	-9.30E+01	1.50E+02	-7.32E-03	-4.77E-02
4.58E+00	-9.30E+01	1.69E+02	-9.77E-03	-4.51E-02
4.60E+00	-9.30E+01	1.89E+02	-1.83E-02	-5.53E-02
4.62E+00	-9.30E+01	2.03E+02	-2.93E-02	-6.80E-02
4.64E+00	-9.30E+01	2.09E+02	0.00E+00	-7.14E-02
4.66E+00	-9.30E+01	2.08E+02	-1.34E-02	-6.30E-02
4.68E+00	-9.30E+01	2.06E+02	-2.93E-02	-7.74E-02
4.70E+00	-9.30E+01	2.09E+02	-2.44E-02	-8.84E-02
4.72E+00	-9.30E+01	2.11E+02	-6.10E-03	-8.63E-02
4.74E+00	-9.30E+01	2.11E+02	-4.88E-03	-8.33E-02
4.76E+00	-9.30E+01	2.11E+02	-3.05E-02	-9.31E-02
4.78E+00	-9.30E+01	2.11E+02	-1.95E-02	-1.08E-01
4.80E+00	-9.30E+01	2.12E+02	2.56E-02	-9.77E-02
4.82E+00	-9.30E+01	2.12E+02	3.66E-03	-1.15E-01
4.84E+00	-9.30E+01	2.12E+02	-3.42E-02	-1.07E-01
4.86E+00	-9.30E+01	2.13E+02	-5.86E-02	-1.18E-01
4.88E+00	-9.30E+01	2.13E+02	2.44E-02	-9.86E-02
4.90E+00	-9.30E+01	2.13E+02	1.22E-03	-1.30E-01
4.92E+00	-9.30E+01	2.13E+02	-1.83E-02	-1.32E-01
4.94E+00	-9.30E+01	2.14E+02	-1.10E-02	-1.42E-01
4.96E+00	-9.30E+01	2.14E+02	-4.88E-03	-1.40E-01
4.98E+00	-9.30E+01	2.15E+02	-3.05E-02	-1.47E-01
5.00E+00	-9.30E+01	2.15E+02	-1.83E-02	-1.58E-01
5.02E+00	-9.30E+01	2.15E+02	-8.54E-03	-1.66E-01
5.04E+00	-9.30E+01	2.15E+02	-2.44E-03	-1.53E-01
5.06E+00	-9.30E+01	2.15E+02	-2.93E-02	-1.73E-01
5.08E+00	-9.30E+01	2.16E+02	-1.46E-02	-1.81E-01
5.10E+00	-9.30E+01	2.16E+02	-2.44E-03	-1.85E-01
5.12E+00	-9.30E+01	2.16E+02	-1.22E-02	-1.80E-01
5.14E+00	-9.30E+01	2.16E+02	-2.56E-02	-2.01E-01
5.16E+00	-9.30E+01	2.16E+02	-8.54E-03	-2.04E-01
5.18E+00	-9.30E+01	2.16E+02	-7.32E-03	-2.05E-01
5.20E+00	-9.30E+01	2.16E+02	-3.91E-02	-2.15E-01
5.22E+00	-9.30E+01	2.15E+02	-1.95E-02	-2.31E-01
5.24E+00	-9.30E+01	2.14E+02	-9.77E-03	-2.33E-01
5.26E+00	-9.30E+01	2.14E+02	-1.22E-02	-2.28E-01
5.28E+00	-9.30E+01	2.13E+02	-3.17E-02	-2.48E-01
5.30E+00	-9.30E+01	2.13E+02	-2.20E-02	-2.55E-01

5.32E+00	-9.30E+01	2.12E+02	3.66E-03	-2.57E-01
5.34E+00	-9.30E+01	2.12E+02	2.08E-02	-2.39E-01
5.36E+00	-9.30E+01	2.11E+02	-2.56E-02	-2.56E-01
5.38E+00	-9.30E+01	2.10E+02	-5.13E-02	-2.84E-01
5.40E+00	-9.30E+01	2.10E+02	-1.95E-02	-2.79E-01
5.42E+00	-9.30E+01	2.08E+02	-1.22E-02	-2.93E-01
5.44E+00	-9.30E+01	2.08E+02	-2.20E-02	-2.98E-01
5.46E+00	-9.30E+01	2.08E+02	-1.10E-02	-3.09E-01
5.48E+00	-9.30E+01	2.07E+02	0.00E+00	-2.93E-01
5.50E+00	-9.30E+01	2.07E+02	-2.44E-02	-3.15E-01
5.52E+00	-9.30E+01	2.06E+02	-2.44E-02	-3.34E-01
5.54E+00	-9.30E+01	2.06E+02	9.77E-03	-3.34E-01
5.56E+00	-9.30E+01	2.06E+02	-1.59E-02	-3.27E-01
5.58E+00	-9.30E+01	2.05E+02	-2.20E-02	-3.40E-01
5.60E+00	-9.30E+01	2.04E+02	-1.71E-02	-3.57E-01
5.62E+00	-9.30E+01	2.04E+02	2.44E-03	-3.48E-01
5.64E+00	-9.30E+01	2.04E+02	-3.17E-02	-3.60E-01
5.66E+00	-9.30E+01	2.04E+02	-8.54E-03	-3.73E-01
5.68E+00	-9.30E+01	2.03E+02	-1.22E-02	-3.68E-01
5.70E+00	-9.30E+01	2.03E+02	-2.20E-02	-3.85E-01
5.72E+00	-9.30E+01	2.02E+02	-9.77E-03	-3.91E-01
5.74E+00	-9.30E+01	2.02E+02	-4.88E-03	-3.85E-01
5.76E+00	-9.30E+01	2.02E+02	-1.83E-02	-3.99E-01
5.78E+00	-9.30E+01	2.01E+02	-2.93E-02	-4.12E-01
5.80E+00	-9.30E+01	2.01E+02	0.00E+00	-4.19E-01
5.82E+00	-9.30E+01	2.01E+02	-9.77E-03	-4.00E-01
5.84E+00	-9.30E+01	2.00E+02	-1.59E-02	-4.29E-01
5.86E+00	-9.30E+01	2.00E+02	-2.69E-02	-4.38E-01
5.88E+00	-9.30E+01	2.00E+02	1.46E-02	-4.42E-01
5.90E+00	-9.30E+01	2.00E+02	-3.54E-02	-4.40E-01
5.92E+00	-9.30E+01	1.99E+02	-7.32E-03	-4.63E-01
5.94E+00	-9.30E+01	1.99E+02	-1.95E-02	-4.58E-01
5.96E+00	-9.30E+01	1.99E+02	-9.77E-03	-4.63E-01
5.98E+00	-9.30E+01	1.98E+02	-3.91E-02	-4.89E-01
6.00E+00	-9.30E+01	1.98E+02	-2.44E-03	-4.81E-01
6.02E+00	-9.30E+01	1.98E+02	-1.71E-02	-4.82E-01
6.04E+00	-9.30E+01	1.98E+02	-2.69E-02	-4.91E-01
6.06E+00	-9.30E+01	1.97E+02	-1.10E-02	-5.13E-01
6.08E+00	-9.30E+01	1.97E+02	-9.77E-03	-5.08E-01
6.10E+00	-9.30E+01	1.98E+02	-1.71E-02	-5.09E-01
6.12E+00	-9.30E+01	1.97E+02	-3.78E-02	-5.29E-01
6.14E+00	-9.30E+01	1.97E+02	6.10E-03	-5.30E-01
6.16E+00	-9.30E+01	1.97E+02	-1.71E-02	-5.29E-01
6.18E+00	-9.30E+01	1.97E+02	-2.20E-02	-5.48E-01
6.20E+00	-9.30E+01	1.97E+02	-1.95E-02	-5.60E-01
6.22E+00	-9.30E+01	1.97E+02	-2.44E-03	-5.53E-01
6.24E+00	-9.30E+01	1.97E+02	-1.71E-02	-5.58E-01

6.26E+00	-9.30E+01	1.96E+02	-2.20E-02	-5.81E-01
6.28E+00	-9.30E+01	1.96E+02	-1.34E-02	-5.97E-01
6.30E+00	-9.30E+01	1.96E+02	2.20E-02	-5.69E-01
6.32E+00	-9.30E+01	1.96E+02	-6.10E-03	-5.97E-01
6.34E+00	-9.30E+01	1.96E+02	-1.71E-02	-6.03E-01
6.36E+00	-9.30E+01	1.96E+02	-1.71E-02	-6.13E-01
6.38E+00	-9.30E+01	1.96E+02	-1.59E-02	-6.10E-01
6.40E+00	-9.30E+01	1.96E+02	-2.08E-02	-6.17E-01
6.42E+00	-9.30E+01	1.95E+02	-3.17E-02	-6.37E-01
6.44E+00	-9.30E+01	1.95E+02	-1.46E-02	-6.25E-01
6.46E+00	-9.30E+01	1.95E+02	-4.88E-03	-6.31E-01
6.48E+00	-9.30E+01	1.95E+02	-3.91E-02	-6.46E-01
6.50E+00	-9.30E+01	1.95E+02	-1.46E-02	-6.61E-01
6.52E+00	-9.30E+01	1.95E+02	-1.10E-02	-6.57E-01
6.54E+00	-9.30E+01	1.95E+02	-1.71E-02	-6.58E-01
6.56E+00	-9.30E+01	1.95E+02	-3.42E-02	-6.80E-01
6.58E+00	-9.30E+01	1.95E+02	-1.22E-03	-6.81E-01
6.60E+00	-9.30E+01	1.94E+02	0.00E+00	-6.80E-01
6.62E+00	-9.30E+01	1.94E+02	-2.44E-02	-6.90E-01
6.64E+00	-9.30E+01	1.94E+02	6.10E-03	-7.08E-01
6.66E+00	-9.30E+01	1.94E+02	-1.22E-03	-7.08E-01
6.68E+00	-9.30E+01	1.94E+02	-1.71E-02	-7.12E-01
6.70E+00	-9.30E+01	1.94E+02	-2.44E-02	-7.33E-01
6.72E+00	-9.30E+01	1.94E+02	4.88E-03	-7.15E-01
6.74E+00	-9.30E+01	1.94E+02	-3.30E-02	-7.30E-01
6.76E+00	-9.30E+01	1.93E+02	-2.81E-02	-7.48E-01
6.78E+00	-9.30E+01	1.93E+02	-1.34E-02	-7.42E-01
6.80E+00	-9.30E+01	1.93E+02	-1.59E-02	-7.54E-01
6.82E+00	-9.30E+01	1.93E+02	-4.64E-02	-7.68E-01
6.84E+00	-9.30E+01	1.93E+02	0.00E+00	-7.66E-01
6.86E+00	-9.30E+01	1.93E+02	-1.46E-02	-7.67E-01
6.88E+00	-9.30E+01	1.93E+02	-2.44E-02	-7.82E-01
6.90E+00	-9.30E+01	1.93E+02	-1.34E-02	-7.91E-01
6.92E+00	-9.30E+01	1.93E+02	-2.44E-03	-7.89E-01
6.94E+00	-9.30E+01	1.93E+02	-2.93E-02	-7.99E-01
6.96E+00	-9.30E+01	1.92E+02	-2.93E-02	-8.10E-01
6.98E+00	-9.30E+01	1.92E+02	1.34E-02	-8.15E-01
7.00E+00	-9.30E+01	1.93E+02	-2.44E-03	-8.14E-01
7.02E+00	-9.30E+01	1.92E+02	-7.32E-03	-8.34E-01
7.04E+00	-9.30E+01	1.92E+02	-1.71E-02	-8.40E-01
7.06E+00	-9.30E+01	1.92E+02	-7.32E-03	-8.38E-01
7.08E+00	-9.30E+01	1.92E+02	-3.78E-02	-8.47E-01
7.10E+00	-9.30E+01	1.92E+02	-1.22E-03	-8.63E-01
7.12E+00	-9.30E+01	1.92E+02	-2.44E-03	-8.57E-01
7.14E+00	-9.30E+01	1.92E+02	-1.95E-02	-8.69E-01
7.16E+00	-9.30E+01	1.92E+02	-2.44E-02	-8.82E-01
7.18E+00	-9.30E+01	1.92E+02	-2.44E-03	-8.81E-01

7.20E+00	-9.30E+01	1.92E+02	-3.30E-02	-8.84E-01
7.22E+00	-9.30E+01	1.91E+02	-2.44E-02	-9.04E-01
7.24E+00	-9.30E+01	1.91E+02	-1.10E-02	-9.00E-01
7.26E+00	-9.30E+01	1.91E+02	-1.22E-02	-9.04E-01
7.28E+00	-9.30E+01	1.91E+02	-3.66E-02	-9.17E-01
7.30E+00	-9.30E+01	1.91E+02	-7.32E-03	-9.41E-01
7.32E+00	-9.30E+01	1.92E+02	8.54E-03	-9.25E-01
7.34E+00	-9.30E+01	1.91E+02	-2.93E-02	-9.33E-01
7.36E+00	-9.30E+01	1.91E+02	-2.69E-02	-9.56E-01
7.38E+00	-9.30E+01	1.91E+02	-9.77E-03	-9.45E-01
7.40E+00	-9.30E+01	1.91E+02	-2.44E-03	-9.55E-01
7.42E+00	-9.30E+01	1.91E+02	-3.91E-02	-9.67E-01
7.44E+00	-9.30E+01	1.91E+02	-3.66E-03	-9.75E-01
7.46E+00	-9.30E+01	1.91E+02	-2.44E-03	-9.64E-01
7.48E+00	-9.30E+01	1.91E+02	-2.93E-02	-9.84E-01
7.50E+00	-9.30E+01	1.91E+02	-2.56E-02	-1.00E+00
7.52E+00	-9.30E+01	1.91E+02	-2.44E-03	-9.96E-01
7.54E+00	-9.30E+01	1.92E+02	-1.95E-02	-9.97E-01
7.56E+00	-9.30E+01	1.92E+02	-3.17E-02	-1.01E+00
7.58E+00	-9.30E+01	1.92E+02	-1.95E-02	-1.03E+00
7.60E+00	-9.30E+01	1.92E+02	-6.10E-03	-1.01E+00
7.62E+00	-9.30E+01	1.92E+02	-2.44E-02	-1.03E+00
7.64E+00	-9.30E+01	1.92E+02	-2.93E-02	-1.05E+00
7.66E+00	-9.30E+01	1.92E+02	3.17E-02	-1.03E+00
7.68E+00	-9.30E+01	1.92E+02	-1.83E-02	-1.04E+00
7.70E+00	-9.30E+01	1.92E+02	-2.32E-02	-1.06E+00
7.72E+00	-9.30E+01	1.92E+02	3.66E-03	-1.06E+00
7.74E+00	-9.30E+01	1.92E+02	-2.44E-03	-1.07E+00
7.76E+00	-9.30E+01	1.92E+02	-3.30E-02	-1.08E+00
7.78E+00	-9.30E+01	1.92E+02	-2.56E-02	-1.10E+00
7.80E+00	-9.30E+01	1.92E+02	-4.88E-03	-1.10E+00
7.82E+00	-9.30E+01	1.93E+02	-1.46E-02	-1.09E+00
7.84E+00	-9.30E+01	1.92E+02	-2.69E-02	-1.12E+00
7.86E+00	-9.30E+01	1.92E+02	-2.20E-02	-1.12E+00
7.88E+00	-9.30E+01	1.93E+02	-2.44E-03	-1.12E+00
7.90E+00	-9.30E+01	1.93E+02	-1.22E-02	-1.14E+00
7.92E+00	-9.30E+01	1.93E+02	-2.81E-02	-1.13E+00
7.94E+00	-9.30E+01	1.93E+02	-4.03E-02	-1.15E+00
7.96E+00	-9.30E+01	1.93E+02	1.22E-02	-1.13E+00
7.98E+00	-9.30E+01	1.93E+02	-1.71E-02	-1.16E+00
8.00E+00	-9.30E+01	1.93E+02	-3.78E-02	-1.17E+00
8.02E+00	-9.30E+01	1.93E+02	2.44E-03	-1.18E+00
8.04E+00	-9.30E+01	1.93E+02	-2.44E-02	-1.17E+00
8.06E+00	-9.30E+01	1.93E+02	-2.69E-02	-1.19E+00
8.08E+00	-9.30E+01	1.93E+02	-7.32E-03	-1.18E+00
8.10E+00	-9.30E+01	1.94E+02	-1.46E-02	-1.19E+00
8.12E+00	-9.30E+01	1.94E+02	-3.91E-02	-1.20E+00

8.14E+00	-9.30E+01	1.94E+02	-1.46E-02	-1.22E+00
8.16E+00	-9.30E+01	1.94E+02	-1.10E-02	-1.22E+00
8.18E+00	-9.30E+01	1.94E+02	-1.46E-02	-1.22E+00
8.20E+00	-9.30E+01	1.94E+02	-2.69E-02	-1.24E+00
8.22E+00	-9.30E+01	1.94E+02	2.44E-03	-1.24E+00
8.24E+00	-9.30E+01	1.94E+02	-5.25E-02	-1.24E+00
8.26E+00	-9.30E+01	1.94E+02	-2.20E-02	-1.27E+00
8.28E+00	-9.30E+01	1.94E+02	-2.20E-02	-1.27E+00
8.30E+00	-9.30E+01	1.95E+02	-2.69E-02	-1.26E+00
8.32E+00	-9.30E+01	1.94E+02	-3.17E-02	-1.28E+00
8.34E+00	-9.30E+01	1.95E+02	-1.95E-02	-1.28E+00
8.36E+00	-9.30E+01	1.95E+02	-2.32E-02	-1.29E+00
8.38E+00	-9.30E+01	1.95E+02	-2.93E-02	-1.29E+00
8.40E+00	-9.30E+01	1.95E+02	-1.71E-02	-1.31E+00
8.42E+00	-9.30E+01	1.96E+02	-4.88E-03	-1.30E+00
8.44E+00	-9.30E+01	1.95E+02	-2.69E-02	-1.31E+00
8.46E+00	-9.30E+01	1.96E+02	-3.78E-02	-1.33E+00
8.48E+00	-9.30E+01	1.96E+02	0.00E+00	-1.34E+00
8.50E+00	-9.30E+01	1.96E+02	2.44E-02	-1.33E+00
8.52E+00	-9.30E+01	1.96E+02	-1.59E-02	-1.35E+00
8.54E+00	-9.30E+01	1.96E+02	-3.91E-02	-1.36E+00
8.56E+00	-9.30E+01	1.96E+02	-8.54E-03	-1.34E+00
8.58E+00	-9.30E+01	1.96E+02	-4.39E-02	-1.36E+00
8.60E+00	-9.30E+01	1.96E+02	-4.88E-03	-1.37E+00
8.62E+00	-9.30E+01	1.96E+02	-1.95E-02	-1.37E+00
8.64E+00	-9.30E+01	1.96E+02	-2.69E-02	-1.39E+00
8.66E+00	-9.30E+01	1.96E+02	-2.44E-03	-1.39E+00
8.68E+00	-9.30E+01	1.96E+02	-7.32E-03	-1.39E+00
8.70E+00	-9.30E+01	1.96E+02	-3.78E-02	-1.40E+00
8.72E+00	-9.30E+01	1.96E+02	-9.77E-03	-1.41E+00
8.74E+00	-9.30E+01	1.96E+02	-3.66E-02	-1.39E+00
8.76E+00	-9.30E+01	1.96E+02	-2.56E-02	-1.44E+00
8.78E+00	-9.30E+01	1.96E+02	-2.93E-02	-1.43E+00
8.80E+00	-9.30E+01	1.96E+02	-7.32E-03	-1.44E+00
8.82E+00	-9.30E+01	1.96E+02	-9.77E-03	-1.44E+00
8.84E+00	-9.30E+01	1.96E+02	-1.71E-02	-1.45E+00
8.86E+00	-9.30E+01	1.96E+02	-1.34E-02	-1.46E+00
8.88E+00	-9.30E+01	1.96E+02	-7.32E-03	-1.45E+00
8.90E+00	-9.30E+01	1.96E+02	-2.81E-02	-1.47E+00
8.92E+00	-9.30E+01	1.96E+02	-2.44E-02	-1.48E+00
8.94E+00	-9.30E+01	1.96E+02	7.32E-03	-1.48E+00
8.96E+00	-9.30E+01	1.97E+02	-2.44E-02	-1.48E+00
8.98E+00	-9.30E+01	1.97E+02	-2.56E-02	-1.50E+00
9.00E+00	-9.30E+01	1.96E+02	-3.42E-02	-1.51E+00
9.02E+00	-9.30E+01	1.96E+02	-1.34E-02	-1.51E+00
9.04E+00	-9.30E+01	1.96E+02	-5.25E-02	-1.52E+00
9.06E+00	-9.30E+01	1.96E+02	-1.34E-02	-1.53E+00

9.08E+00	-9.30E+01	1.96E+02	2.44E-03	-1.53E+00
9.10E+00	-9.30E+01	1.96E+02	-2.20E-02	-1.53E+00
9.12E+00	-9.30E+01	1.96E+02	-3.78E-02	-1.56E+00
9.14E+00	-9.30E+01	1.96E+02	-9.77E-03	-1.56E+00
9.16E+00	-9.30E+01	1.96E+02	-1.71E-02	-1.56E+00
9.18E+00	-9.30E+01	1.96E+02	-3.17E-02	-1.57E+00
9.20E+00	-9.30E+01	1.96E+02	3.66E-03	-1.58E+00
9.22E+00	-9.30E+01	1.96E+02	-9.77E-03	-1.57E+00
9.24E+00	-9.30E+01	1.97E+02	4.88E-03	-1.59E+00
9.26E+00	-9.30E+01	1.96E+02	-2.69E-02	-1.60E+00
9.28E+00	-9.30E+01	1.96E+02	-2.32E-02	-1.59E+00
9.30E+00	-9.30E+01	1.96E+02	-1.59E-02	-1.61E+00
9.32E+00	-9.30E+01	1.96E+02	-1.95E-02	-1.63E+00
9.34E+00	-9.30E+01	1.96E+02	8.54E-03	-1.61E+00
9.36E+00	-9.30E+01	1.96E+02	-2.32E-02	-1.63E+00
9.38E+00	-9.30E+01	1.96E+02	-2.08E-02	-1.64E+00
9.40E+00	-9.30E+01	1.96E+02	-2.44E-03	-1.64E+00
9.42E+00	-9.30E+01	1.96E+02	-2.44E-02	-1.65E+00
9.44E+00	-9.30E+01	1.96E+02	-1.95E-02	-1.66E+00
9.46E+00	-9.30E+01	1.96E+02	-9.77E-03	-1.66E+00
9.48E+00	-9.30E+01	1.96E+02	-1.46E-02	-1.66E+00
9.50E+00	-9.30E+01	1.96E+02	-3.42E-02	-1.69E+00
9.52E+00	-9.30E+01	1.96E+02	-4.88E-03	-1.69E+00
9.54E+00	-9.30E+01	1.96E+02	-1.46E-02	-1.69E+00
9.56E+00	-9.30E+01	1.96E+02	-4.15E-02	-1.70E+00
9.58E+00	-9.30E+01	1.96E+02	-2.20E-02	-1.72E+00
9.60E+00	-9.30E+01	1.96E+02	-9.77E-03	-1.70E+00
9.62E+00	-9.30E+01	1.97E+02	-2.44E-02	-1.72E+00
9.64E+00	-9.30E+01	1.96E+02	-2.56E-02	-1.73E+00
9.66E+00	-9.30E+01	1.96E+02	7.32E-03	-1.73E+00
9.68E+00	-9.30E+01	1.96E+02	-2.93E-02	-1.74E+00
9.70E+00	-9.30E+01	1.96E+02	-1.95E-02	-1.77E+00
9.72E+00	-9.30E+01	1.96E+02	2.44E-02	-1.75E+00
9.74E+00	-9.30E+01	1.96E+02	-1.22E-02	-1.77E+00
9.76E+00	-9.30E+01	1.96E+02	-4.64E-02	-1.77E+00
9.78E+00	-9.30E+01	1.96E+02	-3.66E-03	-1.78E+00
9.80E+00	-9.30E+01	1.96E+02	-1.71E-02	-1.77E+00
9.82E+00	-9.30E+01	1.96E+02	-3.05E-02	-1.79E+00
9.84E+00	-9.30E+01	1.96E+02	-7.32E-03	-1.80E+00
9.86E+00	-9.30E+01	1.96E+02	-8.54E-03	-1.79E+00
9.88E+00	-9.30E+01	1.96E+02	-3.17E-02	-1.81E+00
9.90E+00	-9.30E+01	1.96E+02	2.44E-03	-1.82E+00
9.92E+00	-9.30E+01	1.96E+02	-2.20E-02	-1.81E+00
9.94E+00	-9.30E+01	1.96E+02	-3.17E-02	-1.83E+00
9.96E+00	-9.30E+01	1.96E+02	1.10E-02	-1.82E+00
9.98E+00	-9.30E+01	1.96E+02	0.00E+00	-1.83E+00
1.00E+01	-9.30E+01	1.96E+02	-2.69E-02	-1.85E+00

1.00E+01	-9.30E+01	1.96E+02	-2.20E-02	-1.86E+00
1.00E+01	-9.30E+01	1.96E+02	0.00E+00	-1.85E+00
1.01E+01	-9.30E+01	1.96E+02	-3.78E-02	-1.87E+00
1.01E+01	-9.30E+01	1.96E+02	-2.69E-02	-1.89E+00
1.01E+01	-9.30E+01	1.96E+02	-3.66E-03	-1.88E+00
1.01E+01	-9.30E+01	1.96E+02	-1.71E-02	-1.89E+00
1.01E+01	-9.30E+01	1.96E+02	-2.20E-02	-1.90E+00
1.02E+01	-9.30E+01	1.96E+02	-4.88E-03	-1.90E+00
1.02E+01	-9.30E+01	1.96E+02	-2.20E-02	-1.89E+00
1.02E+01	-9.30E+01	1.96E+02	-4.39E-02	-1.94E+00
1.02E+01	-9.30E+01	1.96E+02	-2.44E-02	-1.93E+00
1.02E+01	-9.30E+01	1.96E+02	-2.93E-02	-1.93E+00
1.03E+01	-9.30E+01	1.96E+02	-2.69E-02	-1.95E+00
1.03E+01	-9.30E+01	1.96E+02	-1.22E-02	-1.95E+00
1.03E+01	-9.30E+01	1.96E+02	-1.34E-02	-1.95E+00
1.03E+01	-9.30E+01	1.95E+02	-3.17E-02	-1.97E+00
1.03E+01	-9.30E+01	1.95E+02	-1.59E-02	-1.97E+00
1.04E+01	-9.30E+01	1.95E+02	-2.44E-03	-1.97E+00
1.04E+01	-9.30E+01	1.96E+02	-2.93E-02	-1.98E+00
1.04E+01	-9.30E+01	1.95E+02	-1.95E-02	-1.99E+00
1.04E+01	-9.30E+01	1.96E+02	-2.20E-02	-1.98E+00
1.04E+01	-9.30E+01	1.95E+02	-2.20E-02	-2.00E+00
1.05E+01	-9.30E+01	1.95E+02	-1.71E-02	-2.02E+00
1.05E+01	-9.30E+01	1.95E+02	-1.22E-03	-2.01E+00
1.05E+01	-9.30E+01	1.95E+02	-4.64E-02	-2.02E+00
1.05E+01	-9.30E+01	1.95E+02	-1.95E-02	-2.04E+00
1.05E+01	-9.30E+01	1.95E+02	-7.32E-03	-2.03E+00
1.06E+01	-9.30E+01	1.95E+02	-2.44E-02	-2.04E+00
1.06E+01	-9.30E+01	1.95E+02	-3.17E-02	-2.05E+00
1.06E+01	-9.30E+01	1.95E+02	3.42E-02	-2.06E+00
1.06E+01	-9.30E+01	1.95E+02	-7.32E-03	-2.05E+00
1.06E+01	-9.30E+01	1.95E+02	-9.77E-03	-2.08E+00
1.07E+01	-9.30E+01	1.95E+02	-4.88E-03	-2.09E+00
1.07E+01	-9.30E+01	1.95E+02	0.00E+00	-2.07E+00
1.07E+01	-9.30E+01	1.95E+02	-2.20E-02	-2.09E+00
1.07E+01	-9.30E+01	1.95E+02	-2.93E-02	-2.10E+00
1.07E+01	-9.30E+01	1.95E+02	0.00E+00	-2.11E+00
1.08E+01	-9.30E+01	1.95E+02	-7.32E-03	-2.10E+00
1.08E+01	-9.30E+01	1.95E+02	-3.17E-02	-2.13E+00
1.08E+01	-9.30E+01	1.95E+02	-1.22E-02	-2.13E+00
1.08E+01	-9.30E+01	1.96E+02	-1.59E-02	-2.13E+00
1.08E+01	-9.30E+01	1.96E+02	-5.00E-02	-2.13E+00
1.09E+01	-9.30E+01	1.95E+02	2.44E-03	-2.15E+00
1.09E+01	-9.30E+01	1.96E+02	-1.22E-02	-2.14E+00
1.09E+01	-9.30E+01	1.96E+02	-3.17E-02	-2.17E+00
1.09E+01	-9.30E+01	1.96E+02	-7.32E-03	-2.16E+00
1.09E+01	-9.30E+01	1.96E+02	-2.08E-02	-2.17E+00

1.10E+01	-9.30E+01	1.96E+02	-2.20E-02	-2.18E+00
1.10E+01	-9.30E+01	1.97E+02	4.88E-03	-2.18E+00
1.10E+01	-9.30E+01	1.97E+02	-2.20E-02	-2.19E+00
1.10E+01	-9.30E+01	1.97E+02	-2.44E-02	-2.21E+00
1.10E+01	-9.30E+01	1.97E+02	-2.44E-03	-2.20E+00
1.11E+01	-9.30E+01	1.97E+02	-2.44E-03	-2.23E+00
1.11E+01	-9.30E+01	1.97E+02	-1.22E-02	-2.23E+00
1.11E+01	-9.30E+01	1.98E+02	1.71E-02	-2.23E+00
1.11E+01	-9.30E+01	1.98E+02	-2.20E-02	-2.23E+00
1.11E+01	-9.30E+01	1.98E+02	-2.93E-02	-2.24E+00
1.12E+01	-9.30E+01	1.98E+02	-2.20E-02	-2.25E+00
1.12E+01	-9.30E+01	1.99E+02	-6.10E-03	-2.25E+00
1.12E+01	-9.30E+01	1.99E+02	-3.91E-02	-2.26E+00
1.12E+01	-9.30E+01	1.99E+02	-9.77E-03	-2.27E+00
1.12E+01	-9.30E+01	1.99E+02	-4.88E-03	-2.27E+00
1.13E+01	-9.30E+01	2.00E+02	-2.20E-02	-2.28E+00
1.13E+01	-9.30E+01	1.99E+02	-4.64E-02	-2.28E+00
1.13E+01	-9.30E+01	2.00E+02	3.66E-03	-2.30E+00
1.13E+01	-9.30E+01	2.00E+02	-3.54E-02	-2.31E+00
1.13E+01	-9.30E+01	2.00E+02	-1.22E-02	-2.32E+00
1.14E+01	-9.30E+01	2.00E+02	-4.88E-03	-2.32E+00
1.14E+01	-9.30E+01	2.01E+02	-1.46E-02	-2.32E+00
1.14E+01	-9.30E+01	2.01E+02	-2.69E-02	-2.34E+00
1.14E+01	-9.30E+01	2.01E+02	4.88E-03	-2.33E+00
1.14E+01	-9.30E+01	2.01E+02	-3.66E-02	-2.34E+00
1.15E+01	-9.30E+01	2.01E+02	-2.20E-02	-2.36E+00
1.15E+01	-9.30E+01	2.01E+02	-7.32E-03	-2.36E+00
1.15E+01	-9.30E+01	2.02E+02	-1.46E-02	-2.36E+00
1.15E+01	-9.30E+01	2.02E+02	-2.93E-02	-2.39E+00
1.15E+01	-9.30E+01	2.02E+02	-2.20E-02	-2.38E+00
1.16E+01	-9.30E+01	2.02E+02	1.10E-02	-2.38E+00
1.16E+01	-9.30E+01	2.03E+02	-3.78E-02	-2.38E+00
1.16E+01	-9.30E+01	2.02E+02	0.00E+00	-2.41E+00
1.16E+01	-9.30E+01	2.03E+02	-4.88E-03	-2.40E+00
1.16E+01	-9.30E+01	2.03E+02	-1.95E-02	-2.41E+00
1.17E+01	-9.30E+01	2.03E+02	-2.69E-02	-2.43E+00
1.17E+01	-9.30E+01	2.03E+02	2.44E-03	-2.43E+00
1.17E+01	-9.30E+01	2.04E+02	-2.44E-02	-2.43E+00
1.17E+01	-9.30E+01	2.03E+02	-3.91E-02	-2.45E+00
1.17E+01	-9.30E+01	2.03E+02	-7.32E-03	-2.44E+00
1.18E+01	-9.30E+01	2.04E+02	1.22E-02	-2.44E+00
1.18E+01	-9.30E+01	2.04E+02	-2.69E-02	-2.47E+00
1.18E+01	-9.30E+01	2.04E+02	1.22E-03	-2.48E+00
1.18E+01	-9.30E+01	2.04E+02	-9.77E-03	-2.47E+00
1.18E+01	-9.30E+01	2.04E+02	-2.44E-02	-2.49E+00
1.19E+01	-9.30E+01	2.04E+02	-8.54E-03	-2.49E+00
1.19E+01	-9.30E+01	2.04E+02	-2.44E-03	-2.49E+00

1.19E+01	-9.30E+01	2.04E+02	-2.93E-02	-2.52E+00
1.19E+01	-9.30E+01	2.04E+02	-6.47E-02	-2.51E+00
1.19E+01	-9.30E+01	2.04E+02	-1.10E-02	-2.53E+00
1.20E+01	-9.30E+01	2.04E+02	-1.34E-02	-2.52E+00
1.20E+01	-9.30E+01	2.04E+02	-3.91E-02	-2.54E+00
1.20E+01	-9.30E+01	2.04E+02	-2.20E-02	-2.54E+00
1.20E+01	-9.30E+01	2.04E+02	-9.77E-03	-2.54E+00
1.20E+01	-9.30E+01	2.05E+02	-3.42E-02	-2.55E+00
1.21E+01	-9.30E+01	2.04E+02	-1.22E-02	-2.57E+00
1.21E+01	-9.30E+01	2.04E+02	2.44E-03	-2.56E+00
1.21E+01	-9.30E+01	2.05E+02	-1.95E-02	-2.57E+00
1.21E+01	-9.30E+01	2.04E+02	-3.30E-02	-2.57E+00
1.21E+01	-9.30E+01	2.04E+02	3.17E-02	-2.58E+00
1.22E+01	-9.30E+01	2.05E+02	-1.22E-02	-2.58E+00
1.22E+01	-9.30E+01	2.04E+02	-2.93E-02	-2.61E+00
1.22E+01	-9.30E+01	2.04E+02	-3.42E-02	-2.62E+00
1.22E+01	-9.30E+01	2.04E+02	-9.77E-03	-2.60E+00
1.22E+01	-9.30E+01	2.04E+02	-2.44E-02	-2.62E+00
1.23E+01	-9.30E+01	2.04E+02	-1.59E-02	-2.63E+00
1.23E+01	-9.30E+01	2.04E+02	-3.66E-03	-2.63E+00
1.23E+01	-9.30E+01	2.04E+02	-2.20E-02	-2.63E+00
1.23E+01	-9.30E+01	2.04E+02	-4.52E-02	-2.65E+00
1.23E+01	-9.30E+01	2.04E+02	-6.10E-03	-2.65E+00
1.24E+01	-9.30E+01	2.04E+02	-1.95E-02	-2.67E+00
1.24E+01	-9.30E+01	2.04E+02	-4.03E-02	-2.67E+00
1.24E+01	-9.30E+01	2.04E+02	-7.32E-03	-2.68E+00
1.24E+01	-9.30E+01	2.04E+02	-4.88E-03	-2.67E+00
1.24E+01	-9.30E+01	2.04E+02	-1.95E-02	-2.69E+00
1.25E+01	-9.30E+01	2.03E+02	-2.69E-02	-2.71E+00
1.25E+01	-9.30E+01	2.03E+02	-1.22E-03	-2.70E+00
1.25E+01	-9.30E+01	2.03E+02	-3.30E-02	-2.71E+00
1.25E+01	-9.30E+01	2.03E+02	-9.77E-03	-2.73E+00
1.25E+01	-9.30E+01	2.03E+02	-3.05E-02	-2.72E+00
1.26E+01	-9.30E+01	2.03E+02	-3.66E-02	-2.74E+00
1.26E+01	-9.30E+01	2.03E+02	-3.30E-02	-2.75E+00
1.26E+01	-9.30E+01	2.03E+02	7.32E-03	-2.74E+00
1.26E+01	-9.30E+01	2.02E+02	-1.95E-02	-2.74E+00
1.26E+01	-9.30E+01	2.03E+02	-4.64E-02	-2.76E+00
1.27E+01	-9.30E+01	2.02E+02	-9.77E-03	-2.77E+00
1.27E+01	-9.30E+01	2.03E+02	-8.54E-03	-2.76E+00
1.27E+01	-9.30E+01	2.03E+02	-2.20E-02	-2.78E+00
1.27E+01	-9.30E+01	2.02E+02	-2.20E-02	-2.79E+00
1.27E+01	-9.30E+01	2.02E+02	-1.22E-02	-2.79E+00
1.28E+01	-9.30E+01	2.02E+02	-4.52E-02	-2.80E+00
1.28E+01	-9.30E+01	2.02E+02	-2.20E-02	-2.81E+00
1.28E+01	-9.30E+01	2.02E+02	-1.71E-02	-2.82E+00
1.28E+01	-9.30E+01	2.02E+02	-9.77E-03	-2.82E+00

1.28E+01	-9.30E+01	2.02E+02	-2.20E-02	-2.83E+00
1.29E+01	-9.30E+01	2.02E+02	-3.30E-02	-2.84E+00
1.29E+01	-9.30E+01	2.01E+02	-1.22E-02	-2.85E+00
1.29E+01	-9.30E+01	2.02E+02	-1.22E-02	-2.84E+00
1.29E+01	-9.30E+01	2.01E+02	-3.66E-02	-2.86E+00
1.29E+01	-9.30E+01	2.01E+02	-1.46E-02	-2.88E+00
1.30E+01	-9.30E+01	2.02E+02	-9.77E-03	-2.86E+00
1.30E+01	-9.30E+01	2.01E+02	-3.42E-02	-2.88E+00
1.30E+01	-9.30E+01	2.02E+02	-1.22E-02	-2.89E+00
1.30E+01	-9.30E+01	2.01E+02	3.66E-03	-2.88E+00
1.30E+01	-9.30E+01	2.01E+02	-2.69E-02	-2.90E+00
1.31E+01	-9.30E+01	2.02E+02	-2.08E-02	-2.91E+00
1.31E+01	-9.30E+01	2.01E+02	2.44E-03	-2.91E+00
1.31E+01	-9.30E+01	2.02E+02	-2.44E-02	-2.91E+00
1.31E+01	-9.30E+01	2.02E+02	-5.37E-02	-2.93E+00
1.31E+01	-9.30E+01	2.01E+02	-1.71E-02	-2.92E+00
1.32E+01	-9.30E+01	2.02E+02	-2.56E-02	-2.93E+00
1.32E+01	-9.30E+01	2.01E+02	-1.95E-02	-2.95E+00
1.32E+01	-9.30E+01	2.01E+02	-1.10E-02	-2.96E+00
1.32E+01	-9.30E+01	2.02E+02	-1.71E-02	-2.95E+00
1.32E+01	-9.30E+01	2.02E+02	-3.05E-02	-2.97E+00
1.33E+01	-9.30E+01	2.01E+02	-9.77E-03	-2.98E+00
1.33E+01	-9.30E+01	2.02E+02	-1.59E-02	-2.97E+00
1.33E+01	-9.30E+01	2.02E+02	-9.77E-03	-2.99E+00
1.33E+01	-9.30E+01	2.02E+02	8.54E-03	-2.98E+00
1.33E+01	-9.30E+01	2.01E+02	-3.42E-02	-3.00E+00
1.34E+01	-9.30E+01	2.01E+02	-3.66E-02	-3.02E+00
1.34E+01	-9.30E+01	2.01E+02	-1.22E-02	-3.03E+00
1.34E+01	-9.30E+01	2.02E+02	2.44E-03	-3.01E+00
1.34E+01	-9.30E+01	2.02E+02	-4.03E-02	-3.03E+00
1.34E+01	-9.30E+01	2.01E+02	-1.34E-02	-3.04E+00
1.35E+01	-9.30E+01	2.01E+02	-9.77E-03	-3.04E+00
1.35E+01	-9.30E+01	2.02E+02	-2.81E-02	-3.05E+00
1.35E+01	-9.30E+01	2.01E+02	-1.71E-02	-3.07E+00
1.35E+01	-9.30E+01	2.01E+02	2.69E-02	-3.06E+00
1.35E+01	-9.30E+01	2.02E+02	-2.44E-02	-3.08E+00
1.36E+01	-9.30E+01	2.02E+02	1.71E-02	-3.08E+00
1.36E+01	-9.30E+01	2.01E+02	2.44E-03	-3.08E+00
1.36E+01	-9.30E+01	2.02E+02	-2.93E-02	-3.09E+00
1.36E+01	-9.30E+01	2.01E+02	-7.32E-03	-3.11E+00
1.36E+01	-9.30E+01	2.01E+02	-2.44E-03	-3.10E+00
1.37E+01	-9.30E+01	2.02E+02	-9.77E-03	-3.11E+00
1.37E+01	-9.30E+01	2.02E+02	-3.91E-02	-3.12E+00
1.37E+01	-9.30E+01	2.01E+02	0.00E+00	-3.13E+00
1.37E+01	-9.30E+01	2.02E+02	-9.77E-03	-3.12E+00
1.37E+01	-9.30E+01	2.02E+02	-4.03E-02	-3.15E+00
1.38E+01	-9.30E+01	2.01E+02	-2.44E-02	-3.15E+00

1.38E+01	-9.30E+01	2.02E+02	4.88E-03	-3.14E+00
1.38E+01	-9.30E+01	2.01E+02	-2.32E-02	-3.16E+00
1.38E+01	-9.30E+01	2.01E+02	-2.44E-02	-3.17E+00
1.38E+01	-9.30E+01	2.01E+02	-2.32E-02	-3.17E+00
1.39E+01	-9.30E+01	2.01E+02	-2.32E-02	-3.18E+00
1.39E+01	-9.30E+01	2.01E+02	-3.42E-02	-3.20E+00
1.39E+01	-9.30E+01	2.01E+02	4.88E-03	-3.19E+00
1.39E+01	-9.30E+01	2.01E+02	-2.20E-02	-3.20E+00
1.39E+01	-9.30E+01	2.01E+02	-1.71E-02	-3.22E+00
1.40E+01	-9.30E+01	2.01E+02	-1.71E-02	-3.20E+00
1.40E+01	-9.30E+01	2.02E+02	-9.77E-03	-3.22E+00
1.40E+01	-9.30E+01	2.01E+02	-4.88E-02	-3.24E+00
1.40E+01	-9.30E+01	2.01E+02	-2.44E-03	-3.24E+00
1.40E+01	-9.30E+01	2.01E+02	-2.20E-02	-3.23E+00
1.41E+01	-9.30E+01	2.01E+02	-4.39E-02	-3.26E+00
1.41E+01	-9.30E+01	2.01E+02	-9.77E-03	-3.26E+00
1.41E+01	-9.30E+01	2.01E+02	-1.46E-02	-3.26E+00
1.41E+01	-9.30E+01	2.01E+02	-2.93E-02	-3.28E+00
1.41E+01	-9.30E+01	2.01E+02	-1.71E-02	-3.28E+00
1.42E+01	-9.30E+01	2.01E+02	2.44E-03	-3.28E+00
1.42E+01	-9.30E+01	2.01E+02	0.00E+00	-3.29E+00
1.42E+01	-9.30E+01	2.01E+02	-4.15E-02	-3.31E+00
1.42E+01	-9.30E+01	2.01E+02	-2.44E-03	-3.31E+00
1.42E+01	-9.30E+01	2.01E+02	-9.77E-03	-3.30E+00
1.43E+01	-9.30E+01	2.01E+02	-3.66E-02	-3.32E+00
1.43E+01	-9.30E+01	2.01E+02	-2.32E-02	-3.33E+00
1.43E+01	-9.30E+01	2.01E+02	2.44E-03	-3.33E+00
1.43E+01	-9.30E+01	2.01E+02	-2.20E-02	-3.34E+00
1.43E+01	-9.30E+01	2.00E+02	-1.95E-02	-3.36E+00
1.44E+01	-9.30E+01	2.00E+02	-2.44E-03	-3.35E+00
1.44E+01	-9.30E+01	2.00E+02	-3.42E-02	-3.36E+00
1.44E+01	-9.30E+01	2.00E+02	-3.17E-02	-3.38E+00
1.44E+01	-9.30E+01	2.00E+02	7.32E-03	-3.37E+00
1.44E+01	-9.30E+01	2.00E+02	-1.95E-02	-3.38E+00
1.45E+01	-9.30E+01	2.00E+02	-3.05E-02	-3.40E+00
1.45E+01	-9.30E+01	2.00E+02	0.00E+00	-3.40E+00
1.45E+01	-9.30E+01	2.00E+02	-1.95E-02	-3.41E+00
1.45E+01	-9.30E+01	2.00E+02	-2.93E-02	-3.42E+00
1.45E+01	-9.30E+01	2.00E+02	0.00E+00	-3.42E+00
1.46E+01	-9.30E+01	2.00E+02	-2.32E-02	-3.42E+00
1.46E+01	-9.30E+01	1.99E+02	-2.08E-02	-3.45E+00
1.46E+01	-9.30E+01	2.00E+02	3.17E-02	-3.43E+00
1.46E+01	-9.30E+01	2.00E+02	-5.37E-02	-3.45E+00
1.46E+01	-9.30E+01	2.00E+02	-8.54E-03	-3.46E+00
1.47E+01	-9.30E+01	1.99E+02	-1.22E-02	-3.46E+00
1.47E+01	-9.30E+01	2.00E+02	-1.95E-02	-3.47E+00
1.47E+01	-9.30E+01	2.00E+02	-1.71E-02	-3.49E+00

1.47E+01	-9.30E+01	2.00E+02	-9.77E-03	-3.48E+00
1.47E+01	-9.30E+01	2.00E+02	-2.44E-02	-3.49E+00
1.48E+01	-9.30E+01	1.99E+02	-3.17E-02	-3.50E+00
1.48E+01	-9.30E+01	1.99E+02	-1.46E-02	-3.50E+00
1.48E+01	-9.30E+01	2.00E+02	-1.46E-02	-3.49E+00
1.48E+01	-9.30E+01	1.99E+02	1.71E-02	-3.51E+00
1.48E+01	-9.30E+01	1.99E+02	-1.46E-02	-3.53E+00
1.49E+01	-9.30E+01	1.99E+02	0.00E+00	-3.53E+00
1.49E+01	-9.30E+01	1.99E+02	-2.44E-02	-3.53E+00
1.49E+01	-9.30E+01	1.99E+02	-2.20E-02	-3.55E+00
1.49E+01	-9.30E+01	1.99E+02	-1.22E-02	-3.55E+00
1.49E+01	-9.30E+01	1.99E+02	-2.32E-02	-3.55E+00
1.50E+01	-9.30E+01	1.99E+02	-3.42E-02	-3.57E+00
1.50E+01	-9.30E+01	1.99E+02	-7.32E-03	-3.57E+00
1.50E+01	-9.30E+01	1.99E+02	-9.77E-03	-3.55E+00
1.50E+01	-9.30E+01	1.99E+02	-3.05E-02	-3.59E+00
1.50E+01	-9.30E+01	1.99E+02	-9.77E-03	-3.60E+00
1.51E+01	-9.30E+01	1.99E+02	-1.34E-02	-3.59E+00
1.51E+01	-9.30E+01	1.99E+02	-9.77E-03	-3.60E+00
1.51E+01	-9.30E+01	1.99E+02	-3.91E-02	-3.62E+00
1.51E+01	-9.30E+01	1.99E+02	-4.88E-03	-3.63E+00
1.51E+01	-9.30E+01	1.99E+02	-8.54E-03	-3.62E+00
1.52E+01	-9.30E+01	1.99E+02	-2.20E-02	-3.63E+00
1.52E+01	-9.30E+01	1.99E+02	-3.17E-02	-3.65E+00
1.52E+01	-9.30E+01	1.98E+02	0.00E+00	-3.65E+00
1.52E+01	-9.30E+01	1.99E+02	-2.44E-02	-3.65E+00
1.52E+01	-9.30E+01	1.99E+02	-2.69E-02	-3.67E+00
1.53E+01	-9.30E+01	1.99E+02	-2.69E-02	-3.68E+00
1.53E+01	-9.30E+01	1.99E+02	-1.22E-02	-3.67E+00
1.53E+01	-9.30E+01	1.99E+02	-2.93E-02	-3.69E+00
1.53E+01	-9.30E+01	1.98E+02	-7.32E-03	-3.69E+00
1.53E+01	-9.30E+01	1.99E+02	-4.88E-03	-3.69E+00
1.54E+01	-9.30E+01	1.98E+02	-3.30E-02	-3.70E+00
1.54E+01	-9.30E+01	1.98E+02	-2.69E-02	-3.70E+00
1.54E+01	-9.30E+01	1.98E+02	-1.46E-02	-3.71E+00
1.54E+01	-9.30E+01	1.98E+02	-1.95E-02	-3.72E+00
1.54E+01	-9.30E+01	1.98E+02	-8.54E-03	-3.74E+00
1.55E+01	-9.30E+01	1.98E+02	-9.77E-03	-3.73E+00
1.55E+01	-9.30E+01	1.98E+02	-4.27E-02	-3.75E+00
1.55E+01	-9.30E+01	1.98E+02	-1.71E-02	-3.76E+00
1.55E+01	-9.30E+01	1.98E+02	-1.22E-02	-3.75E+00
1.55E+01	-9.30E+01	1.98E+02	-3.42E-02	-3.77E+00
1.56E+01	-9.30E+01	1.98E+02	-1.22E-03	-3.79E+00
1.56E+01	-9.30E+01	1.98E+02	7.32E-03	-3.77E+00
1.56E+01	-9.30E+01	1.98E+02	-2.32E-02	-3.79E+00
1.56E+01	-9.30E+01	1.98E+02	-2.69E-02	-3.80E+00
1.56E+01	-9.30E+01	1.98E+02	-7.32E-03	-3.79E+00

1.57E+01	-9.30E+01	1.98E+02	-3.66E-02	-3.81E+00
1.57E+01	-9.30E+01	1.97E+02	-1.22E-03	-3.82E+00
1.57E+01	-9.30E+01	1.98E+02	-1.34E-02	-3.81E+00
1.57E+01	-9.30E+01	1.98E+02	-3.17E-02	-3.83E+00
1.57E+01	-9.30E+01	1.98E+02	-9.77E-03	-3.84E+00
1.58E+01	-9.30E+01	1.98E+02	7.32E-03	-3.83E+00
1.58E+01	-9.30E+01	1.98E+02	-3.66E-02	-3.85E+00
1.58E+01	-9.30E+01	1.98E+02	4.88E-03	-3.85E+00
1.58E+01	-9.30E+01	1.98E+02	-9.77E-03	-3.85E+00
1.58E+01	-9.30E+01	1.98E+02	-2.20E-02	-3.87E+00
1.59E+01	-9.30E+01	1.97E+02	-1.34E-02	-3.88E+00
1.59E+01	-9.30E+01	1.98E+02	-7.32E-03	-3.87E+00
1.59E+01	-9.30E+01	1.97E+02	-3.05E-02	-3.89E+00
1.59E+01	-9.30E+01	1.97E+02	-1.34E-02	-3.88E+00
1.59E+01	-9.30E+01	1.97E+02	-3.42E-02	-3.90E+00
1.60E+01	-9.30E+01	1.97E+02	-4.03E-02	-3.91E+00
1.60E+01	-9.30E+01	1.97E+02	-2.08E-02	-3.91E+00
1.60E+01	-9.30E+01	1.98E+02	-2.20E-02	-3.92E+00
1.60E+01	-9.30E+01	1.97E+02	-3.17E-02	-3.94E+00
1.60E+01	-9.30E+01	1.97E+02	-2.44E-03	-3.94E+00
1.61E+01	-9.30E+01	1.97E+02	-1.71E-02	-3.94E+00
1.61E+01	-9.30E+01	1.98E+02	-2.44E-02	-3.96E+00
1.61E+01	-9.30E+01	1.98E+02	-1.10E-02	-3.96E+00
1.61E+01	-9.30E+01	1.98E+02	-3.66E-03	-3.95E+00
1.61E+01	-9.30E+01	1.97E+02	-3.66E-02	-3.99E+00
1.62E+01	-9.30E+01	1.97E+02	-2.44E-03	-3.98E+00
1.62E+01	-9.30E+01	1.98E+02	-3.66E-02	-3.99E+00
1.62E+01	-9.30E+01	1.97E+02	-2.69E-02	-4.00E+00
1.62E+01	-9.30E+01	1.97E+02	-1.22E-02	-4.01E+00
1.62E+01	-9.30E+01	1.98E+02	-1.59E-02	-4.00E+00
1.63E+01	-9.30E+01	1.97E+02	-3.17E-02	-4.03E+00
1.63E+01	-9.30E+01	1.98E+02	-2.44E-02	-4.02E+00
1.63E+01	-9.30E+01	1.97E+02	0.00E+00	-4.01E+00
1.63E+01	-9.30E+01	1.97E+02	-2.81E-02	-4.03E+00
1.63E+01	-9.30E+01	1.97E+02	-1.34E-02	-4.05E+00
1.64E+01	-9.30E+01	1.97E+02	-1.10E-02	-4.05E+00
1.64E+01	-9.30E+01	1.98E+02	-2.08E-02	-4.05E+00
1.64E+01	-9.30E+01	1.97E+02	-2.93E-02	-4.07E+00
1.64E+01	-9.30E+01	1.97E+02	-4.88E-03	-4.07E+00
1.64E+01	-9.30E+01	1.98E+02	-1.34E-02	-4.07E+00
1.65E+01	-9.30E+01	1.97E+02	-6.35E-02	-4.09E+00
1.65E+01	-9.30E+01	1.98E+02	-1.59E-02	-4.10E+00
1.65E+01	-9.30E+01	1.98E+02	-1.22E-02	-4.10E+00
1.65E+01	-9.30E+01	1.98E+02	-3.66E-02	-4.11E+00
1.65E+01	-9.30E+01	1.97E+02	0.00E+00	-4.12E+00
1.66E+01	-9.30E+01	1.97E+02	-7.32E-03	-4.11E+00
1.66E+01	-9.30E+01	1.98E+02	-2.32E-02	-4.13E+00

1.66E+01	-9.30E+01	1.97E+02	-2.08E-02	-4.14E+00
1.66E+01	-9.30E+01	1.97E+02	-1.46E-02	-4.12E+00
1.66E+01	-9.30E+01	1.98E+02	-1.95E-02	-4.15E+00
1.67E+01	-9.30E+01	1.97E+02	-7.32E-03	-4.16E+00
1.67E+01	-9.30E+01	1.97E+02	-4.88E-03	-4.15E+00
1.67E+01	-9.30E+01	1.97E+02	-2.08E-02	-4.17E+00
1.67E+01	-9.30E+01	1.97E+02	-4.88E-03	-4.18E+00
1.67E+01	-9.30E+01	1.98E+02	-4.88E-03	-4.18E+00
1.68E+01	-9.30E+01	1.97E+02	-3.66E-02	-4.19E+00
1.68E+01	-9.30E+01	1.97E+02	3.66E-03	-4.20E+00
1.68E+01	-9.30E+01	1.97E+02	-1.95E-02	-4.18E+00
1.68E+01	-9.30E+01	1.98E+02	-2.56E-02	-4.21E+00
1.68E+01	-9.30E+01	1.97E+02	1.22E-03	-4.21E+00
1.69E+01	-9.30E+01	1.98E+02	-1.46E-02	-4.23E+00
1.69E+01	-9.30E+01	1.97E+02	-2.81E-02	-4.24E+00
1.69E+01	-9.30E+01	1.97E+02	-2.44E-03	-4.24E+00
1.69E+01	-9.30E+01	1.97E+02	-2.69E-02	-4.24E+00
1.69E+01	-9.30E+01	1.97E+02	-2.69E-02	-4.26E+00
1.70E+01	-9.30E+01	1.97E+02	-7.32E-03	-4.24E+00
1.70E+01	-9.30E+01	1.97E+02	-2.44E-02	-4.26E+00
1.70E+01	-9.30E+01	1.97E+02	-3.66E-02	-4.29E+00
1.70E+01	-9.30E+01	1.97E+02	-8.54E-03	-4.28E+00
1.70E+01	-9.30E+01	1.97E+02	-2.20E-02	-4.28E+00
1.71E+01	-9.30E+01	1.97E+02	-1.71E-02	-4.30E+00
1.71E+01	-9.30E+01	1.97E+02	0.00E+00	-4.29E+00
1.71E+01	-9.30E+01	1.97E+02	-2.44E-02	-4.31E+00
1.71E+01	-9.30E+01	1.97E+02	-8.54E-03	-4.32E+00
1.71E+01	-9.30E+01	1.97E+02	-3.66E-03	-4.32E+00
1.72E+01	-9.30E+01	1.97E+02	-1.46E-02	-4.34E+00
1.72E+01	-9.30E+01	1.97E+02	-2.93E-02	-4.34E+00
1.72E+01	-9.30E+01	1.97E+02	-2.44E-02	-4.34E+00
1.72E+01	-9.30E+01	1.96E+02	-3.17E-02	-4.35E+00
1.72E+01	-9.30E+01	1.97E+02	-1.59E-02	-4.35E+00
1.73E+01	-9.30E+01	1.97E+02	-2.44E-02	-4.36E+00
1.73E+01	-9.30E+01	1.97E+02	-2.93E-02	-4.37E+00
1.73E+01	-9.30E+01	1.96E+02	-1.34E-02	-4.38E+00
1.73E+01	-9.30E+01	1.97E+02	-3.66E-02	-4.37E+00
1.73E+01	-9.30E+01	1.96E+02	-4.15E-02	-4.40E+00
1.74E+01	-9.30E+01	1.96E+02	-1.46E-02	-4.40E+00
1.74E+01	-9.30E+01	1.97E+02	-4.15E-02	-4.41E+00
1.74E+01	-9.30E+01	1.96E+02	-1.46E-02	-4.42E+00
1.74E+01	-9.30E+01	1.97E+02	-1.22E-02	-4.41E+00
1.74E+01	-9.30E+01	1.97E+02	-2.69E-02	-4.43E+00
1.75E+01	-9.30E+01	1.97E+02	-1.22E-02	-4.44E+00
1.75E+01	-9.30E+01	1.97E+02	-9.77E-03	-4.44E+00
1.75E+01	-9.30E+01	1.96E+02	-3.30E-02	-4.43E+00
1.75E+01	-9.30E+01	1.97E+02	3.17E-02	-4.45E+00

1.75E+01	-9.30E+01	1.97E+02	-2.69E-02	-4.45E+00
1.76E+01	-9.30E+01	1.97E+02	-2.20E-02	-4.48E+00
1.76E+01	-9.30E+01	1.97E+02	-9.77E-03	-4.47E+00
1.76E+01	-9.30E+01	1.97E+02	-2.69E-02	-4.49E+00
1.76E+01	-9.30E+01	1.97E+02	3.66E-03	-4.49E+00
1.76E+01	-9.30E+01	1.97E+02	-1.95E-02	-4.49E+00
1.77E+01	-9.30E+01	1.97E+02	-2.56E-02	-4.51E+00
1.77E+01	-9.30E+01	1.97E+02	-3.17E-02	-4.51E+00
1.77E+01	-9.30E+01	1.97E+02	-1.95E-02	-4.50E+00
1.77E+01	-9.30E+01	1.97E+02	-4.15E-02	-4.52E+00
1.77E+01	-9.30E+01	1.97E+02	-4.88E-03	-4.53E+00
1.78E+01	-9.30E+01	1.97E+02	-1.71E-02	-4.53E+00
1.78E+01	-9.30E+01	1.97E+02	-2.20E-02	-4.55E+00
1.78E+01	-9.30E+01	1.97E+02	-1.10E-02	-4.55E+00
1.78E+01	-9.30E+01	1.97E+02	-1.34E-02	-4.55E+00
1.78E+01	-9.30E+01	1.97E+02	-2.93E-02	-4.57E+00
1.79E+01	-9.30E+01	1.97E+02	-1.22E-02	-4.56E+00
1.79E+01	-9.30E+01	1.96E+02	0.00E+00	-4.57E+00
1.79E+01	-9.30E+01	1.97E+02	-3.54E-02	-4.59E+00
1.79E+01	-9.30E+01	1.96E+02	-7.32E-03	-4.59E+00
1.79E+01	-9.30E+01	1.97E+02	-1.22E-02	-4.59E+00
1.80E+01	-9.30E+01	1.97E+02	-2.69E-02	-4.61E+00
1.80E+01	-9.30E+01	1.97E+02	-3.66E-03	-4.61E+00
1.80E+01	-9.30E+01	1.97E+02	-1.22E-02	-4.61E+00
1.80E+01	-9.30E+01	1.97E+02	-2.69E-02	-4.62E+00
1.80E+01	-9.30E+01	1.96E+02	-1.95E-02	-4.65E+00
1.81E+01	-9.30E+01	1.97E+02	-2.44E-03	-4.62E+00
1.81E+01	-9.30E+01	1.97E+02	-1.95E-02	-4.65E+00
1.81E+01	-9.30E+01	1.97E+02	-1.22E-02	-4.66E+00
1.81E+01	-9.30E+01	1.97E+02	7.32E-03	-4.66E+00
1.81E+01	-9.30E+01	1.97E+02	-2.69E-02	-4.67E+00
1.82E+01	-9.30E+01	1.97E+02	-1.46E-02	-4.69E+00
1.82E+01	-9.30E+01	1.97E+02	-1.10E-02	-4.68E+00
1.82E+01	-9.30E+01	1.97E+02	-1.83E-02	-4.70E+00
1.82E+01	-9.30E+01	1.97E+02	-3.17E-02	-4.71E+00
1.82E+01	-9.30E+01	1.97E+02	-1.22E-02	-4.70E+00
1.83E+01	-9.30E+01	1.98E+02	-3.17E-02	-4.71E+00
1.83E+01	-9.30E+01	1.97E+02	-1.22E-02	-4.72E+00
1.83E+01	-9.30E+01	1.98E+02	-7.32E-03	-4.72E+00
1.83E+01	-9.30E+01	1.97E+02	-2.44E-02	-4.73E+00
1.83E+01	-9.30E+01	1.97E+02	-1.83E-02	-4.74E+00
1.84E+01	-9.30E+01	1.98E+02	-1.10E-02	-4.75E+00
1.84E+01	-9.30E+01	1.97E+02	-4.27E-02	-4.76E+00
1.84E+01	-9.30E+01	1.97E+02	4.88E-03	-4.76E+00
1.84E+01	-9.30E+01	1.98E+02	-1.71E-02	-4.77E+00
1.84E+01	-9.30E+01	1.97E+02	-2.20E-02	-4.78E+00
1.85E+01	-9.30E+01	1.97E+02	0.00E+00	-4.78E+00

1.85E+01	-9.30E+01	1.97E+02	-3.17E-02	-4.78E+00
1.85E+01	-9.30E+01	1.98E+02	-2.20E-02	-4.80E+00
1.85E+01	-9.30E+01	1.97E+02	-7.32E-03	-4.80E+00
1.85E+01	-9.30E+01	1.97E+02	-3.05E-02	-4.81E+00
1.86E+01	-9.30E+01	1.97E+02	-1.46E-02	-4.82E+00
1.86E+01	-9.30E+01	1.98E+02	-1.22E-02	-4.82E+00
1.86E+01	-9.30E+01	1.98E+02	-2.69E-02	-4.83E+00
1.86E+01	-9.30E+01	1.98E+02	-1.22E-02	-4.84E+00
1.86E+01	-9.30E+01	1.98E+02	-8.54E-03	-4.84E+00
1.87E+01	-9.30E+01	1.98E+02	-4.88E-02	-4.86E+00
1.87E+01	-9.30E+01	1.98E+02	2.44E-03	-4.86E+00
1.87E+01	-9.30E+01	1.98E+02	-2.44E-02	-4.87E+00
1.87E+01	-9.30E+01	1.98E+02	-2.44E-02	-4.87E+00
1.87E+01	-9.30E+01	1.98E+02	-1.22E-02	-4.88E+00
1.88E+01	-9.30E+01	1.98E+02	-2.08E-02	-4.88E+00
1.88E+01	-9.30E+01	1.98E+02	-2.93E-02	-4.90E+00
1.88E+01	-9.30E+01	1.98E+02	-4.88E-03	-4.90E+00
1.88E+01	-9.30E+01	1.98E+02	1.22E-02	-4.90E+00
1.88E+01	-9.30E+01	1.98E+02	-3.17E-02	-4.91E+00
1.89E+01	-9.30E+01	1.98E+02	1.59E-02	-4.92E+00
1.89E+01	-9.30E+01	1.99E+02	-2.93E-02	-4.92E+00
1.89E+01	-9.30E+01	1.98E+02	-2.32E-02	-4.94E+00
1.89E+01	-9.30E+01	1.99E+02	-4.88E-03	-4.94E+00
1.89E+01	-9.30E+01	1.99E+02	-1.34E-02	-4.94E+00
1.90E+01	-9.30E+01	1.99E+02	-3.17E-02	-4.96E+00
1.90E+01	-9.30E+01	1.99E+02	-1.34E-02	-4.96E+00
1.90E+01	-9.30E+01	1.99E+02	-1.22E-02	-4.97E+00
1.90E+01	-9.30E+01	1.99E+02	-1.22E-02	-4.99E+00
1.90E+01	-9.30E+01	1.99E+02	-1.22E-03	-4.98E+00
1.91E+01	-9.30E+01	1.99E+02	-4.88E-03	-4.99E+00
1.91E+01	-9.30E+01	1.99E+02	-3.42E-02	-5.00E+00
1.91E+01	-9.30E+01	1.99E+02	-1.34E-02	-5.01E+00
1.91E+01	-9.30E+01	1.99E+02	-1.22E-02	-5.00E+00
1.91E+01	-9.30E+01	1.99E+02	-2.56E-02	-5.02E+00
1.92E+01	-9.30E+01	1.99E+02	-1.71E-02	-5.02E+00
1.92E+01	-9.30E+01	1.99E+02	8.54E-03	-5.02E+00
1.92E+01	-9.30E+01	1.99E+02	-3.66E-02	-5.04E+00
1.92E+01	-9.30E+01	1.99E+02	-6.10E-03	-5.06E+00
1.92E+01	-9.30E+01	2.00E+02	-4.88E-03	-5.04E+00
1.93E+01	-9.30E+01	1.99E+02	-3.17E-02	-5.07E+00
1.93E+01	-9.30E+01	1.99E+02	-4.88E-03	-5.07E+00
1.93E+01	-9.30E+01	2.00E+02	-1.71E-02	-5.07E+00
1.93E+01	-9.30E+01	2.00E+02	-2.44E-02	-5.10E+00
1.93E+01	-9.30E+01	1.99E+02	-7.32E-03	-5.07E+00
1.94E+01	-9.30E+01	2.00E+02	-2.93E-02	-5.10E+00
1.94E+01	-9.30E+01	1.99E+02	-9.77E-03	-5.11E+00
1.94E+01	-9.30E+01	2.00E+02	0.00E+00	-5.10E+00

1.94E+01	-9.30E+01	2.00E+02	-3.42E-02	-5.12E+00
1.94E+01	-9.30E+01	2.00E+02	0.00E+00	-5.12E+00
1.95E+01	-9.30E+01	2.00E+02	0.00E+00	-5.12E+00
1.95E+01	-9.30E+01	2.00E+02	-3.91E-02	-5.15E+00
1.95E+01	-9.30E+01	2.00E+02	-2.44E-03	-5.13E+00
1.95E+01	-9.30E+01	2.00E+02	-8.54E-03	-5.14E+00
1.95E+01	-9.30E+01	2.00E+02	-2.44E-02	-5.16E+00
1.96E+01	-9.30E+01	2.00E+02	3.66E-03	-5.17E+00
1.96E+01	-9.30E+01	2.00E+02	-1.34E-02	-5.17E+00
1.96E+01	-9.30E+01	2.00E+02	-2.20E-02	-5.19E+00
1.96E+01	-9.30E+01	2.00E+02	-1.22E-03	-5.18E+00
1.96E+01	-9.30E+01	2.00E+02	-1.22E-02	-5.20E+00
1.97E+01	-9.30E+01	2.00E+02	-2.44E-02	-5.21E+00
1.97E+01	-9.30E+01	2.00E+02	-3.66E-03	-5.21E+00
1.97E+01	-9.30E+01	2.00E+02	-2.69E-02	-5.21E+00
1.97E+01	-9.30E+01	2.00E+02	-2.93E-02	-5.23E+00
1.97E+01	-9.30E+01	2.00E+02	-8.54E-03	-5.23E+00
1.98E+01	-9.30E+01	2.00E+02	0.00E+00	-5.23E+00
1.98E+01	-9.30E+01	2.00E+02	-2.69E-02	-5.24E+00
1.98E+01	-9.30E+01	2.01E+02	-9.77E-03	-5.27E+00
1.98E+01	-9.30E+01	2.00E+02	-4.39E-02	-5.25E+00
1.98E+01	-9.30E+01	2.00E+02	-2.20E-02	-5.26E+00
1.99E+01	-9.30E+01	2.00E+02	-1.46E-02	-5.28E+00
1.99E+01	-9.30E+01	2.00E+02	-1.71E-02	-5.27E+00
1.99E+01	-9.30E+01	2.00E+02	-3.17E-02	-5.28E+00
1.99E+01	-9.30E+01	2.00E+02	0.00E+00	-5.29E+00
1.99E+01	-9.30E+01	2.00E+02	-2.20E-02	-5.29E+00
2.00E+01	-9.30E+01	2.00E+02	-1.71E-02	-5.31E+00
2.00E+01	-9.30E+01	2.00E+02	-3.17E-02	-5.30E+00
2.00E+01	-9.30E+01	2.00E+02	-4.15E-02	-5.31E+00
2.00E+01	-9.30E+01	2.00E+02	-2.44E-03	-5.32E+00
2.00E+01	-9.30E+01	2.00E+02	-8.54E-03	-5.32E+00
2.01E+01	-9.30E+01	2.00E+02	-2.08E-02	-5.35E+00
2.01E+01	-9.30E+01	2.00E+02	-4.88E-03	-5.34E+00
2.01E+01	-9.30E+01	2.00E+02	-3.66E-03	-5.35E+00
2.01E+01	-9.30E+01	1.99E+02	-1.71E-02	-5.35E+00
2.01E+01	-9.30E+01	2.00E+02	-1.34E-02	-5.37E+00
2.02E+01	-9.30E+01	2.00E+02	-2.20E-02	-5.38E+00
2.02E+01	-9.30E+01	2.00E+02	-9.77E-03	-5.38E+00
2.02E+01	-9.30E+01	2.00E+02	-2.20E-02	-5.38E+00
2.02E+01	-9.30E+01	2.00E+02	-1.46E-02	-5.40E+00
2.02E+01	-9.30E+01	2.00E+02	-1.22E-02	-5.39E+00
2.03E+01	-9.30E+01	2.00E+02	-1.22E-02	-5.40E+00
2.03E+01	-9.30E+01	2.00E+02	-2.44E-03	-5.42E+00
2.03E+01	-9.30E+01	2.00E+02	1.22E-03	-5.42E+00
2.03E+01	-9.30E+01	2.00E+02	-3.66E-02	-5.44E+00
2.03E+01	-9.30E+01	2.00E+02	-1.95E-02	-5.44E+00

2.04E+01	-9.30E+01	2.01E+02	-1.22E-02	-5.44E+00
2.04E+01	-9.30E+01	2.00E+02	-3.66E-02	-5.45E+00
2.04E+01	-9.30E+01	2.00E+02	2.44E-03	-5.46E+00
2.04E+01	-9.30E+01	2.00E+02	-3.78E-02	-5.48E+00
2.04E+01	-9.30E+01	2.00E+02	-4.88E-03	-5.48E+00
2.05E+01	-9.30E+01	2.00E+02	-4.88E-03	-5.47E+00
2.05E+01	-9.30E+01	2.00E+02	-2.69E-02	-5.49E+00
2.05E+01	-9.30E+01	2.00E+02	-2.44E-03	-5.49E+00
2.05E+01	-9.30E+01	2.00E+02	-1.22E-02	-5.49E+00
2.05E+01	-9.30E+01	2.00E+02	-2.44E-02	-5.50E+00
2.06E+01	-9.30E+01	2.00E+02	7.32E-03	-5.52E+00
2.06E+01	-9.30E+01	2.00E+02	-1.95E-02	-5.52E+00
2.06E+01	-9.30E+01	2.00E+02	-2.20E-02	-5.54E+00
2.06E+01	-9.30E+01	2.00E+02	-2.44E-03	-5.53E+00
2.06E+01	-9.30E+01	2.00E+02	-3.30E-02	-5.54E+00
2.07E+01	-9.30E+01	2.00E+02	0.00E+00	-5.55E+00
2.07E+01	-9.30E+01	2.00E+02	1.22E-02	-5.55E+00
2.07E+01	-9.30E+01	2.00E+02	-2.44E-02	-5.57E+00
2.07E+01	-9.30E+01	2.00E+02	4.88E-03	-5.56E+00
2.07E+01	-9.30E+01	2.00E+02	-7.32E-03	-5.58E+00
2.08E+01	-9.30E+01	2.00E+02	-3.17E-02	-5.59E+00
2.08E+01	-9.30E+01	2.00E+02	0.00E+00	-5.59E+00
2.08E+01	-9.30E+01	2.00E+02	-2.93E-02	-5.59E+00
2.08E+01	-9.30E+01	2.00E+02	-1.83E-02	-5.61E+00
2.08E+01	-9.30E+01	2.00E+02	1.34E-02	-5.61E+00
2.09E+01	-9.30E+01	2.00E+02	-1.71E-02	-5.61E+00
2.09E+01	-9.30E+01	2.00E+02	-3.42E-02	-5.63E+00
2.09E+01	-9.30E+01	2.00E+02	-4.88E-03	-5.64E+00
2.09E+01	-9.30E+01	2.00E+02	-2.93E-02	-5.64E+00
2.09E+01	-9.30E+01	2.00E+02	-2.56E-02	-5.66E+00
2.10E+01	-9.30E+01	2.00E+02	-1.22E-02	-5.66E+00
2.10E+01	-9.30E+01	2.00E+02	-6.10E-03	-5.66E+00
2.10E+01	-9.30E+01	2.00E+02	-4.39E-02	-5.66E+00
2.10E+01	-9.30E+01	2.00E+02	1.22E-03	-5.68E+00
2.10E+01	-9.30E+01	2.00E+02	-2.44E-03	-5.68E+00
2.11E+01	-9.30E+01	2.00E+02	-1.10E-02	-5.68E+00
2.11E+01	-9.30E+01	2.00E+02	-1.22E-02	-5.70E+00
2.11E+01	-9.30E+01	2.00E+02	-9.77E-03	-5.70E+00
2.11E+01	-9.30E+01	2.00E+02	-3.42E-02	-5.72E+00
2.11E+01	-9.30E+01	2.00E+02	6.10E-03	-5.72E+00
2.12E+01	-9.30E+01	2.00E+02	-1.59E-02	-5.70E+00
2.12E+01	-9.30E+01	2.00E+02	-2.44E-03	-5.74E+00
2.12E+01	-9.30E+01	2.00E+02	-9.77E-03	-5.74E+00
2.12E+01	-9.30E+01	2.00E+02	-2.69E-02	-5.74E+00
2.12E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.76E+00
2.13E+01	-9.30E+01	2.00E+02	2.44E-03	-5.77E+00
2.13E+01	-9.30E+01	2.00E+02	-1.71E-02	-5.76E+00

2.13E+01	-9.30E+01	2.00E+02	-2.69E-02	-5.78E+00
2.13E+01	-9.30E+01	1.99E+02	-2.69E-02	-5.79E+00
2.13E+01	-9.30E+01	2.00E+02	-2.20E-02	-5.78E+00
2.14E+01	-9.30E+01	1.99E+02	-2.44E-02	-5.80E+00
2.14E+01	-9.30E+01	1.99E+02	9.77E-03	-5.81E+00
2.14E+01	-9.30E+01	1.99E+02	-2.44E-02	-5.81E+00
2.14E+01	-9.30E+01	1.99E+02	-2.32E-02	-5.83E+00
2.14E+01	-9.30E+01	1.99E+02	-9.77E-03	-5.82E+00
2.15E+01	-9.30E+01	2.00E+02	-2.08E-02	-5.83E+00
2.15E+01	-9.30E+01	1.99E+02	-2.69E-02	-5.86E+00
2.15E+01	-9.30E+01	2.00E+02	-1.34E-02	-5.84E+00
2.15E+01	-9.30E+01	1.99E+02	-3.42E-02	-5.85E+00
2.15E+01	-9.30E+01	1.99E+02	-1.95E-02	-5.87E+00
2.16E+01	-9.30E+01	1.99E+02	-9.77E-03	-5.86E+00
2.16E+01	-9.30E+01	1.99E+02	-2.20E-02	-5.87E+00
2.16E+01	-9.30E+01	1.99E+02	-3.17E-02	-5.88E+00
2.16E+01	-9.30E+01	1.99E+02	8.54E-03	-5.89E+00
2.16E+01	-9.30E+01	1.99E+02	-2.32E-02	-5.90E+00
2.17E+01	-9.30E+01	1.99E+02	-1.22E-02	-5.91E+00
2.17E+01	-9.30E+01	1.99E+02	-1.83E-02	-5.90E+00
2.17E+01	-9.30E+01	1.99E+02	-3.42E-02	-5.93E+00
2.17E+01	-9.30E+01	1.98E+02	-9.77E-03	-5.93E+00
2.17E+01	-9.30E+01	1.99E+02	-8.54E-03	-5.93E+00
2.18E+01	-9.30E+01	1.98E+02	-1.71E-02	-5.95E+00
2.18E+01	-9.30E+01	1.98E+02	-1.83E-02	-5.94E+00
2.18E+01	-9.30E+01	1.98E+02	-1.22E-02	-5.96E+00
2.18E+01	-9.30E+01	1.98E+02	-1.95E-02	-5.97E+00
2.18E+01	-9.30E+01	1.99E+02	-4.88E-03	-5.97E+00
2.19E+01	-9.30E+01	1.98E+02	-4.03E-02	-5.98E+00
2.19E+01	-9.30E+01	1.98E+02	-2.44E-03	-5.99E+00
2.19E+01	-9.30E+01	1.98E+02	-1.95E-02	-5.98E+00
2.19E+01	-9.30E+01	1.98E+02	-2.20E-02	-6.00E+00
2.19E+01	-9.30E+01	1.98E+02	-8.54E-03	-6.00E+00
2.20E+01	-9.30E+01	1.98E+02	-3.66E-03	-6.01E+00
2.20E+01	-9.30E+01	1.98E+02	-2.69E-02	-6.02E+00
2.20E+01	-9.30E+01	1.98E+02	2.44E-03	-6.03E+00
2.20E+01	-9.30E+01	1.98E+02	-1.22E-02	-6.02E+00
2.20E+01	-9.30E+01	1.98E+02	-2.20E-02	-6.05E+00
2.21E+01	-9.30E+01	1.98E+02	6.10E-03	-6.02E+00
2.21E+01	-9.30E+01	1.97E+02	-1.46E-02	-6.05E+00
2.21E+01	-9.30E+01	1.98E+02	-2.20E-02	-6.06E+00
2.21E+01	-9.30E+01	1.98E+02	-1.10E-02	-6.07E+00
2.21E+01	-9.30E+01	1.98E+02	-2.44E-02	-6.07E+00
2.22E+01	-9.30E+01	1.98E+02	-2.20E-02	-6.09E+00
2.22E+01	-9.30E+01	1.98E+02	-1.22E-02	-6.08E+00
2.22E+01	-9.30E+01	1.98E+02	-3.17E-02	-6.10E+00
2.22E+01	-9.30E+01	1.98E+02	1.59E-02	-6.10E+00

2.22E+01	-9.30E+01	1.98E+02	-6.10E-03	-6.10E+00
2.23E+01	-9.30E+01	1.98E+02	-1.59E-02	-6.12E+00
2.23E+01	-9.30E+01	1.98E+02	-1.22E-03	-6.12E+00
2.23E+01	-9.30E+01	1.98E+02	-1.71E-02	-6.13E+00
2.23E+01	-9.30E+01	1.98E+02	-2.93E-02	-6.14E+00
2.23E+01	-9.30E+01	1.98E+02	2.44E-03	-6.14E+00
2.24E+01	-9.30E+01	1.99E+02	-3.30E-02	-6.15E+00
2.24E+01	-9.30E+01	1.98E+02	-2.44E-02	-6.18E+00
2.24E+01	-9.30E+01	1.98E+02	-2.44E-03	-6.16E+00
2.24E+01	-9.30E+01	1.98E+02	-1.46E-02	-6.18E+00
2.24E+01	-9.30E+01	1.98E+02	-3.66E-03	-6.17E+00
2.25E+01	-9.30E+01	1.98E+02	-2.08E-02	-6.19E+00
2.25E+01	-9.30E+01	1.98E+02	-2.20E-02	-6.20E+00
2.25E+01	-9.30E+01	1.98E+02	6.10E-03	-6.21E+00
2.25E+01	-9.30E+01	1.99E+02	-1.71E-02	-6.21E+00
2.25E+01	-9.30E+01	1.98E+02	-9.77E-03	-6.23E+00
2.26E+01	-9.30E+01	1.98E+02	-1.22E-03	-6.21E+00
2.26E+01	-9.30E+01	1.98E+02	-1.71E-02	-6.22E+00
2.26E+01	-9.30E+01	1.99E+02	-1.71E-02	-6.24E+00
2.26E+01	-9.30E+01	1.98E+02	-1.22E-03	-6.24E+00
2.26E+01	-9.30E+01	1.99E+02	-2.56E-02	-6.25E+00
2.27E+01	-9.30E+01	1.99E+02	-1.34E-02	-6.27E+00
2.27E+01	-9.30E+01	1.99E+02	-9.77E-03	-6.26E+00
2.27E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.27E+00
2.27E+01	-9.30E+01	1.98E+02	7.32E-03	-6.28E+00
2.27E+01	-9.30E+01	1.98E+02	-3.17E-02	-6.28E+00
2.28E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.30E+00
2.28E+01	-9.30E+01	1.98E+02	-7.32E-03	-6.30E+00
2.28E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.31E+00
2.28E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.31E+00
2.28E+01	-9.30E+01	1.99E+02	2.44E-03	-6.32E+00
2.29E+01	-9.30E+01	1.99E+02	-3.66E-02	-6.32E+00
2.29E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.35E+00
2.29E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.33E+00
2.29E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.35E+00
2.29E+01	-9.30E+01	1.99E+02	-9.77E-03	-6.36E+00
2.30E+01	-9.30E+01	1.99E+02	4.88E-03	-6.35E+00
2.30E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.38E+00
2.30E+01	-9.30E+01	1.99E+02	-2.20E-02	-6.38E+00
2.30E+01	-9.30E+01	1.99E+02	-1.46E-02	-6.39E+00
2.30E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.40E+00
2.31E+01	-9.30E+01	1.99E+02	7.32E-03	-6.40E+00
2.31E+01	-9.30E+01	2.00E+02	-2.93E-02	-6.39E+00
2.31E+01	-9.30E+01	1.99E+02	-6.10E-02	-6.42E+00
2.31E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.41E+00
2.31E+01	-9.30E+01	2.00E+02	-2.69E-02	-6.44E+00
2.32E+01	-9.30E+01	1.99E+02	-9.77E-03	-6.44E+00

2.32E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.44E+00
2.32E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.46E+00
2.32E+01	-9.30E+01	1.99E+02	2.69E-02	-6.46E+00
2.32E+01	-9.30E+01	2.00E+02	-1.95E-02	-6.46E+00
2.33E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.48E+00
2.33E+01	-9.30E+01	2.00E+02	-1.71E-02	-6.48E+00
2.33E+01	-9.30E+01	2.00E+02	-2.69E-02	-6.48E+00
2.33E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.49E+00
2.33E+01	-9.30E+01	2.00E+02	-1.10E-02	-6.49E+00
2.34E+01	-9.30E+01	2.00E+02	-2.44E-02	-6.51E+00
2.34E+01	-9.30E+01	1.99E+02	2.44E-03	-6.52E+00
2.34E+01	-9.30E+01	2.00E+02	-1.95E-02	-6.51E+00
2.34E+01	-9.30E+01	2.00E+02	-2.56E-02	-6.53E+00
2.34E+01	-9.30E+01	1.99E+02	-2.44E-03	-6.54E+00
2.35E+01	-9.30E+01	2.00E+02	-1.71E-02	-6.54E+00
2.35E+01	-9.30E+01	2.00E+02	-2.93E-02	-6.55E+00
2.35E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.55E+00
2.35E+01	-9.30E+01	2.00E+02	-2.69E-02	-6.56E+00
2.35E+01	-9.30E+01	1.99E+02	-4.39E-02	-6.57E+00
2.36E+01	-9.30E+01	1.99E+02	7.32E-03	-6.57E+00
2.36E+01	-9.30E+01	2.00E+02	-2.69E-02	-6.58E+00
2.36E+01	-9.30E+01	2.00E+02	-2.93E-02	-6.60E+00
2.36E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.59E+00
2.36E+01	-9.30E+01	1.99E+02	2.44E-03	-6.61E+00
2.37E+01	-9.30E+01	1.99E+02	-4.88E-02	-6.62E+00
2.37E+01	-9.30E+01	2.00E+02	4.88E-03	-6.62E+00
2.37E+01	-9.30E+01	2.00E+02	-2.08E-02	-6.62E+00
2.37E+01	-9.30E+01	1.99E+02	-3.17E-02	-6.64E+00
2.37E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.64E+00
2.38E+01	-9.30E+01	2.00E+02	-1.59E-02	-6.65E+00
2.38E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.66E+00
2.38E+01	-9.30E+01	1.99E+02	2.56E-02	-6.65E+00
2.38E+01	-9.30E+01	2.00E+02	-4.39E-02	-6.67E+00
2.38E+01	-9.30E+01	1.99E+02	-8.54E-03	-6.68E+00
2.39E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.68E+00
2.39E+01	-9.30E+01	2.00E+02	-3.17E-02	-6.70E+00
2.39E+01	-9.30E+01	2.00E+02	-6.10E-03	-6.70E+00
2.39E+01	-9.30E+01	2.00E+02	-1.95E-02	-6.69E+00
2.39E+01	-9.30E+01	1.99E+02	4.88E-03	-6.71E+00
2.40E+01	-9.30E+01	2.00E+02	-1.46E-02	-6.73E+00
2.40E+01	-9.30E+01	2.00E+02	-2.44E-02	-6.72E+00
2.40E+01	-9.30E+01	1.99E+02	-1.71E-02	-6.74E+00
2.40E+01	-9.30E+01	2.00E+02	-2.44E-03	-6.74E+00
2.40E+01	-9.30E+01	2.00E+02	-2.81E-02	-6.75E+00
2.41E+01	-9.30E+01	2.00E+02	-3.78E-02	-6.76E+00
2.41E+01	-9.30E+01	2.00E+02	1.22E-03	-6.75E+00
2.41E+01	-9.30E+01	2.00E+02	-2.69E-02	-6.78E+00

2.41E+01	-9.30E+01	1.99E+02	-2.44E-02	-6.78E+00
2.41E+01	-9.30E+01	2.00E+02	-1.22E-02	-6.78E+00
2.42E+01	-9.30E+01	2.00E+02	-2.93E-02	-6.80E+00
2.42E+01	-9.30E+01	2.00E+02	-1.22E-03	-6.80E+00
2.42E+01	-9.30E+01	1.99E+02	-2.69E-02	-6.80E+00
2.42E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.83E+00
2.42E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.82E+00
2.43E+01	-9.30E+01	1.99E+02	-2.69E-02	-6.84E+00
2.43E+01	-9.30E+01	2.00E+02	0.00E+00	-6.83E+00
2.43E+01	-9.30E+01	1.99E+02	-2.93E-02	-6.84E+00
2.43E+01	-9.30E+01	1.99E+02	-4.88E-03	-6.85E+00
2.43E+01	-9.30E+01	2.00E+02	-1.22E-02	-6.84E+00
2.44E+01	-9.30E+01	2.00E+02	1.46E-02	-6.86E+00
2.44E+01	-9.30E+01	1.99E+02	-2.32E-02	-6.87E+00
2.44E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.87E+00
2.44E+01	-9.30E+01	1.99E+02	-2.69E-02	-6.89E+00
2.44E+01	-9.30E+01	1.99E+02	-4.88E-03	-6.89E+00
2.45E+01	-9.30E+01	1.99E+02	-2.69E-02	-6.90E+00
2.45E+01	-9.30E+01	1.99E+02	-4.88E-02	-6.90E+00
2.45E+01	-9.30E+01	2.00E+02	-3.66E-02	-6.91E+00
2.45E+01	-9.30E+01	1.99E+02	-2.20E-02	-6.92E+00
2.45E+01	-9.30E+01	1.99E+02	-1.22E-02	-6.92E+00
2.46E+01	-9.30E+01	2.00E+02	-3.30E-02	-6.93E+00
2.46E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.95E+00
2.46E+01	-9.30E+01	2.00E+02	-1.46E-02	-6.94E+00
2.46E+01	-9.30E+01	1.99E+02	-4.88E-02	-6.96E+00
2.46E+01	-9.30E+01	2.00E+02	-2.44E-03	-6.95E+00
2.47E+01	-9.30E+01	2.00E+02	-3.78E-02	-6.96E+00
2.47E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.98E+00
2.47E+01	-9.30E+01	1.99E+02	-7.32E-03	-6.98E+00
2.47E+01	-9.30E+01	2.00E+02	-2.32E-02	-6.99E+00
2.47E+01	-9.30E+01	2.00E+02	-9.77E-03	-7.00E+00
2.48E+01	-9.30E+01	2.00E+02	-9.77E-03	-6.99E+00
2.48E+01	-9.30E+01	2.00E+02	-3.42E-02	-7.02E+00
2.48E+01	-9.30E+01	2.00E+02	-4.88E-03	-7.02E+00
2.48E+01	-9.30E+01	2.00E+02	-3.17E-02	-7.02E+00
2.48E+01	-9.30E+01	2.00E+02	-2.08E-02	-7.04E+00
2.49E+01	-9.30E+01	2.00E+02	-9.77E-03	-7.03E+00
2.49E+01	-9.30E+01	2.00E+02	-2.69E-02	-7.05E+00
2.49E+01	-9.30E+01	2.00E+02	7.32E-03	-7.05E+00
2.49E+01	-9.30E+01	2.00E+02	-2.81E-02	-7.06E+00
2.49E+01	-9.30E+01	2.00E+02	-2.93E-02	-7.07E+00
2.50E+01	-9.30E+01	2.00E+02	-9.77E-03	-7.06E+00
2.50E+01	-9.30E+01	2.00E+02	-2.44E-02	-7.08E+00
2.50E+01	-9.30E+01	2.00E+02	-9.77E-03	-7.09E+00
2.50E+01	-9.30E+01	2.00E+02	-7.32E-03	-7.10E+00
2.50E+01	-9.30E+01	1.99E+02	-2.93E-02	-7.10E+00

2.51E+01	-9.30E+01	1.98E+02	0.00E+00	-7.10E+00
2.51E+01	-9.30E+01	1.98E+02	-1.22E-02	-7.10E+00
2.51E+01	-9.30E+01	1.97E+02	-2.20E-02	-7.11E+00
2.51E+01	-9.30E+01	1.93E+02	-1.22E-02	-7.10E+00
2.51E+01	-9.30E+01	1.87E+02	-1.22E-02	-7.10E+00
2.52E+01	-9.30E+01	1.82E+02	-3.42E-02	-7.11E+00
2.52E+01	-9.30E+01	1.82E+02	-1.59E-02	-7.09E+00
2.52E+01	-9.30E+01	1.83E+02	-3.05E-02	-7.09E+00
2.52E+01	-9.30E+01	1.84E+02	-2.44E-02	-7.11E+00
2.52E+01	-9.30E+01	1.85E+02	0.00E+00	-7.09E+00
2.53E+01	-9.30E+01	1.87E+02	-2.69E-02	-7.09E+00
2.53E+01	-9.30E+01	1.86E+02	-4.88E-03	-7.10E+00
2.53E+01	-9.30E+01	1.84E+02	-3.91E-02	-7.08E+00
2.53E+01	-9.30E+01	1.84E+02	-2.69E-02	-7.10E+00
2.53E+01	-9.30E+01	1.85E+02	-9.77E-03	-7.08E+00
2.54E+01	-9.30E+01	1.84E+02	-2.81E-02	-7.09E+00
2.54E+01	-9.30E+01	1.83E+02	-1.22E-02	-7.09E+00
2.54E+01	-9.30E+01	1.84E+02	-6.10E-03	-7.08E+00
2.54E+01	-9.30E+01	1.84E+02	-9.77E-03	-7.08E+00
2.54E+01	-9.30E+01	1.84E+02	-3.66E-03	-7.09E+00
2.55E+01	-9.30E+01	1.84E+02	-1.59E-02	-7.07E+00
2.55E+01	-9.30E+01	1.83E+02	-2.81E-02	-7.09E+00
2.55E+01	-9.30E+01	1.84E+02	-1.71E-02	-7.08E+00
2.55E+01	-9.30E+01	1.84E+02	-1.95E-02	-7.07E+00
2.55E+01	-9.30E+01	1.84E+02	-2.32E-02	-7.07E+00
2.56E+01	-9.30E+01	1.84E+02	-3.91E-02	-7.07E+00
2.56E+01	-9.30E+01	1.84E+02	-2.32E-02	-7.06E+00
2.56E+01	-9.30E+01	1.84E+02	-2.69E-02	-7.08E+00
2.56E+01	-9.30E+01	1.84E+02	-1.59E-02	-7.06E+00
2.56E+01	-9.30E+01	1.84E+02	-2.44E-02	-7.06E+00
2.57E+01	-9.30E+01	1.84E+02	-2.08E-02	-7.07E+00
2.57E+01	-9.30E+01	1.84E+02	2.93E-02	-7.06E+00
2.57E+01	-9.30E+01	1.84E+02	-9.77E-03	-7.05E+00
2.57E+01	-9.30E+01	1.84E+02	-1.46E-02	-7.06E+00
2.57E+01	-9.30E+01	1.84E+02	4.88E-03	-7.06E+00
2.58E+01	-9.30E+01	1.84E+02	-3.54E-02	-7.05E+00
2.58E+01	-9.30E+01	1.84E+02	-4.88E-03	-7.06E+00
2.58E+01	-9.30E+01	1.84E+02	-1.71E-02	-7.05E+00
2.58E+01	-9.30E+01	1.84E+02	-1.22E-02	-7.05E+00
2.58E+01	-9.30E+01	1.84E+02	-1.71E-02	-7.05E+00
2.59E+01	-9.30E+01	1.84E+02	-2.81E-02	-7.04E+00
2.59E+01	-9.30E+01	1.84E+02	-2.44E-03	-7.04E+00
2.59E+01	-9.30E+01	1.84E+02	-2.20E-02	-7.04E+00
2.59E+01	-9.30E+01	1.84E+02	-2.69E-02	-7.05E+00
2.59E+01	-9.30E+01	1.84E+02	1.95E-02	-7.02E+00
2.60E+01	-9.30E+01	1.84E+02	-3.17E-02	-7.03E+00
2.60E+01	-9.30E+01	1.84E+02	-1.83E-02	-7.04E+00

2.60E+01	-9.30E+01	1.84E+02	-1.95E-02	-7.03E+00
2.60E+01	-9.30E+01	1.84E+02	-3.42E-02	-7.04E+00
2.60E+01	-9.30E+01	1.84E+02	2.44E-03	-7.03E+00
2.61E+01	-9.30E+01	1.84E+02	-2.44E-02	-7.01E+00
2.61E+01	-9.30E+01	1.84E+02	4.88E-03	-7.04E+00
2.61E+01	-9.30E+01	1.84E+02	-1.22E-02	-7.02E+00
2.61E+01	-9.30E+01	1.84E+02	-2.20E-02	-7.02E+00
2.61E+01	-9.30E+01	1.84E+02	-1.22E-02	-7.03E+00
2.62E+01	-9.30E+01	1.84E+02	-2.44E-03	-7.02E+00
2.62E+01	-9.30E+01	1.84E+02	-1.95E-02	-7.02E+00
2.62E+01	-9.30E+01	1.84E+02	-4.88E-03	-7.02E+00
2.62E+01	-9.30E+01	1.84E+02	0.00E+00	-7.00E+00
2.62E+01	-9.30E+01	1.84E+02	-2.93E-02	-7.01E+00
2.63E+01	-9.30E+01	1.84E+02	-4.88E-03	-7.01E+00
2.63E+01	-9.30E+01	1.84E+02	-7.32E-03	-7.00E+00
2.63E+01	-9.30E+01	1.84E+02	-2.69E-02	-7.01E+00
2.63E+01	-9.30E+01	1.84E+02	-1.22E-02	-7.02E+00
2.63E+01	-9.30E+01	1.84E+02	-2.44E-02	-7.00E+00
2.64E+01	-9.30E+01	1.84E+02	-2.69E-02	-7.00E+00
2.64E+01	-9.30E+01	1.84E+02	-7.32E-03	-7.00E+00
2.64E+01	-9.30E+01	1.84E+02	-2.93E-02	-7.00E+00
2.64E+01	-9.30E+01	1.83E+02	-2.44E-03	-7.00E+00
2.64E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.99E+00
2.65E+01	-9.30E+01	1.83E+02	-1.95E-02	-7.00E+00
2.65E+01	-9.30E+01	1.84E+02	-1.22E-03	-6.99E+00
2.65E+01	-9.30E+01	1.84E+02	-5.13E-02	-6.98E+00
2.65E+01	-9.30E+01	1.83E+02	-6.10E-03	-6.99E+00
2.65E+01	-9.30E+01	1.83E+02	-8.54E-03	-6.98E+00
2.66E+01	-9.30E+01	1.84E+02	4.88E-03	-6.98E+00
2.66E+01	-9.30E+01	1.84E+02	-2.44E-02	-7.00E+00
2.66E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.98E+00
2.66E+01	-9.30E+01	1.84E+02	-3.54E-02	-6.97E+00
2.66E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.98E+00
2.67E+01	-9.30E+01	1.84E+02	-1.46E-02	-6.97E+00
2.67E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.98E+00
2.67E+01	-9.30E+01	1.83E+02	-8.54E-03	-6.97E+00
2.67E+01	-9.30E+01	1.84E+02	-1.46E-02	-6.97E+00
2.67E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.97E+00
2.68E+01	-9.30E+01	1.83E+02	4.88E-03	-6.97E+00
2.68E+01	-9.30E+01	1.84E+02	-3.66E-02	-6.96E+00
2.68E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.97E+00
2.68E+01	-9.30E+01	1.84E+02	2.56E-02	-6.95E+00
2.68E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.97E+00
2.69E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.97E+00
2.69E+01	-9.30E+01	1.83E+02	9.77E-03	-6.96E+00
2.69E+01	-9.30E+01	1.84E+02	-3.78E-02	-6.95E+00
2.69E+01	-9.30E+01	1.83E+02	-1.83E-02	-6.96E+00

2.69E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.95E+00
2.70E+01	-9.30E+01	1.83E+02	-3.66E-02	-6.95E+00
2.70E+01	-9.30E+01	1.83E+02	-2.44E-03	-6.95E+00
2.70E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.94E+00
2.70E+01	-9.30E+01	1.84E+02	-3.05E-02	-6.94E+00
2.70E+01	-9.30E+01	1.83E+02	-1.34E-02	-6.95E+00
2.71E+01	-9.30E+01	1.84E+02	-8.54E-03	-6.93E+00
2.71E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.96E+00
2.71E+01	-9.30E+01	1.83E+02	-1.10E-02	-6.94E+00
2.71E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.93E+00
2.71E+01	-9.30E+01	1.83E+02	-2.93E-02	-6.94E+00
2.72E+01	-9.30E+01	1.83E+02	-1.10E-02	-6.94E+00
2.72E+01	-9.30E+01	1.84E+02	-1.46E-02	-6.92E+00
2.72E+01	-9.30E+01	1.83E+02	-3.05E-02	-6.94E+00
2.72E+01	-9.30E+01	1.83E+02	1.46E-02	-6.93E+00
2.72E+01	-9.30E+01	1.83E+02	-1.83E-02	-6.92E+00
2.73E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.93E+00
2.73E+01	-9.30E+01	1.83E+02	-9.77E-03	-6.92E+00
2.73E+01	-9.30E+01	1.84E+02	-2.44E-02	-6.92E+00
2.73E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.93E+00
2.73E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.90E+00
2.74E+01	-9.30E+01	1.83E+02	-3.91E-02	-6.91E+00
2.74E+01	-9.30E+01	1.83E+02	-3.66E-03	-6.92E+00
2.74E+01	-9.30E+01	1.84E+02	-4.88E-03	-6.91E+00
2.74E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.92E+00
2.74E+01	-9.30E+01	1.83E+02	7.32E-03	-6.90E+00
2.75E+01	-9.30E+01	1.83E+02	-1.22E-03	-6.91E+00
2.75E+01	-9.30E+01	1.84E+02	-1.95E-02	-6.91E+00
2.75E+01	-9.30E+01	1.83E+02	2.44E-03	-6.90E+00
2.75E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.90E+00
2.75E+01	-9.30E+01	1.83E+02	-2.69E-02	-6.91E+00
2.76E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.88E+00
2.76E+01	-9.30E+01	1.83E+02	-6.96E-02	-6.89E+00
2.76E+01	-9.30E+01	1.83E+02	-2.32E-02	-6.90E+00
2.76E+01	-9.30E+01	1.83E+02	2.44E-03	-6.89E+00
2.76E+01	-9.30E+01	1.84E+02	-1.71E-02	-6.89E+00
2.77E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.90E+00
2.77E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.88E+00
2.77E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.89E+00
2.77E+01	-9.30E+01	1.83E+02	-2.20E-02	-6.89E+00
2.77E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.88E+00
2.78E+01	-9.30E+01	1.83E+02	-2.20E-02	-6.90E+00
2.78E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.88E+00
2.78E+01	-9.30E+01	1.83E+02	-1.95E-02	-6.88E+00
2.78E+01	-9.30E+01	1.83E+02	-2.56E-02	-6.89E+00
2.78E+01	-9.30E+01	1.83E+02	4.88E-03	-6.88E+00
2.79E+01	-9.30E+01	1.83E+02	-2.20E-02	-6.88E+00

2.79E+01	-9.30E+01	1.83E+02	-1.59E-02	-6.88E+00
2.79E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.86E+00
2.79E+01	-9.30E+01	1.83E+02	-2.56E-02	-6.88E+00
2.79E+01	-9.30E+01	1.83E+02	-1.22E-03	-6.87E+00
2.80E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.86E+00
2.80E+01	-9.30E+01	1.83E+02	-4.88E-03	-6.86E+00
2.80E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.85E+00
2.80E+01	-9.30E+01	1.83E+02	-2.32E-02	-6.87E+00
2.80E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.86E+00
2.81E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.85E+00
2.81E+01	-9.30E+01	1.83E+02	-2.93E-02	-6.87E+00
2.81E+01	-9.30E+01	1.83E+02	0.00E+00	-6.86E+00
2.81E+01	-9.30E+01	1.83E+02	-2.20E-02	-6.86E+00
2.81E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.86E+00
2.82E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.84E+00
2.82E+01	-9.30E+01	1.83E+02	-2.93E-02	-6.85E+00
2.82E+01	-9.30E+01	1.83E+02	3.78E-02	-6.85E+00
2.82E+01	-9.30E+01	1.83E+02	-1.22E-02	-6.85E+00
2.82E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.85E+00
2.83E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.84E+00
2.83E+01	-9.30E+01	1.83E+02	-2.44E-02	-6.84E+00
2.83E+01	-9.30E+01	1.83E+02	-1.71E-02	-6.84E+00
2.83E+01	-9.30E+01	1.83E+02	-3.66E-02	-6.82E+00
2.83E+01	-9.30E+01	1.83E+02	-2.08E-02	-6.84E+00
2.84E+01	-9.30E+01	1.83E+02	3.66E-03	-6.84E+00
2.84E+01	-9.30E+01	1.83E+02	-2.20E-02	-6.83E+00
2.84E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.84E+00
2.84E+01	-9.30E+01	1.83E+02	-2.44E-03	-6.82E+00
2.84E+01	-9.30E+01	1.83E+02	-3.42E-02	-6.82E+00
2.85E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.83E+00
2.85E+01	-9.30E+01	1.83E+02	-1.46E-02	-6.82E+00
2.85E+01	-9.30E+01	1.83E+02	-1.83E-02	-6.83E+00
2.85E+01	-9.30E+01	1.83E+02	-7.32E-03	-6.81E+00
2.85E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.82E+00
2.86E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.82E+00
2.86E+01	-9.30E+01	1.83E+02	-2.93E-02	-6.81E+00
2.86E+01	-9.30E+01	1.83E+02	-8.54E-03	-6.81E+00
2.86E+01	-9.30E+01	1.82E+02	-3.66E-03	-6.81E+00
2.86E+01	-9.30E+01	1.82E+02	-2.20E-02	-6.81E+00
2.87E+01	-9.30E+01	1.82E+02	-1.71E-02	-6.82E+00
2.87E+01	-9.30E+01	1.82E+02	-2.69E-02	-6.80E+00
2.87E+01	-9.30E+01	1.82E+02	-3.78E-02	-6.80E+00
2.87E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.81E+00
2.87E+01	-9.30E+01	1.82E+02	-3.30E-02	-6.80E+00
2.88E+01	-9.30E+01	1.82E+02	-2.32E-02	-6.81E+00
2.88E+01	-9.30E+01	1.82E+02	-9.77E-03	-6.79E+00
2.88E+01	-9.30E+01	1.82E+02	-3.42E-02	-6.80E+00

2.88E+01	-9.30E+01	1.82E+02	-3.05E-02	-6.80E+00
2.88E+01	-9.30E+01	1.82E+02	-3.30E-02	-6.79E+00
2.89E+01	-9.30E+01	1.82E+02	-1.83E-02	-6.79E+00
2.89E+01	-9.30E+01	1.82E+02	-8.54E-03	-6.78E+00
2.89E+01	-9.30E+01	1.82E+02	-2.69E-02	-6.79E+00
2.89E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.79E+00
2.89E+01	-9.30E+01	1.82E+02	4.88E-03	-6.79E+00
2.90E+01	-9.30E+01	1.82E+02	-3.05E-02	-6.79E+00
2.90E+01	-9.30E+01	1.82E+02	2.44E-03	-6.77E+00
2.90E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.78E+00
2.90E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.78E+00
2.90E+01	-9.30E+01	1.82E+02	-7.32E-03	-6.77E+00
2.91E+01	-9.30E+01	1.82E+02	-3.17E-02	-6.79E+00
2.91E+01	-9.30E+01	1.82E+02	1.95E-02	-6.78E+00
2.91E+01	-9.30E+01	1.82E+02	-2.08E-02	-6.76E+00
2.91E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.77E+00
2.91E+01	-9.30E+01	1.82E+02	-4.88E-03	-6.76E+00
2.92E+01	-9.30E+01	1.82E+02	-2.56E-02	-6.76E+00
2.92E+01	-9.30E+01	1.81E+02	-1.83E-02	-6.77E+00
2.92E+01	-9.30E+01	1.82E+02	0.00E+00	-6.77E+00
2.92E+01	-9.30E+01	1.82E+02	-2.93E-02	-6.77E+00
2.92E+01	-9.30E+01	1.82E+02	2.44E-03	-6.76E+00
2.93E+01	-9.30E+01	1.82E+02	-1.59E-02	-6.75E+00
2.93E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.76E+00
2.93E+01	-9.30E+01	1.82E+02	-3.17E-02	-6.75E+00
2.93E+01	-9.30E+01	1.82E+02	-8.54E-03	-6.75E+00
2.93E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.75E+00
2.94E+01	-9.30E+01	1.82E+02	0.00E+00	-6.74E+00
2.94E+01	-9.30E+01	1.82E+02	-3.42E-02	-6.75E+00
2.94E+01	-9.30E+01	1.82E+02	-6.10E-03	-6.74E+00
2.94E+01	-9.30E+01	1.82E+02	-1.46E-02	-6.73E+00
2.94E+01	-9.30E+01	1.82E+02	-8.06E-02	-6.75E+00
2.95E+01	-9.30E+01	1.82E+02	-1.22E-02	-6.73E+00
2.95E+01	-9.30E+01	1.82E+02	-3.05E-02	-6.73E+00
2.95E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.74E+00
2.95E+01	-9.30E+01	1.82E+02	-1.95E-02	-6.73E+00
2.95E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.74E+00
2.96E+01	-9.30E+01	1.81E+02	2.69E-02	-6.73E+00
2.96E+01	-9.30E+01	1.82E+02	-4.52E-02	-6.73E+00
2.96E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.73E+00
2.96E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.72E+00
2.96E+01	-9.30E+01	1.82E+02	-2.44E-02	-6.72E+00
2.97E+01	-9.30E+01	1.81E+02	-1.59E-02	-6.73E+00
2.97E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.72E+00
2.97E+01	-9.30E+01	1.81E+02	-4.03E-02	-6.72E+00
2.97E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.71E+00
2.97E+01	-9.30E+01	1.81E+02	-2.08E-02	-6.71E+00

2.98E+01	-9.30E+01	1.81E+02	-2.32E-02	-6.72E+00
2.98E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.70E+00
2.98E+01	-9.30E+01	1.81E+02	-1.10E-02	-6.71E+00
2.98E+01	-9.30E+01	1.81E+02	-1.10E-02	-6.71E+00
2.98E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.70E+00
2.99E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.71E+00
2.99E+01	-9.30E+01	1.81E+02	-1.10E-02	-6.70E+00
2.99E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.71E+00
2.99E+01	-9.30E+01	1.81E+02	3.66E-03	-6.70E+00
2.99E+01	-9.30E+01	1.82E+02	-3.91E-02	-6.69E+00
3.00E+01	-9.30E+01	1.81E+02	-8.54E-03	-6.70E+00
3.00E+01	-9.30E+01	1.81E+02	1.22E-03	-6.69E+00
3.00E+01	-9.30E+01	1.81E+02	-2.56E-02	-6.69E+00
3.00E+01	-9.30E+01	1.81E+02	-1.34E-02	-6.70E+00
3.00E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.70E+00
3.01E+01	-9.30E+01	1.81E+02	-3.30E-02	-6.69E+00
3.01E+01	-9.30E+01	1.81E+02	3.66E-03	-6.69E+00
3.01E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.69E+00
3.01E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.69E+00
3.01E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.68E+00
3.02E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.69E+00
3.02E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.65E+00
3.02E+01	-9.30E+01	1.81E+02	-4.39E-02	-6.68E+00
3.02E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.68E+00
3.02E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.67E+00
3.03E+01	-9.30E+01	1.81E+02	-2.56E-02	-6.68E+00
3.03E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.67E+00
3.03E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.66E+00
3.03E+01	-9.30E+01	1.81E+02	-2.81E-02	-6.67E+00
3.03E+01	-9.30E+01	1.81E+02	7.32E-03	-6.67E+00
3.04E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.66E+00
3.04E+01	-9.30E+01	1.81E+02	-2.93E-02	-6.67E+00
3.04E+01	-9.30E+01	1.81E+02	-2.44E-03	-6.66E+00
3.04E+01	-9.30E+01	1.81E+02	4.88E-03	-6.66E+00
3.04E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.66E+00
3.05E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.64E+00
3.05E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.65E+00
3.05E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.65E+00
3.05E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.64E+00
3.05E+01	-9.30E+01	1.81E+02	-4.88E-03	-6.67E+00
3.06E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.65E+00
3.06E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.64E+00
3.06E+01	-9.30E+01	1.81E+02	-3.30E-02	-6.65E+00
3.06E+01	-9.30E+01	1.81E+02	-8.54E-03	-6.64E+00
3.06E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.63E+00
3.07E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.63E+00
3.07E+01	-9.30E+01	1.81E+02	-1.22E-03	-6.64E+00

3.07E+01	-9.30E+01	1.81E+02	-3.17E-02	-6.62E+00
3.07E+01	-9.30E+01	1.81E+02	-1.71E-02	-6.64E+00
3.07E+01	-9.30E+01	1.81E+02	-7.32E-03	-6.62E+00
3.08E+01	-9.30E+01	1.81E+02	-2.69E-02	-6.64E+00
3.08E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.63E+00
3.08E+01	-9.30E+01	1.81E+02	-2.81E-02	-6.62E+00
3.08E+01	-9.30E+01	1.81E+02	-1.95E-02	-6.62E+00
3.08E+01	-9.30E+01	1.81E+02	-9.77E-03	-6.62E+00
3.09E+01	-9.30E+01	1.81E+02	-2.44E-02	-6.62E+00
3.09E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.62E+00
3.09E+01	-9.30E+01	1.81E+02	9.77E-03	-6.60E+00
3.09E+01	-9.30E+01	1.81E+02	-3.30E-02	-6.62E+00
3.09E+01	-9.30E+01	1.81E+02	7.32E-03	-6.61E+00
3.10E+01	-9.30E+01	1.81E+02	-3.42E-02	-6.61E+00
3.10E+01	-9.30E+01	1.81E+02	-1.83E-02	-6.62E+00
3.10E+01	-9.30E+01	1.81E+02	2.32E-02	-6.60E+00
3.10E+01	-9.30E+01	1.81E+02	-1.22E-02	-6.62E+00
3.10E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.61E+00
3.11E+01	-9.30E+01	1.80E+02	-2.56E-02	-6.60E+00
3.11E+01	-9.30E+01	1.81E+02	-2.20E-02	-6.60E+00
3.11E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.60E+00
3.11E+01	-9.30E+01	1.80E+02	-2.08E-02	-6.61E+00
3.11E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.60E+00
3.12E+01	-9.30E+01	1.80E+02	1.34E-02	-6.59E+00
3.12E+01	-9.30E+01	1.80E+02	-3.54E-02	-6.59E+00
3.12E+01	-9.30E+01	1.80E+02	-1.22E-03	-6.59E+00
3.12E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.58E+00
3.12E+01	-9.30E+01	1.80E+02	2.44E-03	-6.59E+00
3.13E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.59E+00
3.13E+01	-9.30E+01	1.81E+02	-1.46E-02	-6.58E+00
3.13E+01	-9.30E+01	1.80E+02	-2.32E-02	-6.59E+00
3.13E+01	-9.30E+01	1.80E+02	2.44E-03	-6.58E+00
3.13E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.58E+00
3.14E+01	-9.30E+01	1.80E+02	1.22E-02	-6.58E+00
3.14E+01	-9.30E+01	1.81E+02	-2.44E-03	-6.56E+00
3.14E+01	-9.30E+01	1.80E+02	-3.54E-02	-6.58E+00
3.14E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.57E+00
3.14E+01	-9.30E+01	1.80E+02	-1.59E-02	-6.57E+00
3.15E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.58E+00
3.15E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.56E+00
3.15E+01	-9.30E+01	1.80E+02	-6.10E-02	-6.57E+00
3.15E+01	-9.30E+01	1.80E+02	1.22E-03	-6.57E+00
3.15E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.56E+00
3.16E+01	-9.30E+01	1.80E+02	-1.59E-02	-6.57E+00
3.16E+01	-9.30E+01	1.80E+02	1.22E-03	-6.56E+00
3.16E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.55E+00
3.16E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.58E+00

3.16E+01	-9.30E+01	1.80E+02	2.44E-03	-6.55E+00
3.17E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.56E+00
3.17E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.55E+00
3.17E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.55E+00
3.17E+01	-9.30E+01	1.80E+02	-3.91E-02	-6.54E+00
3.17E+01	-9.30E+01	1.80E+02	9.77E-03	-6.53E+00
3.18E+01	-9.30E+01	1.80E+02	-3.30E-02	-6.54E+00
3.18E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.55E+00
3.18E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.54E+00
3.18E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.54E+00
3.18E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.56E+00
3.19E+01	-9.30E+01	1.80E+02	1.22E-02	-6.54E+00
3.19E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.53E+00
3.19E+01	-9.30E+01	1.80E+02	6.10E-03	-6.53E+00
3.19E+01	-9.30E+01	1.80E+02	-3.30E-02	-6.53E+00
3.19E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.53E+00
3.20E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.52E+00
3.20E+01	-9.30E+01	1.80E+02	-1.59E-02	-6.54E+00
3.20E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.52E+00
3.20E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.52E+00
3.20E+01	-9.30E+01	1.80E+02	0.00E+00	-6.52E+00
3.21E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.52E+00
3.21E+01	-9.30E+01	1.80E+02	9.77E-03	-6.55E+00
3.21E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.51E+00
3.21E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.52E+00
3.21E+01	-9.30E+01	1.80E+02	-1.22E-03	-6.51E+00
3.22E+01	-9.30E+01	1.80E+02	-3.05E-02	-6.51E+00
3.22E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.51E+00
3.22E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.50E+00
3.22E+01	-9.30E+01	1.80E+02	-3.66E-02	-6.51E+00
3.22E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.50E+00
3.23E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.50E+00
3.23E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.50E+00
3.23E+01	-9.30E+01	1.80E+02	0.00E+00	-6.48E+00
3.23E+01	-9.30E+01	1.80E+02	-7.08E-02	-6.50E+00
3.23E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.50E+00
3.24E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.49E+00
3.24E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.49E+00
3.24E+01	-9.30E+01	1.80E+02	-1.10E-02	-6.49E+00
3.24E+01	-9.30E+01	1.80E+02	-2.32E-02	-6.49E+00
3.24E+01	-9.30E+01	1.80E+02	1.71E-02	-6.49E+00
3.25E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.48E+00
3.25E+01	-9.30E+01	1.80E+02	-1.59E-02	-6.49E+00
3.25E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.47E+00
3.25E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.48E+00
3.25E+01	-9.30E+01	1.80E+02	-2.56E-02	-6.48E+00
3.26E+01	-9.30E+01	1.80E+02	-3.66E-02	-6.47E+00

3.26E+01	-9.30E+01	1.80E+02	-3.05E-02	-6.48E+00
3.26E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.46E+00
3.26E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.48E+00
3.26E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.47E+00
3.27E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.46E+00
3.27E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.47E+00
3.27E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.46E+00
3.27E+01	-9.30E+01	1.80E+02	-2.81E-02	-6.47E+00
3.27E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.46E+00
3.28E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.46E+00
3.28E+01	-9.30E+01	1.80E+02	-4.39E-02	-6.46E+00
3.28E+01	-9.30E+01	1.80E+02	3.66E-03	-6.45E+00
3.28E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.46E+00
3.28E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.45E+00
3.29E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.44E+00
3.29E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.46E+00
3.29E+01	-9.30E+01	1.80E+02	1.59E-02	-6.43E+00
3.29E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.44E+00
3.29E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.45E+00
3.30E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.44E+00
3.30E+01	-9.30E+01	1.80E+02	-2.08E-02	-6.45E+00
3.30E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.43E+00
3.30E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.45E+00
3.30E+01	-9.30E+01	1.80E+02	1.22E-02	-6.42E+00
3.31E+01	-9.30E+01	1.80E+02	-4.39E-02	-6.44E+00
3.31E+01	-9.30E+01	1.80E+02	2.44E-03	-6.43E+00
3.31E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.43E+00
3.31E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.43E+00
3.31E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.42E+00
3.32E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.43E+00
3.32E+01	-9.30E+01	1.80E+02	-3.66E-03	-6.43E+00
3.32E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.41E+00
3.32E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.43E+00
3.32E+01	-9.30E+01	1.80E+02	-1.10E-02	-6.41E+00
3.33E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.42E+00
3.33E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.42E+00
3.33E+01	-9.30E+01	1.80E+02	-2.56E-02	-6.42E+00
3.33E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.42E+00
3.33E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.40E+00
3.34E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.42E+00
3.34E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.40E+00
3.34E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.40E+00
3.34E+01	-9.30E+01	1.80E+02	-3.54E-02	-6.39E+00
3.34E+01	-9.30E+01	1.80E+02	0.00E+00	-6.40E+00
3.35E+01	-9.30E+01	1.80E+02	-3.91E-02	-6.39E+00
3.35E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.40E+00
3.35E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.39E+00

3.35E+01	-9.30E+01	1.80E+02	2.44E-03	-6.40E+00
3.35E+01	-9.30E+01	1.80E+02	4.88E-03	-6.39E+00
3.36E+01	-9.30E+01	1.80E+02	-3.05E-02	-6.39E+00
3.36E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.40E+00
3.36E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.38E+00
3.36E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.39E+00
3.36E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.39E+00
3.37E+01	-9.30E+01	1.79E+02	0.00E+00	-6.39E+00
3.37E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.39E+00
3.37E+01	-9.30E+01	1.80E+02	2.44E-03	-6.38E+00
3.37E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.38E+00
3.37E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.38E+00
3.38E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.37E+00
3.38E+01	-9.30E+01	1.80E+02	-4.64E-02	-6.36E+00
3.38E+01	-9.30E+01	1.80E+02	-1.22E-03	-6.37E+00
3.38E+01	-9.30E+01	1.80E+02	-3.91E-02	-6.36E+00
3.38E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.37E+00
3.39E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.36E+00
3.39E+01	-9.30E+01	1.80E+02	-3.30E-02	-6.37E+00
3.39E+01	-9.30E+01	1.80E+02	-3.66E-03	-6.37E+00
3.39E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.35E+00
3.39E+01	-9.30E+01	1.80E+02	-3.30E-02	-6.37E+00
3.40E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.35E+00
3.40E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.35E+00
3.40E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.36E+00
3.40E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.35E+00
3.40E+01	-9.30E+01	1.80E+02	-2.08E-02	-6.34E+00
3.41E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.36E+00
3.41E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.34E+00
3.41E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.35E+00
3.41E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.34E+00
3.41E+01	-9.30E+01	1.80E+02	-4.15E-02	-6.34E+00
3.42E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.35E+00
3.42E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.33E+00
3.42E+01	-9.30E+01	1.80E+02	-2.08E-02	-6.33E+00
3.42E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.34E+00
3.42E+01	-9.30E+01	1.80E+02	-3.66E-03	-6.33E+00
3.43E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.34E+00
3.43E+01	-9.30E+01	1.80E+02	9.77E-03	-6.33E+00
3.43E+01	-9.30E+01	1.80E+02	-3.66E-03	-6.32E+00
3.43E+01	-9.30E+01	1.80E+02	-2.56E-02	-6.32E+00
3.43E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.33E+00
3.44E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.31E+00
3.44E+01	-9.30E+01	1.80E+02	-3.66E-02	-6.32E+00
3.44E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.31E+00
3.44E+01	-9.30E+01	1.80E+02	-2.32E-02	-6.31E+00
3.44E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.32E+00

3.45E+01	-9.30E+01	1.80E+02	0.00E+00	-6.31E+00
3.45E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.32E+00
3.45E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.32E+00
3.45E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.31E+00
3.45E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.31E+00
3.46E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.31E+00
3.46E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.30E+00
3.46E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.30E+00
3.46E+01	-9.30E+01	1.80E+02	-1.34E-02	-6.32E+00
3.46E+01	-9.30E+01	1.80E+02	1.22E-02	-6.30E+00
3.47E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.31E+00
3.47E+01	-9.30E+01	1.80E+02	1.22E-03	-6.30E+00
3.47E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.30E+00
3.47E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.30E+00
3.47E+01	-9.30E+01	1.80E+02	-3.66E-03	-6.29E+00
3.48E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.30E+00
3.48E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.29E+00
3.48E+01	-9.30E+01	1.80E+02	-1.83E-02	-6.28E+00
3.48E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.29E+00
3.48E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.28E+00
3.49E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.28E+00
3.49E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.28E+00
3.49E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.26E+00
3.49E+01	-9.30E+01	1.80E+02	-2.81E-02	-6.28E+00
3.49E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.27E+00
3.50E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.28E+00
3.50E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.27E+00
3.50E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.27E+00
3.50E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.27E+00
3.50E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.26E+00
3.51E+01	-9.30E+01	1.80E+02	-2.56E-02	-6.27E+00
3.51E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.26E+00
3.51E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.26E+00
3.51E+01	-9.30E+01	1.80E+02	1.71E-02	-6.27E+00
3.51E+01	-9.30E+01	1.80E+02	-3.05E-02	-6.25E+00
3.52E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.26E+00
3.52E+01	-9.30E+01	1.80E+02	-1.22E-03	-6.24E+00
3.52E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.25E+00
3.52E+01	-9.30E+01	1.80E+02	-1.59E-02	-6.26E+00
3.52E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.24E+00
3.53E+01	-9.30E+01	1.80E+02	-4.88E-02	-6.25E+00
3.53E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.24E+00
3.53E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.24E+00
3.53E+01	-9.30E+01	1.80E+02	-2.56E-02	-6.25E+00
3.53E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.23E+00
3.54E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.24E+00
3.54E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.24E+00

3.54E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.22E+00
3.54E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.23E+00
3.54E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.23E+00
3.55E+01	-9.30E+01	1.80E+02	-1.34E-02	-6.22E+00
3.55E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.24E+00
3.55E+01	-9.30E+01	1.79E+02	-3.66E-03	-6.22E+00
3.55E+01	-9.30E+01	1.80E+02	-1.59E-02	-6.22E+00
3.55E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.23E+00
3.56E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.22E+00
3.56E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.22E+00
3.56E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.23E+00
3.56E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.21E+00
3.56E+01	-9.30E+01	1.80E+02	-3.17E-02	-6.22E+00
3.57E+01	-9.30E+01	1.80E+02	2.44E-03	-6.21E+00
3.57E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.21E+00
3.57E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.22E+00
3.57E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.20E+00
3.57E+01	-9.30E+01	1.80E+02	2.44E-03	-6.21E+00
3.58E+01	-9.30E+01	1.80E+02	1.22E-03	-6.21E+00
3.58E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.19E+00
3.58E+01	-9.30E+01	1.80E+02	-2.32E-02	-6.20E+00
3.58E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.20E+00
3.58E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.19E+00
3.59E+01	-9.30E+01	1.80E+02	-3.66E-02	-6.21E+00
3.59E+01	-9.30E+01	1.80E+02	1.46E-02	-6.20E+00
3.59E+01	-9.30E+01	1.80E+02	-3.42E-02	-6.19E+00
3.59E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.20E+00
3.59E+01	-9.30E+01	1.80E+02	-4.88E-03	-6.18E+00
3.60E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.19E+00
3.60E+01	-9.30E+01	1.80E+02	-2.08E-02	-6.19E+00
3.60E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.17E+00
3.60E+01	-9.30E+01	1.80E+02	-3.66E-02	-6.18E+00
3.60E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.19E+00
3.61E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.17E+00
3.61E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.18E+00
3.61E+01	-9.30E+01	1.80E+02	4.88E-03	-6.18E+00
3.61E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.17E+00
3.61E+01	-9.30E+01	1.80E+02	-3.30E-02	-6.17E+00
3.62E+01	-9.30E+01	1.80E+02	-1.22E-03	-6.17E+00
3.62E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.16E+00
3.62E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.17E+00
3.62E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.17E+00
3.62E+01	-9.30E+01	1.80E+02	-5.49E-02	-6.17E+00
3.63E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.17E+00
3.63E+01	-9.30E+01	1.80E+02	-1.46E-02	-6.15E+00
3.63E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.16E+00
3.63E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.16E+00

3.63E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.15E+00
3.64E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.16E+00
3.64E+01	-9.30E+01	1.80E+02	2.44E-03	-6.16E+00
3.64E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.14E+00
3.64E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.16E+00
3.64E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.14E+00
3.65E+01	-9.30E+01	1.80E+02	-1.10E-02	-6.15E+00
3.65E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.15E+00
3.65E+01	-9.30E+01	1.80E+02	-1.83E-02	-6.14E+00
3.65E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.15E+00
3.65E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.14E+00
3.66E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.14E+00
3.66E+01	-9.30E+01	1.80E+02	-1.22E-02	-6.15E+00
3.66E+01	-9.30E+01	1.80E+02	7.32E-03	-6.13E+00
3.66E+01	-9.30E+01	1.80E+02	-3.78E-02	-6.14E+00
3.66E+01	-9.30E+01	1.80E+02	0.00E+00	-6.13E+00
3.67E+01	-9.30E+01	1.80E+02	-1.71E-02	-6.12E+00
3.67E+01	-9.30E+01	1.80E+02	-1.95E-02	-6.13E+00
3.67E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.12E+00
3.67E+01	-9.30E+01	1.80E+02	-1.59E-02	-6.12E+00
3.67E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.12E+00
3.68E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.11E+00
3.68E+01	-9.30E+01	1.80E+02	-2.69E-02	-6.12E+00
3.68E+01	-9.30E+01	1.80E+02	-1.59E-02	-6.12E+00
3.68E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.10E+00
3.68E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.11E+00
3.69E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.12E+00
3.69E+01	-9.30E+01	1.80E+02	-9.77E-03	-6.10E+00
3.69E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.11E+00
3.69E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.10E+00
3.69E+01	-9.30E+01	1.80E+02	-1.34E-02	-6.10E+00
3.70E+01	-9.30E+01	1.80E+02	-4.64E-02	-6.11E+00
3.70E+01	-9.30E+01	1.80E+02	0.00E+00	-6.10E+00
3.70E+01	-9.30E+01	1.80E+02	-2.93E-02	-6.10E+00
3.70E+01	-9.30E+01	1.80E+02	-6.10E-03	-6.11E+00
3.70E+01	-9.30E+01	1.80E+02	-7.32E-03	-6.09E+00
3.71E+01	-9.30E+01	1.80E+02	-2.20E-02	-6.09E+00
3.71E+01	-9.30E+01	1.79E+02	-4.39E-02	-6.08E+00
3.71E+01	-9.30E+01	1.80E+02	1.95E-02	-6.09E+00
3.71E+01	-9.30E+01	1.80E+02	-3.66E-02	-6.09E+00
3.71E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.10E+00
3.72E+01	-9.30E+01	1.80E+02	-8.54E-03	-6.08E+00
3.72E+01	-9.30E+01	1.79E+02	-3.05E-02	-6.09E+00
3.72E+01	-9.30E+01	1.80E+02	-2.44E-03	-6.07E+00
3.72E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.08E+00
3.72E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.09E+00
3.73E+01	-9.30E+01	1.79E+02	-1.22E-03	-6.08E+00

3.73E+01	-9.30E+01	1.80E+02	-2.44E-02	-6.07E+00
3.73E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.08E+00
3.73E+01	-9.30E+01	1.79E+02	2.81E-02	-6.07E+00
3.73E+01	-9.30E+01	1.79E+02	-2.81E-02	-6.06E+00
3.74E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.07E+00
3.74E+01	-9.30E+01	1.79E+02	-3.66E-03	-6.06E+00
3.74E+01	-9.30E+01	1.79E+02	-1.83E-02	-6.08E+00
3.74E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.06E+00
3.74E+01	-9.30E+01	1.79E+02	-2.81E-02	-6.07E+00
3.75E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.07E+00
3.75E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.05E+00
3.75E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.06E+00
3.75E+01	-9.30E+01	1.79E+02	-8.54E-03	-6.05E+00
3.75E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.05E+00
3.76E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.05E+00
3.76E+01	-9.30E+01	1.79E+02	-1.22E-02	-6.04E+00
3.76E+01	-9.30E+01	1.79E+02	-4.64E-02	-6.05E+00
3.76E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.05E+00
3.76E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.04E+00
3.77E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.05E+00
3.77E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.04E+00
3.77E+01	-9.30E+01	1.79E+02	-1.71E-02	-6.04E+00
3.77E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.04E+00
3.77E+01	-9.30E+01	1.79E+02	2.44E-03	-6.04E+00
3.78E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.03E+00
3.78E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.04E+00
3.78E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.02E+00
3.78E+01	-9.30E+01	1.79E+02	-3.66E-02	-6.04E+00
3.78E+01	-9.30E+01	1.79E+02	-1.10E-02	-6.03E+00
3.79E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.03E+00
3.79E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.03E+00
3.79E+01	-9.30E+01	1.79E+02	-4.88E-03	-6.01E+00
3.79E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.01E+00
3.79E+01	-9.30E+01	1.79E+02	2.20E-02	-6.02E+00
3.80E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.02E+00
3.80E+01	-9.30E+01	1.79E+02	-2.20E-02	-6.02E+00
3.80E+01	-9.30E+01	1.79E+02	2.44E-03	-6.01E+00
3.80E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.01E+00
3.80E+01	-9.30E+01	1.79E+02	-1.34E-02	-6.02E+00
3.81E+01	-9.30E+01	1.79E+02	-4.03E-02	-6.00E+00
3.81E+01	-9.30E+01	1.79E+02	-3.42E-02	-6.01E+00
3.81E+01	-9.30E+01	1.79E+02	1.46E-02	-6.00E+00
3.81E+01	-9.30E+01	1.79E+02	-2.44E-02	-6.00E+00
3.81E+01	-9.30E+01	1.79E+02	-1.46E-02	-6.01E+00
3.82E+01	-9.30E+01	1.79E+02	-8.54E-03	-5.99E+00
3.82E+01	-9.30E+01	1.79E+02	-2.69E-02	-6.00E+00
3.82E+01	-9.30E+01	1.79E+02	7.32E-03	-5.99E+00

3.82E+01	-9.30E+01	1.79E+02	-7.32E-03	-6.00E+00
3.82E+01	-9.30E+01	1.79E+02	-1.95E-02	-6.00E+00
3.83E+01	-9.30E+01	1.79E+02	-9.77E-03	-6.00E+00
3.83E+01	-9.30E+01	1.79E+02	-1.71E-02	-5.99E+00
3.83E+01	-9.30E+01	1.79E+02	-4.88E-02	-6.00E+00
3.83E+01	-9.30E+01	1.79E+02	0.00E+00	-5.99E+00
3.83E+01	-9.30E+01	1.79E+02	-3.17E-02	-5.98E+00
3.84E+01	-9.30E+01	1.79E+02	-1.22E-03	-5.99E+00
3.84E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.98E+00
3.84E+01	-9.30E+01	1.79E+02	-1.83E-02	-5.99E+00
3.84E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.96E+00
3.84E+01	-9.30E+01	1.79E+02	-6.10E-03	-5.98E+00
3.85E+01	-9.30E+01	1.79E+02	-2.44E-03	-5.98E+00
3.85E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.97E+00
3.85E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.98E+00
3.85E+01	-9.30E+01	1.79E+02	-1.34E-02	-5.96E+00
3.85E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.96E+00
3.86E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.98E+00
3.86E+01	-9.30E+01	1.79E+02	-1.22E-03	-5.96E+00
3.86E+01	-9.30E+01	1.79E+02	-3.42E-02	-5.97E+00
3.86E+01	-9.30E+01	1.79E+02	-4.88E-03	-5.97E+00
3.86E+01	-9.30E+01	1.79E+02	-1.22E-02	-5.95E+00
3.87E+01	-9.30E+01	1.79E+02	3.66E-03	-5.97E+00
3.87E+01	-9.30E+01	1.79E+02	-2.44E-03	-5.96E+00
3.87E+01	-9.30E+01	1.79E+02	-1.10E-02	-5.96E+00
3.87E+01	-9.30E+01	1.79E+02	-2.20E-02	-5.96E+00
3.87E+01	-9.30E+01	1.78E+02	0.00E+00	-5.95E+00
3.88E+01	-9.30E+01	1.79E+02	-2.20E-02	-5.95E+00
3.88E+01	-9.30E+01	1.78E+02	1.22E-03	-5.96E+00
3.88E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.94E+00
3.88E+01	-9.30E+01	1.79E+02	-3.91E-02	-5.95E+00
3.88E+01	-9.30E+01	1.79E+02	-8.54E-03	-5.94E+00
3.89E+01	-9.30E+01	1.79E+02	-1.83E-02	-5.93E+00
3.89E+01	-9.30E+01	1.79E+02	-2.20E-02	-5.95E+00
3.89E+01	-9.30E+01	1.79E+02	-7.32E-03	-5.93E+00
3.89E+01	-9.30E+01	1.78E+02	-5.74E-02	-5.95E+00
3.89E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.93E+00
3.90E+01	-9.30E+01	1.79E+02	-1.71E-02	-5.93E+00
3.90E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.94E+00
3.90E+01	-9.30E+01	1.79E+02	-9.77E-03	-5.92E+00
3.90E+01	-9.30E+01	1.79E+02	-2.32E-02	-5.93E+00
3.90E+01	-9.30E+01	1.79E+02	-3.30E-02	-5.93E+00
3.91E+01	-9.30E+01	1.79E+02	-1.71E-02	-5.92E+00
3.91E+01	-9.30E+01	1.78E+02	-1.83E-02	-5.92E+00
3.91E+01	-9.30E+01	1.79E+02	-7.32E-03	-5.91E+00
3.91E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.92E+00
3.91E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.91E+00

3.92E+01	-9.30E+01	1.79E+02	-2.08E-02	-5.92E+00
3.92E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.93E+00
3.92E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.90E+00
3.92E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.92E+00
3.92E+01	-9.30E+01	1.79E+02	1.22E-03	-5.91E+00
3.93E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.91E+00
3.93E+01	-9.30E+01	1.78E+02	-8.54E-03	-5.91E+00
3.93E+01	-9.30E+01	1.79E+02	-9.77E-03	-5.89E+00
3.93E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.91E+00
3.93E+01	-9.30E+01	1.79E+02	4.88E-03	-5.90E+00
3.94E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.90E+00
3.94E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.91E+00
3.94E+01	-9.30E+01	1.79E+02	-1.22E-02	-5.89E+00
3.94E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.90E+00
3.94E+01	-9.30E+01	1.79E+02	0.00E+00	-5.89E+00
3.95E+01	-9.30E+01	1.79E+02	-4.15E-02	-5.88E+00
3.95E+01	-9.30E+01	1.78E+02	2.44E-03	-5.89E+00
3.95E+01	-9.30E+01	1.79E+02	-9.77E-03	-5.88E+00
3.95E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.89E+00
3.95E+01	-9.30E+01	1.79E+02	-1.22E-02	-5.88E+00
3.96E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.88E+00
3.96E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.88E+00
3.96E+01	-9.30E+01	1.79E+02	9.77E-03	-5.88E+00
3.96E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.87E+00
3.96E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.88E+00
3.97E+01	-9.30E+01	1.79E+02	1.34E-02	-5.88E+00
3.97E+01	-9.30E+01	1.79E+02	-3.05E-02	-5.87E+00
3.97E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.87E+00
3.97E+01	-9.30E+01	1.79E+02	-1.22E-03	-5.86E+00
3.97E+01	-9.30E+01	1.79E+02	-2.20E-02	-5.87E+00
3.98E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.87E+00
3.98E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.87E+00
3.98E+01	-9.30E+01	1.79E+02	-2.81E-02	-5.86E+00
3.98E+01	-9.30E+01	1.78E+02	-1.22E-03	-5.85E+00
3.98E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.86E+00
3.99E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.86E+00
3.99E+01	-9.30E+01	1.79E+02	-1.46E-02	-5.85E+00
3.99E+01	-9.30E+01	1.79E+02	-2.44E-03	-5.86E+00
3.99E+01	-9.30E+01	1.79E+02	-9.77E-03	-5.85E+00
3.99E+01	-9.30E+01	1.79E+02	-3.17E-02	-5.85E+00
4.00E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.85E+00
4.00E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.84E+00
4.00E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.85E+00
4.00E+01	-9.30E+01	1.79E+02	-3.05E-02	-5.84E+00
4.00E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.83E+00
4.01E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.85E+00
4.01E+01	-9.30E+01	1.79E+02	7.32E-03	-5.84E+00

4.01E+01	-9.30E+01	1.79E+02	-3.54E-02	-5.84E+00
4.01E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.84E+00
4.01E+01	-9.30E+01	1.79E+02	-9.77E-03	-5.83E+00
4.02E+01	-9.30E+01	1.79E+02	-4.15E-02	-5.84E+00
4.02E+01	-9.30E+01	1.78E+02	1.22E-03	-5.83E+00
4.02E+01	-9.30E+01	1.79E+02	-2.44E-02	-5.83E+00
4.02E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.83E+00
4.02E+01	-9.30E+01	1.79E+02	-6.10E-03	-5.82E+00
4.03E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.83E+00
4.03E+01	-9.30E+01	1.78E+02	3.66E-03	-5.82E+00
4.03E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.82E+00
4.03E+01	-9.30E+01	1.79E+02	-1.71E-02	-5.82E+00
4.03E+01	-9.30E+01	1.78E+02	9.77E-03	-5.82E+00
4.04E+01	-9.30E+01	1.79E+02	-1.22E-02	-5.81E+00
4.04E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.82E+00
4.04E+01	-9.30E+01	1.79E+02	-4.88E-03	-5.79E+00
4.04E+01	-9.30E+01	1.79E+02	-3.42E-02	-5.82E+00
4.04E+01	-9.30E+01	1.78E+02	2.44E-03	-5.81E+00
4.05E+01	-9.30E+01	1.78E+02	-1.83E-02	-5.80E+00
4.05E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.81E+00
4.05E+01	-9.30E+01	1.78E+02	-6.10E-03	-5.81E+00
4.05E+01	-9.30E+01	1.79E+02	-1.71E-02	-5.80E+00
4.05E+01	-9.30E+01	1.78E+02	-3.66E-02	-5.82E+00
4.06E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.80E+00
4.06E+01	-9.30E+01	1.79E+02	-3.17E-02	-5.80E+00
4.06E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.80E+00
4.06E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.79E+00
4.06E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.81E+00
4.07E+01	-9.30E+01	1.78E+02	1.22E-03	-5.78E+00
4.07E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.79E+00
4.07E+01	-9.30E+01	1.78E+02	0.00E+00	-5.79E+00
4.07E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.78E+00
4.07E+01	-9.30E+01	1.78E+02	-1.59E-02	-5.79E+00
4.08E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.77E+00
4.08E+01	-9.30E+01	1.78E+02	-1.83E-02	-5.78E+00
4.08E+01	-9.30E+01	1.78E+02	2.44E-03	-5.78E+00
4.08E+01	-9.30E+01	1.79E+02	-9.77E-03	-5.77E+00
4.08E+01	-9.30E+01	1.78E+02	-2.32E-02	-5.78E+00
4.09E+01	-9.30E+01	1.78E+02	-8.54E-03	-5.77E+00
4.09E+01	-9.30E+01	1.78E+02	2.08E-02	-5.78E+00
4.09E+01	-9.30E+01	1.78E+02	-6.10E-03	-5.78E+00
4.09E+01	-9.30E+01	1.79E+02	-7.32E-03	-5.77E+00
4.09E+01	-9.30E+01	1.78E+02	-3.42E-02	-5.77E+00
4.10E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.77E+00
4.10E+01	-9.30E+01	1.78E+02	-1.34E-02	-5.76E+00
4.10E+01	-9.30E+01	1.78E+02	-3.91E-02	-5.77E+00
4.10E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.76E+00

4.10E+01	-9.30E+01	1.78E+02	-2.08E-02	-5.75E+00
4.11E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.76E+00
4.11E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.75E+00
4.11E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.76E+00
4.11E+01	-9.30E+01	1.78E+02	-6.10E-03	-5.73E+00
4.11E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.75E+00
4.12E+01	-9.30E+01	1.78E+02	-3.17E-02	-5.75E+00
4.12E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.74E+00
4.12E+01	-9.30E+01	1.78E+02	-3.42E-02	-5.75E+00
4.12E+01	-9.30E+01	1.78E+02	-6.10E-03	-5.74E+00
4.12E+01	-9.30E+01	1.79E+02	-1.95E-02	-5.73E+00
4.13E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.76E+00
4.13E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.73E+00
4.13E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.73E+00
4.13E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.74E+00
4.13E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.73E+00
4.14E+01	-9.30E+01	1.79E+02	-2.20E-02	-5.73E+00
4.14E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.74E+00
4.14E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.72E+00
4.14E+01	-9.30E+01	1.78E+02	-4.39E-02	-5.73E+00
4.14E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.73E+00
4.15E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.71E+00
4.15E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.73E+00
4.15E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.72E+00
4.15E+01	-9.30E+01	1.79E+02	-2.69E-02	-5.72E+00
4.15E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.72E+00
4.16E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.72E+00
4.16E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.71E+00
4.16E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.72E+00
4.16E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.70E+00
4.16E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.70E+00
4.17E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.71E+00
4.17E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.70E+00
4.17E+01	-9.30E+01	1.78E+02	-3.54E-02	-5.70E+00
4.17E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.70E+00
4.17E+01	-9.30E+01	1.79E+02	-1.71E-02	-5.70E+00
4.18E+01	-9.30E+01	1.78E+02	-3.05E-02	-5.70E+00
4.18E+01	-9.30E+01	1.79E+02	-1.34E-02	-5.70E+00
4.18E+01	-9.30E+01	1.78E+02	-2.56E-02	-5.70E+00
4.18E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.69E+00
4.18E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.69E+00
4.19E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.69E+00
4.19E+01	-9.30E+01	1.78E+02	-4.64E-02	-5.69E+00
4.19E+01	-9.30E+01	1.78E+02	-4.27E-02	-5.69E+00
4.19E+01	-9.30E+01	1.79E+02	-8.54E-03	-5.68E+00
4.19E+01	-9.30E+01	1.78E+02	-2.32E-02	-5.68E+00
4.20E+01	-9.30E+01	1.78E+02	2.44E-03	-5.68E+00

4.20E+01	-9.30E+01	1.78E+02	-2.32E-02	-5.68E+00
4.20E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.67E+00
4.20E+01	-9.30E+01	1.79E+02	-2.93E-02	-5.67E+00
4.20E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.68E+00
4.21E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.66E+00
4.21E+01	-9.30E+01	1.78E+02	-3.17E-02	-5.67E+00
4.21E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.67E+00
4.21E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.66E+00
4.21E+01	-9.30E+01	1.78E+02	2.44E-03	-5.68E+00
4.22E+01	-9.30E+01	1.78E+02	-2.08E-02	-5.66E+00
4.22E+01	-9.30E+01	1.78E+02	-3.66E-02	-5.66E+00
4.22E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.67E+00
4.22E+01	-9.30E+01	1.79E+02	-7.32E-03	-5.65E+00
4.22E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.66E+00
4.23E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.64E+00
4.23E+01	-9.30E+01	1.78E+02	-4.39E-02	-5.65E+00
4.23E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.66E+00
4.23E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.64E+00
4.23E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.65E+00
4.24E+01	-9.30E+01	1.78E+02	-3.66E-03	-5.63E+00
4.24E+01	-9.30E+01	1.78E+02	-2.32E-02	-5.65E+00
4.24E+01	-9.30E+01	1.78E+02	-1.22E-03	-5.66E+00
4.24E+01	-9.30E+01	1.78E+02	-2.08E-02	-5.64E+00
4.24E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.65E+00
4.25E+01	-9.30E+01	1.78E+02	-8.54E-03	-5.64E+00
4.25E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.64E+00
4.25E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.63E+00
4.25E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.62E+00
4.25E+01	-9.30E+01	1.78E+02	-2.08E-02	-5.63E+00
4.26E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.62E+00
4.26E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.63E+00
4.26E+01	-9.30E+01	1.78E+02	-1.34E-02	-5.62E+00
4.26E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.63E+00
4.26E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.62E+00
4.27E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.61E+00
4.27E+01	-9.30E+01	1.78E+02	-2.81E-02	-5.63E+00
4.27E+01	-9.30E+01	1.78E+02	4.88E-03	-5.61E+00
4.27E+01	-9.30E+01	1.78E+02	-2.81E-02	-5.61E+00
4.27E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.62E+00
4.28E+01	-9.30E+01	1.78E+02	2.20E-02	-5.60E+00
4.28E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.61E+00
4.28E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.61E+00
4.28E+01	-9.30E+01	1.78E+02	-3.91E-02	-5.61E+00
4.28E+01	-9.30E+01	1.78E+02	-8.54E-03	-5.61E+00
4.29E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.60E+00
4.29E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.61E+00
4.29E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.60E+00

4.29E+01	-9.30E+01	1.78E+02	-4.15E-02	-5.61E+00
4.29E+01	-9.30E+01	1.78E+02	0.00E+00	-5.60E+00
4.30E+01	-9.30E+01	1.78E+02	-3.42E-02	-5.58E+00
4.30E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.60E+00
4.30E+01	-9.30E+01	1.78E+02	-3.66E-03	-5.58E+00
4.30E+01	-9.30E+01	1.78E+02	-3.42E-02	-5.60E+00
4.30E+01	-9.30E+01	1.78E+02	-3.66E-03	-5.59E+00
4.31E+01	-9.30E+01	1.78E+02	-3.17E-02	-5.58E+00
4.31E+01	-9.30E+01	1.78E+02	-2.08E-02	-5.59E+00
4.31E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.58E+00
4.31E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.58E+00
4.31E+01	-9.30E+01	1.78E+02	-1.71E-02	-5.60E+00
4.32E+01	-9.30E+01	1.78E+02	-2.44E-03	-5.58E+00
4.32E+01	-9.30E+01	1.78E+02	-4.64E-02	-5.58E+00
4.32E+01	-9.30E+01	1.78E+02	-1.22E-03	-5.58E+00
4.32E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.57E+00
4.32E+01	-9.30E+01	1.78E+02	-2.93E-02	-5.58E+00
4.33E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.57E+00
4.33E+01	-9.30E+01	1.78E+02	6.10E-03	-5.56E+00
4.33E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.57E+00
4.33E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.56E+00
4.33E+01	-9.30E+01	1.78E+02	-1.83E-02	-5.56E+00
4.34E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.57E+00
4.34E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.55E+00
4.34E+01	-9.30E+01	1.78E+02	-3.17E-02	-5.55E+00
4.34E+01	-9.30E+01	1.78E+02	2.69E-02	-5.56E+00
4.34E+01	-9.30E+01	1.78E+02	-1.34E-02	-5.55E+00
4.35E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.56E+00
4.35E+01	-9.30E+01	1.78E+02	-6.10E-03	-5.55E+00
4.35E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.55E+00
4.35E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.55E+00
4.35E+01	-9.30E+01	1.78E+02	1.95E-02	-5.55E+00
4.36E+01	-9.30E+01	1.78E+02	-3.17E-02	-5.54E+00
4.36E+01	-9.30E+01	1.78E+02	-9.77E-03	-5.55E+00
4.36E+01	-9.30E+01	1.78E+02	-2.08E-02	-5.53E+00
4.36E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.55E+00
4.36E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.53E+00
4.37E+01	-9.30E+01	1.78E+02	-3.17E-02	-5.54E+00
4.37E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.54E+00
4.37E+01	-9.30E+01	1.78E+02	-1.10E-02	-5.52E+00
4.37E+01	-9.30E+01	1.78E+02	-3.05E-02	-5.54E+00
4.37E+01	-9.30E+01	1.78E+02	-7.32E-03	-5.53E+00
4.38E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.53E+00
4.38E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.53E+00
4.38E+01	-9.30E+01	1.78E+02	1.46E-02	-5.52E+00
4.38E+01	-9.30E+01	1.77E+02	-3.05E-02	-5.53E+00
4.38E+01	-9.30E+01	1.78E+02	-1.95E-02	-5.52E+00

4.39E+01	-9.30E+01	1.78E+02	-1.46E-02	-5.52E+00
4.39E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.53E+00
4.39E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.51E+00
4.39E+01	-9.30E+01	1.78E+02	-2.20E-02	-5.52E+00
4.39E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.51E+00
4.40E+01	-9.30E+01	1.78E+02	2.44E-03	-5.51E+00
4.40E+01	-9.30E+01	1.78E+02	-3.42E-02	-5.51E+00
4.40E+01	-9.30E+01	1.77E+02	-1.34E-02	-5.51E+00
4.40E+01	-9.30E+01	1.78E+02	-1.22E-02	-5.50E+00
4.40E+01	-9.30E+01	1.78E+02	-2.69E-02	-5.51E+00
4.41E+01	-9.30E+01	1.77E+02	1.22E-02	-5.51E+00
4.41E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.50E+00
4.41E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.50E+00
4.41E+01	-9.30E+01	1.78E+02	-1.59E-02	-5.49E+00
4.41E+01	-9.30E+01	1.77E+02	-2.56E-02	-5.50E+00
4.42E+01	-9.30E+01	1.77E+02	1.22E-03	-5.49E+00
4.42E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.49E+00
4.42E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.50E+00
4.42E+01	-9.30E+01	1.78E+02	-4.88E-03	-5.48E+00
4.42E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.49E+00
4.43E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.48E+00
4.43E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.48E+00
4.43E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.48E+00
4.43E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.49E+00
4.43E+01	-9.30E+01	1.77E+02	-4.64E-02	-5.48E+00
4.44E+01	-9.30E+01	1.77E+02	4.88E-03	-5.47E+00
4.44E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.47E+00
4.44E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.48E+00
4.44E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.47E+00
4.44E+01	-9.30E+01	1.77E+02	-3.30E-02	-5.48E+00
4.45E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.47E+00
4.45E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.46E+00
4.45E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.47E+00
4.45E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.47E+00
4.45E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.45E+00
4.46E+01	-9.30E+01	1.77E+02	-2.08E-02	-5.46E+00
4.46E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.46E+00
4.46E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.45E+00
4.46E+01	-9.30E+01	1.77E+02	-1.59E-02	-5.45E+00
4.46E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.44E+00
4.47E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.45E+00
4.47E+01	-9.30E+01	1.77E+02	0.00E+00	-5.45E+00
4.47E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.44E+00
4.47E+01	-9.30E+01	1.77E+02	1.95E-02	-5.45E+00
4.47E+01	-9.30E+01	1.77E+02	3.66E-03	-5.44E+00
4.48E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.44E+00
4.48E+01	-9.30E+01	1.77E+02	-2.81E-02	-5.44E+00

4.48E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.43E+00
4.48E+01	-9.30E+01	1.77E+02	-2.32E-02	-5.44E+00
4.48E+01	-9.30E+01	1.77E+02	-6.10E-03	-5.45E+00
4.49E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.43E+00
4.49E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.44E+00
4.49E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.43E+00
4.49E+01	-9.30E+01	1.77E+02	-2.81E-02	-5.43E+00
4.49E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.43E+00
4.50E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.42E+00
4.50E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.44E+00
4.50E+01	-9.30E+01	1.77E+02	-1.22E-03	-5.42E+00
4.50E+01	-9.30E+01	1.77E+02	-3.30E-02	-5.42E+00
4.50E+01	-9.30E+01	1.77E+02	-1.10E-02	-5.42E+00
4.51E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.41E+00
4.51E+01	-9.30E+01	1.77E+02	-2.08E-02	-5.43E+00
4.51E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.41E+00
4.51E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.42E+00
4.51E+01	-9.30E+01	1.77E+02	-1.83E-02	-5.41E+00
4.52E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.40E+00
4.52E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.41E+00
4.52E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.40E+00
4.52E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.41E+00
4.52E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.41E+00
4.53E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.40E+00
4.53E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.39E+00
4.53E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.41E+00
4.53E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.39E+00
4.53E+01	-9.30E+01	1.78E+02	-2.44E-02	-5.40E+00
4.54E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.39E+00
4.54E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.39E+00
4.54E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.39E+00
4.54E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.39E+00
4.54E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.38E+00
4.55E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.39E+00
4.55E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.38E+00
4.55E+01	-9.30E+01	1.77E+02	-2.93E-02	-5.38E+00
4.55E+01	-9.30E+01	1.77E+02	2.44E-03	-5.39E+00
4.55E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.37E+00
4.56E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.38E+00
4.56E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.38E+00
4.56E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.37E+00
4.56E+01	-9.30E+01	1.77E+02	-2.32E-02	-5.38E+00
4.56E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.36E+00
4.57E+01	-9.30E+01	1.77E+02	-4.15E-02	-5.36E+00
4.57E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.37E+00
4.57E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.36E+00
4.57E+01	-9.30E+01	1.77E+02	7.32E-03	-5.37E+00

4.57E+01	-9.30E+01	1.77E+02	-8.54E-03	-5.37E+00
4.58E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.35E+00
4.58E+01	-9.30E+01	1.76E+02	-3.05E-02	-5.37E+00
4.58E+01	-9.30E+01	1.76E+02	2.44E-03	-5.35E+00
4.58E+01	-9.30E+01	1.77E+02	-1.83E-02	-5.35E+00
4.58E+01	-9.30E+01	1.77E+02	-1.59E-02	-5.34E+00
4.59E+01	-9.30E+01	1.77E+02	1.95E-02	-5.35E+00
4.59E+01	-9.30E+01	1.77E+02	-3.91E-02	-5.35E+00
4.59E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.35E+00
4.59E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.34E+00
4.59E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.35E+00
4.60E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.33E+00
4.60E+01	-9.30E+01	1.77E+02	-1.34E-02	-5.34E+00
4.60E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.34E+00
4.60E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.33E+00
4.60E+01	-9.30E+01	1.77E+02	-1.71E-02	-5.34E+00
4.61E+01	-9.30E+01	1.77E+02	-9.77E-03	-5.33E+00
4.61E+01	-9.30E+01	1.77E+02	-2.56E-02	-5.34E+00
4.61E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.32E+00
4.61E+01	-9.30E+01	1.77E+02	2.93E-02	-5.32E+00
4.61E+01	-9.30E+01	1.77E+02	-4.64E-02	-5.33E+00
4.62E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.32E+00
4.62E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.32E+00
4.62E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.33E+00
4.62E+01	-9.30E+01	1.77E+02	-2.44E-03	-5.32E+00
4.62E+01	-9.30E+01	1.77E+02	-5.86E-02	-5.31E+00
4.63E+01	-9.30E+01	1.76E+02	9.77E-03	-5.32E+00
4.63E+01	-9.30E+01	1.77E+02	-2.44E-02	-5.31E+00
4.63E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.32E+00
4.63E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.31E+00
4.63E+01	-9.30E+01	1.77E+02	-1.46E-02	-5.31E+00
4.64E+01	-9.30E+01	1.77E+02	-2.56E-02	-5.30E+00
4.64E+01	-9.30E+01	1.77E+02	8.54E-03	-5.31E+00
4.64E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.30E+00
4.64E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.31E+00
4.64E+01	-9.30E+01	1.77E+02	-1.22E-02	-5.30E+00
4.65E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.30E+00
4.65E+01	-9.30E+01	1.76E+02	-1.83E-02	-5.30E+00
4.65E+01	-9.30E+01	1.77E+02	7.32E-03	-5.28E+00
4.65E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.29E+00
4.65E+01	-9.30E+01	1.76E+02	1.22E-02	-5.29E+00
4.66E+01	-9.30E+01	1.77E+02	-1.95E-02	-5.29E+00
4.66E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.29E+00
4.66E+01	-9.30E+01	1.77E+02	-1.34E-02	-5.28E+00
4.66E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.28E+00
4.66E+01	-9.30E+01	1.76E+02	3.17E-02	-5.28E+00
4.67E+01	-9.30E+01	1.77E+02	-2.20E-02	-5.28E+00

4.67E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.28E+00
4.67E+01	-9.30E+01	1.77E+02	-2.69E-02	-5.28E+00
4.67E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.28E+00
4.67E+01	-9.30E+01	1.77E+02	-4.88E-03	-5.27E+00
4.68E+01	-9.30E+01	1.77E+02	-2.81E-02	-5.30E+00
4.68E+01	-9.30E+01	1.76E+02	-2.32E-02	-5.27E+00
4.68E+01	-9.30E+01	1.77E+02	-3.17E-02	-5.27E+00
4.68E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.28E+00
4.68E+01	-9.30E+01	1.77E+02	-7.32E-03	-5.26E+00
4.69E+01	-9.30E+01	1.76E+02	-3.42E-02	-5.27E+00
4.69E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.25E+00
4.69E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.26E+00
4.69E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.27E+00
4.69E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.26E+00
4.70E+01	-9.30E+01	1.77E+02	-1.83E-02	-5.26E+00
4.70E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.26E+00
4.70E+01	-9.30E+01	1.76E+02	3.66E-03	-5.25E+00
4.70E+01	-9.30E+01	1.76E+02	-2.32E-02	-5.26E+00
4.70E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.26E+00
4.71E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.24E+00
4.71E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.25E+00
4.71E+01	-9.30E+01	1.76E+02	-3.66E-03	-5.25E+00
4.71E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.24E+00
4.71E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.23E+00
4.72E+01	-9.30E+01	1.77E+02	1.95E-02	-5.23E+00
4.72E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.24E+00
4.72E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.25E+00
4.72E+01	-9.30E+01	1.76E+02	4.88E-03	-5.23E+00
4.72E+01	-9.30E+01	1.77E+02	-3.42E-02	-5.24E+00
4.73E+01	-9.30E+01	1.76E+02	0.00E+00	-5.24E+00
4.73E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.22E+00
4.73E+01	-9.30E+01	1.76E+02	-2.81E-02	-5.23E+00
4.73E+01	-9.30E+01	1.76E+02	-1.10E-02	-5.22E+00
4.73E+01	-9.30E+01	1.76E+02	-2.44E-03	-5.22E+00
4.74E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.23E+00
4.74E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.22E+00
4.74E+01	-9.30E+01	1.77E+02	-2.56E-02	-5.22E+00
4.74E+01	-9.30E+01	1.76E+02	-1.34E-02	-5.23E+00
4.74E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.21E+00
4.75E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.21E+00
4.75E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.21E+00
4.75E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.21E+00
4.75E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.22E+00
4.75E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.19E+00
4.76E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.21E+00
4.76E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.20E+00
4.76E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.21E+00

4.76E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.21E+00
4.76E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.20E+00
4.77E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.21E+00
4.77E+01	-9.30E+01	1.76E+02	-6.59E-02	-5.20E+00
4.77E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.19E+00
4.77E+01	-9.30E+01	1.76E+02	-2.20E-02	-5.20E+00
4.77E+01	-9.30E+01	1.76E+02	0.00E+00	-5.19E+00
4.78E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.20E+00
4.78E+01	-9.30E+01	1.76E+02	-7.32E-03	-5.19E+00
4.78E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.20E+00
4.78E+01	-9.30E+01	1.76E+02	-4.03E-02	-5.19E+00
4.78E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.18E+00
4.79E+01	-9.30E+01	1.76E+02	-3.66E-02	-5.19E+00
4.79E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.18E+00
4.79E+01	-9.30E+01	1.76E+02	-3.30E-02	-5.18E+00
4.79E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.18E+00
4.79E+01	-9.30E+01	1.76E+02	-2.44E-02	-5.17E+00
4.80E+01	-9.30E+01	1.76E+02	-1.95E-02	-5.18E+00
4.80E+01	-9.30E+01	1.76E+02	-6.10E-03	-5.17E+00
4.80E+01	-9.30E+01	1.76E+02	-3.91E-02	-5.17E+00
4.80E+01	-9.30E+01	1.76E+02	2.44E-03	-5.17E+00
4.80E+01	-9.30E+01	1.76E+02	-1.83E-02	-5.16E+00
4.81E+01	-9.30E+01	1.76E+02	-3.17E-02	-5.18E+00
4.81E+01	-9.30E+01	1.76E+02	-4.88E-03	-5.16E+00
4.81E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.16E+00
4.81E+01	-9.30E+01	1.75E+02	-6.10E-03	-5.16E+00
4.81E+01	-9.30E+01	1.76E+02	-3.54E-02	-5.16E+00
4.82E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.17E+00
4.82E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.15E+00
4.82E+01	-9.30E+01	1.75E+02	0.00E+00	-5.16E+00
4.82E+01	-9.30E+01	1.75E+02	3.66E-03	-5.15E+00
4.82E+01	-9.30E+01	1.76E+02	-2.93E-02	-5.15E+00
4.83E+01	-9.30E+01	1.76E+02	-8.54E-03	-5.15E+00
4.83E+01	-9.30E+01	1.76E+02	-1.71E-02	-5.14E+00
4.83E+01	-9.30E+01	1.76E+02	-2.69E-02	-5.15E+00
4.83E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.14E+00
4.83E+01	-9.30E+01	1.76E+02	-1.46E-02	-5.14E+00
4.84E+01	-9.30E+01	1.75E+02	-4.39E-02	-5.14E+00
4.84E+01	-9.30E+01	1.76E+02	0.00E+00	-5.14E+00
4.84E+01	-9.30E+01	1.76E+02	-2.32E-02	-5.14E+00
4.84E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.14E+00
4.84E+01	-9.30E+01	1.76E+02	-1.22E-02	-5.13E+00
4.85E+01	-9.30E+01	1.75E+02	4.88E-03	-5.14E+00
4.85E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.13E+00
4.85E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.13E+00
4.85E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.13E+00
4.85E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.12E+00

4.86E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.13E+00
4.86E+01	-9.30E+01	1.75E+02	-8.54E-03	-5.12E+00
4.86E+01	-9.30E+01	1.75E+02	-2.56E-02	-5.14E+00
4.86E+01	-9.30E+01	1.75E+02	-3.05E-02	-5.11E+00
4.86E+01	-9.30E+01	1.75E+02	-1.34E-02	-5.12E+00
4.87E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.12E+00
4.87E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.11E+00
4.87E+01	-9.30E+01	1.75E+02	-2.32E-02	-5.12E+00
4.87E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.11E+00
4.87E+01	-9.30E+01	1.75E+02	-1.59E-02	-5.12E+00
4.88E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.10E+00
4.88E+01	-9.30E+01	1.75E+02	-3.78E-02	-5.10E+00
4.88E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.11E+00
4.88E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.10E+00
4.88E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.11E+00
4.89E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.12E+00
4.89E+01	-9.30E+01	1.75E+02	0.00E+00	-5.09E+00
4.89E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.10E+00
4.89E+01	-9.30E+01	1.75E+02	-1.59E-02	-5.10E+00
4.89E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.09E+00
4.90E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.10E+00
4.90E+01	-9.30E+01	1.75E+02	-2.44E-03	-5.08E+00
4.90E+01	-9.30E+01	1.75E+02	-2.32E-02	-5.10E+00
4.90E+01	-9.30E+01	1.75E+02	0.00E+00	-5.09E+00
4.90E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.08E+00
4.91E+01	-9.30E+01	1.75E+02	-2.69E-02	-5.09E+00
4.91E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.08E+00
4.91E+01	-9.30E+01	1.75E+02	-8.54E-03	-5.07E+00
4.91E+01	-9.30E+01	1.74E+02	-2.69E-02	-5.09E+00
4.91E+01	-9.30E+01	1.75E+02	2.20E-02	-5.06E+00
4.92E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.07E+00
4.92E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.07E+00
4.92E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.07E+00
4.92E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.07E+00
4.92E+01	-9.30E+01	1.75E+02	4.88E-03	-5.07E+00
4.93E+01	-9.30E+01	1.75E+02	-5.37E-02	-5.08E+00
4.93E+01	-9.30E+01	1.74E+02	-4.88E-03	-5.07E+00
4.93E+01	-9.30E+01	1.74E+02	-6.10E-03	-5.05E+00
4.93E+01	-9.30E+01	1.75E+02	-2.44E-02	-5.07E+00
4.93E+01	-9.30E+01	1.75E+02	-8.54E-03	-5.06E+00
4.94E+01	-9.30E+01	1.75E+02	-2.81E-02	-5.05E+00
4.94E+01	-9.30E+01	1.74E+02	-1.34E-02	-5.05E+00
4.94E+01	-9.30E+01	1.75E+02	-4.88E-03	-5.04E+00
4.94E+01	-9.30E+01	1.75E+02	-3.42E-02	-5.06E+00
4.94E+01	-9.30E+01	1.75E+02	-3.66E-03	-5.05E+00
4.95E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.05E+00
4.95E+01	-9.30E+01	1.75E+02	-1.22E-02	-5.05E+00

4.95E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.04E+00
4.95E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.04E+00
4.95E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.04E+00
4.96E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.04E+00
4.96E+01	-9.30E+01	1.75E+02	-2.20E-02	-5.04E+00
4.96E+01	-9.30E+01	1.75E+02	-1.71E-02	-5.04E+00
4.96E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.04E+00
4.96E+01	-9.30E+01	1.74E+02	-4.88E-03	-5.05E+00
4.97E+01	-9.30E+01	1.75E+02	-2.93E-02	-5.03E+00
4.97E+01	-9.30E+01	1.75E+02	3.66E-03	-5.03E+00
4.97E+01	-9.30E+01	1.75E+02	-2.32E-02	-5.03E+00
4.97E+01	-9.30E+01	1.74E+02	-1.71E-02	-5.03E+00
4.97E+01	-9.30E+01	1.75E+02	-9.77E-03	-5.02E+00
4.98E+01	-9.30E+01	1.75E+02	-1.95E-02	-5.03E+00
4.98E+01	-9.30E+01	1.74E+02	-2.32E-02	-5.02E+00
4.98E+01	-9.30E+01	1.75E+02	-1.46E-02	-5.02E+00
4.98E+01	-9.30E+01	1.74E+02	-2.56E-02	-5.02E+00
4.98E+01	-9.30E+01	1.75E+02	-7.32E-03	-5.02E+00
4.99E+01	-9.30E+01	1.75E+02	-3.66E-02	-5.02E+00
4.99E+01	-9.30E+01	1.74E+02	-4.88E-03	-5.02E+00
4.99E+01	-9.30E+01	1.75E+02	-3.17E-02	-5.02E+00
4.99E+01	-9.30E+01	1.74E+02	-1.46E-02	-5.02E+00
4.99E+01	-9.30E+01	1.75E+02	-1.83E-02	-5.00E+00
5.00E+01	-9.30E+01	1.74E+02	-2.93E-02	-5.01E+00
5.00E+01	-9.30E+01	1.74E+02	-7.32E-03	-5.00E+00
5.00E+01	-9.30E+01	1.74E+02	-3.66E-02	-5.01E+00
5.00E+01	-9.30E+01	1.74E+02	-8.54E-03	-5.00E+00
5.00E+01	-9.30E+01	1.75E+02	-3.17E-02	-4.99E+00
5.01E+01	-9.30E+01	1.74E+02	-1.59E-02	-5.01E+00
5.01E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.99E+00
5.01E+01	-9.30E+01	1.74E+02	-3.17E-02	-5.00E+00
5.01E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.99E+00
5.01E+01	-9.30E+01	1.74E+02	-5.86E-02	-4.99E+00
5.02E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.99E+00
5.02E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.98E+00
5.02E+01	-9.30E+01	1.74E+02	-2.44E-02	-5.00E+00
5.02E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.98E+00
5.02E+01	-9.30E+01	1.74E+02	-3.91E-02	-4.99E+00
5.03E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.98E+00
5.03E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.96E+00
5.03E+01	-9.30E+01	1.74E+02	-3.42E-02	-4.99E+00
5.03E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.97E+00
5.03E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.98E+00
5.04E+01	-9.30E+01	1.74E+02	-6.10E-03	-4.98E+00
5.04E+01	-9.30E+01	1.74E+02	7.32E-03	-4.97E+00
5.04E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.97E+00
5.04E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.96E+00

5.04E+01	-9.30E+01	1.74E+02	-3.05E-02	-4.98E+00
5.05E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.96E+00
5.05E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.96E+00
5.05E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.96E+00
5.05E+01	-9.30E+01	1.74E+02	-3.05E-02	-4.95E+00
5.05E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.96E+00
5.06E+01	-9.30E+01	1.74E+02	-1.34E-02	-4.95E+00
5.06E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.96E+00
5.06E+01	-9.30E+01	1.74E+02	1.22E-03	-4.95E+00
5.06E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.95E+00
5.06E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.95E+00
5.07E+01	-9.30E+01	1.74E+02	-4.88E-02	-4.94E+00
5.07E+01	-9.30E+01	1.74E+02	3.66E-03	-4.96E+00
5.07E+01	-9.30E+01	1.74E+02	6.10E-03	-4.94E+00
5.07E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.95E+00
5.07E+01	-9.30E+01	1.74E+02	0.00E+00	-4.94E+00
5.08E+01	-9.30E+01	1.74E+02	-2.93E-02	-4.94E+00
5.08E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.96E+00
5.08E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.92E+00
5.08E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.95E+00
5.08E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.93E+00
5.09E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.93E+00
5.09E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.93E+00
5.09E+01	-9.30E+01	1.74E+02	-2.81E-02	-4.93E+00
5.09E+01	-9.30E+01	1.74E+02	2.44E-03	-4.95E+00
5.09E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.92E+00
5.10E+01	-9.30E+01	1.74E+02	-1.83E-02	-4.93E+00
5.10E+01	-9.30E+01	1.74E+02	-6.10E-03	-4.91E+00
5.10E+01	-9.30E+01	1.74E+02	-3.78E-02	-4.92E+00
5.10E+01	-9.30E+01	1.74E+02	4.88E-03	-4.92E+00
5.10E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.91E+00
5.11E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.92E+00
5.11E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.92E+00
5.11E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.92E+00
5.11E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.91E+00
5.11E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.91E+00
5.12E+01	-9.30E+01	1.74E+02	-3.66E-03	-4.91E+00
5.12E+01	-9.30E+01	1.74E+02	-3.66E-02	-4.91E+00
5.12E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.90E+00
5.12E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.90E+00
5.12E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.90E+00
5.13E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.89E+00
5.13E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.90E+00
5.13E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.90E+00
5.13E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.89E+00
5.13E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.89E+00
5.14E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.89E+00

5.14E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.89E+00
5.14E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.88E+00
5.14E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.89E+00
5.14E+01	-9.30E+01	1.74E+02	-4.64E-02	-4.88E+00
5.15E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.89E+00
5.15E+01	-9.30E+01	1.73E+02	4.88E-03	-4.88E+00
5.15E+01	-9.30E+01	1.74E+02	-1.10E-02	-4.87E+00
5.15E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.88E+00
5.15E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.87E+00
5.16E+01	-9.30E+01	1.74E+02	-2.56E-02	-4.87E+00
5.16E+01	-9.30E+01	1.74E+02	-2.32E-02	-4.87E+00
5.16E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.86E+00
5.16E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.88E+00
5.16E+01	-9.30E+01	1.74E+02	-9.77E-03	-4.86E+00
5.17E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.87E+00
5.17E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.86E+00
5.17E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.87E+00
5.17E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.86E+00
5.17E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.85E+00
5.18E+01	-9.30E+01	1.74E+02	-3.91E-02	-4.86E+00
5.18E+01	-9.30E+01	1.74E+02	2.44E-03	-4.85E+00
5.18E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.85E+00
5.18E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.84E+00
5.18E+01	-9.30E+01	1.74E+02	9.77E-03	-4.85E+00
5.19E+01	-9.30E+01	1.74E+02	-3.91E-02	-4.86E+00
5.19E+01	-9.30E+01	1.73E+02	4.88E-03	-4.84E+00
5.19E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.85E+00
5.19E+01	-9.30E+01	1.74E+02	-2.44E-03	-4.85E+00
5.19E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.84E+00
5.20E+01	-9.30E+01	1.74E+02	-1.22E-03	-4.84E+00
5.20E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.83E+00
5.20E+01	-9.30E+01	1.74E+02	-5.13E-02	-4.84E+00
5.20E+01	-9.30E+01	1.74E+02	1.22E-03	-4.84E+00
5.20E+01	-9.30E+01	1.74E+02	-3.30E-02	-4.83E+00
5.21E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.84E+00
5.21E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.82E+00
5.21E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.83E+00
5.21E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.83E+00
5.21E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.82E+00
5.22E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.83E+00
5.22E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.82E+00
5.22E+01	-9.30E+01	1.73E+02	-2.08E-02	-4.83E+00
5.22E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.79E+00
5.22E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.82E+00
5.23E+01	-9.30E+01	1.74E+02	1.22E-03	-4.82E+00
5.23E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.81E+00
5.23E+01	-9.30E+01	1.74E+02	-1.46E-02	-4.82E+00

5.23E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.80E+00
5.23E+01	-9.30E+01	1.73E+02	-2.81E-02	-4.83E+00
5.24E+01	-9.30E+01	1.73E+02	-2.08E-02	-4.81E+00
5.24E+01	-9.30E+01	1.74E+02	-2.81E-02	-4.80E+00
5.24E+01	-9.30E+01	1.74E+02	-1.71E-02	-4.81E+00
5.24E+01	-9.30E+01	1.74E+02	0.00E+00	-4.80E+00
5.24E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.80E+00
5.25E+01	-9.30E+01	1.74E+02	-6.10E-03	-4.80E+00
5.25E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.79E+00
5.25E+01	-9.30E+01	1.74E+02	-4.15E-02	-4.80E+00
5.25E+01	-9.30E+01	1.74E+02	-1.22E-03	-4.79E+00
5.25E+01	-9.30E+01	1.74E+02	-3.17E-02	-4.79E+00
5.26E+01	-9.30E+01	1.74E+02	-1.22E-03	-4.79E+00
5.26E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.79E+00
5.26E+01	-9.30E+01	1.74E+02	-1.34E-02	-4.78E+00
5.26E+01	-9.30E+01	1.73E+02	-1.83E-02	-4.77E+00
5.26E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.78E+00
5.27E+01	-9.30E+01	1.74E+02	-1.10E-02	-4.78E+00
5.27E+01	-9.30E+01	1.74E+02	-2.08E-02	-4.78E+00
5.27E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.77E+00
5.27E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.78E+00
5.27E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.77E+00
5.28E+01	-9.30E+01	1.74E+02	-7.32E-03	-4.77E+00
5.28E+01	-9.30E+01	1.73E+02	-1.34E-02	-4.77E+00
5.28E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.77E+00
5.28E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.78E+00
5.28E+01	-9.30E+01	1.74E+02	-6.10E-03	-4.76E+00
5.29E+01	-9.30E+01	1.74E+02	-2.69E-02	-4.76E+00
5.29E+01	-9.30E+01	1.73E+02	9.77E-03	-4.76E+00
5.29E+01	-9.30E+01	1.74E+02	-2.32E-02	-4.76E+00
5.29E+01	-9.30E+01	1.74E+02	-1.95E-02	-4.77E+00
5.29E+01	-9.30E+01	1.74E+02	-1.10E-02	-4.75E+00
5.30E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.77E+00
5.30E+01	-9.30E+01	1.73E+02	-8.54E-03	-4.75E+00
5.30E+01	-9.30E+01	1.73E+02	-4.39E-02	-4.76E+00
5.30E+01	-9.30E+01	1.73E+02	1.83E-02	-4.75E+00
5.30E+01	-9.30E+01	1.74E+02	-1.22E-02	-4.74E+00
5.31E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.76E+00
5.31E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.74E+00
5.31E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.75E+00
5.31E+01	-9.30E+01	1.73E+02	-1.34E-02	-4.73E+00
5.31E+01	-9.30E+01	1.73E+02	9.77E-03	-4.75E+00
5.32E+01	-9.30E+01	1.73E+02	-4.39E-02	-4.74E+00
5.32E+01	-9.30E+01	1.73E+02	1.22E-03	-4.75E+00
5.32E+01	-9.30E+01	1.74E+02	-1.34E-02	-4.73E+00
5.32E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.74E+00
5.32E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.73E+00

5.33E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.73E+00
5.33E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.73E+00
5.33E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.72E+00
5.33E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.74E+00
5.33E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.71E+00
5.34E+01	-9.30E+01	1.74E+02	-2.08E-02	-4.73E+00
5.34E+01	-9.30E+01	1.73E+02	-1.34E-02	-4.73E+00
5.34E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.72E+00
5.34E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.72E+00
5.34E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.71E+00
5.35E+01	-9.30E+01	1.74E+02	-2.44E-02	-4.70E+00
5.35E+01	-9.30E+01	1.73E+02	-3.17E-02	-4.72E+00
5.35E+01	-9.30E+01	1.73E+02	0.00E+00	-4.71E+00
5.35E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.71E+00
5.35E+01	-9.30E+01	1.74E+02	-2.20E-02	-4.70E+00
5.36E+01	-9.30E+01	1.73E+02	1.71E-02	-4.71E+00
5.36E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.70E+00
5.36E+01	-9.30E+01	1.73E+02	-1.83E-02	-4.71E+00
5.36E+01	-9.30E+01	1.74E+02	-4.88E-03	-4.70E+00
5.36E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.71E+00
5.37E+01	-9.30E+01	1.73E+02	-8.54E-03	-4.70E+00
5.37E+01	-9.30E+01	1.73E+02	-5.13E-02	-4.71E+00
5.37E+01	-9.30E+01	1.73E+02	1.34E-02	-4.70E+00
5.37E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.69E+00
5.37E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.70E+00
5.38E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.69E+00
5.38E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.69E+00
5.38E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.67E+00
5.38E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.69E+00
5.38E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.68E+00
5.39E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.69E+00
5.39E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.68E+00
5.39E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.67E+00
5.39E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.68E+00
5.39E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.65E+00
5.40E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.68E+00
5.40E+01	-9.30E+01	1.73E+02	0.00E+00	-4.67E+00
5.40E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.67E+00
5.40E+01	-9.30E+01	1.73E+02	-2.08E-02	-4.67E+00
5.40E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.66E+00
5.41E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.67E+00
5.41E+01	-9.30E+01	1.73E+02	-2.32E-02	-4.66E+00
5.41E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.67E+00
5.41E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.65E+00
5.41E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.65E+00
5.42E+01	-9.30E+01	1.73E+02	-2.56E-02	-4.66E+00
5.42E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.65E+00

5.42E+01	-9.30E+01	1.73E+02	4.88E-03	-4.65E+00
5.42E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.66E+00
5.42E+01	-9.30E+01	1.73E+02	-9.77E-03	-4.65E+00
5.43E+01	-9.30E+01	1.73E+02	-1.22E-03	-4.65E+00
5.43E+01	-9.30E+01	1.73E+02	-3.17E-02	-4.64E+00
5.43E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.65E+00
5.43E+01	-9.30E+01	1.73E+02	-1.10E-02	-4.63E+00
5.43E+01	-9.30E+01	1.73E+02	1.34E-02	-4.64E+00
5.44E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.64E+00
5.44E+01	-9.30E+01	1.73E+02	-2.81E-02	-4.64E+00
5.44E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.64E+00
5.44E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.63E+00
5.44E+01	-9.30E+01	1.73E+02	-2.32E-02	-4.64E+00
5.45E+01	-9.30E+01	1.73E+02	7.32E-03	-4.62E+00
5.45E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.63E+00
5.45E+01	-9.30E+01	1.73E+02	-6.10E-03	-4.64E+00
5.45E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.63E+00
5.45E+01	-9.30E+01	1.73E+02	-3.30E-02	-4.63E+00
5.46E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.62E+00
5.46E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.62E+00
5.46E+01	-9.30E+01	1.73E+02	-3.42E-02	-4.63E+00
5.46E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.61E+00
5.46E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.62E+00
5.47E+01	-9.30E+01	1.73E+02	2.44E-03	-4.61E+00
5.47E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.61E+00
5.47E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.62E+00
5.47E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.60E+00
5.47E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.61E+00
5.48E+01	-9.30E+01	1.73E+02	1.22E-03	-4.60E+00
5.48E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.60E+00
5.48E+01	-9.30E+01	1.73E+02	-1.22E-03	-4.60E+00
5.48E+01	-9.30E+01	1.73E+02	-1.95E-02	-4.59E+00
5.48E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.61E+00
5.49E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.59E+00
5.49E+01	-9.30E+01	1.73E+02	-1.46E-02	-4.58E+00
5.49E+01	-9.30E+01	1.73E+02	-1.46E-02	-4.61E+00
5.49E+01	-9.30E+01	1.73E+02	-8.54E-03	-4.59E+00
5.49E+01	-9.30E+01	1.73E+02	-3.30E-02	-4.59E+00
5.50E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.59E+00
5.50E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.58E+00
5.50E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.59E+00
5.50E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.58E+00
5.50E+01	-9.30E+01	1.73E+02	-4.39E-02	-4.60E+00
5.51E+01	-9.30E+01	1.73E+02	4.88E-03	-4.58E+00
5.51E+01	-9.30E+01	1.73E+02	-2.44E-02	-4.58E+00
5.51E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.59E+00
5.51E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.57E+00

5.51E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.57E+00
5.52E+01	-9.30E+01	1.72E+02	-8.54E-03	-4.56E+00
5.52E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.56E+00
5.52E+01	-9.30E+01	1.73E+02	-1.10E-02	-4.57E+00
5.52E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.56E+00
5.52E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.57E+00
5.53E+01	-9.30E+01	1.73E+02	-1.71E-02	-4.57E+00
5.53E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.56E+00
5.53E+01	-9.30E+01	1.73E+02	-3.30E-02	-4.55E+00
5.53E+01	-9.30E+01	1.72E+02	1.46E-02	-4.56E+00
5.53E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.56E+00
5.54E+01	-9.30E+01	1.73E+02	-2.20E-02	-4.56E+00
5.54E+01	-9.30E+01	1.73E+02	-2.44E-03	-4.55E+00
5.54E+01	-9.30E+01	1.73E+02	-3.17E-02	-4.56E+00
5.54E+01	-9.30E+01	1.73E+02	-6.10E-03	-4.55E+00
5.54E+01	-9.30E+01	1.73E+02	-2.32E-02	-4.54E+00
5.55E+01	-9.30E+01	1.73E+02	-2.56E-02	-4.56E+00
5.55E+01	-9.30E+01	1.73E+02	-4.88E-03	-4.54E+00
5.55E+01	-9.30E+01	1.72E+02	-3.66E-02	-4.54E+00
5.55E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.54E+00
5.55E+01	-9.30E+01	1.73E+02	-2.81E-02	-4.54E+00
5.56E+01	-9.30E+01	1.73E+02	3.66E-03	-4.55E+00
5.56E+01	-9.30E+01	1.73E+02	0.00E+00	-4.53E+00
5.56E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.55E+00
5.56E+01	-9.30E+01	1.72E+02	-1.22E-02	-4.53E+00
5.56E+01	-9.30E+01	1.73E+02	-2.56E-02	-4.53E+00
5.57E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.53E+00
5.57E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.52E+00
5.57E+01	-9.30E+01	1.72E+02	-4.88E-02	-4.53E+00
5.57E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.53E+00
5.57E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.53E+00
5.58E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.53E+00
5.58E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.52E+00
5.58E+01	-9.30E+01	1.73E+02	-3.66E-02	-4.52E+00
5.58E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.52E+00
5.58E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.50E+00
5.59E+01	-9.30E+01	1.72E+02	0.00E+00	-4.51E+00
5.59E+01	-9.30E+01	1.73E+02	-1.22E-02	-4.51E+00
5.59E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.51E+00
5.59E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.51E+00
5.59E+01	-9.30E+01	1.73E+02	-2.93E-02	-4.51E+00
5.60E+01	-9.30E+01	1.72E+02	-1.22E-02	-4.51E+00
5.60E+01	-9.30E+01	1.72E+02	1.10E-02	-4.49E+00
5.60E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.50E+00
5.60E+01	-9.30E+01	1.72E+02	-1.10E-02	-4.50E+00
5.60E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.49E+00
5.61E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.50E+00

5.61E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.49E+00
5.61E+01	-9.30E+01	1.72E+02	-1.83E-02	-4.50E+00
5.61E+01	-9.30E+01	1.73E+02	-7.32E-03	-4.48E+00
5.61E+01	-9.30E+01	1.72E+02	-2.08E-02	-4.49E+00
5.62E+01	-9.30E+01	1.72E+02	9.77E-03	-4.49E+00
5.62E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.48E+00
5.62E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.49E+00
5.62E+01	-9.30E+01	1.72E+02	-7.32E-03	-4.48E+00
5.62E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.49E+00
5.63E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.48E+00
5.63E+01	-9.30E+01	1.73E+02	-2.69E-02	-4.48E+00
5.63E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.49E+00
5.63E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.47E+00
5.63E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.48E+00
5.64E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.47E+00
5.64E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.46E+00
5.64E+01	-9.30E+01	1.72E+02	-5.62E-02	-4.47E+00
5.64E+01	-9.30E+01	1.72E+02	4.88E-03	-4.46E+00
5.64E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.46E+00
5.65E+01	-9.30E+01	1.72E+02	-2.44E-03	-4.47E+00
5.65E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.45E+00
5.65E+01	-9.30E+01	1.72E+02	-2.93E-02	-4.46E+00
5.65E+01	-9.30E+01	1.72E+02	-4.88E-03	-4.46E+00
5.65E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.45E+00
5.66E+01	-9.30E+01	1.72E+02	-4.15E-02	-4.46E+00
5.66E+01	-9.30E+01	1.71E+02	1.22E-02	-4.45E+00
5.66E+01	-9.30E+01	1.72E+02	-3.17E-02	-4.45E+00
5.66E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.44E+00
5.66E+01	-9.30E+01	1.72E+02	-1.10E-02	-4.44E+00
5.67E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.45E+00
5.67E+01	-9.30E+01	1.72E+02	2.44E-03	-4.44E+00
5.67E+01	-9.30E+01	1.72E+02	-4.52E-02	-4.44E+00
5.67E+01	-9.30E+01	1.72E+02	-2.44E-02	-4.44E+00
5.67E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.43E+00
5.68E+01	-9.30E+01	1.72E+02	-3.54E-02	-4.45E+00
5.68E+01	-9.30E+01	1.72E+02	0.00E+00	-4.43E+00
5.68E+01	-9.30E+01	1.72E+02	-3.30E-02	-4.43E+00
5.68E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.44E+00
5.68E+01	-9.30E+01	1.71E+02	-1.10E-02	-4.44E+00
5.69E+01	-9.30E+01	1.72E+02	-6.71E-02	-4.43E+00
5.69E+01	-9.30E+01	1.72E+02	-1.71E-02	-4.43E+00
5.69E+01	-9.30E+01	1.72E+02	-1.34E-02	-4.43E+00
5.69E+01	-9.30E+01	1.72E+02	-1.22E-02	-4.43E+00
5.69E+01	-9.30E+01	1.72E+02	0.00E+00	-4.43E+00
5.70E+01	-9.30E+01	1.72E+02	-1.95E-02	-4.42E+00
5.70E+01	-9.30E+01	1.72E+02	-2.20E-02	-4.43E+00
5.70E+01	-9.30E+01	1.71E+02	0.00E+00	-4.40E+00

5.70E+01	-9.30E+01	1.72E+02	9.77E-03	-4.41E+00
5.70E+01	-9.30E+01	1.72E+02	-1.22E-02	-4.42E+00
5.71E+01	-9.30E+01	1.72E+02	-1.22E-03	-4.41E+00
5.71E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.41E+00
5.71E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.41E+00
5.71E+01	-9.30E+01	1.72E+02	-1.46E-02	-4.40E+00
5.71E+01	-9.30E+01	1.72E+02	-2.69E-02	-4.41E+00
5.72E+01	-9.30E+01	1.72E+02	-9.77E-03	-4.39E+00
5.72E+01	-9.30E+01	1.72E+02	-2.56E-02	-4.40E+00
5.72E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.40E+00
5.72E+01	-9.30E+01	1.72E+02	-2.56E-02	-4.39E+00
5.72E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.40E+00
5.73E+01	-9.30E+01	1.71E+02	2.44E-03	-4.39E+00
5.73E+01	-9.30E+01	1.71E+02	-3.17E-02	-4.39E+00
5.73E+01	-9.30E+01	1.72E+02	2.20E-02	-4.41E+00
5.73E+01	-9.30E+01	1.72E+02	-2.32E-02	-4.38E+00
5.73E+01	-9.30E+01	1.71E+02	-2.56E-02	-4.40E+00
5.74E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.38E+00
5.74E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.39E+00
5.74E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.39E+00
5.74E+01	-9.30E+01	1.71E+02	-2.69E-02	-4.38E+00
5.74E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.39E+00
5.75E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.36E+00
5.75E+01	-9.30E+01	1.71E+02	-1.46E-02	-4.38E+00
5.75E+01	-9.30E+01	1.71E+02	-2.44E-03	-4.38E+00
5.75E+01	-9.30E+01	1.71E+02	-2.32E-02	-4.37E+00
5.75E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.38E+00
5.76E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.36E+00
5.76E+01	-9.30E+01	1.71E+02	-2.20E-02	-4.39E+00
5.76E+01	-9.30E+01	1.71E+02	2.20E-02	-4.36E+00
5.76E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.36E+00
5.76E+01	-9.30E+01	1.71E+02	-1.59E-02	-4.36E+00
5.77E+01	-9.30E+01	1.71E+02	-2.44E-02	-4.36E+00
5.77E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.37E+00
5.77E+01	-9.30E+01	1.71E+02	-9.77E-03	-4.36E+00
5.77E+01	-9.30E+01	1.71E+02	-1.71E-02	-4.35E+00
5.77E+01	-9.30E+01	1.71E+02	-1.95E-02	-4.36E+00
5.78E+01	-9.30E+01	1.71E+02	-1.83E-02	-4.34E+00
5.78E+01	-9.30E+01	1.71E+02	-2.93E-02	-4.35E+00
5.78E+01	-9.30E+01	1.71E+02	-1.22E-02	-4.35E+00
5.78E+01	-9.30E+01	1.71E+02	-1.34E-02	-4.35E+00
5.78E+01	-9.30E+01	1.70E+02	-1.22E-02	-4.35E+00
5.79E+01	-9.30E+01	1.70E+02	-8.54E-03	-4.34E+00
5.79E+01	-9.30E+01	1.71E+02	2.44E-03	-4.35E+00
5.79E+01	-9.30E+01	1.70E+02	-1.22E-03	-4.34E+00
5.79E+01	-9.30E+01	1.70E+02	-1.22E-03	-4.33E+00
5.79E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.35E+00

5.80E+01	-9.30E+01	1.70E+02	-9.77E-03	-4.33E+00
5.80E+01	-9.30E+01	1.70E+02	-2.93E-02	-4.35E+00
5.80E+01	-9.30E+01	1.70E+02	-1.22E-03	-4.33E+00
5.80E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.33E+00
5.80E+01	-9.30E+01	1.70E+02	-3.17E-02	-4.33E+00
5.81E+01	-9.30E+01	1.71E+02	0.00E+00	-4.32E+00
5.81E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.33E+00
5.81E+01	-9.30E+01	1.69E+02	-9.77E-03	-4.33E+00
5.81E+01	-9.30E+01	1.70E+02	-1.46E-02	-4.32E+00
5.81E+01	-9.30E+01	1.70E+02	-3.05E-02	-4.33E+00
5.82E+01	-9.30E+01	1.70E+02	0.00E+00	-4.32E+00
5.82E+01	-9.30E+01	1.70E+02	-3.42E-02	-4.32E+00
5.82E+01	-9.30E+01	1.69E+02	1.71E-02	-4.33E+00
5.82E+01	-9.30E+01	1.70E+02	-2.69E-02	-4.32E+00
5.82E+01	-9.30E+01	1.70E+02	-1.95E-02	-4.33E+00
5.83E+01	-9.30E+01	1.69E+02	0.00E+00	-4.31E+00
5.83E+01	-9.30E+01	1.70E+02	-2.20E-02	-4.31E+00
5.83E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.32E+00
5.83E+01	-9.30E+01	1.69E+02	-7.32E-03	-4.30E+00
5.83E+01	-9.30E+01	1.69E+02	7.32E-03	-4.31E+00
5.84E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.31E+00
5.84E+01	-9.30E+01	1.69E+02	-4.88E-03	-4.29E+00
5.84E+01	-9.30E+01	1.69E+02	-4.15E-02	-4.30E+00
5.84E+01	-9.30E+01	1.69E+02	-1.22E-03	-4.30E+00
5.84E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.29E+00
5.85E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.30E+00
5.85E+01	-9.30E+01	1.69E+02	0.00E+00	-4.29E+00
5.85E+01	-9.30E+01	1.69E+02	-4.88E-02	-4.29E+00
5.85E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.30E+00
5.85E+01	-9.30E+01	1.69E+02	-7.32E-03	-4.28E+00
5.86E+01	-9.30E+01	1.69E+02	-3.66E-02	-4.30E+00
5.86E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.29E+00
5.86E+01	-9.30E+01	1.69E+02	-6.10E-03	-4.28E+00
5.86E+01	-9.30E+01	1.69E+02	-4.88E-02	-4.28E+00
5.86E+01	-9.30E+01	1.69E+02	-2.44E-03	-4.28E+00
5.87E+01	-9.30E+01	1.69E+02	-3.66E-02	-4.28E+00
5.87E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.29E+00
5.87E+01	-9.30E+01	1.69E+02	-2.44E-03	-4.27E+00
5.87E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.27E+00
5.87E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.28E+00
5.88E+01	-9.30E+01	1.68E+02	-2.44E-03	-4.27E+00
5.88E+01	-9.30E+01	1.68E+02	-2.69E-02	-4.28E+00
5.88E+01	-9.30E+01	1.69E+02	-7.32E-03	-4.28E+00
5.88E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.26E+00
5.88E+01	-9.30E+01	1.68E+02	-3.17E-02	-4.27E+00
5.89E+01	-9.30E+01	1.68E+02	-4.88E-03	-4.26E+00
5.89E+01	-9.30E+01	1.68E+02	-2.20E-02	-4.26E+00

5.89E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.25E+00
5.89E+01	-9.30E+01	1.69E+02	6.10E-03	-4.25E+00
5.89E+01	-9.30E+01	1.69E+02	-1.83E-02	-4.26E+00
5.90E+01	-9.30E+01	1.68E+02	-1.22E-02	-4.26E+00
5.90E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.25E+00
5.90E+01	-9.30E+01	1.68E+02	-3.17E-02	-4.26E+00
5.90E+01	-9.30E+01	1.68E+02	1.22E-03	-4.24E+00
5.90E+01	-9.30E+01	1.68E+02	-5.74E-02	-4.25E+00
5.91E+01	-9.30E+01	1.68E+02	-1.46E-02	-4.26E+00
5.91E+01	-9.30E+01	1.68E+02	-1.83E-02	-4.24E+00
5.91E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.26E+00
5.91E+01	-9.30E+01	1.68E+02	-4.88E-03	-4.24E+00
5.91E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.24E+00
5.92E+01	-9.30E+01	1.68E+02	-2.44E-02	-4.25E+00
5.92E+01	-9.30E+01	1.68E+02	-9.77E-03	-4.23E+00
5.92E+01	-9.30E+01	1.68E+02	-7.32E-03	-4.22E+00
5.92E+01	-9.30E+01	1.68E+02	7.32E-03	-4.24E+00
5.92E+01	-9.30E+01	1.68E+02	-1.22E-02	-4.23E+00
5.93E+01	-9.30E+01	1.68E+02	-3.78E-02	-4.23E+00
5.93E+01	-9.30E+01	1.68E+02	-2.44E-03	-4.23E+00
5.93E+01	-9.30E+01	1.68E+02	-1.71E-02	-4.22E+00
5.93E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.23E+00
5.93E+01	-9.30E+01	1.68E+02	-7.32E-03	-4.22E+00
5.94E+01	-9.30E+01	1.68E+02	-2.20E-02	-4.21E+00
5.94E+01	-9.30E+01	1.68E+02	-1.22E-02	-4.22E+00
5.94E+01	-9.30E+01	1.68E+02	-7.32E-03	-4.21E+00
5.94E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.22E+00
5.94E+01	-9.30E+01	1.68E+02	-1.10E-02	-4.21E+00
5.95E+01	-9.30E+01	1.68E+02	-2.69E-02	-4.22E+00
5.95E+01	-9.30E+01	1.68E+02	-4.88E-03	-4.21E+00
5.95E+01	-9.30E+01	1.68E+02	-4.88E-02	-4.21E+00
5.95E+01	-9.30E+01	1.68E+02	4.88E-03	-4.20E+00
5.95E+01	-9.30E+01	1.68E+02	-9.77E-03	-4.20E+00
5.96E+01	-9.30E+01	1.68E+02	-1.71E-02	-4.21E+00
5.96E+01	-9.30E+01	1.68E+02	-1.59E-02	-4.20E+00
5.96E+01	-9.30E+01	1.68E+02	-2.56E-02	-4.20E+00
5.96E+01	-9.30E+01	1.68E+02	-8.54E-03	-4.20E+00
5.96E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.19E+00
5.97E+01	-9.30E+01	1.68E+02	-2.44E-02	-4.20E+00
5.97E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.19E+00
5.97E+01	-9.30E+01	1.68E+02	-2.20E-02	-4.18E+00
5.97E+01	-9.30E+01	1.68E+02	-3.91E-02	-4.20E+00
5.97E+01	-9.30E+01	1.68E+02	-2.44E-03	-4.18E+00
5.98E+01	-9.30E+01	1.68E+02	-3.17E-02	-4.19E+00
5.98E+01	-9.30E+01	1.68E+02	-4.88E-03	-4.19E+00
5.98E+01	-9.30E+01	1.68E+02	-9.77E-03	-4.19E+00
5.98E+01	-9.30E+01	1.68E+02	-3.66E-02	-4.19E+00

5.98E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.19E+00
5.99E+01	-9.30E+01	1.68E+02	-7.32E-03	-4.17E+00
5.99E+01	-9.30E+01	1.68E+02	-2.20E-02	-4.18E+00
5.99E+01	-9.30E+01	1.68E+02	1.22E-03	-4.18E+00
5.99E+01	-9.30E+01	1.68E+02	-2.20E-02	-4.17E+00
5.99E+01	-9.30E+01	1.68E+02	-1.22E-02	-4.18E+00
6.00E+01	-9.30E+01	1.69E+02	-4.88E-03	-4.17E+00
6.00E+01	-9.30E+01	1.68E+02	-7.08E-02	-4.17E+00
6.00E+01	-9.30E+01	1.68E+02	-4.88E-03	-4.18E+00
6.00E+01	-9.30E+01	1.68E+02	-2.44E-02	-4.17E+00
6.00E+01	-9.30E+01	1.68E+02	-3.66E-02	-4.17E+00
6.01E+01	-9.30E+01	1.68E+02	-9.77E-03	-4.16E+00
6.01E+01	-9.30E+01	1.68E+02	-1.46E-02	-4.16E+00
6.01E+01	-9.30E+01	1.68E+02	-2.81E-02	-4.16E+00
6.01E+01	-9.30E+01	1.68E+02	0.00E+00	-4.14E+00
6.01E+01	-9.30E+01	1.68E+02	-5.49E-02	-4.16E+00
6.02E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.16E+00
6.02E+01	-9.30E+01	1.68E+02	-9.77E-03	-4.15E+00
6.02E+01	-9.30E+01	1.68E+02	-3.66E-02	-4.15E+00
6.02E+01	-9.30E+01	1.68E+02	-1.71E-02	-4.15E+00
6.02E+01	-9.30E+01	1.68E+02	-1.22E-02	-4.14E+00
6.03E+01	-9.30E+01	1.68E+02	-5.62E-02	-4.15E+00
6.03E+01	-9.30E+01	1.68E+02	-7.32E-03	-4.13E+00
6.03E+01	-9.30E+01	1.68E+02	-9.77E-03	-4.13E+00
6.03E+01	-9.30E+01	1.68E+02	-9.77E-03	-4.15E+00
6.03E+01	-9.30E+01	1.68E+02	-3.66E-03	-4.13E+00
6.04E+01	-9.30E+01	1.68E+02	-2.81E-02	-4.14E+00
6.04E+01	-9.30E+01	1.68E+02	-2.44E-03	-4.14E+00
6.04E+01	-9.30E+01	1.68E+02	-2.69E-02	-4.13E+00
6.04E+01	-9.30E+01	1.68E+02	-4.64E-02	-4.14E+00
6.04E+01	-9.30E+01	1.68E+02	-6.10E-03	-4.12E+00
6.05E+01	-9.30E+01	1.68E+02	-2.44E-02	-4.13E+00
6.05E+01	-9.30E+01	1.68E+02	0.00E+00	-4.13E+00
6.05E+01	-9.30E+01	1.68E+02	-1.46E-02	-4.12E+00
6.05E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.13E+00
6.05E+01	-9.30E+01	1.68E+02	-1.34E-02	-4.12E+00
6.06E+01	-9.30E+01	1.68E+02	-1.83E-02	-4.12E+00
6.06E+01	-9.30E+01	1.68E+02	-2.69E-02	-4.12E+00
6.06E+01	-9.30E+01	1.68E+02	-1.71E-02	-4.11E+00
6.06E+01	-9.30E+01	1.68E+02	-4.15E-02	-4.12E+00
6.06E+01	-9.30E+01	1.68E+02	1.22E-03	-4.11E+00
6.07E+01	-9.30E+01	1.68E+02	-1.46E-02	-4.10E+00
6.07E+01	-9.30E+01	1.68E+02	-2.44E-02	-4.12E+00
6.07E+01	-9.30E+01	1.68E+02	-4.88E-03	-4.10E+00
6.07E+01	-9.30E+01	1.68E+02	-3.42E-02	-4.11E+00
6.07E+01	-9.30E+01	1.68E+02	2.44E-03	-4.09E+00
6.08E+01	-9.30E+01	1.68E+02	-1.59E-02	-4.10E+00

6.08E+01	-9.30E+01	1.68E+02	-2.44E-02	-4.11E+00
6.08E+01	-9.30E+01	1.68E+02	-1.46E-02	-4.09E+00
6.08E+01	-9.30E+01	1.68E+02	-2.81E-02	-4.11E+00
6.08E+01	-9.30E+01	1.68E+02	-6.10E-03	-4.10E+00
6.09E+01	-9.30E+01	1.68E+02	-2.08E-02	-4.09E+00
6.09E+01	-9.30E+01	1.68E+02	-2.44E-02	-4.10E+00
6.09E+01	-9.30E+01	1.68E+02	0.00E+00	-4.09E+00
6.09E+01	-9.30E+01	1.68E+02	-3.30E-02	-4.09E+00
6.09E+01	-9.30E+01	1.68E+02	-1.59E-02	-4.09E+00
6.10E+01	-9.30E+01	1.68E+02	-1.22E-02	-4.08E+00
6.10E+01	-9.30E+01	1.68E+02	-3.17E-02	-4.09E+00
6.10E+01	-9.30E+01	1.68E+02	4.88E-03	-4.08E+00
6.10E+01	-9.30E+01	1.68E+02	-2.69E-02	-4.08E+00
6.10E+01	-9.30E+01	1.68E+02	-4.03E-02	-4.08E+00
6.11E+01	-9.30E+01	1.68E+02	-1.10E-02	-4.06E+00
6.11E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.08E+00
6.11E+01	-9.30E+01	1.68E+02	2.44E-03	-4.07E+00
6.11E+01	-9.30E+01	1.68E+02	-2.93E-02	-4.08E+00
6.11E+01	-9.30E+01	1.68E+02	-4.88E-03	-4.07E+00
6.12E+01	-9.30E+01	1.68E+02	-1.83E-02	-4.06E+00
6.12E+01	-9.30E+01	1.68E+02	-2.20E-02	-4.06E+00
6.12E+01	-9.30E+01	1.69E+02	-2.69E-02	-4.06E+00
6.12E+01	-9.30E+01	1.68E+02	-2.44E-02	-4.06E+00
6.12E+01	-9.30E+01	1.68E+02	7.32E-03	-4.07E+00
6.13E+01	-9.30E+01	1.69E+02	-4.15E-02	-4.06E+00
6.13E+01	-9.30E+01	1.68E+02	-9.77E-03	-4.07E+00
6.13E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.05E+00
6.13E+01	-9.30E+01	1.68E+02	-2.93E-02	-4.06E+00
6.13E+01	-9.30E+01	1.69E+02	-4.88E-03	-4.04E+00
6.14E+01	-9.30E+01	1.69E+02	-2.93E-02	-4.05E+00
6.14E+01	-9.30E+01	1.68E+02	4.88E-03	-4.05E+00
6.14E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.04E+00
6.14E+01	-9.30E+01	1.68E+02	-1.22E-02	-4.06E+00
6.14E+01	-9.30E+01	1.69E+02	-1.22E-02	-4.04E+00
6.15E+01	-9.30E+01	1.68E+02	-2.69E-02	-4.05E+00
6.15E+01	-9.30E+01	1.68E+02	-8.54E-03	-4.05E+00
6.15E+01	-9.30E+01	1.69E+02	-8.54E-03	-4.04E+00
6.15E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.04E+00
6.15E+01	-9.30E+01	1.69E+02	-2.44E-03	-4.03E+00
6.16E+01	-9.30E+01	1.68E+02	-1.71E-02	-4.04E+00
6.16E+01	-9.30E+01	1.68E+02	-2.56E-02	-4.04E+00
6.16E+01	-9.30E+01	1.69E+02	-1.22E-03	-4.03E+00
6.16E+01	-9.30E+01	1.69E+02	-3.17E-02	-4.03E+00
6.16E+01	-9.30E+01	1.68E+02	-1.34E-02	-4.05E+00
6.17E+01	-9.30E+01	1.68E+02	-2.44E-03	-4.03E+00
6.17E+01	-9.30E+01	1.69E+02	-2.08E-02	-4.03E+00
6.17E+01	-9.30E+01	1.69E+02	2.44E-03	-4.02E+00

6.17E+01	-9.30E+01	1.69E+02	-1.46E-02	-4.02E+00
6.17E+01	-9.30E+01	1.68E+02	-1.95E-02	-4.03E+00
6.18E+01	-9.30E+01	1.68E+02	-2.44E-03	-4.02E+00
6.18E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.01E+00
6.18E+01	-9.30E+01	1.68E+02	-3.66E-02	-4.03E+00
6.18E+01	-9.30E+01	1.69E+02	1.22E-02	-4.01E+00
6.18E+01	-9.30E+01	1.69E+02	-3.17E-02	-4.02E+00
6.19E+01	-9.30E+01	1.69E+02	4.88E-03	-4.02E+00
6.19E+01	-9.30E+01	1.69E+02	-2.44E-02	-4.00E+00
6.19E+01	-9.30E+01	1.69E+02	-2.56E-02	-4.02E+00
6.19E+01	-9.30E+01	1.69E+02	-6.10E-03	-4.00E+00
6.19E+01	-9.30E+01	1.69E+02	-1.71E-02	-4.00E+00
6.20E+01	-9.30E+01	1.68E+02	-1.71E-02	-4.02E+00
6.20E+01	-9.30E+01	1.68E+02	1.95E-02	-4.00E+00
6.20E+01	-9.30E+01	1.69E+02	-1.59E-02	-4.01E+00
6.20E+01	-9.30E+01	1.69E+02	0.00E+00	-4.00E+00
6.20E+01	-9.30E+01	1.69E+02	-2.20E-02	-4.00E+00
6.21E+01	-9.30E+01	1.68E+02	-1.59E-02	-4.00E+00
6.21E+01	-9.30E+01	1.69E+02	-9.77E-03	-3.99E+00
6.21E+01	-9.30E+01	1.69E+02	-2.69E-02	-3.99E+00
6.21E+01	-9.30E+01	1.69E+02	-1.95E-02	-4.00E+00
6.21E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.98E+00
6.22E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.99E+00
6.22E+01	-9.30E+01	1.69E+02	-8.54E-03	-3.98E+00
6.22E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.99E+00
6.22E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.98E+00
6.22E+01	-9.30E+01	1.68E+02	-3.30E-02	-3.97E+00
6.23E+01	-9.30E+01	1.68E+02	1.59E-02	-3.98E+00
6.23E+01	-9.30E+01	1.69E+02	-7.32E-03	-3.97E+00
6.23E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.98E+00
6.23E+01	-9.30E+01	1.68E+02	3.66E-03	-3.96E+00
6.23E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.97E+00
6.24E+01	-9.30E+01	1.68E+02	-2.08E-02	-3.98E+00
6.24E+01	-9.30E+01	1.68E+02	-7.32E-03	-3.96E+00
6.24E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.96E+00
6.24E+01	-9.30E+01	1.68E+02	1.22E-02	-3.96E+00
6.24E+01	-9.30E+01	1.69E+02	-3.91E-02	-3.96E+00
6.25E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.97E+00
6.25E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.96E+00
6.25E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.96E+00
6.25E+01	-9.30E+01	1.68E+02	0.00E+00	-3.95E+00
6.25E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.96E+00
6.26E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.95E+00
6.26E+01	-9.30E+01	1.68E+02	1.34E-02	-3.95E+00
6.26E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.95E+00
6.26E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.95E+00
6.26E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.95E+00

6.27E+01	-9.30E+01	1.68E+02	-8.54E-03	-3.94E+00
6.27E+01	-9.30E+01	1.68E+02	-1.71E-02	-3.94E+00
6.27E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.95E+00
6.27E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.94E+00
6.27E+01	-9.30E+01	1.68E+02	0.00E+00	-3.94E+00
6.28E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.95E+00
6.28E+01	-9.30E+01	1.68E+02	-3.17E-02	-3.93E+00
6.28E+01	-9.30E+01	1.68E+02	-8.54E-03	-3.94E+00
6.28E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.92E+00
6.28E+01	-9.30E+01	1.68E+02	-2.56E-02	-3.93E+00
6.29E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.93E+00
6.29E+01	-9.30E+01	1.68E+02	-9.77E-03	-3.91E+00
6.29E+01	-9.30E+01	1.68E+02	-3.54E-02	-3.92E+00
6.29E+01	-9.30E+01	1.67E+02	-3.66E-03	-3.93E+00
6.29E+01	-9.30E+01	1.68E+02	-2.08E-02	-3.91E+00
6.30E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.92E+00
6.30E+01	-9.30E+01	1.68E+02	-4.88E-03	-3.91E+00
6.30E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.92E+00
6.30E+01	-9.30E+01	1.67E+02	-6.10E-03	-3.92E+00
6.30E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.92E+00
6.31E+01	-9.30E+01	1.68E+02	-2.32E-02	-3.92E+00
6.31E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.90E+00
6.31E+01	-9.30E+01	1.68E+02	-2.44E-02	-3.90E+00
6.31E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.91E+00
6.31E+01	-9.30E+01	1.68E+02	-1.95E-02	-3.90E+00
6.32E+01	-9.30E+01	1.67E+02	-1.46E-02	-3.91E+00
6.32E+01	-9.30E+01	1.68E+02	-1.46E-02	-3.90E+00
6.32E+01	-9.30E+01	1.68E+02	-2.69E-02	-3.92E+00
6.32E+01	-9.30E+01	1.68E+02	-1.22E-02	-3.90E+00
6.32E+01	-9.30E+01	1.67E+02	-4.15E-02	-3.91E+00
6.33E+01	-9.30E+01	1.67E+02	0.00E+00	-3.90E+00
6.33E+01	-9.30E+01	1.68E+02	-2.93E-02	-3.89E+00
6.33E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.90E+00
6.33E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.88E+00
6.33E+01	-9.30E+01	1.67E+02	-3.30E-02	-3.89E+00
6.34E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.90E+00
6.34E+01	-9.30E+01	1.68E+02	-4.64E-02	-3.88E+00
6.34E+01	-9.30E+01	1.68E+02	-2.44E-03	-3.90E+00
6.34E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.88E+00
6.34E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.89E+00
6.35E+01	-9.30E+01	1.68E+02	2.44E-03	-3.87E+00
6.35E+01	-9.30E+01	1.68E+02	-3.05E-02	-3.88E+00
6.35E+01	-9.30E+01	1.67E+02	0.00E+00	-3.88E+00
6.35E+01	-9.30E+01	1.67E+02	-2.56E-02	-3.87E+00
6.35E+01	-9.30E+01	1.68E+02	-2.56E-02	-3.88E+00
6.36E+01	-9.30E+01	1.68E+02	-6.10E-03	-3.85E+00
6.36E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.87E+00

6.36E+01	-9.30E+01	1.68E+02	-8.54E-03	-3.86E+00
6.36E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.86E+00
6.36E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.87E+00
6.37E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.86E+00
6.37E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.87E+00
6.37E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.85E+00
6.37E+01	-9.30E+01	1.67E+02	-4.27E-02	-3.86E+00
6.37E+01	-9.30E+01	1.68E+02	-2.20E-02	-3.86E+00
6.38E+01	-9.30E+01	1.68E+02	-3.42E-02	-3.85E+00
6.38E+01	-9.30E+01	1.67E+02	-1.83E-02	-3.86E+00
6.38E+01	-9.30E+01	1.67E+02	-3.66E-03	-3.84E+00
6.38E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.86E+00
6.38E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.84E+00
6.39E+01	-9.30E+01	1.67E+02	-3.30E-02	-3.84E+00
6.39E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.84E+00
6.39E+01	-9.30E+01	1.68E+02	-1.22E-03	-3.84E+00
6.39E+01	-9.30E+01	1.67E+02	-1.83E-02	-3.85E+00
6.39E+01	-9.30E+01	1.67E+02	-6.10E-03	-3.84E+00
6.40E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.84E+00
6.40E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.84E+00
6.40E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.83E+00
6.40E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.84E+00
6.40E+01	-9.30E+01	1.67E+02	1.10E-02	-3.81E+00
6.41E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.83E+00
6.41E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.83E+00
6.41E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.81E+00
6.41E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.83E+00
6.41E+01	-9.30E+01	1.67E+02	2.44E-03	-3.82E+00
6.42E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.82E+00
6.42E+01	-9.30E+01	1.67E+02	-1.59E-02	-3.83E+00
6.42E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.81E+00
6.42E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.81E+00
6.42E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.82E+00
6.43E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.80E+00
6.43E+01	-9.30E+01	1.67E+02	-1.10E-02	-3.82E+00
6.43E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.80E+00
6.43E+01	-9.30E+01	1.67E+02	-2.56E-02	-3.82E+00
6.43E+01	-9.30E+01	1.67E+02	-8.54E-03	-3.81E+00
6.44E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.79E+00
6.44E+01	-9.30E+01	1.67E+02	7.32E-03	-3.80E+00
6.44E+01	-9.30E+01	1.67E+02	3.66E-03	-3.80E+00
6.44E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.80E+00
6.44E+01	-9.30E+01	1.67E+02	4.88E-03	-3.79E+00
6.45E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.79E+00
6.45E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.80E+00
6.45E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.79E+00
6.45E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.80E+00

6.45E+01	-9.30E+01	1.67E+02	-9.77E-03	-3.80E+00
6.46E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.79E+00
6.46E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.78E+00
6.46E+01	-9.30E+01	1.67E+02	-3.66E-03	-3.78E+00
6.46E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.78E+00
6.46E+01	-9.30E+01	1.67E+02	0.00E+00	-3.78E+00
6.47E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.77E+00
6.47E+01	-9.30E+01	1.67E+02	1.10E-02	-3.79E+00
6.47E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.78E+00
6.47E+01	-9.30E+01	1.67E+02	-4.15E-02	-3.78E+00
6.47E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.77E+00
6.48E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.76E+00
6.48E+01	-9.30E+01	1.67E+02	-9.77E-03	-3.78E+00
6.48E+01	-9.30E+01	1.67E+02	-1.10E-02	-3.76E+00
6.48E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.77E+00
6.48E+01	-9.30E+01	1.67E+02	-8.54E-03	-3.76E+00
6.49E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.77E+00
6.49E+01	-9.30E+01	1.67E+02	3.78E-02	-3.75E+00
6.49E+01	-9.30E+01	1.67E+02	-9.77E-03	-3.75E+00
6.49E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.77E+00
6.49E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.75E+00
6.50E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.76E+00
6.50E+01	-9.30E+01	1.67E+02	-9.77E-03	-3.75E+00
6.50E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.75E+00
6.50E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.76E+00
6.50E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.75E+00
6.51E+01	-9.30E+01	1.67E+02	9.77E-03	-3.73E+00
6.51E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.76E+00
6.51E+01	-9.30E+01	1.67E+02	-9.77E-03	-3.74E+00
6.51E+01	-9.30E+01	1.67E+02	-3.91E-02	-3.75E+00
6.51E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.75E+00
6.52E+01	-9.30E+01	1.67E+02	-1.10E-02	-3.73E+00
6.52E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.74E+00
6.52E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.74E+00
6.52E+01	-9.30E+01	1.67E+02	-2.56E-02	-3.75E+00
6.52E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.73E+00
6.53E+01	-9.30E+01	1.66E+02	0.00E+00	-3.73E+00
6.53E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.73E+00
6.53E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.73E+00
6.53E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.72E+00
6.53E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.73E+00
6.54E+01	-9.30E+01	1.67E+02	0.00E+00	-3.72E+00
6.54E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.71E+00
6.54E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.74E+00
6.54E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.71E+00
6.54E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.71E+00
6.55E+01	-9.30E+01	1.67E+02	0.00E+00	-3.71E+00

6.55E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.71E+00
6.55E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.71E+00
6.55E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.70E+00
6.55E+01	-9.30E+01	1.67E+02	-4.39E-02	-3.71E+00
6.56E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.70E+00
6.56E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.71E+00
6.56E+01	-9.30E+01	1.67E+02	-3.66E-02	-3.70E+00
6.56E+01	-9.30E+01	1.67E+02	7.32E-03	-3.69E+00
6.56E+01	-9.30E+01	1.66E+02	-4.64E-02	-3.70E+00
6.57E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.70E+00
6.57E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.69E+00
6.57E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.70E+00
6.57E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.67E+00
6.57E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.69E+00
6.58E+01	-9.30E+01	1.67E+02	1.22E-02	-3.69E+00
6.58E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.68E+00
6.58E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.69E+00
6.58E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.67E+00
6.58E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.68E+00
6.59E+01	-9.30E+01	1.66E+02	0.00E+00	-3.68E+00
6.59E+01	-9.30E+01	1.66E+02	-3.05E-02	-3.68E+00
6.59E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.68E+00
6.59E+01	-9.30E+01	1.67E+02	-2.20E-02	-3.67E+00
6.59E+01	-9.30E+01	1.67E+02	-4.64E-02	-3.68E+00
6.60E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.66E+00
6.60E+01	-9.30E+01	1.66E+02	-4.27E-02	-3.67E+00
6.60E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.67E+00
6.60E+01	-9.30E+01	1.67E+02	-3.05E-02	-3.66E+00
6.60E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.67E+00
6.61E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.65E+00
6.61E+01	-9.30E+01	1.66E+02	0.00E+00	-3.65E+00
6.61E+01	-9.30E+01	1.67E+02	-3.91E-02	-3.65E+00
6.61E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.65E+00
6.61E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.66E+00
6.62E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.66E+00
6.62E+01	-9.30E+01	1.67E+02	-2.56E-02	-3.65E+00
6.62E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.66E+00
6.62E+01	-9.30E+01	1.66E+02	2.44E-03	-3.64E+00
6.62E+01	-9.30E+01	1.66E+02	-4.52E-02	-3.65E+00
6.63E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.65E+00
6.63E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.65E+00
6.63E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.65E+00
6.63E+01	-9.30E+01	1.66E+02	-1.83E-02	-3.63E+00
6.63E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.65E+00
6.64E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.64E+00
6.64E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.64E+00
6.64E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.63E+00

6.64E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.62E+00
6.64E+01	-9.30E+01	1.66E+02	1.34E-02	-3.64E+00
6.65E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.62E+00
6.65E+01	-9.30E+01	1.66E+02	-3.05E-02	-3.63E+00
6.65E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.63E+00
6.65E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.61E+00
6.65E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.62E+00
6.66E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.62E+00
6.66E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.62E+00
6.66E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.61E+00
6.66E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.59E+00
6.66E+01	-9.30E+01	1.66E+02	2.44E-02	-3.62E+00
6.67E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.61E+00
6.67E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.62E+00
6.67E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.60E+00
6.67E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.61E+00
6.67E+01	-9.30E+01	1.66E+02	0.00E+00	-3.60E+00
6.68E+01	-9.30E+01	1.66E+02	-3.05E-02	-3.60E+00
6.68E+01	-9.30E+01	1.66E+02	-4.76E-02	-3.61E+00
6.68E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.60E+00
6.68E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.61E+00
6.68E+01	-9.30E+01	1.65E+02	-1.10E-02	-3.59E+00
6.69E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.59E+00
6.69E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.60E+00
6.69E+01	-9.30E+01	1.67E+02	-1.46E-02	-3.59E+00
6.69E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.60E+00
6.69E+01	-9.30E+01	1.66E+02	7.32E-03	-3.58E+00
6.70E+01	-9.30E+01	1.66E+02	-3.30E-02	-3.58E+00
6.70E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.59E+00
6.70E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.58E+00
6.70E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.58E+00
6.70E+01	-9.30E+01	1.66E+02	2.44E-03	-3.57E+00
6.71E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.58E+00
6.71E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.58E+00
6.71E+01	-9.30E+01	1.66E+02	0.00E+00	-3.57E+00
6.71E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.56E+00
6.71E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.57E+00
6.72E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.58E+00
6.72E+01	-9.30E+01	1.66E+02	-3.05E-02	-3.57E+00
6.72E+01	-9.30E+01	1.66E+02	7.32E-03	-3.56E+00
6.72E+01	-9.30E+01	1.66E+02	-4.15E-02	-3.57E+00
6.72E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.57E+00
6.73E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.56E+00
6.73E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.57E+00
6.73E+01	-9.30E+01	1.66E+02	-6.10E-03	-3.55E+00
6.73E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.55E+00
6.73E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.55E+00

6.74E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.55E+00
6.74E+01	-9.30E+01	1.66E+02	-1.22E-03	-3.56E+00
6.74E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.54E+00
6.74E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.56E+00
6.74E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.54E+00
6.75E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.54E+00
6.75E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.55E+00
6.75E+01	-9.30E+01	1.66E+02	-2.08E-02	-3.54E+00
6.75E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.55E+00
6.75E+01	-9.30E+01	1.66E+02	-1.83E-02	-3.54E+00
6.76E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.55E+00
6.76E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.54E+00
6.76E+01	-9.30E+01	1.66E+02	-6.10E-03	-3.53E+00
6.76E+01	-9.30E+01	1.66E+02	-2.08E-02	-3.54E+00
6.76E+01	-9.30E+01	1.66E+02	-1.22E-03	-3.53E+00
6.77E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.53E+00
6.77E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.53E+00
6.77E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.53E+00
6.77E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.52E+00
6.77E+01	-9.30E+01	1.66E+02	-3.30E-02	-3.52E+00
6.78E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.53E+00
6.78E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.52E+00
6.78E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.52E+00
6.78E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.50E+00
6.78E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.51E+00
6.79E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.52E+00
6.79E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.50E+00
6.79E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.51E+00
6.79E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.49E+00
6.79E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.51E+00
6.80E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.51E+00
6.80E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.50E+00
6.80E+01	-9.30E+01	1.66E+02	-3.05E-02	-3.50E+00
6.80E+01	-9.30E+01	1.66E+02	6.10E-03	-3.49E+00
6.80E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.50E+00
6.81E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.49E+00
6.81E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.49E+00
6.81E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.51E+00
6.81E+01	-9.30E+01	1.66E+02	-5.62E-02	-3.48E+00
6.81E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.48E+00
6.82E+01	-9.30E+01	1.66E+02	-1.22E-03	-3.49E+00
6.82E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.48E+00
6.82E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.49E+00
6.82E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.48E+00
6.82E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.49E+00
6.83E+01	-9.30E+01	1.66E+02	3.66E-03	-3.47E+00
6.83E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.48E+00

6.83E+01	-9.30E+01	1.66E+02	4.88E-03	-3.48E+00
6.83E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.48E+00
6.83E+01	-9.30E+01	1.66E+02	-3.54E-02	-3.49E+00
6.84E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.47E+00
6.84E+01	-9.30E+01	1.66E+02	-3.78E-02	-3.47E+00
6.84E+01	-9.30E+01	1.66E+02	1.10E-02	-3.47E+00
6.84E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.47E+00
6.84E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.47E+00
6.85E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.45E+00
6.85E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.46E+00
6.85E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.45E+00
6.85E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.45E+00
6.85E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.45E+00
6.86E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.45E+00
6.86E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.46E+00
6.86E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.45E+00
6.86E+01	-9.30E+01	1.66E+02	-3.05E-02	-3.45E+00
6.86E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.44E+00
6.87E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.44E+00
6.87E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.45E+00
6.87E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.43E+00
6.87E+01	-9.30E+01	1.66E+02	-5.37E-02	-3.45E+00
6.87E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.43E+00
6.88E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.45E+00
6.88E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.43E+00
6.88E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.44E+00
6.88E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.43E+00
6.88E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.43E+00
6.89E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.43E+00
6.89E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.42E+00
6.89E+01	-9.30E+01	1.66E+02	-3.78E-02	-3.43E+00
6.89E+01	-9.30E+01	1.66E+02	7.32E-03	-3.42E+00
6.89E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.42E+00
6.90E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.44E+00
6.90E+01	-9.30E+01	1.67E+02	2.44E-03	-3.41E+00
6.90E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.42E+00
6.90E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.41E+00
6.90E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.41E+00
6.91E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.41E+00
6.91E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.39E+00
6.91E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.41E+00
6.91E+01	-9.30E+01	1.66E+02	0.00E+00	-3.41E+00
6.91E+01	-9.30E+01	1.66E+02	-4.88E-02	-3.40E+00
6.92E+01	-9.30E+01	1.66E+02	9.77E-03	-3.40E+00
6.92E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.40E+00
6.92E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.41E+00
6.92E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.39E+00

6.92E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.40E+00
6.93E+01	-9.30E+01	1.67E+02	0.00E+00	-3.39E+00
6.93E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.39E+00
6.93E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.41E+00
6.93E+01	-9.30E+01	1.66E+02	-2.81E-02	-3.39E+00
6.93E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.40E+00
6.94E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.38E+00
6.94E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.38E+00
6.94E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.38E+00
6.94E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.38E+00
6.94E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.39E+00
6.95E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.37E+00
6.95E+01	-9.30E+01	1.66E+02	-5.00E-02	-3.38E+00
6.95E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.39E+00
6.95E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.37E+00
6.95E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.38E+00
6.96E+01	-9.30E+01	1.66E+02	-3.66E-03	-3.36E+00
6.96E+01	-9.30E+01	1.66E+02	-2.08E-02	-3.38E+00
6.96E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.36E+00
6.96E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.37E+00
6.96E+01	-9.30E+01	1.66E+02	-3.66E-03	-3.36E+00
6.97E+01	-9.30E+01	1.66E+02	4.88E-03	-3.36E+00
6.97E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.38E+00
6.97E+01	-9.30E+01	1.66E+02	7.32E-03	-3.36E+00
6.97E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.36E+00
6.97E+01	-9.30E+01	1.66E+02	-1.22E-03	-3.35E+00
6.98E+01	-9.30E+01	1.66E+02	-3.54E-02	-3.36E+00
6.98E+01	-9.30E+01	1.66E+02	-1.22E-03	-3.35E+00
6.98E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.35E+00
6.98E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.36E+00
6.98E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.33E+00
6.99E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.36E+00
6.99E+01	-9.30E+01	1.66E+02	0.00E+00	-3.35E+00
6.99E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.34E+00
6.99E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.34E+00
6.99E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.33E+00
7.00E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.34E+00
7.00E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.34E+00
7.00E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.31E+00
7.00E+01	-9.30E+01	1.66E+02	2.44E-03	-3.34E+00
7.00E+01	-9.30E+01	1.66E+02	0.00E+00	-3.34E+00
7.01E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.33E+00
7.01E+01	-9.30E+01	1.66E+02	-3.66E-03	-3.33E+00
7.01E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.32E+00
7.01E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.32E+00
7.01E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.32E+00
7.02E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.32E+00

7.02E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.32E+00
7.02E+01	-9.30E+01	1.66E+02	-1.83E-02	-3.30E+00
7.02E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.33E+00
7.02E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.31E+00
7.03E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.31E+00
7.03E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.31E+00
7.03E+01	-9.30E+01	1.66E+02	-4.27E-02	-3.31E+00
7.03E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.31E+00
7.03E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.30E+00
7.04E+01	-9.30E+01	1.65E+02	-3.05E-02	-3.31E+00
7.04E+01	-9.30E+01	1.66E+02	-1.22E-03	-3.30E+00
7.04E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.29E+00
7.04E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.32E+00
7.04E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.29E+00
7.05E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.29E+00
7.05E+01	-9.30E+01	1.67E+02	-2.08E-02	-3.29E+00
7.05E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.29E+00
7.05E+01	-9.30E+01	1.66E+02	-6.10E-03	-3.29E+00
7.05E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.28E+00
7.06E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.29E+00
7.06E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.28E+00
7.06E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.28E+00
7.06E+01	-9.30E+01	1.66E+02	-5.62E-02	-3.29E+00
7.06E+01	-9.30E+01	1.66E+02	2.44E-03	-3.27E+00
7.07E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.28E+00
7.07E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.27E+00
7.07E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.28E+00
7.07E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.28E+00
7.07E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.26E+00
7.08E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.27E+00
7.08E+01	-9.30E+01	1.66E+02	3.42E-02	-3.27E+00
7.08E+01	-9.30E+01	1.66E+02	-4.15E-02	-3.26E+00
7.08E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.27E+00
7.08E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.26E+00
7.09E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.27E+00
7.09E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.26E+00
7.09E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.26E+00
7.09E+01	-9.30E+01	1.66E+02	0.00E+00	-3.26E+00
7.09E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.25E+00
7.10E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.26E+00
7.10E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.23E+00
7.10E+01	-9.30E+01	1.67E+02	-4.15E-02	-3.26E+00
7.10E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.25E+00
7.10E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.23E+00
7.11E+01	-9.30E+01	1.67E+02	-2.93E-02	-3.24E+00
7.11E+01	-9.30E+01	1.67E+02	-1.10E-02	-3.25E+00
7.11E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.23E+00

7.11E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.24E+00
7.11E+01	-9.30E+01	1.67E+02	2.44E-03	-3.23E+00
7.12E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.24E+00
7.12E+01	-9.30E+01	1.67E+02	3.66E-03	-3.25E+00
7.12E+01	-9.30E+01	1.67E+02	2.44E-03	-3.23E+00
7.12E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.24E+00
7.12E+01	-9.30E+01	1.67E+02	-1.95E-02	-3.23E+00
7.13E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.23E+00
7.13E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.23E+00
7.13E+01	-9.30E+01	1.67E+02	-2.69E-02	-3.22E+00
7.13E+01	-9.30E+01	1.67E+02	-1.46E-02	-3.23E+00
7.13E+01	-9.30E+01	1.67E+02	-8.54E-03	-3.21E+00
7.14E+01	-9.30E+01	1.67E+02	-3.05E-02	-3.21E+00
7.14E+01	-9.30E+01	1.67E+02	-2.32E-02	-3.22E+00
7.14E+01	-9.30E+01	1.67E+02	-4.15E-02	-3.22E+00
7.14E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.22E+00
7.14E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.21E+00
7.15E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.21E+00
7.15E+01	-9.30E+01	1.67E+02	0.00E+00	-3.20E+00
7.15E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.21E+00
7.15E+01	-9.30E+01	1.66E+02	2.44E-03	-3.20E+00
7.15E+01	-9.30E+01	1.66E+02	-3.05E-02	-3.20E+00
7.16E+01	-9.30E+01	1.66E+02	-2.81E-02	-3.23E+00
7.16E+01	-9.30E+01	1.67E+02	-3.42E-02	-3.19E+00
7.16E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.21E+00
7.16E+01	-9.30E+01	1.66E+02	-1.22E-03	-3.20E+00
7.16E+01	-9.30E+01	1.67E+02	-3.17E-02	-3.20E+00
7.17E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.20E+00
7.17E+01	-9.30E+01	1.67E+02	-2.44E-03	-3.19E+00
7.17E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.20E+00
7.17E+01	-9.30E+01	1.66E+02	-3.05E-02	-3.19E+00
7.17E+01	-9.30E+01	1.67E+02	-1.46E-02	-3.18E+00
7.18E+01	-9.30E+01	1.67E+02	-1.46E-02	-3.18E+00
7.18E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.18E+00
7.18E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.18E+00
7.18E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.17E+00
7.18E+01	-9.30E+01	1.67E+02	-2.44E-02	-3.18E+00
7.19E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.18E+00
7.19E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.17E+00
7.19E+01	-9.30E+01	1.67E+02	-3.66E-02	-3.16E+00
7.19E+01	-9.30E+01	1.66E+02	4.03E-02	-3.17E+00
7.19E+01	-9.30E+01	1.67E+02	-4.88E-03	-3.15E+00
7.20E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.18E+00
7.20E+01	-9.30E+01	1.67E+02	-7.32E-03	-3.16E+00
7.20E+01	-9.30E+01	1.67E+02	-4.39E-02	-3.18E+00
7.20E+01	-9.30E+01	1.66E+02	2.44E-03	-3.16E+00
7.20E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.16E+00

7.21E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.17E+00
7.21E+01	-9.30E+01	1.67E+02	-1.10E-02	-3.15E+00
7.21E+01	-9.30E+01	1.66E+02	-5.13E-02	-3.17E+00
7.21E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.15E+00
7.21E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.16E+00
7.22E+01	-9.30E+01	1.67E+02	1.34E-02	-3.15E+00
7.22E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.14E+00
7.22E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.15E+00
7.22E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.14E+00
7.22E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.15E+00
7.23E+01	-9.30E+01	1.66E+02	0.00E+00	-3.14E+00
7.23E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.16E+00
7.23E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.13E+00
7.23E+01	-9.30E+01	1.67E+02	-1.71E-02	-3.13E+00
7.23E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.14E+00
7.24E+01	-9.30E+01	1.66E+02	2.44E-03	-3.12E+00
7.24E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.13E+00
7.24E+01	-9.30E+01	1.66E+02	1.22E-03	-3.13E+00
7.24E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.13E+00
7.24E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.14E+00
7.25E+01	-9.30E+01	1.66E+02	-3.54E-02	-3.12E+00
7.25E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.11E+00
7.25E+01	-9.30E+01	1.66E+02	7.32E-03	-3.12E+00
7.25E+01	-9.30E+01	1.66E+02	-4.27E-02	-3.12E+00
7.25E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.13E+00
7.26E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.11E+00
7.26E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.12E+00
7.26E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.10E+00
7.26E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.12E+00
7.26E+01	-9.30E+01	1.66E+02	0.00E+00	-3.12E+00
7.27E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.11E+00
7.27E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.11E+00
7.27E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.10E+00
7.27E+01	-9.30E+01	1.65E+02	-7.32E-03	-3.10E+00
7.27E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.10E+00
7.28E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.11E+00
7.28E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.09E+00
7.28E+01	-9.30E+01	1.65E+02	-1.83E-02	-3.10E+00
7.28E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.10E+00
7.28E+01	-9.30E+01	1.66E+02	2.44E-03	-3.10E+00
7.29E+01	-9.30E+01	1.65E+02	-6.10E-03	-3.09E+00
7.29E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.09E+00
7.29E+01	-9.30E+01	1.65E+02	-7.32E-03	-3.09E+00
7.29E+01	-9.30E+01	1.65E+02	-9.77E-03	-3.09E+00
7.29E+01	-9.30E+01	1.65E+02	-2.81E-02	-3.09E+00
7.30E+01	-9.30E+01	1.65E+02	-1.10E-02	-3.08E+00
7.30E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.08E+00

7.30E+01	-9.30E+01	1.65E+02	-1.46E-02	-3.08E+00
7.30E+01	-9.30E+01	1.65E+02	-1.71E-02	-3.09E+00
7.30E+01	-9.30E+01	1.65E+02	-9.77E-03	-3.08E+00
7.31E+01	-9.30E+01	1.65E+02	-2.20E-02	-3.07E+00
7.31E+01	-9.30E+01	1.65E+02	-4.88E-03	-3.08E+00
7.31E+01	-9.30E+01	1.65E+02	-1.22E-03	-3.06E+00
7.31E+01	-9.30E+01	1.65E+02	-2.20E-02	-3.08E+00
7.31E+01	-9.30E+01	1.65E+02	0.00E+00	-3.06E+00
7.32E+01	-9.30E+01	1.65E+02	-2.81E-02	-3.07E+00
7.32E+01	-9.30E+01	1.65E+02	-8.54E-03	-3.07E+00
7.32E+01	-9.30E+01	1.64E+02	-6.10E-03	-3.06E+00
7.32E+01	-9.30E+01	1.65E+02	-4.52E-02	-3.06E+00
7.32E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.06E+00
7.33E+01	-9.30E+01	1.65E+02	-4.52E-02	-3.06E+00
7.33E+01	-9.30E+01	1.64E+02	-1.22E-03	-3.06E+00
7.33E+01	-9.30E+01	1.64E+02	-2.44E-02	-3.05E+00
7.33E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.06E+00
7.33E+01	-9.30E+01	1.64E+02	-1.10E-02	-3.04E+00
7.34E+01	-9.30E+01	1.64E+02	-2.44E-02	-3.06E+00
7.34E+01	-9.30E+01	1.64E+02	-9.77E-03	-3.05E+00
7.34E+01	-9.30E+01	1.64E+02	-1.71E-02	-3.05E+00
7.34E+01	-9.30E+01	1.64E+02	-1.95E-02	-3.05E+00
7.34E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.04E+00
7.35E+01	-9.30E+01	1.64E+02	-3.30E-02	-3.05E+00
7.35E+01	-9.30E+01	1.64E+02	-6.10E-03	-3.03E+00
7.35E+01	-9.30E+01	1.64E+02	-3.17E-02	-3.04E+00
7.35E+01	-9.30E+01	1.64E+02	-1.10E-02	-3.04E+00
7.35E+01	-9.30E+01	1.64E+02	-1.95E-02	-3.03E+00
7.36E+01	-9.30E+01	1.64E+02	-1.46E-02	-3.04E+00
7.36E+01	-9.30E+01	1.64E+02	-1.71E-02	-3.03E+00
7.36E+01	-9.30E+01	1.64E+02	-1.95E-02	-3.04E+00
7.36E+01	-9.30E+01	1.63E+02	2.44E-02	-3.02E+00
7.36E+01	-9.30E+01	1.63E+02	-2.69E-02	-3.02E+00
7.37E+01	-9.30E+01	1.63E+02	-1.34E-02	-3.03E+00
7.37E+01	-9.30E+01	1.63E+02	-2.69E-02	-3.02E+00
7.37E+01	-9.30E+01	1.63E+02	-1.34E-02	-3.03E+00
7.37E+01	-9.30E+01	1.63E+02	-1.71E-02	-3.02E+00
7.37E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.03E+00
7.38E+01	-9.30E+01	1.63E+02	-7.32E-03	-3.01E+00
7.38E+01	-9.30E+01	1.63E+02	-2.56E-02	-3.01E+00
7.38E+01	-9.30E+01	1.63E+02	-1.22E-03	-3.02E+00
7.38E+01	-9.30E+01	1.63E+02	-2.20E-02	-3.01E+00
7.38E+01	-9.30E+01	1.63E+02	-7.32E-03	-3.00E+00
7.39E+01	-9.30E+01	1.62E+02	-2.20E-02	-3.00E+00
7.39E+01	-9.30E+01	1.62E+02	-2.93E-02	-3.02E+00
7.39E+01	-9.30E+01	1.63E+02	-1.10E-02	-2.99E+00
7.39E+01	-9.30E+01	1.63E+02	-3.05E-02	-3.00E+00

7.39E+01	-9.30E+01	1.63E+02	-4.88E-03	-3.00E+00
7.40E+01	-9.30E+01	1.62E+02	-3.30E-02	-3.00E+00
7.40E+01	-9.30E+01	1.63E+02	-1.59E-02	-3.00E+00
7.40E+01	-9.30E+01	1.63E+02	-3.66E-02	-2.99E+00
7.40E+01	-9.30E+01	1.63E+02	-1.83E-02	-3.01E+00
7.40E+01	-9.30E+01	1.62E+02	-8.54E-03	-2.99E+00
7.41E+01	-9.30E+01	1.62E+02	-4.15E-02	-3.00E+00
7.41E+01	-9.30E+01	1.63E+02	2.44E-03	-2.99E+00
7.41E+01	-9.30E+01	1.63E+02	-3.17E-02	-2.99E+00
7.41E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.99E+00
7.41E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.98E+00
7.42E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.98E+00
7.42E+01	-9.30E+01	1.62E+02	-1.22E-03	-2.98E+00
7.42E+01	-9.30E+01	1.62E+02	-3.91E-02	-2.98E+00
7.42E+01	-9.30E+01	1.62E+02	-2.56E-02	-2.99E+00
7.42E+01	-9.30E+01	1.62E+02	-3.91E-02	-2.96E+00
7.43E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.98E+00
7.43E+01	-9.30E+01	1.62E+02	9.77E-03	-2.96E+00
7.43E+01	-9.30E+01	1.62E+02	-3.66E-02	-2.97E+00
7.43E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.97E+00
7.43E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.96E+00
7.44E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.97E+00
7.44E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.95E+00
7.44E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.97E+00
7.44E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.96E+00
7.44E+01	-9.30E+01	1.62E+02	-6.84E-02	-2.96E+00
7.45E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.96E+00
7.45E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.95E+00
7.45E+01	-9.30E+01	1.62E+02	-3.66E-02	-2.96E+00
7.45E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.94E+00
7.45E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.95E+00
7.46E+01	-9.30E+01	1.61E+02	-1.34E-02	-2.95E+00
7.46E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.94E+00
7.46E+01	-9.30E+01	1.62E+02	-3.17E-02	-2.95E+00
7.46E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.94E+00
7.46E+01	-9.30E+01	1.62E+02	-3.66E-02	-2.94E+00
7.47E+01	-9.30E+01	1.61E+02	-3.66E-02	-2.97E+00
7.47E+01	-9.30E+01	1.62E+02	-3.42E-02	-2.93E+00
7.47E+01	-9.30E+01	1.62E+02	-3.30E-02	-2.95E+00
7.47E+01	-9.30E+01	1.61E+02	-7.32E-03	-2.93E+00
7.47E+01	-9.30E+01	1.62E+02	-1.83E-02	-2.94E+00
7.48E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.92E+00
7.48E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.93E+00
7.48E+01	-9.30E+01	1.61E+02	-7.32E-03	-2.93E+00
7.48E+01	-9.30E+01	1.61E+02	-3.17E-02	-2.92E+00
7.48E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.93E+00
7.49E+01	-9.30E+01	1.61E+02	-9.77E-03	-2.92E+00

7.49E+01	-9.30E+01	1.61E+02	-7.32E-03	-2.92E+00
7.49E+01	-9.30E+01	1.61E+02	9.77E-03	-2.92E+00
7.49E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.92E+00
7.49E+01	-9.30E+01	1.61E+02	-9.77E-03	-2.92E+00
7.50E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.92E+00
7.50E+01	-9.30E+01	1.61E+02	-7.32E-03	-2.92E+00
7.50E+01	-9.30E+01	1.61E+02	-1.10E-02	-2.90E+00
7.50E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.91E+00
7.50E+01	-9.30E+01	1.61E+02	-4.88E-03	-2.91E+00
7.51E+01	-9.30E+01	1.61E+02	-3.05E-02	-2.91E+00
7.51E+01	-9.30E+01	1.61E+02	-2.44E-03	-2.91E+00
7.51E+01	-9.30E+01	1.61E+02	-4.52E-02	-2.92E+00
7.51E+01	-9.30E+01	1.61E+02	-4.64E-02	-2.91E+00
7.51E+01	-9.30E+01	1.61E+02	-6.10E-03	-2.89E+00
7.52E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.91E+00
7.52E+01	-9.30E+01	1.61E+02	-1.10E-02	-2.89E+00
7.52E+01	-9.30E+01	1.61E+02	-1.34E-02	-2.89E+00
7.52E+01	-9.30E+01	1.61E+02	-2.32E-02	-2.90E+00
7.52E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.89E+00
7.53E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.89E+00
7.53E+01	-9.30E+01	1.61E+02	-1.59E-02	-2.90E+00
7.53E+01	-9.30E+01	1.61E+02	-4.88E-03	-2.88E+00
7.53E+01	-9.30E+01	1.61E+02	-4.39E-02	-2.89E+00
7.53E+01	-9.30E+01	1.61E+02	-2.44E-03	-2.88E+00
7.54E+01	-9.30E+01	1.61E+02	-3.42E-02	-2.88E+00
7.54E+01	-9.30E+01	1.61E+02	-2.44E-03	-2.88E+00
7.54E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.88E+00
7.54E+01	-9.30E+01	1.61E+02	-2.69E-02	-2.88E+00
7.54E+01	-9.30E+01	1.61E+02	-2.44E-03	-2.87E+00
7.55E+01	-9.30E+01	1.61E+02	-3.17E-02	-2.87E+00
7.55E+01	-9.30E+01	1.61E+02	1.46E-02	-2.88E+00
7.55E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.86E+00
7.55E+01	-9.30E+01	1.61E+02	-3.05E-02	-2.88E+00
7.55E+01	-9.30E+01	1.61E+02	-1.83E-02	-2.88E+00
7.56E+01	-9.30E+01	1.61E+02	-2.81E-02	-2.86E+00
7.56E+01	-9.30E+01	1.61E+02	-8.54E-03	-2.87E+00
7.56E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.86E+00
7.56E+01	-9.30E+01	1.61E+02	-2.69E-02	-2.87E+00
7.56E+01	-9.30E+01	1.61E+02	-3.66E-03	-2.86E+00
7.57E+01	-9.30E+01	1.61E+02	-9.77E-03	-2.86E+00
7.57E+01	-9.30E+01	1.61E+02	-3.17E-02	-2.86E+00
7.57E+01	-9.30E+01	1.61E+02	-3.66E-03	-2.85E+00
7.57E+01	-9.30E+01	1.61E+02	-3.17E-02	-2.84E+00
7.57E+01	-9.30E+01	1.61E+02	-1.10E-02	-2.86E+00
7.58E+01	-9.30E+01	1.61E+02	-4.88E-03	-2.83E+00
7.58E+01	-9.30E+01	1.61E+02	-4.03E-02	-2.86E+00
7.58E+01	-9.30E+01	1.61E+02	-2.20E-02	-2.85E+00

7.58E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.84E+00
7.58E+01	-9.30E+01	1.61E+02	-8.54E-03	-2.85E+00
7.59E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.83E+00
7.59E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.85E+00
7.59E+01	-9.30E+01	1.61E+02	-7.32E-03	-2.83E+00
7.59E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.84E+00
7.59E+01	-9.30E+01	1.61E+02	-4.88E-03	-2.83E+00
7.60E+01	-9.30E+01	1.61E+02	-3.42E-02	-2.84E+00
7.60E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.85E+00
7.60E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.82E+00
7.60E+01	-9.30E+01	1.61E+02	-3.54E-02	-2.83E+00
7.60E+01	-9.30E+01	1.61E+02	-2.44E-03	-2.82E+00
7.61E+01	-9.30E+01	1.61E+02	-2.69E-02	-2.82E+00
7.61E+01	-9.30E+01	1.61E+02	-1.10E-02	-2.83E+00
7.61E+01	-9.30E+01	1.61E+02	-2.32E-02	-2.81E+00
7.61E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.83E+00
7.61E+01	-9.30E+01	1.61E+02	-3.91E-02	-2.82E+00
7.62E+01	-9.30E+01	1.61E+02	-3.54E-02	-2.81E+00
7.62E+01	-9.30E+01	1.61E+02	-1.83E-02	-2.82E+00
7.62E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.81E+00
7.62E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.82E+00
7.62E+01	-9.30E+01	1.61E+02	0.00E+00	-2.80E+00
7.63E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.82E+00
7.63E+01	-9.30E+01	1.61E+02	-2.44E-03	-2.80E+00
7.63E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.80E+00
7.63E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.80E+00
7.63E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.79E+00
7.64E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.81E+00
7.64E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.78E+00
7.64E+01	-9.30E+01	1.61E+02	-3.30E-02	-2.80E+00
7.64E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.78E+00
7.64E+01	-9.30E+01	1.61E+02	-3.42E-02	-2.79E+00
7.65E+01	-9.30E+01	1.61E+02	7.32E-03	-2.79E+00
7.65E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.78E+00
7.65E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.79E+00
7.65E+01	-9.30E+01	1.61E+02	-6.10E-03	-2.78E+00
7.65E+01	-9.30E+01	1.61E+02	-3.05E-02	-2.77E+00
7.66E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.78E+00
7.66E+01	-9.30E+01	1.61E+02	-5.37E-02	-2.79E+00
7.66E+01	-9.30E+01	1.61E+02	1.71E-02	-2.79E+00
7.66E+01	-9.30E+01	1.62E+02	-1.83E-02	-2.77E+00
7.66E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.79E+00
7.67E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.76E+00
7.67E+01	-9.30E+01	1.61E+02	-3.17E-02	-2.77E+00
7.67E+01	-9.30E+01	1.61E+02	-9.77E-03	-2.77E+00
7.67E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.76E+00
7.67E+01	-9.30E+01	1.61E+02	-2.69E-02	-2.77E+00

7.68E+01	-9.30E+01	1.61E+02	-1.10E-02	-2.76E+00
7.68E+01	-9.30E+01	1.61E+02	2.44E-03	-2.77E+00
7.68E+01	-9.30E+01	1.61E+02	1.22E-02	-2.74E+00
7.68E+01	-9.30E+01	1.61E+02	-4.76E-02	-2.75E+00
7.68E+01	-9.30E+01	1.61E+02	7.32E-03	-2.76E+00
7.69E+01	-9.30E+01	1.61E+02	-4.15E-02	-2.76E+00
7.69E+01	-9.30E+01	1.62E+02	-2.08E-02	-2.76E+00
7.69E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.75E+00
7.69E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.75E+00
7.69E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.75E+00
7.70E+01	-9.30E+01	1.61E+02	-2.32E-02	-2.75E+00
7.70E+01	-9.30E+01	1.61E+02	-7.32E-03	-2.74E+00
7.70E+01	-9.30E+01	1.61E+02	-3.91E-02	-2.75E+00
7.70E+01	-9.30E+01	1.61E+02	3.66E-03	-2.73E+00
7.70E+01	-9.30E+01	1.62E+02	-6.10E-03	-2.75E+00
7.71E+01	-9.30E+01	1.61E+02	-7.32E-03	-2.74E+00
7.71E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.74E+00
7.71E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.74E+00
7.71E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.73E+00
7.71E+01	-9.30E+01	1.62E+02	-2.32E-02	-2.74E+00
7.72E+01	-9.30E+01	1.61E+02	-9.77E-03	-2.72E+00
7.72E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.73E+00
7.72E+01	-9.30E+01	1.61E+02	-1.10E-02	-2.73E+00
7.72E+01	-9.30E+01	1.62E+02	-1.34E-02	-2.72E+00
7.72E+01	-9.30E+01	1.61E+02	-2.81E-02	-2.74E+00
7.73E+01	-9.30E+01	1.61E+02	-2.08E-02	-2.72E+00
7.73E+01	-9.30E+01	1.61E+02	-2.20E-02	-2.73E+00
7.73E+01	-9.30E+01	1.61E+02	3.66E-03	-2.71E+00
7.73E+01	-9.30E+01	1.61E+02	-3.30E-02	-2.72E+00
7.73E+01	-9.30E+01	1.61E+02	7.32E-03	-2.71E+00
7.74E+01	-9.30E+01	1.61E+02	-3.30E-02	-2.71E+00
7.74E+01	-9.30E+01	1.60E+02	-9.77E-03	-2.72E+00
7.74E+01	-9.30E+01	1.60E+02	-9.77E-03	-2.70E+00
7.74E+01	-9.30E+01	1.61E+02	-2.32E-02	-2.72E+00
7.74E+01	-9.30E+01	1.62E+02	-2.44E-03	-2.70E+00
7.75E+01	-9.30E+01	1.61E+02	-6.59E-02	-2.72E+00
7.75E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.70E+00
7.75E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.71E+00
7.75E+01	-9.30E+01	1.61E+02	0.00E+00	-2.70E+00
7.75E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.70E+00
7.76E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.69E+00
7.76E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.69E+00
7.76E+01	-9.30E+01	1.61E+02	-1.10E-02	-2.70E+00
7.76E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.69E+00
7.76E+01	-9.30E+01	1.61E+02	-2.69E-02	-2.68E+00
7.77E+01	-9.30E+01	1.61E+02	1.71E-02	-2.68E+00
7.77E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.71E+00

7.77E+01	-9.30E+01	1.61E+02	1.46E-02	-2.69E+00
7.77E+01	-9.30E+01	1.61E+02	-3.42E-02	-2.69E+00
7.77E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.69E+00
7.78E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.68E+00
7.78E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.69E+00
7.78E+01	-9.30E+01	1.61E+02	-9.77E-03	-2.67E+00
7.78E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.68E+00
7.78E+01	-9.30E+01	1.61E+02	0.00E+00	-2.67E+00
7.79E+01	-9.30E+01	1.61E+02	-3.17E-02	-2.67E+00
7.79E+01	-9.30E+01	1.61E+02	1.22E-03	-2.67E+00
7.79E+01	-9.30E+01	1.61E+02	-2.44E-03	-2.66E+00
7.79E+01	-9.30E+01	1.60E+02	-3.42E-02	-2.67E+00
7.79E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.66E+00
7.80E+01	-9.30E+01	1.61E+02	-3.91E-02	-2.68E+00
7.80E+01	-9.30E+01	1.61E+02	4.88E-03	-2.66E+00
7.80E+01	-9.30E+01	1.61E+02	-3.91E-02	-2.66E+00
7.80E+01	-9.30E+01	1.60E+02	-9.77E-03	-2.66E+00
7.80E+01	-9.30E+01	1.61E+02	-1.59E-02	-2.65E+00
7.81E+01	-9.30E+01	1.61E+02	-2.69E-02	-2.66E+00
7.81E+01	-9.30E+01	1.61E+02	-4.88E-03	-2.65E+00
7.81E+01	-9.30E+01	1.61E+02	-3.54E-02	-2.65E+00
7.81E+01	-9.30E+01	1.61E+02	1.22E-02	-2.64E+00
7.81E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.65E+00
7.82E+01	-9.30E+01	1.60E+02	-1.34E-02	-2.66E+00
7.82E+01	-9.30E+01	1.61E+02	4.88E-03	-2.63E+00
7.82E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.66E+00
7.82E+01	-9.30E+01	1.61E+02	-9.77E-03	-2.64E+00
7.82E+01	-9.30E+01	1.61E+02	-3.30E-02	-2.64E+00
7.83E+01	-9.30E+01	1.60E+02	-4.88E-03	-2.64E+00
7.83E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.63E+00
7.83E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.64E+00
7.83E+01	-9.30E+01	1.61E+02	-9.77E-03	-2.63E+00
7.83E+01	-9.30E+01	1.60E+02	-9.77E-03	-2.63E+00
7.84E+01	-9.30E+01	1.61E+02	9.77E-03	-2.63E+00
7.84E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.64E+00
7.84E+01	-9.30E+01	1.60E+02	-9.77E-03	-2.63E+00
7.84E+01	-9.30E+01	1.60E+02	-1.22E-02	-2.63E+00
7.84E+01	-9.30E+01	1.60E+02	-1.83E-02	-2.63E+00
7.85E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.62E+00
7.85E+01	-9.30E+01	1.61E+02	-2.32E-02	-2.63E+00
7.85E+01	-9.30E+01	1.61E+02	-2.44E-03	-2.62E+00
7.85E+01	-9.30E+01	1.60E+02	-1.95E-02	-2.61E+00
7.85E+01	-9.30E+01	1.60E+02	-1.95E-02	-2.63E+00
7.86E+01	-9.30E+01	1.60E+02	4.88E-03	-2.61E+00
7.86E+01	-9.30E+01	1.60E+02	-2.93E-02	-2.62E+00
7.86E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.62E+00
7.86E+01	-9.30E+01	1.61E+02	-3.91E-02	-2.60E+00

7.86E+01	-9.30E+01	1.61E+02	-4.88E-03	-2.60E+00
7.87E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.60E+00
7.87E+01	-9.30E+01	1.60E+02	-2.20E-02	-2.60E+00
7.87E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.60E+00
7.87E+01	-9.30E+01	1.61E+02	-3.17E-02	-2.61E+00
7.87E+01	-9.30E+01	1.60E+02	-6.10E-03	-2.60E+00
7.88E+01	-9.30E+01	1.61E+02	-3.17E-02	-2.59E+00
7.88E+01	-9.30E+01	1.61E+02	1.22E-02	-2.61E+00
7.88E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.60E+00
7.88E+01	-9.30E+01	1.60E+02	-7.32E-03	-2.61E+00
7.88E+01	-9.30E+01	1.60E+02	-1.22E-02	-2.58E+00
7.89E+01	-9.30E+01	1.61E+02	-3.17E-02	-2.60E+00
7.89E+01	-9.30E+01	1.61E+02	2.81E-02	-2.58E+00
7.89E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.58E+00
7.89E+01	-9.30E+01	1.60E+02	-7.32E-03	-2.59E+00
7.89E+01	-9.30E+01	1.60E+02	-1.46E-02	-2.57E+00
7.90E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.59E+00
7.90E+01	-9.30E+01	1.61E+02	0.00E+00	-2.58E+00
7.90E+01	-9.30E+01	1.61E+02	1.22E-03	-2.58E+00
7.90E+01	-9.30E+01	1.60E+02	-4.88E-03	-2.59E+00
7.90E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.58E+00
7.91E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.58E+00
7.91E+01	-9.30E+01	1.61E+02	-7.32E-03	-2.56E+00
7.91E+01	-9.30E+01	1.61E+02	-4.76E-02	-2.57E+00
7.91E+01	-9.30E+01	1.61E+02	6.10E-03	-2.57E+00
7.91E+01	-9.30E+01	1.61E+02	-3.66E-02	-2.56E+00
7.92E+01	-9.30E+01	1.60E+02	-7.32E-03	-2.57E+00
7.92E+01	-9.30E+01	1.60E+02	-1.71E-02	-2.56E+00
7.92E+01	-9.30E+01	1.60E+02	-1.95E-02	-2.56E+00
7.92E+01	-9.30E+01	1.61E+02	-3.91E-02	-2.55E+00
7.92E+01	-9.30E+01	1.61E+02	-2.56E-02	-2.57E+00
7.93E+01	-9.30E+01	1.60E+02	2.56E-02	-2.56E+00
7.93E+01	-9.30E+01	1.60E+02	-3.30E-02	-2.55E+00
7.93E+01	-9.30E+01	1.60E+02	-7.32E-03	-2.56E+00
7.93E+01	-9.30E+01	1.60E+02	-3.17E-02	-2.55E+00
7.93E+01	-9.30E+01	1.60E+02	-2.20E-02	-2.56E+00
7.94E+01	-9.30E+01	1.60E+02	-3.66E-03	-2.54E+00
7.94E+01	-9.30E+01	1.61E+02	-3.66E-02	-2.55E+00
7.94E+01	-9.30E+01	1.60E+02	-7.32E-03	-2.54E+00
7.94E+01	-9.30E+01	1.60E+02	-2.93E-02	-2.54E+00
7.94E+01	-9.30E+01	1.60E+02	-1.95E-02	-2.55E+00
7.95E+01	-9.30E+01	1.61E+02	-4.64E-02	-2.53E+00
7.95E+01	-9.30E+01	1.60E+02	-2.20E-02	-2.54E+00
7.95E+01	-9.30E+01	1.60E+02	-1.71E-02	-2.53E+00
7.95E+01	-9.30E+01	1.60E+02	-1.59E-02	-2.53E+00
7.95E+01	-9.30E+01	1.60E+02	-1.71E-02	-2.52E+00
7.96E+01	-9.30E+01	1.60E+02	-2.93E-02	-2.54E+00

7.96E+01	-9.30E+01	1.60E+02	-4.88E-03	-2.53E+00
7.96E+01	-9.30E+01	1.60E+02	-2.20E-02	-2.52E+00
7.96E+01	-9.30E+01	1.60E+02	-1.71E-02	-2.53E+00
7.96E+01	-9.30E+01	1.60E+02	-2.93E-02	-2.52E+00
7.97E+01	-9.30E+01	1.60E+02	-5.98E-02	-2.53E+00
7.97E+01	-9.30E+01	1.60E+02	-7.32E-03	-2.53E+00
7.97E+01	-9.30E+01	1.60E+02	-2.56E-02	-2.53E+00
7.97E+01	-9.30E+01	1.60E+02	-2.93E-02	-2.52E+00
7.97E+01	-9.30E+01	1.60E+02	-6.10E-03	-2.52E+00
7.98E+01	-9.30E+01	1.60E+02	-4.52E-02	-2.52E+00
7.98E+01	-9.30E+01	1.60E+02	-2.44E-03	-2.52E+00
7.98E+01	-9.30E+01	1.60E+02	-1.59E-02	-2.50E+00
7.98E+01	-9.30E+01	1.60E+02	-2.44E-02	-2.52E+00
7.98E+01	-9.30E+01	1.60E+02	-2.44E-03	-2.50E+00
7.99E+01	-9.30E+01	1.60E+02	-3.42E-02	-2.51E+00
7.99E+01	-9.30E+01	1.60E+02	-1.22E-03	-2.50E+00
7.99E+01	-9.30E+01	1.60E+02	-1.95E-02	-2.49E+00
7.99E+01	-9.30E+01	1.60E+02	-7.08E-02	-2.50E+00
7.99E+01	-9.30E+01	1.59E+02	9.77E-03	-2.49E+00
8.00E+01	-9.30E+01	1.60E+02	-2.93E-02	-2.51E+00
8.00E+01	-9.30E+01	1.60E+02	-4.88E-03	-2.50E+00
8.00E+01	-9.30E+01	1.60E+02	-7.32E-03	-2.50E+00
8.00E+01	-9.30E+01	1.60E+02	-1.95E-02	-2.50E+00
8.00E+01	-9.30E+01	1.60E+02	0.00E+00	-2.49E+00
8.01E+01	-9.30E+01	1.60E+02	-1.95E-02	-2.49E+00
8.01E+01	-9.30E+01	1.60E+02	-7.32E-03	-2.49E+00
8.01E+01	-9.30E+01	1.60E+02	-3.42E-02	-2.48E+00
8.01E+01	-9.30E+01	1.60E+02	-3.30E-02	-2.48E+00
8.01E+01	-9.30E+01	1.60E+02	-1.34E-02	-2.48E+00
8.02E+01	-9.30E+01	1.60E+02	-1.22E-02	-2.47E+00
8.02E+01	-9.30E+01	1.59E+02	-3.17E-02	-2.48E+00
8.02E+01	-9.30E+01	1.60E+02	-1.22E-02	-2.47E+00
8.02E+01	-9.30E+01	1.60E+02	-3.17E-02	-2.48E+00
8.02E+01	-9.30E+01	1.60E+02	-1.34E-02	-2.48E+00
8.03E+01	-9.30E+01	1.60E+02	-9.77E-03	-2.47E+00
8.03E+01	-9.30E+01	1.60E+02	-2.69E-02	-2.48E+00
8.03E+01	-9.30E+01	1.60E+02	-1.34E-02	-2.47E+00
8.03E+01	-9.30E+01	1.60E+02	-1.46E-02	-2.47E+00
8.03E+01	-9.30E+01	1.59E+02	-1.71E-02	-2.46E+00
8.04E+01	-9.30E+01	1.60E+02	-1.22E-02	-2.45E+00
8.04E+01	-9.30E+01	1.60E+02	-3.91E-02	-2.47E+00
8.04E+01	-9.30E+01	1.60E+02	-4.88E-03	-2.45E+00
8.04E+01	-9.30E+01	1.59E+02	-4.15E-02	-2.46E+00
8.04E+01	-9.30E+01	1.59E+02	-4.88E-03	-2.46E+00
8.05E+01	-9.30E+01	1.60E+02	-1.95E-02	-2.45E+00
8.05E+01	-9.30E+01	1.60E+02	-2.69E-02	-2.46E+00
8.05E+01	-9.30E+01	1.59E+02	-1.22E-02	-2.45E+00

8.05E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.46E+00
8.05E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.43E+00
8.06E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.45E+00
8.06E+01	-9.30E+01	1.59E+02	2.44E-03	-2.45E+00
8.06E+01	-9.30E+01	1.59E+02	-1.34E-02	-2.44E+00
8.06E+01	-9.30E+01	1.59E+02	-3.66E-02	-2.45E+00
8.06E+01	-9.30E+01	1.59E+02	-4.88E-03	-2.44E+00
8.07E+01	-9.30E+01	1.59E+02	-1.95E-02	-2.44E+00
8.07E+01	-9.30E+01	1.59E+02	-8.54E-03	-2.44E+00
8.07E+01	-9.30E+01	1.59E+02	-1.34E-02	-2.43E+00
8.07E+01	-9.30E+01	1.59E+02	-2.32E-02	-2.44E+00
8.07E+01	-9.30E+01	1.59E+02	-3.66E-03	-2.43E+00
8.08E+01	-9.30E+01	1.59E+02	-3.42E-02	-2.43E+00
8.08E+01	-9.30E+01	1.59E+02	-1.46E-02	-2.45E+00
8.08E+01	-9.30E+01	1.59E+02	-7.32E-03	-2.42E+00
8.08E+01	-9.30E+01	1.59E+02	-3.91E-02	-2.42E+00
8.08E+01	-9.30E+01	1.59E+02	-7.32E-03	-2.43E+00
8.09E+01	-9.30E+01	1.59E+02	4.88E-03	-2.41E+00
8.09E+01	-9.30E+01	1.59E+02	-4.88E-02	-2.41E+00
8.09E+01	-9.30E+01	1.58E+02	4.88E-03	-2.42E+00
8.09E+01	-9.30E+01	1.58E+02	-1.46E-02	-2.41E+00
8.09E+01	-9.30E+01	1.59E+02	-1.95E-02	-2.42E+00
8.10E+01	-9.30E+01	1.59E+02	-7.32E-03	-2.41E+00
8.10E+01	-9.30E+01	1.59E+02	-2.20E-02	-2.41E+00
8.10E+01	-9.30E+01	1.59E+02	-1.46E-02	-2.42E+00
8.10E+01	-9.30E+01	1.60E+02	-4.15E-02	-2.40E+00
8.10E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.40E+00
8.11E+01	-9.30E+01	1.59E+02	-3.66E-03	-2.39E+00
8.11E+01	-9.30E+01	1.58E+02	-3.91E-02	-2.41E+00
8.11E+01	-9.30E+01	1.59E+02	-1.59E-02	-2.40E+00
8.11E+01	-9.30E+01	1.59E+02	-1.22E-02	-2.40E+00
8.11E+01	-9.30E+01	1.59E+02	-2.20E-02	-2.40E+00
8.12E+01	-9.30E+01	1.59E+02	-7.32E-03	-2.39E+00
8.12E+01	-9.30E+01	1.59E+02	-2.44E-02	-2.40E+00
8.12E+01	-9.30E+01	1.59E+02	-9.77E-03	-2.39E+00
8.12E+01	-9.30E+01	1.59E+02	-1.95E-02	-2.38E+00
8.12E+01	-9.30E+01	1.59E+02	1.71E-02	-2.39E+00
8.13E+01	-9.30E+01	1.59E+02	-1.95E-02	-2.38E+00
8.13E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.40E+00
8.13E+01	-9.30E+01	1.59E+02	-2.20E-02	-2.38E+00
8.13E+01	-9.30E+01	1.59E+02	-3.42E-02	-2.39E+00
8.13E+01	-9.30E+01	1.58E+02	-1.22E-02	-2.38E+00
8.14E+01	-9.30E+01	1.59E+02	-1.83E-02	-2.38E+00
8.14E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.38E+00
8.14E+01	-9.30E+01	1.59E+02	-1.22E-03	-2.37E+00
8.14E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.37E+00
8.14E+01	-9.30E+01	1.58E+02	-1.95E-02	-2.37E+00

8.15E+01	-9.30E+01	1.59E+02	1.71E-02	-2.36E+00
8.15E+01	-9.30E+01	1.59E+02	-1.95E-02	-2.37E+00
8.15E+01	-9.30E+01	1.59E+02	-1.46E-02	-2.36E+00
8.15E+01	-9.30E+01	1.59E+02	-3.05E-02	-2.36E+00
8.15E+01	-9.30E+01	1.59E+02	-1.46E-02	-2.38E+00
8.16E+01	-9.30E+01	1.59E+02	-2.44E-02	-2.36E+00
8.16E+01	-9.30E+01	1.58E+02	-1.71E-02	-2.37E+00
8.16E+01	-9.30E+01	1.59E+02	-4.88E-03	-2.35E+00
8.16E+01	-9.30E+01	1.58E+02	-3.17E-02	-2.36E+00
8.16E+01	-9.30E+01	1.59E+02	4.88E-03	-2.35E+00
8.17E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.36E+00
8.17E+01	-9.30E+01	1.58E+02	3.66E-03	-2.36E+00
8.17E+01	-9.30E+01	1.59E+02	9.77E-03	-2.33E+00
8.17E+01	-9.30E+01	1.59E+02	-2.20E-02	-2.36E+00
8.17E+01	-9.30E+01	1.59E+02	-4.88E-03	-2.34E+00
8.18E+01	-9.30E+01	1.59E+02	-4.27E-02	-2.35E+00
8.18E+01	-9.30E+01	1.59E+02	-8.54E-03	-2.34E+00
8.18E+01	-9.30E+01	1.59E+02	-1.71E-02	-2.34E+00
8.18E+01	-9.30E+01	1.59E+02	-1.10E-02	-2.34E+00
8.18E+01	-9.30E+01	1.58E+02	-2.20E-02	-2.34E+00
8.19E+01	-9.30E+01	1.58E+02	-1.83E-02	-2.34E+00
8.19E+01	-9.30E+01	1.59E+02	-6.10E-03	-2.33E+00
8.19E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.34E+00
8.19E+01	-9.30E+01	1.59E+02	4.88E-03	-2.32E+00
8.19E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.33E+00
8.20E+01	-9.30E+01	1.59E+02	-1.22E-02	-2.33E+00
8.20E+01	-9.30E+01	1.59E+02	-2.93E-02	-2.32E+00
8.20E+01	-9.30E+01	1.59E+02	-2.56E-02	-2.33E+00
8.20E+01	-9.30E+01	1.59E+02	-1.46E-02	-2.32E+00
8.20E+01	-9.30E+01	1.59E+02	-2.44E-02	-2.33E+00
8.21E+01	-9.30E+01	1.59E+02	-1.22E-02	-2.32E+00
8.21E+01	-9.30E+01	1.59E+02	-1.83E-02	-2.32E+00
8.21E+01	-9.30E+01	1.58E+02	-9.77E-03	-2.32E+00
8.21E+01	-9.30E+01	1.59E+02	-2.44E-02	-2.32E+00
8.21E+01	-9.30E+01	1.59E+02	-3.66E-02	-2.33E+00
8.22E+01	-9.30E+01	1.60E+02	-1.22E-02	-2.30E+00
8.22E+01	-9.30E+01	1.58E+02	-2.44E-03	-2.32E+00
8.22E+01	-9.30E+01	1.59E+02	-1.71E-02	-2.30E+00
8.22E+01	-9.30E+01	1.59E+02	-2.32E-02	-2.31E+00
8.22E+01	-9.30E+01	1.59E+02	-3.17E-02	-2.31E+00
8.23E+01	-9.30E+01	1.59E+02	-2.20E-02	-2.30E+00
8.23E+01	-9.30E+01	1.58E+02	-1.46E-02	-2.31E+00
8.23E+01	-9.30E+01	1.59E+02	-9.77E-03	-2.29E+00
8.23E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.31E+00
8.23E+01	-9.30E+01	1.59E+02	-2.44E-03	-2.29E+00
8.24E+01	-9.30E+01	1.59E+02	-2.56E-02	-2.30E+00
8.24E+01	-9.30E+01	1.59E+02	-8.54E-03	-2.31E+00

8.24E+01	-9.30E+01	1.59E+02	-4.03E-02	-2.29E+00
8.24E+01	-9.30E+01	1.59E+02	-2.81E-02	-2.30E+00
8.24E+01	-9.30E+01	1.59E+02	-1.83E-02	-2.28E+00
8.25E+01	-9.30E+01	1.59E+02	-3.05E-02	-2.30E+00
8.25E+01	-9.30E+01	1.59E+02	-2.08E-02	-2.29E+00
8.25E+01	-9.30E+01	1.59E+02	-2.20E-02	-2.28E+00
8.25E+01	-9.30E+01	1.59E+02	-2.56E-02	-2.28E+00
8.25E+01	-9.30E+01	1.59E+02	-1.34E-02	-2.28E+00
8.26E+01	-9.30E+01	1.59E+02	-2.44E-02	-2.29E+00
8.26E+01	-9.30E+01	1.59E+02	-3.66E-03	-2.27E+00
8.26E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.28E+00
8.26E+01	-9.30E+01	1.59E+02	-1.22E-02	-2.28E+00
8.26E+01	-9.30E+01	1.59E+02	-3.54E-02	-2.25E+00
8.27E+01	-9.30E+01	1.59E+02	-4.88E-03	-2.29E+00
8.27E+01	-9.30E+01	1.59E+02	-8.54E-03	-2.27E+00
8.27E+01	-9.30E+01	1.59E+02	-3.42E-02	-2.28E+00
8.27E+01	-9.30E+01	1.59E+02	-7.32E-03	-2.27E+00
8.27E+01	-9.30E+01	1.59E+02	-2.44E-02	-2.27E+00
8.28E+01	-9.30E+01	1.59E+02	-1.59E-02	-2.26E+00
8.28E+01	-9.30E+01	1.59E+02	-3.05E-02	-2.25E+00
8.28E+01	-9.30E+01	1.59E+02	-1.22E-02	-2.26E+00
8.28E+01	-9.30E+01	1.59E+02	-7.32E-03	-2.25E+00
8.28E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.26E+00
8.29E+01	-9.30E+01	1.59E+02	-4.88E-03	-2.25E+00
8.29E+01	-9.30E+01	1.59E+02	-2.81E-02	-2.25E+00
8.29E+01	-9.30E+01	1.59E+02	-1.22E-02	-2.25E+00
8.29E+01	-9.30E+01	1.59E+02	-1.34E-02	-2.26E+00
8.29E+01	-9.30E+01	1.59E+02	0.00E+00	-2.25E+00
8.30E+01	-9.30E+01	1.59E+02	-1.95E-02	-2.24E+00
8.30E+01	-9.30E+01	1.59E+02	-1.34E-02	-2.26E+00
8.30E+01	-9.30E+01	1.59E+02	-9.77E-03	-2.24E+00
8.30E+01	-9.30E+01	1.59E+02	-1.71E-02	-2.24E+00
8.30E+01	-9.30E+01	1.59E+02	0.00E+00	-2.24E+00
8.31E+01	-9.30E+01	1.59E+02	-1.83E-02	-2.23E+00
8.31E+01	-9.30E+01	1.59E+02	-2.20E-02	-2.24E+00
8.31E+01	-9.30E+01	1.59E+02	-9.77E-03	-2.23E+00
8.31E+01	-9.30E+01	1.59E+02	-2.69E-02	-2.24E+00
8.31E+01	-9.30E+01	1.59E+02	-1.22E-02	-2.24E+00
8.32E+01	-9.30E+01	1.59E+02	-3.91E-02	-2.23E+00
8.32E+01	-9.30E+01	1.59E+02	1.46E-02	-2.23E+00
8.32E+01	-9.30E+01	1.59E+02	-2.20E-02	-2.22E+00
8.32E+01	-9.30E+01	1.59E+02	-2.93E-02	-2.24E+00
8.32E+01	-9.30E+01	1.59E+02	-2.08E-02	-2.22E+00
8.33E+01	-9.30E+01	1.59E+02	-3.66E-02	-2.23E+00
8.33E+01	-9.30E+01	1.59E+02	-2.44E-03	-2.22E+00
8.33E+01	-9.30E+01	1.60E+02	-1.83E-02	-2.21E+00
8.33E+01	-9.30E+01	1.59E+02	-1.95E-02	-2.22E+00

8.33E+01	-9.30E+01	1.59E+02	-9.77E-03	-2.21E+00
8.34E+01	-9.30E+01	1.59E+02	-2.20E-02	-2.22E+00
8.34E+01	-9.30E+01	1.60E+02	-1.22E-03	-2.21E+00
8.34E+01	-9.30E+01	1.60E+02	-2.69E-02	-2.20E+00
8.34E+01	-9.30E+01	1.59E+02	-7.32E-03	-2.22E+00
8.34E+01	-9.30E+01	1.59E+02	-1.34E-02	-2.20E+00
8.35E+01	-9.30E+01	1.59E+02	-2.81E-02	-2.22E+00
8.35E+01	-9.30E+01	1.60E+02	0.00E+00	-2.19E+00
8.35E+01	-9.30E+01	1.60E+02	-3.17E-02	-2.21E+00
8.35E+01	-9.30E+01	1.60E+02	-3.17E-02	-2.21E+00
8.35E+01	-9.30E+01	1.60E+02	-1.22E-02	-2.20E+00
8.36E+01	-9.30E+01	1.60E+02	-2.93E-02	-2.19E+00
8.36E+01	-9.30E+01	1.60E+02	-4.88E-03	-2.19E+00
8.36E+01	-9.30E+01	1.60E+02	-2.44E-02	-2.19E+00
8.36E+01	-9.30E+01	1.60E+02	-7.32E-03	-2.19E+00
8.36E+01	-9.30E+01	1.60E+02	-1.46E-02	-2.18E+00
8.37E+01	-9.30E+01	1.60E+02	-1.46E-02	-2.18E+00
8.37E+01	-9.30E+01	1.60E+02	-1.22E-02	-2.18E+00
8.37E+01	-9.30E+01	1.60E+02	-3.91E-02	-2.20E+00
8.37E+01	-9.30E+01	1.60E+02	-1.59E-02	-2.17E+00
8.37E+01	-9.30E+01	1.60E+02	-1.71E-02	-2.19E+00
8.38E+01	-9.30E+01	1.60E+02	0.00E+00	-2.17E+00
8.38E+01	-9.30E+01	1.60E+02	-2.20E-02	-2.18E+00
8.38E+01	-9.30E+01	1.60E+02	-1.22E-03	-2.18E+00
8.38E+01	-9.30E+01	1.60E+02	-9.77E-03	-2.17E+00
8.38E+01	-9.30E+01	1.60E+02	-2.44E-02	-2.18E+00
8.39E+01	-9.30E+01	1.60E+02	-4.88E-03	-2.17E+00
8.39E+01	-9.30E+01	1.61E+02	-2.20E-02	-2.17E+00
8.39E+01	-9.30E+01	1.60E+02	-4.15E-02	-2.17E+00
8.39E+01	-9.30E+01	1.61E+02	1.10E-02	-2.17E+00
8.39E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.17E+00
8.40E+01	-9.30E+01	1.60E+02	-1.71E-02	-2.16E+00
8.40E+01	-9.30E+01	1.61E+02	-3.66E-02	-2.16E+00
8.40E+01	-9.30E+01	1.60E+02	-2.44E-02	-2.16E+00
8.40E+01	-9.30E+01	1.61E+02	-8.54E-03	-2.16E+00
8.40E+01	-9.30E+01	1.61E+02	-3.42E-02	-2.16E+00
8.41E+01	-9.30E+01	1.61E+02	-1.22E-03	-2.15E+00
8.41E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.15E+00
8.41E+01	-9.30E+01	1.60E+02	-1.46E-02	-2.15E+00
8.41E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.15E+00
8.41E+01	-9.30E+01	1.61E+02	1.71E-02	-2.16E+00
8.42E+01	-9.30E+01	1.61E+02	-2.08E-02	-2.13E+00
8.42E+01	-9.30E+01	1.61E+02	0.00E+00	-2.16E+00
8.42E+01	-9.30E+01	1.61E+02	-1.83E-02	-2.14E+00
8.42E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.14E+00
8.42E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.13E+00
8.43E+01	-9.30E+01	1.61E+02	-3.17E-02	-2.14E+00

8.43E+01	-9.30E+01	1.61E+02	-4.88E-03	-2.14E+00
8.43E+01	-9.30E+01	1.61E+02	-3.05E-02	-2.13E+00
8.43E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.14E+00
8.43E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.12E+00
8.44E+01	-9.30E+01	1.61E+02	-2.69E-02	-2.14E+00
8.44E+01	-9.30E+01	1.61E+02	-9.77E-03	-2.11E+00
8.44E+01	-9.30E+01	1.60E+02	-1.22E-02	-2.12E+00
8.44E+01	-9.30E+01	1.60E+02	-9.77E-03	-2.13E+00
8.44E+01	-9.30E+01	1.61E+02	-4.64E-02	-2.11E+00
8.45E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.13E+00
8.45E+01	-9.30E+01	1.61E+02	1.22E-03	-2.11E+00
8.45E+01	-9.30E+01	1.61E+02	-3.17E-02	-2.12E+00
8.45E+01	-9.30E+01	1.61E+02	-6.10E-03	-2.11E+00
8.45E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.11E+00
8.46E+01	-9.30E+01	1.61E+02	-6.10E-03	-2.12E+00
8.46E+01	-9.30E+01	1.61E+02	-9.77E-03	-2.11E+00
8.46E+01	-9.30E+01	1.61E+02	-2.20E-02	-2.12E+00
8.46E+01	-9.30E+01	1.61E+02	-2.44E-03	-2.10E+00
8.46E+01	-9.30E+01	1.62E+02	-6.84E-02	-2.09E+00
8.47E+01	-9.30E+01	1.61E+02	0.00E+00	-2.10E+00
8.47E+01	-9.30E+01	1.61E+02	-4.64E-02	-2.09E+00
8.47E+01	-9.30E+01	1.61E+02	-2.44E-03	-2.10E+00
8.47E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.09E+00
8.47E+01	-9.30E+01	1.61E+02	-2.69E-02	-2.11E+00
8.48E+01	-9.30E+01	1.61E+02	0.00E+00	-2.09E+00
8.48E+01	-9.30E+01	1.62E+02	-2.32E-02	-2.09E+00
8.48E+01	-9.30E+01	1.61E+02	-1.34E-02	-2.10E+00
8.48E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.08E+00
8.48E+01	-9.30E+01	1.61E+02	-2.69E-02	-2.10E+00
8.49E+01	-9.30E+01	1.61E+02	-9.77E-03	-2.08E+00
8.49E+01	-9.30E+01	1.61E+02	-2.32E-02	-2.08E+00
8.49E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.08E+00
8.49E+01	-9.30E+01	1.62E+02	-3.17E-02	-2.09E+00
8.49E+01	-9.30E+01	1.61E+02	-7.32E-03	-2.08E+00
8.50E+01	-9.30E+01	1.61E+02	-2.08E-02	-2.07E+00
8.50E+01	-9.30E+01	1.61E+02	-3.66E-02	-2.09E+00
8.50E+01	-9.30E+01	1.61E+02	2.44E-03	-2.07E+00
8.50E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.08E+00
8.50E+01	-9.30E+01	1.61E+02	-1.22E-03	-2.07E+00
8.51E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.07E+00
8.51E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.08E+00
8.51E+01	-9.30E+01	1.61E+02	-1.22E-02	-2.06E+00
8.51E+01	-9.30E+01	1.61E+02	-2.69E-02	-2.08E+00
8.51E+01	-9.30E+01	1.61E+02	2.20E-02	-2.05E+00
8.52E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.05E+00
8.52E+01	-9.30E+01	1.61E+02	3.66E-03	-2.05E+00
8.52E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.05E+00

8.52E+01	-9.30E+01	1.61E+02	-1.83E-02	-2.07E+00
8.52E+01	-9.30E+01	1.61E+02	-3.66E-03	-2.04E+00
8.53E+01	-9.30E+01	1.61E+02	-2.56E-02	-2.06E+00
8.53E+01	-9.30E+01	1.61E+02	-1.10E-02	-2.05E+00
8.53E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.05E+00
8.53E+01	-9.30E+01	1.61E+02	-6.10E-03	-2.05E+00
8.53E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.04E+00
8.54E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.05E+00
8.54E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.04E+00
8.54E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.05E+00
8.54E+01	-9.30E+01	1.61E+02	2.81E-02	-2.05E+00
8.54E+01	-9.30E+01	1.61E+02	-3.17E-02	-2.03E+00
8.55E+01	-9.30E+01	1.61E+02	2.20E-02	-2.04E+00
8.55E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.03E+00
8.55E+01	-9.30E+01	1.61E+02	-2.20E-02	-2.03E+00
8.55E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.03E+00
8.55E+01	-9.30E+01	1.61E+02	-2.81E-02	-2.03E+00
8.56E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.03E+00
8.56E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.03E+00
8.56E+01	-9.30E+01	1.61E+02	0.00E+00	-2.02E+00
8.56E+01	-9.30E+01	1.61E+02	-2.08E-02	-2.03E+00
8.56E+01	-9.30E+01	1.61E+02	-7.32E-03	-2.02E+00
8.57E+01	-9.30E+01	1.61E+02	-2.44E-02	-2.02E+00
8.57E+01	-9.30E+01	1.61E+02	-6.10E-03	-2.02E+00
8.57E+01	-9.30E+01	1.61E+02	-3.66E-02	-2.01E+00
8.57E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.04E+00
8.57E+01	-9.30E+01	1.61E+02	6.10E-03	-2.02E+00
8.58E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.00E+00
8.58E+01	-9.30E+01	1.61E+02	1.59E-02	-2.00E+00
8.58E+01	-9.30E+01	1.61E+02	-4.39E-02	-2.02E+00
8.58E+01	-9.30E+01	1.61E+02	-2.44E-03	-2.01E+00
8.58E+01	-9.30E+01	1.61E+02	-2.93E-02	-2.00E+00
8.59E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.01E+00
8.59E+01	-9.30E+01	1.61E+02	-2.69E-02	-2.00E+00
8.59E+01	-9.30E+01	1.61E+02	-2.20E-02	-2.01E+00
8.59E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.99E+00
8.59E+01	-9.30E+01	1.61E+02	-2.81E-02	-2.00E+00
8.60E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.99E+00
8.60E+01	-9.30E+01	1.61E+02	-1.83E-02	-2.00E+00
8.60E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.99E+00
8.60E+01	-9.30E+01	1.61E+02	-2.56E-02	-2.00E+00
8.60E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.98E+00
8.61E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.97E+00
8.61E+01	-9.30E+01	1.60E+02	-2.56E-02	-1.99E+00
8.61E+01	-9.30E+01	1.61E+02	0.00E+00	-1.98E+00
8.61E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.99E+00
8.61E+01	-9.30E+01	1.61E+02	-3.91E-02	-1.98E+00

8.62E+01	-9.30E+01	1.60E+02	-3.42E-02	-1.98E+00
8.62E+01	-9.30E+01	1.61E+02	1.22E-03	-1.97E+00
8.62E+01	-9.30E+01	1.61E+02	-3.78E-02	-1.98E+00
8.62E+01	-9.30E+01	1.61E+02	9.77E-03	-1.97E+00
8.62E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.97E+00
8.63E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.98E+00
8.63E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.96E+00
8.63E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.97E+00
8.63E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.96E+00
8.63E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.97E+00
8.64E+01	-9.30E+01	1.61E+02	2.44E-02	-1.97E+00
8.64E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.94E+00
8.64E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.97E+00
8.64E+01	-9.30E+01	1.61E+02	7.32E-03	-1.96E+00
8.64E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.96E+00
8.65E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.95E+00
8.65E+01	-9.30E+01	1.60E+02	-1.59E-02	-1.95E+00
8.65E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.96E+00
8.65E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.94E+00
8.65E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.95E+00
8.66E+01	-9.30E+01	1.60E+02	-8.54E-03	-1.94E+00
8.66E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.95E+00
8.66E+01	-9.30E+01	1.60E+02	2.44E-03	-1.94E+00
8.66E+01	-9.30E+01	1.61E+02	-3.30E-02	-1.94E+00
8.66E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.94E+00
8.67E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.95E+00
8.67E+01	-9.30E+01	1.60E+02	-1.59E-02	-1.94E+00
8.67E+01	-9.30E+01	1.60E+02	1.34E-02	-1.93E+00
8.67E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.94E+00
8.67E+01	-9.30E+01	1.60E+02	6.10E-03	-1.93E+00
8.68E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.93E+00
8.68E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.91E+00
8.68E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.94E+00
8.68E+01	-9.30E+01	1.60E+02	-2.08E-02	-1.93E+00
8.68E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.92E+00
8.69E+01	-9.30E+01	1.60E+02	-1.83E-02	-1.92E+00
8.69E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.91E+00
8.69E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.93E+00
8.69E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.91E+00
8.69E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.92E+00
8.70E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.91E+00
8.70E+01	-9.30E+01	1.60E+02	-4.88E-02	-1.91E+00
8.70E+01	-9.30E+01	1.60E+02	1.46E-02	-1.94E+00
8.70E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.90E+00
8.70E+01	-9.30E+01	1.60E+02	-1.83E-02	-1.92E+00
8.71E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.89E+00
8.71E+01	-9.30E+01	1.60E+02	-2.81E-02	-1.91E+00

8.71E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.90E+00
8.71E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.89E+00
8.71E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.90E+00
8.72E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.89E+00
8.72E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.90E+00
8.72E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.89E+00
8.72E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.89E+00
8.72E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.88E+00
8.73E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.90E+00
8.73E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.88E+00
8.73E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.88E+00
8.73E+01	-9.30E+01	1.60E+02	-5.25E-02	-1.88E+00
8.73E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.88E+00
8.74E+01	-9.30E+01	1.60E+02	2.44E-03	-1.88E+00
8.74E+01	-9.30E+01	1.60E+02	-4.64E-02	-1.87E+00
8.74E+01	-9.30E+01	1.60E+02	0.00E+00	-1.88E+00
8.74E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.87E+00
8.74E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.88E+00
8.75E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.86E+00
8.75E+01	-9.30E+01	1.60E+02	-3.42E-02	-1.87E+00
8.75E+01	-9.30E+01	1.60E+02	0.00E+00	-1.86E+00
8.75E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.87E+00
8.75E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.87E+00
8.76E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.86E+00
8.76E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.87E+00
8.76E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.86E+00
8.76E+01	-9.30E+01	1.61E+02	-4.52E-02	-1.85E+00
8.76E+01	-9.30E+01	1.60E+02	4.88E-03	-1.86E+00
8.77E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.85E+00
8.77E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.86E+00
8.77E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.84E+00
8.77E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.85E+00
8.77E+01	-9.30E+01	1.60E+02	-6.10E-03	-1.84E+00
8.78E+01	-9.30E+01	1.61E+02	-3.66E-02	-1.85E+00
8.78E+01	-9.30E+01	1.61E+02	-3.66E-03	-1.84E+00
8.78E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.84E+00
8.78E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.84E+00
8.78E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.83E+00
8.79E+01	-9.30E+01	1.61E+02	-2.32E-02	-1.84E+00
8.79E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.83E+00
8.79E+01	-9.30E+01	1.60E+02	-4.15E-02	-1.85E+00
8.79E+01	-9.30E+01	1.60E+02	-1.10E-02	-1.83E+00
8.79E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.84E+00
8.80E+01	-9.30E+01	1.61E+02	7.32E-03	-1.82E+00
8.80E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.83E+00
8.80E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.83E+00
8.80E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.82E+00

8.80E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.82E+00
8.81E+01	-9.30E+01	1.61E+02	2.44E-03	-1.81E+00
8.81E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.83E+00
8.81E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.81E+00
8.81E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.81E+00
8.81E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.82E+00
8.82E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.81E+00
8.82E+01	-9.30E+01	1.61E+02	-2.32E-02	-1.81E+00
8.82E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.80E+00
8.82E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.81E+00
8.82E+01	-9.30E+01	1.61E+02	1.95E-02	-1.82E+00
8.83E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.82E+00
8.83E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.80E+00
8.83E+01	-9.30E+01	1.61E+02	-2.32E-02	-1.80E+00
8.83E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.81E+00
8.83E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.79E+00
8.84E+01	-9.30E+01	1.61E+02	-3.54E-02	-1.80E+00
8.84E+01	-9.30E+01	1.61E+02	0.00E+00	-1.79E+00
8.84E+01	-9.30E+01	1.61E+02	-1.83E-02	-1.78E+00
8.84E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.79E+00
8.84E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.78E+00
8.85E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.79E+00
8.85E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.78E+00
8.85E+01	-9.30E+01	1.61E+02	-3.54E-02	-1.79E+00
8.85E+01	-9.30E+01	1.61E+02	7.32E-03	-1.78E+00
8.85E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.78E+00
8.86E+01	-9.30E+01	1.61E+02	-2.08E-02	-1.79E+00
8.86E+01	-9.30E+01	1.61E+02	1.46E-02	-1.77E+00
8.86E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.77E+00
8.86E+01	-9.30E+01	1.61E+02	1.22E-02	-1.78E+00
8.86E+01	-9.30E+01	1.61E+02	-2.81E-02	-1.77E+00
8.87E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.77E+00
8.87E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.76E+00
8.87E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.76E+00
8.87E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.77E+00
8.87E+01	-9.30E+01	1.61E+02	-2.32E-02	-1.77E+00
8.88E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.76E+00
8.88E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.77E+00
8.88E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.76E+00
8.88E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.76E+00
8.88E+01	-9.30E+01	1.61E+02	-6.10E-03	-1.75E+00
8.89E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.75E+00
8.89E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.77E+00
8.89E+01	-9.30E+01	1.61E+02	-4.52E-02	-1.75E+00
8.89E+01	-9.30E+01	1.61E+02	-1.22E-03	-1.78E+00
8.89E+01	-9.30E+01	1.61E+02	9.77E-03	-1.73E+00
8.90E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.76E+00

8.90E+01	-9.30E+01	1.61E+02	4.88E-03	-1.74E+00
8.90E+01	-9.30E+01	1.61E+02	-3.30E-02	-1.74E+00
8.90E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.75E+00
8.90E+01	-9.30E+01	1.61E+02	-3.05E-02	-1.73E+00
8.91E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.75E+00
8.91E+01	-9.30E+01	1.61E+02	-3.66E-03	-1.72E+00
8.91E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.74E+00
8.91E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.73E+00
8.91E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.73E+00
8.92E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.73E+00
8.92E+01	-9.30E+01	1.61E+02	-3.05E-02	-1.73E+00
8.92E+01	-9.30E+01	1.61E+02	1.71E-02	-1.71E+00
8.92E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.73E+00
8.92E+01	-9.30E+01	1.61E+02	2.08E-02	-1.72E+00
8.93E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.72E+00
8.93E+01	-9.30E+01	1.61E+02	-1.83E-02	-1.73E+00
8.93E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.71E+00
8.93E+01	-9.30E+01	1.61E+02	-3.30E-02	-1.72E+00
8.93E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.71E+00
8.94E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.72E+00
8.94E+01	-9.30E+01	1.61E+02	-6.10E-03	-1.71E+00
8.94E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.70E+00
8.94E+01	-9.30E+01	1.61E+02	1.22E-03	-1.71E+00
8.94E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.70E+00
8.95E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.71E+00
8.95E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.70E+00
8.95E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.68E+00
8.95E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.70E+00
8.95E+01	-9.30E+01	1.61E+02	-4.15E-02	-1.68E+00
8.96E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.70E+00
8.96E+01	-9.30E+01	1.61E+02	0.00E+00	-1.68E+00
8.96E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.70E+00
8.96E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.68E+00
8.96E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.69E+00
8.97E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.69E+00
8.97E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.68E+00
8.97E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.69E+00
8.97E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.68E+00
8.97E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.68E+00
8.98E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.68E+00
8.98E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.67E+00
8.98E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.68E+00
8.98E+01	-9.30E+01	1.61E+02	1.46E-02	-1.68E+00
8.98E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.67E+00
8.99E+01	-9.30E+01	1.61E+02	-6.10E-03	-1.66E+00
8.99E+01	-9.30E+01	1.61E+02	-1.83E-02	-1.67E+00
8.99E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.67E+00

8.99E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.66E+00
8.99E+01	-9.30E+01	1.61E+02	-1.34E-02	-1.67E+00
9.00E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.66E+00
9.00E+01	-9.30E+01	1.61E+02	-2.81E-02	-1.67E+00
9.00E+01	-9.30E+01	1.60E+02	-8.54E-03	-1.66E+00
9.00E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.65E+00
9.00E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.66E+00
9.01E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.65E+00
9.01E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.66E+00
9.01E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.64E+00
9.01E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.66E+00
9.01E+01	-9.30E+01	1.61E+02	-3.66E-03	-1.64E+00
9.02E+01	-9.30E+01	1.60E+02	-6.59E-02	-1.63E+00
9.02E+01	-9.30E+01	1.60E+02	-1.59E-02	-1.63E+00
9.02E+01	-9.30E+01	1.61E+02	-3.66E-02	-1.64E+00
9.02E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.65E+00
9.02E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.63E+00
9.03E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.64E+00
9.03E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.62E+00
9.03E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.64E+00
9.03E+01	-9.30E+01	1.61E+02	4.88E-03	-1.63E+00
9.03E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.63E+00
9.04E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.63E+00
9.04E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.62E+00
9.04E+01	-9.30E+01	1.61E+02	-2.81E-02	-1.63E+00
9.04E+01	-9.30E+01	1.61E+02	-3.66E-03	-1.62E+00
9.04E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.62E+00
9.05E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.62E+00
9.05E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.62E+00
9.05E+01	-9.30E+01	1.61E+02	6.10E-03	-1.63E+00
9.05E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.61E+00
9.05E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.62E+00
9.06E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.61E+00
9.06E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.61E+00
9.06E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.61E+00
9.06E+01	-9.30E+01	1.61E+02	-2.08E-02	-1.60E+00
9.06E+01	-9.30E+01	1.61E+02	-3.05E-02	-1.61E+00
9.07E+01	-9.30E+01	1.61E+02	7.32E-03	-1.60E+00
9.07E+01	-9.30E+01	1.61E+02	-3.66E-02	-1.60E+00
9.07E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.61E+00
9.07E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.59E+00
9.07E+01	-9.30E+01	1.61E+02	-2.56E-02	-1.60E+00
9.08E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.59E+00
9.08E+01	-9.30E+01	1.61E+02	-4.15E-02	-1.60E+00
9.08E+01	-9.30E+01	1.61E+02	2.44E-03	-1.59E+00
9.08E+01	-9.30E+01	1.61E+02	-2.81E-02	-1.58E+00
9.08E+01	-9.30E+01	1.61E+02	1.34E-02	-1.60E+00

9.09E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.57E+00
9.09E+01	-9.30E+01	1.61E+02	-6.10E-03	-1.60E+00
9.09E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.58E+00
9.09E+01	-9.30E+01	1.61E+02	-2.32E-02	-1.59E+00
9.09E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.58E+00
9.10E+01	-9.30E+01	1.61E+02	-2.08E-02	-1.58E+00
9.10E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.58E+00
9.10E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.56E+00
9.10E+01	-9.30E+01	1.61E+02	-3.05E-02	-1.58E+00
9.10E+01	-9.30E+01	1.61E+02	2.44E-03	-1.57E+00
9.11E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.57E+00
9.11E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.57E+00
9.11E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.56E+00
9.11E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.57E+00
9.11E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.55E+00
9.12E+01	-9.30E+01	1.61E+02	-5.86E-02	-1.56E+00
9.12E+01	-9.30E+01	1.61E+02	9.77E-03	-1.55E+00
9.12E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.56E+00
9.12E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.56E+00
9.12E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.55E+00
9.13E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.56E+00
9.13E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.54E+00
9.13E+01	-9.30E+01	1.61E+02	-3.66E-02	-1.55E+00
9.13E+01	-9.30E+01	1.61E+02	4.88E-03	-1.54E+00
9.13E+01	-9.30E+01	1.61E+02	-3.66E-02	-1.55E+00
9.14E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.54E+00
9.14E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.54E+00
9.14E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.54E+00
9.14E+01	-9.30E+01	1.61E+02	-3.66E-03	-1.53E+00
9.14E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.54E+00
9.15E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.53E+00
9.15E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.54E+00
9.15E+01	-9.30E+01	1.61E+02	1.59E-02	-1.54E+00
9.15E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.51E+00
9.15E+01	-9.30E+01	1.61E+02	-4.15E-02	-1.54E+00
9.16E+01	-9.30E+01	1.62E+02	4.88E-03	-1.51E+00
9.16E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.52E+00
9.16E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.52E+00
9.16E+01	-9.30E+01	1.61E+02	-2.81E-02	-1.53E+00
9.16E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.50E+00
9.17E+01	-9.30E+01	1.61E+02	-2.56E-02	-1.52E+00
9.17E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.52E+00
9.17E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.51E+00
9.17E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.52E+00
9.17E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.51E+00
9.18E+01	-9.30E+01	1.61E+02	-1.34E-02	-1.52E+00
9.18E+01	-9.30E+01	1.61E+02	-1.34E-02	-1.50E+00

9.18E+01	-9.30E+01	1.61E+02	-3.05E-02	-1.51E+00
9.18E+01	-9.30E+01	1.61E+02	0.00E+00	-1.50E+00
9.18E+01	-9.30E+01	1.61E+02	-3.66E-02	-1.50E+00
9.19E+01	-9.30E+01	1.61E+02	-4.39E-02	-1.52E+00
9.19E+01	-9.30E+01	1.61E+02	-6.10E-03	-1.49E+00
9.19E+01	-9.30E+01	1.61E+02	-2.08E-02	-1.49E+00
9.19E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.49E+00
9.19E+01	-9.30E+01	1.61E+02	-3.91E-02	-1.50E+00
9.20E+01	-9.30E+01	1.61E+02	4.88E-03	-1.49E+00
9.20E+01	-9.30E+01	1.61E+02	-2.32E-02	-1.49E+00
9.20E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.48E+00
9.20E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.49E+00
9.20E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.48E+00
9.21E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.48E+00
9.21E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.49E+00
9.21E+01	-9.30E+01	1.61E+02	-1.83E-02	-1.48E+00
9.21E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.49E+00
9.21E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.47E+00
9.22E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.48E+00
9.22E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.47E+00
9.22E+01	-9.30E+01	1.61E+02	-3.66E-02	-1.48E+00
9.22E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.47E+00
9.22E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.47E+00
9.23E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.45E+00
9.23E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.47E+00
9.23E+01	-9.30E+01	1.61E+02	7.32E-03	-1.47E+00
9.23E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.47E+00
9.23E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.47E+00
9.24E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.45E+00
9.24E+01	-9.30E+01	1.60E+02	-3.05E-02	-1.47E+00
9.24E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.44E+00
9.24E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.46E+00
9.24E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.45E+00
9.25E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.45E+00
9.25E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.45E+00
9.25E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.45E+00
9.25E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.45E+00
9.25E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.44E+00
9.26E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.43E+00
9.26E+01	-9.30E+01	1.60E+02	-3.91E-02	-1.44E+00
9.26E+01	-9.30E+01	1.61E+02	0.00E+00	-1.45E+00
9.26E+01	-9.30E+01	1.61E+02	-5.37E-02	-1.42E+00
9.26E+01	-9.30E+01	1.60E+02	-3.66E-03	-1.45E+00
9.27E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.42E+00
9.27E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.44E+00
9.27E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.43E+00
9.27E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.43E+00

9.27E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.42E+00
9.28E+01	-9.30E+01	1.61E+02	-4.64E-02	-1.43E+00
9.28E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.42E+00
9.28E+01	-9.30E+01	1.61E+02	-1.83E-02	-1.42E+00
9.28E+01	-9.30E+01	1.61E+02	-2.08E-02	-1.43E+00
9.28E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.41E+00
9.29E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.42E+00
9.29E+01	-9.30E+01	1.61E+02	-1.22E-03	-1.41E+00
9.29E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.41E+00
9.29E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.41E+00
9.29E+01	-9.30E+01	1.61E+02	7.32E-03	-1.41E+00
9.30E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.41E+00
9.30E+01	-9.30E+01	1.61E+02	-3.66E-02	-1.41E+00
9.30E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.40E+00
9.30E+01	-9.30E+01	1.60E+02	4.88E-03	-1.40E+00
9.30E+01	-9.30E+01	1.61E+02	-3.66E-02	-1.41E+00
9.31E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.40E+00
9.31E+01	-9.30E+01	1.61E+02	-1.34E-02	-1.39E+00
9.31E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.40E+00
9.31E+01	-9.30E+01	1.60E+02	-1.34E-02	-1.39E+00
9.31E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.40E+00
9.32E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.38E+00
9.32E+01	-9.30E+01	1.60E+02	-2.32E-02	-1.40E+00
9.32E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.38E+00
9.32E+01	-9.30E+01	1.61E+02	-2.81E-02	-1.39E+00
9.32E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.39E+00
9.33E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.38E+00
9.33E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.39E+00
9.33E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.37E+00
9.33E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.39E+00
9.33E+01	-9.30E+01	1.61E+02	-1.22E-03	-1.37E+00
9.34E+01	-9.30E+01	1.60E+02	-3.17E-02	-1.39E+00
9.34E+01	-9.30E+01	1.60E+02	1.71E-02	-1.37E+00
9.34E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.37E+00
9.34E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.38E+00
9.34E+01	-9.30E+01	1.61E+02	-4.39E-02	-1.38E+00
9.35E+01	-9.30E+01	1.60E+02	-2.32E-02	-1.37E+00
9.35E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.37E+00
9.35E+01	-9.30E+01	1.61E+02	-3.78E-02	-1.37E+00
9.35E+01	-9.30E+01	1.60E+02	-1.34E-02	-1.36E+00
9.35E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.36E+00
9.36E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.37E+00
9.36E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.35E+00
9.36E+01	-9.30E+01	1.60E+02	-3.17E-02	-1.36E+00
9.36E+01	-9.30E+01	1.60E+02	2.44E-03	-1.35E+00
9.36E+01	-9.30E+01	1.61E+02	-3.78E-02	-1.35E+00
9.37E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.35E+00

9.37E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.34E+00
9.37E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.35E+00
9.37E+01	-9.30E+01	1.61E+02	0.00E+00	-1.34E+00
9.37E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.34E+00
9.38E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.36E+00
9.38E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.33E+00
9.38E+01	-9.30E+01	1.60E+02	-5.62E-02	-1.37E+00
9.38E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.32E+00
9.38E+01	-9.30E+01	1.61E+02	1.95E-02	-1.34E+00
9.39E+01	-9.30E+01	1.61E+02	9.77E-03	-1.32E+00
9.39E+01	-9.30E+01	1.60E+02	-3.91E-02	-1.34E+00
9.39E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.33E+00
9.39E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.33E+00
9.39E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.33E+00
9.40E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.32E+00
9.40E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.33E+00
9.40E+01	-9.30E+01	1.61E+02	0.00E+00	-1.31E+00
9.40E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.32E+00
9.40E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.32E+00
9.41E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.32E+00
9.41E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.31E+00
9.41E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.31E+00
9.41E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.31E+00
9.41E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.31E+00
9.42E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.32E+00
9.42E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.30E+00
9.42E+01	-9.30E+01	1.60E+02	-5.37E-02	-1.31E+00
9.42E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.30E+00
9.42E+01	-9.30E+01	1.61E+02	-4.15E-02	-1.29E+00
9.43E+01	-9.30E+01	1.60E+02	0.00E+00	-1.30E+00
9.43E+01	-9.30E+01	1.60E+02	-4.15E-02	-1.30E+00
9.43E+01	-9.30E+01	1.60E+02	0.00E+00	-1.30E+00
9.43E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.28E+00
9.43E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.30E+00
9.44E+01	-9.30E+01	1.60E+02	1.22E-03	-1.28E+00
9.44E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.29E+00
9.44E+01	-9.30E+01	1.60E+02	-1.22E-03	-1.29E+00
9.44E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.29E+00
9.44E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.28E+00
9.45E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.29E+00
9.45E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.28E+00
9.45E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.27E+00
9.45E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.28E+00
9.45E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.28E+00
9.46E+01	-9.30E+01	1.60E+02	-2.56E-02	-1.28E+00
9.46E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.27E+00
9.46E+01	-9.30E+01	1.60E+02	9.77E-03	-1.28E+00

9.46E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.28E+00
9.46E+01	-9.30E+01	1.60E+02	1.22E-02	-1.25E+00
9.47E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.27E+00
9.47E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.26E+00
9.47E+01	-9.30E+01	1.60E+02	-1.83E-02	-1.27E+00
9.47E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.26E+00
9.47E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.26E+00
9.48E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.26E+00
9.48E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.25E+00
9.48E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.26E+00
9.48E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.25E+00
9.48E+01	-9.30E+01	1.60E+02	-2.56E-02	-1.26E+00
9.49E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.25E+00
9.49E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.24E+00
9.49E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.25E+00
9.49E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.24E+00
9.49E+01	-9.30E+01	1.59E+02	-2.69E-02	-1.25E+00
9.50E+01	-9.30E+01	1.59E+02	-9.77E-03	-1.24E+00
9.50E+01	-9.30E+01	1.60E+02	-2.56E-02	-1.25E+00
9.50E+01	-9.30E+01	1.60E+02	1.46E-02	-1.23E+00
9.50E+01	-9.30E+01	1.59E+02	-2.93E-02	-1.23E+00
9.50E+01	-9.30E+01	1.59E+02	-4.88E-03	-1.23E+00
9.51E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.23E+00
9.51E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.24E+00
9.51E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.22E+00
9.51E+01	-9.30E+01	1.59E+02	-1.59E-02	-1.23E+00
9.51E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.23E+00
9.52E+01	-9.30E+01	1.60E+02	-3.66E-02	-1.22E+00
9.52E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.23E+00
9.52E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.21E+00
9.52E+01	-9.30E+01	1.60E+02	-3.17E-02	-1.23E+00
9.52E+01	-9.30E+01	1.60E+02	-3.66E-03	-1.21E+00
9.53E+01	-9.30E+01	1.60E+02	-1.34E-02	-1.21E+00
9.53E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.22E+00
9.53E+01	-9.30E+01	1.60E+02	-1.10E-02	-1.21E+00
9.53E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.21E+00
9.53E+01	-9.30E+01	1.60E+02	-1.59E-02	-1.20E+00
9.54E+01	-9.30E+01	1.60E+02	-1.83E-02	-1.22E+00
9.54E+01	-9.30E+01	1.59E+02	-3.17E-02	-1.21E+00
9.54E+01	-9.30E+01	1.60E+02	-3.54E-02	-1.20E+00
9.54E+01	-9.30E+01	1.60E+02	9.77E-03	-1.20E+00
9.54E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.20E+00
9.55E+01	-9.30E+01	1.60E+02	0.00E+00	-1.20E+00
9.55E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.19E+00
9.55E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.20E+00
9.55E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.19E+00
9.55E+01	-9.30E+01	1.60E+02	-2.32E-02	-1.20E+00

9.56E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.18E+00
9.56E+01	-9.30E+01	1.60E+02	-2.81E-02	-1.20E+00
9.56E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.18E+00
9.56E+01	-9.30E+01	1.60E+02	-2.08E-02	-1.19E+00
9.56E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.18E+00
9.57E+01	-9.30E+01	1.60E+02	-3.05E-02	-1.19E+00
9.57E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.17E+00
9.57E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.18E+00
9.57E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.17E+00
9.57E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.18E+00
9.58E+01	-9.30E+01	1.60E+02	-8.54E-03	-1.17E+00
9.58E+01	-9.30E+01	1.60E+02	-3.42E-02	-1.17E+00
9.58E+01	-9.30E+01	1.60E+02	-4.15E-02	-1.17E+00
9.58E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.18E+00
9.58E+01	-9.30E+01	1.60E+02	2.08E-02	-1.16E+00
9.59E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.16E+00
9.59E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.17E+00
9.59E+01	-9.30E+01	1.60E+02	-1.22E-03	-1.16E+00
9.59E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.17E+00
9.59E+01	-9.30E+01	1.60E+02	-8.54E-03	-1.16E+00
9.60E+01	-9.30E+01	1.60E+02	-3.78E-02	-1.15E+00
9.60E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.15E+00
9.60E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.15E+00
9.60E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.16E+00
9.60E+01	-9.30E+01	1.60E+02	4.88E-03	-1.15E+00
9.61E+01	-9.30E+01	1.61E+02	-3.30E-02	-1.15E+00
9.61E+01	-9.30E+01	1.60E+02	4.88E-03	-1.15E+00
9.61E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.14E+00
9.61E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.15E+00
9.61E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.14E+00
9.62E+01	-9.30E+01	1.61E+02	-3.54E-02	-1.15E+00
9.62E+01	-9.30E+01	1.60E+02	6.10E-03	-1.14E+00
9.62E+01	-9.30E+01	1.60E+02	-3.05E-02	-1.13E+00
9.62E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.14E+00
9.62E+01	-9.30E+01	1.61E+02	-1.34E-02	-1.12E+00
9.63E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.14E+00
9.63E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.13E+00
9.63E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.13E+00
9.63E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.13E+00
9.63E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.11E+00
9.64E+01	-9.30E+01	1.60E+02	1.46E-02	-1.13E+00
9.64E+01	-9.30E+01	1.60E+02	-6.10E-03	-1.12E+00
9.64E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.12E+00
9.64E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.12E+00
9.64E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.11E+00
9.65E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.13E+00
9.65E+01	-9.30E+01	1.60E+02	-1.59E-02	-1.11E+00

9.65E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.12E+00
9.65E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.10E+00
9.65E+01	-9.30E+01	1.60E+02	-3.17E-02	-1.11E+00
9.66E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.11E+00
9.66E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.10E+00
9.66E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.11E+00
9.66E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.09E+00
9.66E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.11E+00
9.67E+01	-9.30E+01	1.61E+02	-1.22E-03	-1.10E+00
9.67E+01	-9.30E+01	1.60E+02	-3.17E-02	-1.10E+00
9.67E+01	-9.30E+01	1.60E+02	0.00E+00	-1.09E+00
9.67E+01	-9.30E+01	1.60E+02	-5.62E-02	-1.10E+00
9.67E+01	-9.30E+01	1.60E+02	-1.10E-02	-1.09E+00
9.68E+01	-9.30E+01	1.60E+02	-3.91E-02	-1.09E+00
9.68E+01	-9.30E+01	1.60E+02	3.66E-03	-1.09E+00
9.68E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.09E+00
9.68E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.09E+00
9.68E+01	-9.30E+01	1.60E+02	0.00E+00	-1.07E+00
9.69E+01	-9.30E+01	1.60E+02	-3.30E-02	-1.09E+00
9.69E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.08E+00
9.69E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.08E+00
9.69E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.08E+00
9.69E+01	-9.30E+01	1.60E+02	-9.77E-03	-1.07E+00
9.70E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.07E+00
9.70E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.07E+00
9.70E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.07E+00
9.70E+01	-9.30E+01	1.60E+02	-1.83E-02	-1.07E+00
9.70E+01	-9.30E+01	1.60E+02	-1.46E-02	-1.07E+00
9.71E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.07E+00
9.71E+01	-9.30E+01	1.60E+02	-2.44E-03	-1.06E+00
9.71E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.06E+00
9.71E+01	-9.30E+01	1.60E+02	-1.34E-02	-1.06E+00
9.71E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.05E+00
9.72E+01	-9.30E+01	1.60E+02	-1.71E-02	-1.06E+00
9.72E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.06E+00
9.72E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.07E+00
9.72E+01	-9.30E+01	1.61E+02	9.77E-03	-1.05E+00
9.72E+01	-9.30E+01	1.60E+02	-3.78E-02	-1.04E+00
9.73E+01	-9.30E+01	1.60E+02	-2.93E-02	-1.06E+00
9.73E+01	-9.30E+01	1.60E+02	1.22E-03	-1.03E+00
9.73E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.06E+00
9.73E+01	-9.30E+01	1.60E+02	0.00E+00	-1.04E+00
9.73E+01	-9.30E+01	1.60E+02	-3.54E-02	-1.05E+00
9.74E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.03E+00
9.74E+01	-9.30E+01	1.60E+02	-1.95E-02	-1.05E+00
9.74E+01	-9.30E+01	1.60E+02	-1.22E-02	-1.03E+00
9.74E+01	-9.30E+01	1.60E+02	-3.66E-02	-1.03E+00

9.74E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.04E+00
9.75E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.03E+00
9.75E+01	-9.30E+01	1.60E+02	-3.30E-02	-1.05E+00
9.75E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.03E+00
9.75E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.03E+00
9.75E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.03E+00
9.76E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.02E+00
9.76E+01	-9.30E+01	1.60E+02	-2.56E-02	-1.03E+00
9.76E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.01E+00
9.76E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.02E+00
9.76E+01	-9.30E+01	1.60E+02	-1.34E-02	-1.01E+00
9.77E+01	-9.30E+01	1.61E+02	-2.32E-02	-1.01E+00
9.77E+01	-9.30E+01	1.60E+02	-2.20E-02	-1.02E+00
9.77E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.01E+00
9.77E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.01E+00
9.77E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.01E+00
9.78E+01	-9.30E+01	1.61E+02	-4.27E-02	-9.99E-01
9.78E+01	-9.30E+01	1.60E+02	-7.32E-03	-1.00E+00
9.78E+01	-9.30E+01	1.60E+02	-1.59E-02	-9.99E-01
9.78E+01	-9.30E+01	1.61E+02	-2.56E-02	-1.01E+00
9.78E+01	-9.30E+01	1.60E+02	-4.88E-03	-1.00E+00
9.79E+01	-9.30E+01	1.61E+02	-1.71E-02	-9.95E-01
9.79E+01	-9.30E+01	1.60E+02	-7.32E-03	-9.91E-01
9.79E+01	-9.30E+01	1.61E+02	-1.95E-02	-9.82E-01
9.79E+01	-9.30E+01	1.60E+02	-2.20E-02	-9.95E-01
9.79E+01	-9.30E+01	1.61E+02	-1.22E-02	-9.88E-01
9.80E+01	-9.30E+01	1.61E+02	-2.69E-02	-9.92E-01
9.80E+01	-9.30E+01	1.60E+02	-3.66E-03	-9.83E-01
9.80E+01	-9.30E+01	1.61E+02	-3.17E-02	-9.91E-01
9.80E+01	-9.30E+01	1.61E+02	-7.32E-03	-9.80E-01
9.80E+01	-9.30E+01	1.61E+02	-2.56E-02	-9.87E-01
9.81E+01	-9.30E+01	1.60E+02	-9.77E-03	-9.84E-01
9.81E+01	-9.30E+01	1.61E+02	-9.77E-03	-9.74E-01
9.81E+01	-9.30E+01	1.61E+02	-2.93E-02	-9.83E-01
9.81E+01	-9.30E+01	1.60E+02	-1.22E-02	-9.72E-01
9.81E+01	-9.30E+01	1.60E+02	-2.69E-02	-9.78E-01
9.82E+01	-9.30E+01	1.60E+02	-4.88E-03	-9.68E-01
9.82E+01	-9.30E+01	1.61E+02	-2.44E-02	-9.81E-01
9.82E+01	-9.30E+01	1.60E+02	-1.22E-02	-9.70E-01
9.82E+01	-9.30E+01	1.61E+02	-2.69E-02	-9.50E-01
9.82E+01	-9.30E+01	1.60E+02	-1.59E-02	-9.89E-01
9.83E+01	-9.30E+01	1.61E+02	-4.15E-02	-9.54E-01
9.83E+01	-9.30E+01	1.61E+02	-1.71E-02	-9.72E-01
9.83E+01	-9.30E+01	1.60E+02	1.22E-02	-9.61E-01
9.83E+01	-9.30E+01	1.61E+02	-4.27E-02	-9.72E-01
9.83E+01	-9.30E+01	1.60E+02	-7.32E-03	-9.55E-01
9.84E+01	-9.30E+01	1.60E+02	-2.69E-02	-9.50E-01

9.84E+01	-9.30E+01	1.60E+02	-4.88E-03	-9.56E-01
9.84E+01	-9.30E+01	1.61E+02	-1.10E-02	-9.46E-01
9.84E+01	-9.30E+01	1.61E+02	-2.20E-02	-9.64E-01
9.84E+01	-9.30E+01	1.60E+02	6.10E-03	-9.48E-01
9.85E+01	-9.30E+01	1.60E+02	-8.54E-03	-9.36E-01
9.85E+01	-9.30E+01	1.60E+02	-2.44E-02	-9.56E-01
9.85E+01	-9.30E+01	1.61E+02	7.32E-03	-9.43E-01
9.85E+01	-9.30E+01	1.61E+02	-1.59E-02	-9.41E-01
9.85E+01	-9.30E+01	1.60E+02	-1.95E-02	-9.52E-01
9.86E+01	-9.30E+01	1.61E+02	-2.44E-03	-9.32E-01
9.86E+01	-9.30E+01	1.61E+02	-1.95E-02	-9.33E-01
9.86E+01	-9.30E+01	1.61E+02	-1.22E-02	-9.31E-01
9.86E+01	-9.30E+01	1.60E+02	-3.66E-02	-9.39E-01
9.86E+01	-9.30E+01	1.60E+02	-1.22E-02	-9.33E-01
9.87E+01	-9.30E+01	1.61E+02	-2.56E-02	-9.36E-01
9.87E+01	-9.30E+01	1.61E+02	-1.22E-02	-9.31E-01
9.87E+01	-9.30E+01	1.61E+02	-1.95E-02	-9.24E-01
9.87E+01	-9.30E+01	1.61E+02	-4.88E-03	-9.27E-01
9.87E+01	-9.30E+01	1.61E+02	-2.20E-02	-9.21E-01
9.88E+01	-9.30E+01	1.60E+02	-1.22E-02	-9.30E-01
9.88E+01	-9.30E+01	1.61E+02	-1.22E-02	-9.13E-01
9.88E+01	-9.30E+01	1.60E+02	-2.93E-02	-9.29E-01
9.88E+01	-9.30E+01	1.60E+02	-2.44E-03	-9.13E-01
9.88E+01	-9.30E+01	1.60E+02	-2.44E-03	-9.17E-01
9.89E+01	-9.30E+01	1.61E+02	-1.46E-02	-9.14E-01
9.89E+01	-9.30E+01	1.60E+02	-1.71E-02	-9.02E-01
9.89E+01	-9.30E+01	1.60E+02	-1.83E-02	-9.16E-01
9.89E+01	-9.30E+01	1.61E+02	-9.77E-03	-8.91E-01
9.89E+01	-9.30E+01	1.61E+02	-5.37E-02	-9.14E-01
9.90E+01	-9.30E+01	1.61E+02	2.44E-03	-9.06E-01
9.90E+01	-9.30E+01	1.61E+02	-3.66E-02	-8.94E-01
9.90E+01	-9.30E+01	1.60E+02	-2.20E-02	-9.12E-01
9.90E+01	-9.30E+01	1.61E+02	-1.46E-02	-8.92E-01
9.90E+01	-9.30E+01	1.61E+02	-3.78E-02	-9.16E-01
9.91E+01	-9.30E+01	1.61E+02	-7.32E-03	-8.86E-01
9.91E+01	-9.30E+01	1.60E+02	-3.42E-02	-8.97E-01
9.91E+01	-9.30E+01	1.60E+02	-4.88E-03	-8.99E-01
9.91E+01	-9.30E+01	1.61E+02	-4.15E-02	-8.92E-01
9.91E+01	-9.30E+01	1.61E+02	-1.22E-03	-8.85E-01
9.92E+01	-9.30E+01	1.60E+02	-1.95E-02	-8.88E-01
9.92E+01	-9.30E+01	1.60E+02	-1.22E-02	-8.88E-01
9.92E+01	-9.30E+01	1.61E+02	-1.46E-02	-8.80E-01
9.92E+01	-9.30E+01	1.61E+02	-1.46E-02	-8.85E-01
9.92E+01	-9.30E+01	1.61E+02	-3.17E-02	-8.81E-01
9.93E+01	-9.30E+01	1.60E+02	-8.54E-03	-8.86E-01
9.93E+01	-9.30E+01	1.61E+02	-1.71E-02	-8.69E-01
9.93E+01	-9.30E+01	1.60E+02	-1.95E-02	-8.89E-01

9.93E+01	-9.30E+01	1.61E+02	-1.34E-02	-8.70E-01
9.93E+01	-9.30E+01	1.60E+02	-2.69E-02	-8.80E-01
9.94E+01	-9.30E+01	1.60E+02	-4.88E-03	-8.70E-01
9.94E+01	-9.30E+01	1.60E+02	-5.13E-02	-8.76E-01
9.94E+01	-9.30E+01	1.60E+02	-1.22E-03	-8.55E-01
9.94E+01	-9.30E+01	1.60E+02	-2.44E-03	-8.73E-01
9.94E+01	-9.30E+01	1.60E+02	0.00E+00	-8.45E-01
9.95E+01	-9.30E+01	1.61E+02	-1.71E-02	-8.59E-01
9.95E+01	-9.30E+01	1.60E+02	-4.88E-03	-8.71E-01
9.95E+01	-9.30E+01	1.60E+02	-4.03E-02	-8.62E-01
9.95E+01	-9.30E+01	1.60E+02	-1.71E-02	-8.69E-01
9.95E+01	-9.30E+01	1.60E+02	-7.32E-03	-8.53E-01
9.96E+01	-9.30E+01	1.60E+02	-3.17E-02	-8.68E-01
9.96E+01	-9.30E+01	1.60E+02	0.00E+00	-8.46E-01
9.96E+01	-9.30E+01	1.60E+02	-9.77E-03	-8.52E-01
9.96E+01	-9.30E+01	1.60E+02	4.88E-03	-8.49E-01
9.96E+01	-9.30E+01	1.60E+02	-3.42E-02	-8.47E-01
9.97E+01	-9.30E+01	1.60E+02	-8.54E-03	-8.53E-01
9.97E+01	-9.30E+01	1.60E+02	-2.32E-02	-8.42E-01
9.97E+01	-9.30E+01	1.60E+02	-1.71E-02	-8.50E-01
9.97E+01	-9.30E+01	1.60E+02	-6.10E-03	-8.36E-01
9.97E+01	-9.30E+01	1.60E+02	-2.44E-02	-8.45E-01
9.98E+01	-9.30E+01	1.60E+02	-1.46E-02	-8.34E-01
9.98E+01	-9.30E+01	1.60E+02	-9.77E-03	-8.42E-01
9.98E+01	-9.30E+01	1.60E+02	-1.95E-02	-8.32E-01
9.98E+01	-9.30E+01	1.60E+02	-1.71E-02	-8.37E-01
9.98E+01	-9.30E+01	1.60E+02	-2.69E-02	-8.33E-01
9.99E+01	-9.30E+01	1.60E+02	-1.46E-02	-8.46E-01
9.99E+01	-9.30E+01	1.60E+02	-4.15E-02	-8.26E-01
9.99E+01	-9.30E+01	1.60E+02	-2.44E-02	-8.47E-01
9.99E+01	-9.30E+01	1.60E+02	2.44E-03	-8.13E-01
9.99E+01	-9.30E+01	1.60E+02	-4.88E-02	-8.26E-01
1.00E+02	-9.30E+01	1.60E+02	-7.32E-03	-8.13E-01
1.00E+02	-9.30E+01	1.60E+02	-1.59E-02	-8.10E-01
1.00E+02	-9.30E+01	1.60E+02	-2.69E-02	-8.21E-01
1.00E+02	-9.30E+01	1.60E+02	-2.20E-02	-8.16E-01
1.00E+02	-9.30E+01	1.60E+02	-2.08E-02	-8.18E-01
1.00E+02	-9.30E+01	1.60E+02	-1.22E-03	-8.08E-01
1.00E+02	-9.30E+01	1.60E+02	-1.34E-02	-8.27E-01
1.00E+02	-9.30E+01	1.60E+02	-1.10E-02	-8.01E-01
1.00E+02	-9.30E+01	1.60E+02	-2.69E-02	-8.12E-01
1.00E+02	-9.30E+01	1.60E+02	-9.77E-03	-8.19E-01
1.00E+02	-9.30E+01	1.60E+02	-2.69E-02	-8.07E-01
1.00E+02	-9.30E+01	1.60E+02	-2.56E-02	-8.16E-01
1.00E+02	-9.30E+01	1.60E+02	-1.71E-02	-7.97E-01
1.00E+02	-9.30E+01	1.60E+02	-3.05E-02	-8.10E-01
1.00E+02	-9.30E+01	1.60E+02	-7.32E-03	-7.97E-01

1.00E+02	-9.30E+01	1.60E+02	-3.54E-02	-8.00E-01
1.00E+02	-9.30E+01	1.60E+02	3.66E-03	-7.95E-01
1.00E+02	-9.30E+01	1.60E+02	-2.69E-02	-7.92E-01
1.00E+02	-9.30E+01	1.60E+02	-1.46E-02	-7.96E-01
1.00E+02	-9.30E+01	1.60E+02	-1.46E-02	-7.86E-01
1.00E+02	-9.30E+01	1.59E+02	-2.20E-02	-7.93E-01
1.00E+02	-9.30E+01	1.60E+02	-2.44E-03	-7.85E-01
1.00E+02	-9.30E+01	1.60E+02	-3.66E-02	-7.85E-01
1.00E+02	-9.30E+01	1.59E+02	1.71E-02	-7.86E-01
1.00E+02	-9.30E+01	1.60E+02	-1.59E-02	-7.81E-01
1.00E+02	-9.30E+01	1.60E+02	-5.13E-02	-7.90E-01
1.00E+02	-9.30E+01	1.60E+02	1.46E-02	-7.54E-01
1.01E+02	-9.30E+01	1.59E+02	-2.20E-02	-7.68E-01
1.01E+02	-9.30E+01	1.60E+02	-3.17E-02	-7.71E-01
1.01E+02	-9.30E+01	1.59E+02	-4.39E-02	-7.83E-01
1.01E+02	-9.30E+01	1.59E+02	-2.93E-02	-7.72E-01
1.01E+02	-9.30E+01	1.60E+02	-7.32E-03	-7.81E-01
1.01E+02	-9.30E+01	1.59E+02	-8.54E-03	-7.64E-01
1.01E+02	-9.30E+01	1.59E+02	-3.42E-02	-7.68E-01
1.01E+02	-9.30E+01	1.59E+02	4.88E-03	-7.64E-01
1.01E+02	-9.30E+01	1.60E+02	-3.66E-02	-7.62E-01
1.01E+02	-9.30E+01	1.59E+02	-2.44E-03	-7.71E-01
1.01E+02	-9.30E+01	1.59E+02	-4.88E-03	-7.51E-01
1.01E+02	-9.30E+01	1.59E+02	-2.69E-02	-7.62E-01
1.01E+02	-9.30E+01	1.59E+02	-1.22E-02	-7.46E-01
1.01E+02	-9.30E+01	1.59E+02	-3.42E-02	-7.54E-01
1.01E+02	-9.30E+01	1.59E+02	7.32E-03	-7.52E-01
1.01E+02	-9.30E+01	1.59E+02	-2.69E-02	-7.51E-01
1.01E+02	-9.30E+01	1.59E+02	-7.32E-03	-7.54E-01
1.01E+02	-9.30E+01	1.59E+02	-1.71E-02	-7.44E-01
1.01E+02	-9.30E+01	1.59E+02	-2.81E-02	-7.56E-01
1.01E+02	-9.30E+01	1.59E+02	0.00E+00	-7.41E-01
1.01E+02	-9.30E+01	1.59E+02	-2.44E-02	-7.43E-01
1.01E+02	-9.30E+01	1.59E+02	-2.08E-02	-7.48E-01
1.01E+02	-9.30E+01	1.59E+02	-4.88E-03	-7.33E-01
1.01E+02	-9.30E+01	1.59E+02	-2.44E-02	-7.42E-01
1.01E+02	-9.30E+01	1.59E+02	-1.22E-02	-7.35E-01
1.01E+02	-9.30E+01	1.59E+02	-2.44E-02	-7.35E-01
1.01E+02	-9.30E+01	1.59E+02	-9.77E-03	-7.36E-01
1.01E+02	-9.30E+01	1.59E+02	-1.83E-02	-7.27E-01
1.01E+02	-9.30E+01	1.59E+02	-4.03E-02	-7.37E-01
1.01E+02	-9.30E+01	1.59E+02	-8.54E-03	-7.09E-01
1.01E+02	-9.30E+01	1.59E+02	-4.15E-02	-7.30E-01
1.01E+02	-9.30E+01	1.59E+02	9.77E-03	-7.14E-01
1.01E+02	-9.30E+01	1.59E+02	-2.20E-02	-7.27E-01
1.01E+02	-9.30E+01	1.59E+02	-1.22E-02	-7.26E-01
1.01E+02	-9.30E+01	1.59E+02	-4.64E-02	-7.33E-01

1.01E+02	-9.30E+01	1.58E+02	-7.32E-03	-7.18E-01
1.01E+02	-9.30E+01	1.59E+02	-4.39E-02	-7.16E-01
1.01E+02	-9.30E+01	1.59E+02	-3.05E-02	-7.33E-01
1.01E+02	-9.30E+01	1.59E+02	4.88E-03	-7.03E-01
1.01E+02	-9.30E+01	1.59E+02	-4.64E-02	-7.10E-01
1.01E+02	-9.30E+01	1.59E+02	1.10E-02	-7.09E-01
1.01E+02	-9.30E+01	1.59E+02	-3.17E-02	-7.04E-01
1.01E+02	-9.30E+01	1.58E+02	-1.22E-02	-7.03E-01
1.01E+02	-9.30E+01	1.59E+02	-2.44E-02	-6.98E-01
1.01E+02	-9.30E+01	1.59E+02	-3.42E-02	-7.07E-01
1.01E+02	-9.30E+01	1.59E+02	7.32E-03	-6.94E-01
1.01E+02	-9.30E+01	1.59E+02	-3.17E-02	-6.98E-01
1.01E+02	-9.30E+01	1.58E+02	-7.32E-03	-7.01E-01
1.01E+02	-9.30E+01	1.59E+02	-1.46E-02	-6.94E-01
1.01E+02	-9.30E+01	1.59E+02	-1.95E-02	-7.03E-01
1.02E+02	-9.30E+01	1.59E+02	-1.22E-02	-6.86E-01
1.02E+02	-9.30E+01	1.58E+02	-3.66E-02	-6.98E-01
1.02E+02	-9.30E+01	1.59E+02	4.88E-03	-6.91E-01
1.02E+02	-9.30E+01	1.59E+02	-2.93E-02	-6.87E-01
1.02E+02	-9.30E+01	1.58E+02	-1.95E-02	-6.96E-01
1.02E+02	-9.30E+01	1.58E+02	-1.10E-02	-6.76E-01
1.02E+02	-9.30E+01	1.58E+02	-2.32E-02	-6.91E-01
1.02E+02	-9.30E+01	1.59E+02	-6.10E-03	-6.76E-01
1.02E+02	-9.30E+01	1.59E+02	-3.17E-02	-6.83E-01
1.02E+02	-9.30E+01	1.58E+02	0.00E+00	-6.78E-01
1.02E+02	-9.30E+01	1.59E+02	-3.17E-02	-6.79E-01
1.02E+02	-9.30E+01	1.59E+02	-1.95E-02	-6.82E-01
1.02E+02	-9.30E+01	1.58E+02	-2.08E-02	-6.73E-01
1.02E+02	-9.30E+01	1.58E+02	-1.46E-02	-6.76E-01
1.02E+02	-9.30E+01	1.58E+02	-1.46E-02	-6.68E-01
1.02E+02	-9.30E+01	1.58E+02	-2.69E-02	-6.77E-01
1.02E+02	-9.30E+01	1.59E+02	-1.22E-02	-6.63E-01
1.02E+02	-9.30E+01	1.58E+02	-2.56E-02	-6.72E-01
1.02E+02	-9.30E+01	1.58E+02	-8.54E-03	-6.58E-01
1.02E+02	-9.30E+01	1.58E+02	-2.69E-02	-6.74E-01
1.02E+02	-9.30E+01	1.58E+02	-4.88E-03	-6.66E-01
1.02E+02	-9.30E+01	1.59E+02	-1.95E-02	-6.59E-01
1.02E+02	-9.30E+01	1.58E+02	-3.91E-02	-6.77E-01
1.02E+02	-9.30E+01	1.57E+02	2.44E-03	-6.44E-01
1.02E+02	-9.30E+01	1.58E+02	-5.49E-02	-6.61E-01
1.02E+02	-9.30E+01	1.58E+02	1.46E-02	-6.32E-01
1.02E+02	-9.30E+01	1.59E+02	-2.44E-02	-6.42E-01
1.02E+02	-9.30E+01	1.58E+02	0.00E+00	-6.43E-01
1.02E+02	-9.30E+01	1.58E+02	-2.32E-02	-6.57E-01
1.02E+02	-9.30E+01	1.58E+02	-3.66E-03	-6.56E-01
1.02E+02	-9.30E+01	1.58E+02	-1.46E-02	-6.32E-01
1.02E+02	-9.30E+01	1.58E+02	-1.83E-02	-6.52E-01

1.02E+02	-9.30E+01	1.58E+02	-4.88E-03	-6.27E-01
1.02E+02	-9.30E+01	1.58E+02	-3.42E-02	-6.42E-01
1.02E+02	-9.30E+01	1.58E+02	-1.59E-02	-6.39E-01
1.02E+02	-9.30E+01	1.58E+02	-3.05E-02	-6.35E-01
1.02E+02	-9.30E+01	1.58E+02	-1.83E-02	-6.42E-01
1.02E+02	-9.30E+01	1.58E+02	-2.44E-03	-6.25E-01
1.02E+02	-9.30E+01	1.57E+02	-1.46E-02	-6.31E-01
1.02E+02	-9.30E+01	1.58E+02	1.10E-02	-6.20E-01
1.02E+02	-9.30E+01	1.58E+02	-2.32E-02	-6.36E-01
1.02E+02	-9.30E+01	1.58E+02	0.00E+00	-6.26E-01
1.02E+02	-9.30E+01	1.58E+02	-3.91E-02	-6.26E-01
1.02E+02	-9.30E+01	1.58E+02	-4.88E-03	-6.22E-01
1.02E+02	-9.30E+01	1.58E+02	-1.71E-02	-6.23E-01
1.02E+02	-9.30E+01	1.58E+02	-1.46E-02	-6.18E-01
1.02E+02	-9.30E+01	1.57E+02	-2.20E-02	-6.16E-01
1.02E+02	-9.30E+01	1.57E+02	-1.95E-02	-6.19E-01
1.02E+02	-9.30E+01	1.58E+02	-1.10E-02	-6.06E-01
1.02E+02	-9.30E+01	1.58E+02	-3.05E-02	-6.14E-01
1.03E+02	-9.30E+01	1.57E+02	-9.77E-03	-6.07E-01
1.03E+02	-9.30E+01	1.57E+02	-2.69E-02	-6.10E-01
1.03E+02	-9.30E+01	1.58E+02	-1.34E-02	-6.10E-01
1.03E+02	-9.30E+01	1.58E+02	-2.20E-02	-6.01E-01
1.03E+02	-9.30E+01	1.57E+02	-4.88E-03	-6.05E-01
1.03E+02	-9.30E+01	1.57E+02	-1.95E-02	-5.96E-01
1.03E+02	-9.30E+01	1.57E+02	-1.71E-02	-6.07E-01
1.03E+02	-9.30E+01	1.57E+02	-9.77E-03	-5.87E-01
1.03E+02	-9.30E+01	1.57E+02	-2.69E-02	-6.00E-01
1.03E+02	-9.30E+01	1.57E+02	-6.10E-03	-5.96E-01
1.03E+02	-9.30E+01	1.57E+02	-1.95E-02	-5.88E-01
1.03E+02	-9.30E+01	1.58E+02	-2.56E-02	-6.03E-01
1.03E+02	-9.30E+01	1.57E+02	-2.44E-02	-5.85E-01
1.03E+02	-9.30E+01	1.56E+02	-4.39E-02	-6.01E-01
1.03E+02	-9.30E+01	1.57E+02	-7.32E-03	-5.80E-01
1.03E+02	-9.30E+01	1.57E+02	-1.46E-02	-5.80E-01
1.03E+02	-9.30E+01	1.57E+02	1.71E-02	-5.83E-01
1.03E+02	-9.30E+01	1.57E+02	-7.32E-03	-5.68E-01
1.03E+02	-9.30E+01	1.56E+02	1.22E-02	-5.81E-01
1.03E+02	-9.30E+01	1.57E+02	-9.77E-03	-5.59E-01
1.03E+02	-9.30E+01	1.57E+02	-2.44E-02	-5.83E-01
1.03E+02	-9.30E+01	1.56E+02	-4.88E-03	-5.74E-01
1.03E+02	-9.30E+01	1.56E+02	-2.69E-02	-5.74E-01
1.03E+02	-9.30E+01	1.57E+02	-1.71E-02	-5.78E-01
1.03E+02	-9.30E+01	1.57E+02	-1.71E-02	-5.66E-01
1.03E+02	-9.30E+01	1.56E+02	-2.93E-02	-5.75E-01
1.03E+02	-9.30E+01	1.56E+02	-2.44E-03	-5.65E-01
1.03E+02	-9.30E+01	1.56E+02	-3.17E-02	-5.71E-01
1.03E+02	-9.30E+01	1.56E+02	-1.95E-02	-5.73E-01

1.03E+02	-9.30E+01	1.57E+02	-1.71E-02	-5.51E-01
1.03E+02	-9.30E+01	1.56E+02	-2.93E-02	-5.65E-01
1.03E+02	-9.30E+01	1.56E+02	-4.88E-03	-5.50E-01
1.03E+02	-9.30E+01	1.56E+02	-2.56E-02	-5.61E-01
1.03E+02	-9.30E+01	1.56E+02	0.00E+00	-5.46E-01
1.03E+02	-9.30E+01	1.56E+02	-2.69E-02	-5.44E-01
1.03E+02	-9.30E+01	1.56E+02	2.44E-03	-5.55E-01
1.03E+02	-9.30E+01	1.56E+02	-2.44E-02	-5.48E-01
1.03E+02	-9.30E+01	1.56E+02	-2.32E-02	-5.60E-01
1.03E+02	-9.30E+01	1.56E+02	-1.83E-02	-5.42E-01
1.03E+02	-9.30E+01	1.56E+02	-3.66E-02	-5.56E-01
1.03E+02	-9.30E+01	1.56E+02	-3.66E-03	-5.36E-01
1.03E+02	-9.30E+01	1.56E+02	-2.93E-02	-5.41E-01
1.03E+02	-9.30E+01	1.56E+02	7.32E-03	-5.39E-01
1.03E+02	-9.30E+01	1.56E+02	-3.05E-02	-5.34E-01
1.03E+02	-9.30E+01	1.56E+02	-1.46E-02	-5.40E-01
1.03E+02	-9.30E+01	1.56E+02	-2.20E-02	-5.31E-01
1.03E+02	-9.30E+01	1.55E+02	-1.59E-02	-5.35E-01
1.03E+02	-9.30E+01	1.56E+02	-1.34E-02	-5.30E-01
1.03E+02	-9.30E+01	1.56E+02	-2.20E-02	-5.33E-01
1.03E+02	-9.30E+01	1.56E+02	0.00E+00	-5.23E-01
1.04E+02	-9.30E+01	1.56E+02	-2.32E-02	-5.31E-01
1.04E+02	-9.30E+01	1.55E+02	-1.46E-02	-5.26E-01
1.04E+02	-9.30E+01	1.56E+02	-2.32E-02	-5.22E-01
1.04E+02	-9.30E+01	1.56E+02	-2.44E-02	-5.28E-01
1.04E+02	-9.30E+01	1.56E+02	-4.88E-03	-5.16E-01
1.04E+02	-9.30E+01	1.55E+02	-2.69E-02	-5.22E-01
1.04E+02	-9.30E+01	1.55E+02	-2.44E-03	-5.13E-01
1.04E+02	-9.30E+01	1.56E+02	-2.81E-02	-5.18E-01
1.04E+02	-9.30E+01	1.55E+02	-1.71E-02	-5.03E-01
1.04E+02	-9.30E+01	1.55E+02	1.71E-02	-5.10E-01
1.04E+02	-9.30E+01	1.55E+02	-2.69E-02	-5.22E-01
1.04E+02	-9.30E+01	1.55E+02	-6.10E-03	-5.15E-01
1.04E+02	-9.30E+01	1.56E+02	-1.22E-02	-5.12E-01
1.04E+02	-9.30E+01	1.55E+02	-3.91E-02	-5.21E-01
1.04E+02	-9.30E+01	1.55E+02	-1.46E-02	-4.96E-01
1.04E+02	-9.30E+01	1.55E+02	7.32E-03	-4.96E-01
1.04E+02	-9.30E+01	1.55E+02	-1.71E-02	-4.75E-01
1.04E+02	-9.30E+01	1.55E+02	-4.39E-02	-4.96E-01
1.04E+02	-9.30E+01	1.55E+02	1.71E-02	-4.94E-01
1.04E+02	-9.30E+01	1.55E+02	-1.22E-02	-4.96E-01
1.04E+02	-9.30E+01	1.54E+02	1.46E-02	-4.91E-01
1.04E+02	-9.30E+01	1.55E+02	-1.46E-02	-4.95E-01
1.04E+02	-9.30E+01	1.54E+02	-1.22E-02	-5.02E-01
1.04E+02	-9.30E+01	1.55E+02	-1.22E-02	-4.83E-01
1.04E+02	-9.30E+01	1.55E+02	-2.20E-02	-4.94E-01
1.04E+02	-9.30E+01	1.55E+02	-2.44E-03	-4.71E-01

1.04E+02	-9.30E+01	1.55E+02	-2.69E-02	-4.86E-01
1.04E+02	-9.30E+01	1.54E+02	-1.22E-02	-4.80E-01
1.04E+02	-9.30E+01	1.55E+02	-1.95E-02	-4.79E-01
1.04E+02	-9.30E+01	1.54E+02	-2.44E-03	-4.74E-01
1.04E+02	-9.30E+01	1.54E+02	-3.54E-02	-4.73E-01
1.04E+02	-9.30E+01	1.54E+02	2.44E-03	-4.80E-01
1.04E+02	-9.30E+01	1.54E+02	-9.77E-03	-4.68E-01
1.04E+02	-9.30E+01	1.54E+02	-1.83E-02	-4.80E-01
1.04E+02	-9.30E+01	1.54E+02	-4.88E-03	-4.58E-01
1.04E+02	-9.30E+01	1.54E+02	-1.83E-02	-4.73E-01
1.04E+02	-9.30E+01	1.54E+02	-4.88E-03	-4.67E-01
1.04E+02	-9.30E+01	1.54E+02	-3.05E-02	-4.62E-01
1.04E+02	-9.30E+01	1.53E+02	-1.22E-02	-4.70E-01
1.04E+02	-9.30E+01	1.54E+02	-1.46E-02	-4.54E-01
1.04E+02	-9.30E+01	1.54E+02	-2.20E-02	-4.68E-01
1.04E+02	-9.30E+01	1.54E+02	-2.44E-03	-4.53E-01
1.04E+02	-9.30E+01	1.53E+02	-2.81E-02	-4.59E-01
1.04E+02	-9.30E+01	1.53E+02	0.00E+00	-4.54E-01
1.04E+02	-9.30E+01	1.54E+02	-2.69E-02	-4.49E-01
1.04E+02	-9.30E+01	1.54E+02	-1.59E-02	-4.58E-01
1.04E+02	-9.30E+01	1.53E+02	-1.10E-02	-4.43E-01
1.04E+02	-9.30E+01	1.53E+02	-2.93E-02	-4.56E-01
1.04E+02	-9.30E+01	1.53E+02	-7.32E-03	-4.47E-01
1.04E+02	-9.30E+01	1.54E+02	-3.30E-02	-4.41E-01
1.05E+02	-9.30E+01	1.53E+02	-1.71E-02	-4.49E-01
1.05E+02	-9.30E+01	1.52E+02	-2.44E-02	-4.35E-01
1.05E+02	-9.30E+01	1.52E+02	-2.44E-02	-4.54E-01
1.05E+02	-9.30E+01	1.53E+02	-2.32E-02	-4.33E-01
1.05E+02	-9.30E+01	1.53E+02	-9.77E-03	-4.49E-01
1.05E+02	-9.30E+01	1.53E+02	3.66E-03	-4.26E-01
1.05E+02	-9.30E+01	1.52E+02	-4.15E-02	-4.35E-01
1.05E+02	-9.30E+01	1.53E+02	-2.44E-03	-4.29E-01
1.05E+02	-9.30E+01	1.52E+02	1.22E-03	-4.29E-01
1.05E+02	-9.30E+01	1.52E+02	-5.13E-02	-4.43E-01
1.05E+02	-9.30E+01	1.52E+02	-2.32E-02	-4.11E-01
1.05E+02	-9.30E+01	1.52E+02	-7.32E-03	-4.23E-01
1.05E+02	-9.30E+01	1.52E+02	-1.59E-02	-4.24E-01
1.05E+02	-9.30E+01	1.52E+02	7.32E-03	-4.26E-01
1.05E+02	-9.30E+01	1.52E+02	-1.71E-02	-4.19E-01
1.05E+02	-9.30E+01	1.52E+02	-2.44E-03	-4.21E-01
1.05E+02	-9.30E+01	1.52E+02	-1.22E-02	-4.18E-01
1.05E+02	-9.30E+01	1.52E+02	-2.56E-02	-4.13E-01
1.05E+02	-9.30E+01	1.51E+02	-4.88E-03	-4.09E-01
1.05E+02	-9.30E+01	1.51E+02	-2.69E-02	-4.14E-01
1.05E+02	-9.30E+01	1.51E+02	-1.46E-02	-3.98E-01
1.05E+02	-9.30E+01	1.51E+02	-2.69E-02	-4.11E-01
1.05E+02	-9.30E+01	1.51E+02	-4.88E-03	-3.94E-01

1.05E+02	-9.30E+01	1.51E+02	-2.44E-02	-4.10E-01
1.05E+02	-9.30E+01	1.51E+02	-1.71E-02	-4.01E-01
1.05E+02	-9.30E+01	1.51E+02	-3.42E-02	-3.94E-01
1.05E+02	-9.30E+01	1.51E+02	-2.56E-02	-4.01E-01
1.05E+02	-9.30E+01	1.51E+02	0.00E+00	-3.87E-01
1.05E+02	-9.30E+01	1.51E+02	-9.77E-03	-4.04E-01
1.05E+02	-9.30E+01	1.51E+02	-1.22E-02	-3.92E-01
1.05E+02	-9.30E+01	1.50E+02	-3.42E-02	-3.98E-01
1.05E+02	-9.30E+01	1.50E+02	-2.44E-03	-3.81E-01
1.05E+02	-9.30E+01	1.50E+02	-2.93E-02	-3.91E-01
1.05E+02	-9.30E+01	1.50E+02	-9.77E-03	-3.84E-01
1.05E+02	-9.30E+01	1.50E+02	-1.95E-02	-3.87E-01
1.05E+02	-9.30E+01	1.50E+02	-3.66E-03	-3.81E-01
1.05E+02	-9.30E+01	1.50E+02	-1.95E-02	-3.81E-01
1.05E+02	-9.30E+01	1.50E+02	-1.22E-02	-3.86E-01
1.05E+02	-9.30E+01	1.50E+02	-1.83E-02	-3.75E-01
1.05E+02	-9.30E+01	1.49E+02	-1.83E-02	-3.87E-01
1.05E+02	-9.30E+01	1.49E+02	-1.34E-02	-3.68E-01
1.05E+02	-9.30E+01	1.49E+02	-2.20E-02	-3.80E-01
1.05E+02	-9.30E+01	1.50E+02	-2.44E-03	-3.65E-01
1.05E+02	-9.30E+01	1.49E+02	-3.17E-02	-3.74E-01
1.05E+02	-9.30E+01	1.49E+02	2.44E-03	-3.65E-01
1.05E+02	-9.30E+01	1.49E+02	-2.81E-02	-3.70E-01
1.05E+02	-9.30E+01	1.49E+02	-9.77E-03	-3.66E-01
1.05E+02	-9.30E+01	1.50E+02	-1.71E-02	-3.60E-01
1.05E+02	-9.30E+01	1.48E+02	-1.71E-02	-3.64E-01
1.05E+02	-9.30E+01	1.47E+02	-1.46E-02	-3.57E-01
1.06E+02	-9.30E+01	1.47E+02	-2.81E-02	-3.62E-01
1.06E+02	-9.30E+01	1.48E+02	-9.77E-03	-3.51E-01
1.06E+02	-9.30E+01	1.49E+02	-2.69E-02	-3.62E-01
1.06E+02	-9.30E+01	1.48E+02	-1.46E-02	-3.45E-01
1.06E+02	-9.30E+01	1.48E+02	-1.83E-02	-3.61E-01
1.06E+02	-9.30E+01	1.49E+02	-7.32E-03	-3.44E-01
1.06E+02	-9.30E+01	1.49E+02	-3.17E-02	-3.52E-01
1.06E+02	-9.30E+01	1.48E+02	1.22E-03	-3.46E-01
1.06E+02	-9.30E+01	1.47E+02	-2.93E-02	-3.41E-01
1.06E+02	-9.30E+01	1.47E+02	-1.71E-02	-3.50E-01
1.06E+02	-9.30E+01	1.48E+02	2.44E-03	-3.34E-01
1.06E+02	-9.30E+01	1.48E+02	-2.93E-02	-3.59E-01
1.06E+02	-9.30E+01	1.48E+02	8.54E-03	-3.36E-01
1.06E+02	-9.30E+01	1.48E+02	-7.32E-03	-3.22E-01
1.06E+02	-9.30E+01	1.47E+02	-2.44E-03	-3.36E-01
1.06E+02	-9.30E+01	1.48E+02	-3.42E-02	-3.34E-01
1.06E+02	-9.30E+01	1.47E+02	-4.52E-02	-3.43E-01
1.06E+02	-9.30E+01	1.47E+02	-9.77E-03	-3.34E-01
1.06E+02	-9.30E+01	1.47E+02	-8.54E-03	-3.43E-01
1.06E+02	-9.30E+01	1.47E+02	7.32E-03	-3.00E-01

1.06E+02	-9.30E+01	1.47E+02	-9.77E-03	-3.42E-01
1.06E+02	-9.30E+01	1.47E+02	-4.27E-02	-3.31E-01
1.06E+02	-9.30E+01	1.46E+02	-1.83E-02	-3.30E-01
1.06E+02	-9.30E+01	1.47E+02	-1.59E-02	-3.12E-01
1.06E+02	-9.30E+01	1.47E+02	-3.05E-02	-3.18E-01
1.06E+02	-9.30E+01	1.47E+02	-2.08E-02	-3.08E-01
1.06E+02	-9.30E+01	1.47E+02	-5.86E-02	-3.09E-01
1.06E+02	-9.30E+01	1.47E+02	3.66E-02	-3.11E-01
1.06E+02	-9.30E+01	1.47E+02	-1.95E-02	-3.19E-01
1.06E+02	-9.30E+01	1.46E+02	-1.46E-02	-3.13E-01
1.06E+02	-9.30E+01	1.47E+02	-1.46E-02	-3.17E-01
1.06E+02	-9.30E+01	1.46E+02	-1.95E-02	-3.04E-01
1.06E+02	-9.30E+01	1.47E+02	-2.44E-02	-3.07E-01
1.06E+02	-9.30E+01	1.46E+02	-2.44E-02	-3.11E-01
1.06E+02	-9.30E+01	1.46E+02	-1.59E-02	-3.02E-01
1.06E+02	-9.30E+01	1.46E+02	-2.69E-02	-3.14E-01
1.06E+02	-9.30E+01	1.46E+02	0.00E+00	-2.89E-01
1.06E+02	-9.30E+01	1.46E+02	-3.42E-02	-3.00E-01
1.06E+02	-9.30E+01	1.46E+02	-4.88E-03	-2.97E-01
1.06E+02	-9.30E+01	1.46E+02	-3.54E-02	-2.95E-01
1.06E+02	-9.30E+01	1.46E+02	-9.77E-03	-3.02E-01
1.06E+02	-9.30E+01	1.46E+02	-2.20E-02	-2.80E-01
1.06E+02	-9.30E+01	1.46E+02	-1.22E-02	-2.93E-01
1.06E+02	-9.30E+01	1.46E+02	-1.71E-02	-2.79E-01
1.06E+02	-9.30E+01	1.46E+02	-3.66E-02	-2.86E-01
1.06E+02	-9.30E+01	1.46E+02	-1.46E-02	-2.80E-01
1.06E+02	-9.30E+01	1.46E+02	-3.17E-02	-2.77E-01
1.06E+02	-9.30E+01	1.46E+02	0.00E+00	-2.75E-01
1.06E+02	-9.30E+01	1.46E+02	-2.20E-02	-2.80E-01
1.06E+02	-9.30E+01	1.45E+02	-1.10E-02	-2.79E-01
1.07E+02	-9.30E+01	1.46E+02	-2.20E-02	-2.75E-01
1.07E+02	-9.30E+01	1.46E+02	-1.71E-02	-2.75E-01
1.07E+02	-9.30E+01	1.46E+02	-2.93E-02	-2.71E-01
1.07E+02	-9.30E+01	1.45E+02	-2.20E-02	-2.79E-01
1.07E+02	-9.30E+01	1.46E+02	-9.77E-03	-2.64E-01
1.07E+02	-9.30E+01	1.46E+02	-2.93E-02	-2.73E-01
1.07E+02	-9.30E+01	1.46E+02	-6.10E-03	-2.61E-01
1.07E+02	-9.30E+01	1.45E+02	-4.39E-02	-2.69E-01
1.07E+02	-9.30E+01	1.45E+02	2.44E-03	-2.52E-01
1.07E+02	-9.30E+01	1.45E+02	-3.30E-02	-2.64E-01
1.07E+02	-9.30E+01	1.46E+02	-1.34E-02	-2.58E-01
1.07E+02	-9.30E+01	1.45E+02	-1.71E-02	-2.52E-01
1.07E+02	-9.30E+01	1.45E+02	-1.71E-02	-2.54E-01
1.07E+02	-9.30E+01	1.46E+02	-1.10E-02	-2.48E-01
1.07E+02	-9.30E+01	1.46E+02	-1.95E-02	-2.52E-01
1.07E+02	-9.30E+01	1.45E+02	-7.32E-03	-2.45E-01
1.07E+02	-9.30E+01	1.45E+02	-3.42E-02	-2.56E-01

1.07E+02	-9.30E+01	1.45E+02	-4.88E-03	-2.40E-01
1.07E+02	-9.30E+01	1.46E+02	-2.08E-02	-2.50E-01
1.07E+02	-9.30E+01	1.45E+02	-7.32E-03	-2.38E-01
1.07E+02	-9.30E+01	1.45E+02	-2.56E-02	-2.44E-01
1.07E+02	-9.30E+01	1.45E+02	-1.46E-02	-2.41E-01
1.07E+02	-9.30E+01	1.46E+02	-1.10E-02	-2.31E-01
1.07E+02	-9.30E+01	1.45E+02	-1.95E-02	-2.40E-01
1.07E+02	-9.30E+01	1.45E+02	-7.32E-03	-2.29E-01
1.07E+02	-9.30E+01	1.46E+02	-3.42E-02	-2.43E-01
1.07E+02	-9.30E+01	1.45E+02	-9.77E-03	-2.30E-01
1.07E+02	-9.30E+01	1.45E+02	-1.22E-02	-2.26E-01
1.07E+02	-9.30E+01	1.45E+02	-3.30E-02	-2.34E-01
1.07E+02	-9.30E+01	1.46E+02	-6.10E-03	-2.24E-01
1.07E+02	-9.30E+01	1.46E+02	-2.69E-02	-2.30E-01
1.07E+02	-9.30E+01	1.45E+02	-1.22E-02	-2.21E-01
1.07E+02	-9.30E+01	1.45E+02	-1.83E-02	-2.15E-01
1.07E+02	-9.30E+01	1.45E+02	-3.17E-02	-2.24E-01
1.07E+02	-9.30E+01	1.45E+02	4.88E-03	-2.18E-01
1.07E+02	-9.30E+01	1.46E+02	-3.17E-02	-2.17E-01
1.07E+02	-9.30E+01	1.45E+02	-8.54E-03	-2.15E-01
1.07E+02	-9.30E+01	1.45E+02	-1.95E-02	-2.14E-01
1.07E+02	-9.30E+01	1.45E+02	-1.95E-02	-2.12E-01
1.07E+02	-9.30E+01	1.46E+02	-1.22E-02	-2.06E-01
1.07E+02	-9.30E+01	1.45E+02	-2.20E-02	-2.11E-01
1.07E+02	-9.30E+01	1.45E+02	-9.77E-03	-2.01E-01
1.07E+02	-9.30E+01	1.46E+02	-2.81E-02	-2.10E-01
1.07E+02	-9.30E+01	1.46E+02	-8.54E-03	-1.96E-01
1.07E+02	-9.30E+01	1.46E+02	-2.69E-02	-2.05E-01
1.07E+02	-9.30E+01	1.45E+02	-2.20E-02	-2.04E-01
1.07E+02	-9.30E+01	1.45E+02	-1.10E-02	-1.94E-01
1.07E+02	-9.30E+01	1.46E+02	-2.93E-02	-1.99E-01
1.07E+02	-9.30E+01	1.46E+02	-6.10E-03	-1.93E-01
1.07E+02	-9.30E+01	1.46E+02	-2.08E-02	-1.97E-01
1.08E+02	-9.30E+01	1.46E+02	-6.10E-03	-1.76E-01
1.08E+02	-9.30E+01	1.46E+02	-4.03E-02	-1.93E-01
1.08E+02	-9.30E+01	1.45E+02	-4.64E-02	-2.07E-01
1.08E+02	-9.30E+01	1.46E+02	-2.44E-03	-1.75E-01
1.08E+02	-9.30E+01	1.46E+02	1.71E-02	-1.94E-01
1.08E+02	-9.30E+01	1.46E+02	-1.71E-02	-2.01E-01
1.08E+02	-9.30E+01	1.46E+02	-1.95E-02	-1.75E-01
1.08E+02	-9.30E+01	1.46E+02	1.71E-02	-1.87E-01
1.08E+02	-9.30E+01	1.46E+02	-2.69E-02	-1.75E-01
1.08E+02	-9.30E+01	1.46E+02	-4.88E-03	-1.76E-01
1.08E+02	-9.30E+01	1.46E+02	1.71E-02	-1.58E-01
1.08E+02	-9.30E+01	1.46E+02	-3.05E-02	-1.73E-01
1.08E+02	-9.30E+01	1.46E+02	-1.22E-02	-1.61E-01
1.08E+02	-9.30E+01	1.46E+02	-2.81E-02	-1.75E-01

1.08E+02	-9.30E+01	1.46E+02	-6.10E-03	-1.75E-01
1.08E+02	-9.30E+01	1.46E+02	-2.69E-02	-1.57E-01
1.08E+02	-9.30E+01	1.46E+02	-1.95E-02	-1.67E-01
1.08E+02	-9.30E+01	1.46E+02	-1.10E-02	-1.61E-01
1.08E+02	-9.30E+01	1.46E+02	-2.69E-02	-1.64E-01
1.08E+02	-9.30E+01	1.46E+02	-1.22E-02	-1.58E-01
1.08E+02	-9.30E+01	1.46E+02	-3.30E-02	-1.58E-01
1.08E+02	-9.30E+01	1.46E+02	-2.56E-02	-1.66E-01
1.08E+02	-9.30E+01	1.46E+02	-6.10E-03	-1.47E-01
1.08E+02	-9.30E+01	1.46E+02	-1.46E-02	-1.58E-01
1.08E+02	-9.30E+01	1.46E+02	-7.32E-03	-1.47E-01
1.08E+02	-9.30E+01	1.46E+02	-4.15E-02	-1.57E-01
1.08E+02	-9.30E+01	1.46E+02	-2.20E-02	-1.48E-01
1.08E+02	-9.30E+01	1.45E+02	-2.20E-02	-1.48E-01
1.08E+02	-9.30E+01	1.45E+02	-1.46E-02	-1.51E-01
1.08E+02	-9.30E+01	1.46E+02	-1.22E-02	-1.38E-01
1.08E+02	-9.30E+01	1.46E+02	-2.81E-02	-1.47E-01
1.08E+02	-9.30E+01	1.45E+02	-3.66E-03	-1.38E-01
1.08E+02	-9.30E+01	1.46E+02	-2.44E-02	-1.42E-01
1.08E+02	-9.30E+01	1.46E+02	-9.77E-03	-1.42E-01
1.08E+02	-9.30E+01	1.46E+02	-4.88E-03	-1.30E-01
1.08E+02	-9.30E+01	1.45E+02	-2.44E-02	-1.37E-01
1.08E+02	-9.30E+01	1.45E+02	2.44E-03	-1.29E-01
1.08E+02	-9.30E+01	1.46E+02	-2.20E-02	-1.32E-01
1.08E+02	-9.30E+01	1.46E+02	-1.34E-02	-1.31E-01
1.08E+02	-9.30E+01	1.46E+02	-8.54E-03	-1.22E-01
1.08E+02	-9.30E+01	1.46E+02	-2.32E-02	-1.29E-01
1.08E+02	-9.30E+01	1.46E+02	-9.77E-03	-1.16E-01
1.08E+02	-9.30E+01	1.46E+02	-2.56E-02	-1.24E-01
1.08E+02	-9.30E+01	1.46E+02	-1.22E-02	-1.21E-01
1.08E+02	-9.30E+01	1.46E+02	-1.83E-02	-1.20E-01
1.08E+02	-9.30E+01	1.46E+02	-9.77E-03	-1.20E-01
1.08E+02	-9.30E+01	1.46E+02	-1.95E-02	-1.12E-01
1.08E+02	-9.30E+01	1.46E+02	-2.44E-02	-1.17E-01
1.08E+02	-9.30E+01	1.45E+02	-2.44E-03	-1.05E-01
1.08E+02	-9.30E+01	1.46E+02	-2.93E-02	-1.15E-01
1.09E+02	-9.30E+01	1.46E+02	-9.77E-03	-1.05E-01
1.09E+02	-9.30E+01	1.46E+02	-2.44E-02	-1.09E-01
1.09E+02	-9.30E+01	1.46E+02	-1.10E-02	-1.06E-01
1.09E+02	-9.30E+01	1.46E+02	-1.95E-02	-1.01E-01
1.09E+02	-9.30E+01	1.45E+02	-2.20E-02	-1.06E-01
1.09E+02	-9.30E+01	1.46E+02	-3.66E-03	-9.35E-02
1.09E+02	-9.30E+01	1.46E+02	-2.44E-02	-1.03E-01
1.09E+02	-9.30E+01	1.45E+02	-6.10E-03	-9.48E-02
1.09E+02	-9.30E+01	1.45E+02	-1.71E-02	-8.84E-02
1.09E+02	-9.30E+01	1.45E+02	-1.95E-02	-9.82E-02
1.09E+02	-9.30E+01	1.45E+02	-4.88E-03	-8.67E-02

1.09E+02	-9.30E+01	1.45E+02	-3.42E-02	-9.10E-02
1.09E+02	-9.30E+01	1.45E+02	-1.10E-02	-9.01E-02
1.09E+02	-9.30E+01	1.45E+02	-1.59E-02	-8.16E-02
1.09E+02	-9.30E+01	1.45E+02	-2.44E-02	-9.14E-02
1.09E+02	-9.30E+01	1.45E+02	-3.66E-03	-7.91E-02
1.09E+02	-9.30E+01	1.45E+02	-3.66E-02	-8.16E-02
1.09E+02	-9.30E+01	1.45E+02	2.44E-03	-8.20E-02
1.09E+02	-9.30E+01	1.46E+02	-1.71E-02	-6.97E-02
1.09E+02	-9.30E+01	1.45E+02	-2.20E-02	-8.50E-02
1.09E+02	-9.30E+01	1.45E+02	-7.32E-03	-6.64E-02
1.09E+02	-9.30E+01	1.45E+02	-3.42E-02	-7.36E-02
1.09E+02	-9.30E+01	1.46E+02	1.22E-03	-6.97E-02
1.09E+02	-9.30E+01	1.46E+02	-2.93E-02	-6.55E-02
1.09E+02	-9.30E+01	1.44E+02	-1.46E-02	-7.40E-02
1.09E+02	-9.30E+01	1.43E+02	-1.22E-02	-5.62E-02
1.09E+02	-9.30E+01	1.43E+02	-2.69E-02	-7.23E-02
1.09E+02	-9.30E+01	1.45E+02	-8.54E-03	-5.96E-02
1.09E+02	-9.30E+01	1.46E+02	-4.39E-02	-6.21E-02
1.09E+02	-9.30E+01	1.45E+02	2.20E-02	-4.68E-02
1.09E+02	-9.30E+01	1.46E+02	-1.46E-02	-6.30E-02
1.09E+02	-9.30E+01	1.48E+02	-4.27E-02	-6.72E-02
1.09E+02	-9.30E+01	1.47E+02	2.44E-03	-3.58E-02
1.09E+02	-9.30E+01	1.38E+02	-2.93E-02	-4.09E-02
1.09E+02	-9.30E+01	1.25E+02	-3.66E-03	-4.73E-02
1.09E+02	-9.30E+01	1.14E+02	-6.35E-02	-5.28E-02
1.09E+02	-9.30E+01	1.04E+02	-1.22E-03	-3.45E-02
1.09E+02	-9.30E+01	9.31E+01	-1.22E-02	-3.03E-02
1.09E+02	-9.30E+01	8.20E+01	4.88E-03	-3.33E-02
1.09E+02	-9.30E+01	7.22E+01	1.22E-02	-1.33E-02
1.09E+02	-9.30E+01	6.24E+01	-2.44E-03	-2.14E-02
1.09E+02	-9.30E+01	5.16E+01	2.44E-03	-4.84E-03
1.09E+02	-9.30E+01	4.11E+01	-6.10E-03	-2.14E-02
1.09E+02	-9.30E+01	3.13E+01	-1.34E-02	-2.99E-02
1.09E+02	-9.30E+01	2.23E+01	-1.71E-02	4.06E-03
1.09E+02	-9.30E+01	1.28E+01	1.22E-03	-1.80E-02
1.09E+02	-9.30E+01	5.38E+00	7.32E-03	-6.96E-03
1.09E+02	-9.30E+01	3.09E-01	-4.15E-02	-2.56E-02
1.09E+02	-9.30E+01	-7.77E-01	-4.88E-03	-1.08E-02
1.09E+02	-9.30E+01	-2.11E-01	-1.22E-02	-1.29E-02
1.10E+02	-9.30E+01	-6.09E-01	0.00E+00	-1.03E-03
1.10E+02	-9.30E+01	-1.80E-01	-1.22E-02	-1.21E-02
1.10E+02	-9.30E+01	-5.47E-01	-6.10E-03	-3.15E-03
1.10E+02	-9.30E+01	-3.03E-01	-1.34E-02	-9.93E-03
1.10E+02	-9.30E+01	-4.86E-01	-2.20E-02	-6.96E-03
1.10E+02	-9.30E+01	-3.18E-01	-1.46E-02	3.22E-03
1.10E+02	-9.30E+01	-6.09E-01	-3.42E-02	-5.27E-03
1.10E+02	-9.30E+01	-1.50E-01	-9.77E-03	1.04E-02

1.10E+02	-9.30E+01	-5.32E-01	-1.95E-02	-1.29E-02
1.10E+02	-9.30E+01	-4.25E-01	-3.66E-03	-5.27E-03
1.10E+02	-9.30E+01	-2.11E-01	-3.17E-02	-8.66E-03
1.10E+02	-9.30E+01	-4.40E-01	4.88E-03	-1.03E-03
1.10E+02	-9.30E+01	-8.87E-02	-1.95E-02	8.73E-03
1.10E+02	-9.30E+01	-5.93E-01	-1.59E-02	-1.29E-02
1.10E+02	-9.30E+01	-8.87E-02	2.44E-03	1.25E-02
1.10E+02	-9.30E+01	-3.94E-01	-3.42E-02	-1.12E-02
1.10E+02	-9.30E+01	-2.42E-01	-1.22E-03	5.76E-03
1.10E+02	-9.30E+01	-2.26E-01	-1.59E-02	-3.57E-03
1.10E+02	-9.30E+01	-3.64E-01	-8.54E-03	2.37E-03
1.10E+02	-9.30E+01	-1.19E-01	-2.32E-02	1.52E-03
1.10E+02	-9.30E+01	-1.19E-01	-1.22E-02	2.37E-03
1.10E+02	-9.30E+01	3.36E-02	-3.17E-02	7.46E-03
1.10E+02	-9.30E+01	-4.86E-01	-7.32E-03	-1.21E-02
1.10E+02	-9.30E+01	-1.80E-01	-9.77E-03	3.64E-03
1.10E+02	-9.30E+01	-2.26E-01	-1.46E-02	-8.66E-03
1.10E+02	-9.30E+01	-5.81E-02	-2.44E-02	5.76E-03
1.10E+02	-9.30E+01	-2.42E-01	-1.46E-02	-1.42E-02
1.10E+02	-9.30E+01	3.36E-02	-1.34E-02	7.46E-03
1.10E+02	-9.30E+01	3.06E-03	-2.44E-02	-7.81E-03

Current File	O:\Projects\914220~1\Data\UNITED~1\Ody1064.csv
Original File	C:\Data\9142OdysseyLiftGate\Ody1064.dx3
File descrip	9142 Honda Odyssey LiftGate liftgate - Esser
Project ID:	Project ID
File ID:	File ID
Test Date:	########
Test Time:	44:06.0
Current Da	########
Current Tin	8:53:39
Number of	4
Number of	5568
Independe	0.02
Independe	0
Independe	Sec

Time	Angle	Force	LiftgateMo	StrutCalDisplacement
Sec	Degrees	lbs	volts	inches
0.00E+00	-9.30E+01	1.27E-01	-3.78E-02	6.28E-04
2.00E-02	-9.30E+01	8.07E-02	-2.32E-02	-7.43E-03
4.00E-02	-9.30E+01	-5.69E-02	-1.46E-02	2.75E-03
6.00E-02	-9.30E+01	1.27E-01	-2.20E-02	-1.07E-03
8.00E-02	-9.30E+01	-1.03E-01	-4.39E-02	-1.12E-02
1.00E-01	-9.30E+01	-2.86E-01	2.93E-02	-1.55E-02
1.20E-01	-9.30E+01	2.64E-01	-9.77E-03	4.45E-03
1.40E-01	-9.30E+01	1.57E-01	-3.30E-02	-1.49E-03
1.60E-01	-9.30E+01	-1.18E-01	-2.20E-02	-6.58E-03
1.80E-01	-9.30E+01	1.57E-01	-1.22E-02	9.11E-03
2.00E-01	-9.30E+01	3.49E-02	-3.66E-02	-2.34E-03
2.20E-01	-9.30E+01	-1.49E-01	-4.88E-03	-5.31E-03
2.40E-01	-9.30E+01	1.57E-01	-4.88E-03	4.45E-03
2.60E-01	-9.30E+01	2.18E-01	-3.42E-02	4.45E-03
2.80E-01	-9.30E+01	-1.49E-01	-1.46E-02	-6.58E-03
3.00E-01	-9.30E+01	2.79E-01	-1.95E-02	1.21E-02
3.20E-01	-9.30E+01	3.10E-01	-4.27E-02	6.99E-03
3.40E-01	-9.30E+01	-2.63E-02	-6.10E-03	-3.19E-03
3.60E-01	-9.30E+01	9.60E-02	-2.08E-02	4.87E-03
3.80E-01	-9.30E+01	9.60E-02	-2.93E-02	-6.16E-03
4.00E-01	-9.30E+01	-2.63E-02	-1.46E-02	2.04E-04
4.20E-01	-9.30E+01	5.24E-01	-1.22E-02	8.69E-03
4.40E-01	-9.30E+01	-2.63E-02	-2.69E-02	-9.13E-03
4.60E-01	-9.30E+01	-5.69E-02	2.08E-02	-7.43E-03
4.80E-01	-9.30E+01	-2.40E-01	-3.42E-02	2.04E-04
5.00E-01	-9.30E+01	-7.22E-02	-4.88E-03	-8.70E-03
5.20E-01	-9.30E+01	2.18E-01	-4.88E-03	8.69E-03
5.40E-01	-9.30E+01	2.49E-01	-2.20E-02	-8.28E-03
5.60E-01	-9.30E+01	-2.40E-01	-1.95E-02	1.90E-03
5.80E-01	-9.30E+01	6.54E-02	-3.05E-02	-1.49E-03
6.00E-01	-9.30E+01	2.49E-01	-4.88E-03	6.14E-03

6.20E-01	-9.30E+01	-4.24E-01	2.44E-03	-1.07E-03
6.40E-01	-9.30E+01	3.25E-01	-2.08E-02	5.72E-03
6.60E-01	-9.30E+01	-1.03E-01	-2.44E-02	-9.98E-03
6.80E-01	-9.30E+01	1.57E-01	-4.88E-03	7.84E-03
7.00E-01	-9.30E+01	2.64E-01	-2.44E-02	-1.49E-03
7.20E-01	-9.30E+01	-2.10E-01	-1.46E-02	-2.34E-03
7.40E-01	-9.30E+01	1.57E-01	2.20E-02	1.97E-02
7.60E-01	-9.30E+01	2.18E-01	-2.69E-02	-1.49E-03
7.80E-01	-9.30E+01	-2.63E-02	-1.46E-02	-6.58E-03
8.00E-01	-9.30E+01	2.79E-01	-1.10E-02	6.57E-03
8.20E-01	-9.30E+01	2.18E-01	-3.66E-02	-2.77E-03
8.40E-01	-9.30E+01	-1.10E-02	-1.46E-02	-9.98E-03
8.60E-01	-9.30E+01	6.54E-02	-6.10E-03	1.90E-03
8.80E-01	-9.30E+01	3.49E-02	-2.44E-03	1.89E-02
9.00E-01	-9.30E+01	-4.39E-01	-2.44E-02	-1.12E-02
9.20E-01	-9.30E+01	4.28E-03	-4.88E-03	2.33E-03
9.40E-01	-9.30E+01	2.79E-01	-1.59E-02	2.04E-04
9.60E-01	-9.30E+01	9.60E-02	-3.17E-02	-1.49E-03
9.80E-01	-9.30E+01	6.54E-02	7.32E-03	1.90E-03
1.00E+00	-9.30E+01	4.32E-01	-1.22E-02	4.45E-03
1.02E+00	-9.30E+01	-2.63E-02	-1.22E-02	-2.61E-02
1.04E+00	-9.30E+01	4.28E-03	-1.46E-02	-3.61E-03
1.06E+00	-9.30E+01	2.79E-01	-1.95E-02	1.90E-03
1.08E+00	-9.30E+01	1.27E-01	-2.56E-02	-4.89E-03
1.10E+00	-9.30E+01	1.72E-01	0.00E+00	3.17E-03
1.12E+00	-9.30E+01	2.79E-01	-2.44E-02	1.48E-03
1.14E+00	-9.30E+01	-2.40E-01	-1.71E-02	-3.61E-03
1.16E+00	-9.30E+01	1.88E-01	-1.71E-02	1.63E-02
1.18E+00	-9.30E+01	3.71E-01	-3.17E-02	-2.34E-03
1.20E+00	-9.30E+01	1.96E-02	2.20E-02	-4.89E-03
1.22E+00	-9.30E+01	1.57E-01	-5.13E-02	7.84E-03
1.24E+00	-9.30E+01	1.88E-01	-9.77E-03	-6.58E-03
1.26E+00	-9.30E+01	2.79E-01	-9.77E-03	1.17E-02
1.28E+00	-9.30E+01	1.57E-01	-2.93E-02	-6.16E-03
1.30E+00	-9.30E+01	-1.18E-01	-2.44E-02	-6.44E-04
1.32E+00	-9.30E+01	3.25E-01	-9.77E-03	-1.49E-03
1.34E+00	-9.30E+01	2.03E-01	-4.27E-02	-2.34E-03
1.36E+00	-9.30E+01	1.42E-01	8.54E-03	4.45E-03
1.38E+00	-9.30E+01	4.32E-01	-1.46E-02	-1.42E-02
1.40E+00	-9.30E+01	-8.75E-02	-2.69E-02	-5.73E-03
1.42E+00	-9.30E+01	3.41E-01	-2.44E-03	8.69E-03
1.44E+00	-9.30E+01	1.57E-01	-3.42E-02	-4.89E-03
1.46E+00	-9.30E+01	4.28E-03	3.66E-03	1.90E-03
1.48E+00	-9.30E+01	2.18E-01	-3.66E-02	2.04E-04
1.50E+00	-9.30E+01	6.54E-02	-1.95E-02	-1.92E-03
1.52E+00	-9.30E+01	1.27E-01	-1.22E-02	5.29E-03
1.54E+00	-9.30E+01	3.41E-01	-3.17E-02	-1.29E-02

1.56E+00	-9.30E+01	4.28E-03	1.34E-02	1.17E-02
1.58E+00	-9.30E+01	2.18E-01	-2.93E-02	2.04E-04
1.60E+00	-9.30E+01	9.60E-02	-9.77E-03	-7.43E-03
1.62E+00	-9.30E+01	1.88E-01	-1.34E-02	7.42E-03
1.64E+00	-9.30E+01	1.57E-01	-2.20E-02	-3.19E-03
1.66E+00	-9.30E+01	3.10E-01	-7.32E-03	8.69E-03
1.68E+00	-9.30E+01	8.07E-02	-2.20E-02	2.75E-03
1.70E+00	-9.30E+01	9.60E-02	2.44E-03	-6.58E-03
1.72E+00	-9.30E+01	3.41E-01	7.32E-03	1.89E-02
1.74E+00	-9.30E+01	-1.64E-01	-4.88E-03	-9.13E-03
1.76E+00	-9.30E+01	4.28E-03	-8.54E-03	1.12E-02
1.78E+00	-9.30E+01	3.71E-01	-2.20E-02	1.05E-03
1.80E+00	-9.30E+01	4.28E-03	-2.44E-02	-5.73E-03
1.82E+00	-9.30E+01	1.27E-01	0.00E+00	3.60E-03
1.84E+00	-9.30E+01	2.18E-01	-3.17E-02	-2.34E-03
1.86E+00	-9.30E+01	-1.18E-01	-1.95E-02	-9.98E-03
1.88E+00	-9.30E+01	4.48E-01	-2.44E-03	6.57E-03
1.90E+00	-9.30E+01	-1.33E-01	-2.44E-03	-1.04E-02
1.92E+00	-9.30E+01	-1.49E-01	0.00E+00	6.28E-04
1.94E+00	-9.30E+01	2.79E-01	-5.37E-02	6.28E-04
1.96E+00	-9.30E+01	-2.63E-02	-4.88E-03	-7.43E-03
1.98E+00	-9.30E+01	2.49E-01	-1.71E-02	6.99E-03
2.00E+00	-9.30E+01	1.57E-01	-2.32E-02	-8.28E-03
2.02E+00	-9.30E+01	4.28E-03	-1.22E-03	4.45E-03
2.04E+00	-9.30E+01	1.88E-01	-1.71E-02	5.72E-03
2.06E+00	-9.30E+01	2.34E-01	-2.81E-02	-9.13E-03
2.08E+00	-9.30E+01	2.18E-01	0.00E+00	2.75E-03
2.10E+00	-9.30E+01	4.32E-01	-4.88E-03	1.55E-02
2.12E+00	-9.30E+01	-2.71E-01	-1.95E-02	-9.13E-03
2.14E+00	-9.30E+01	3.71E-01	-7.32E-03	6.99E-03
2.16E+00	-9.30E+01	2.03E-01	-2.93E-02	-2.34E-03
2.18E+00	-9.30E+01	6.54E-02	-4.88E-03	-2.77E-03
2.20E+00	-9.30E+01	1.42E-01	-1.71E-02	1.90E-03
2.22E+00	-9.30E+01	1.27E-01	-1.46E-02	-7.01E-03
2.24E+00	-9.30E+01	8.07E-02	2.44E-03	4.45E-03
2.26E+00	-9.30E+01	2.79E-01	-1.46E-02	-1.07E-03
2.28E+00	-9.30E+01	-2.40E-01	-5.13E-02	-1.59E-02
2.30E+00	-9.30E+01	2.03E-01	-2.08E-02	1.38E-02
2.32E+00	-9.30E+01	-7.22E-02	-3.78E-02	-3.19E-03
2.34E+00	-9.30E+01	-2.63E-02	-2.44E-03	-6.58E-03
2.36E+00	-9.30E+01	2.79E-01	-1.22E-02	4.45E-03
2.38E+00	-9.30E+01	-8.75E-02	-2.69E-02	-5.73E-03
2.40E+00	-9.30E+01	2.49E-01	-4.88E-03	6.14E-03
2.42E+00	-9.30E+01	2.49E-01	-4.88E-02	2.04E-04
2.44E+00	-9.30E+01	1.27E-01	6.10E-03	6.14E-03
2.46E+00	-9.30E+01	4.78E-01	-2.44E-02	3.60E-03
2.48E+00	-9.30E+01	2.79E-01	-9.77E-03	-3.61E-03

2.50E+00	-9.30E+01	-2.63E-02	1.10E-02	1.46E-02
2.52E+00	-9.30E+01	-2.63E-02	-2.81E-02	-1.76E-02
2.54E+00	-9.30E+01	-5.69E-02	-1.22E-02	-4.89E-03
2.56E+00	-9.30E+01	2.79E-01	-1.95E-02	5.29E-03
2.58E+00	-9.30E+01	8.07E-02	-3.17E-02	-4.89E-03
2.60E+00	-9.30E+01	8.07E-02	0.00E+00	3.60E-03
2.62E+00	-9.30E+01	4.32E-01	-1.71E-02	5.29E-03
2.64E+00	-9.30E+01	-7.22E-02	-6.10E-03	6.28E-04
2.66E+00	-9.30E+01	2.79E-01	-2.44E-03	-6.44E-04
2.68E+00	-9.30E+01	3.25E-01	-3.66E-02	-1.07E-03
2.70E+00	-9.30E+01	-1.18E-01	2.20E-02	-2.40E-02
2.72E+00	-9.30E+01	4.17E-01	-4.88E-03	9.54E-03
2.74E+00	-9.30E+01	3.71E-01	-3.30E-02	-9.98E-03
2.76E+00	-9.30E+01	2.95E-01	-4.88E-03	8.69E-03
2.78E+00	-9.30E+01	1.88E-01	-2.93E-02	-5.73E-03
2.80E+00	-9.30E+01	1.27E-01	-7.32E-03	-3.19E-03
2.82E+00	-9.30E+01	3.41E-01	-1.46E-02	6.99E-03
2.84E+00	-9.30E+01	2.49E-01	-4.03E-02	-2.20E-04
2.86E+00	-9.30E+01	1.27E-01	-4.88E-03	-9.13E-03
2.88E+00	-9.30E+01	5.55E-01	0.00E+00	3.60E-03
2.90E+00	-9.30E+01	-1.18E-01	-3.17E-02	1.05E-03
2.92E+00	-9.30E+01	8.07E-02	-2.44E-03	4.45E-03
2.94E+00	-9.30E+01	4.02E-01	-5.62E-02	1.90E-03
2.96E+00	-9.30E+01	4.28E-03	-1.95E-02	9.54E-03
2.98E+00	-9.30E+01	2.18E-01	-2.20E-02	-6.44E-04
3.00E+00	-9.30E+01	-1.10E-02	-1.22E-02	-5.31E-03
3.02E+00	-9.30E+01	3.87E-01	-1.10E-02	7.84E-03
3.04E+00	-9.30E+01	1.27E-01	-3.30E-02	-6.58E-03
3.06E+00	-9.30E+01	1.57E-01	-8.54E-03	1.05E-03
3.08E+00	-9.30E+01	3.71E-01	-3.54E-02	7.42E-03
3.10E+00	-9.30E+01	-2.63E-02	-2.44E-02	-6.44E-04
3.12E+00	-9.30E+01	4.94E-01	-2.44E-03	1.55E-02
3.14E+00	-9.30E+01	4.28E-03	-2.20E-02	-1.12E-02
3.16E+00	-9.30E+01	2.34E-01	3.66E-03	4.87E-03
3.18E+00	-9.30E+01	4.94E-01	-4.52E-02	-6.58E-03
3.20E+00	-9.30E+01	-1.18E-01	-7.32E-03	-1.07E-03
3.22E+00	-9.30E+01	3.10E-01	-1.95E-02	2.27E-02
3.24E+00	-9.30E+01	2.18E-01	-1.95E-02	-1.08E-02
3.26E+00	-9.30E+01	9.60E-02	-6.10E-03	3.60E-03
3.28E+00	-9.30E+01	4.32E-01	-2.20E-02	-6.44E-04
3.30E+00	-9.30E+01	1.27E-01	-1.22E-02	-1.92E-03
3.32E+00	-9.30E+01	3.71E-01	-1.46E-02	2.75E-03
3.34E+00	-9.30E+01	8.07E-02	-1.95E-02	-5.73E-03
3.36E+00	-9.30E+01	2.03E-01	-4.88E-03	1.42E-02
3.38E+00	-9.30E+01	2.64E-01	-2.20E-02	-1.17E-02
3.40E+00	-9.30E+01	2.18E-01	-1.46E-02	4.02E-03
3.42E+00	-9.30E+01	3.41E-01	-1.83E-02	5.29E-03

3.44E+00	-9.30E+01	6.54E-02	9.77E-03	-1.42E-02
3.46E+00	-9.30E+01	2.79E-01	9.77E-03	5.29E-03
3.48E+00	-9.30E+01	2.34E-01	-2.44E-03	-2.06E-02
3.50E+00	-9.30E+01	2.18E-01	-8.54E-03	2.75E-03
3.52E+00	-9.30E+01	4.94E-01	-1.95E-02	1.48E-03
3.54E+00	-9.30E+01	1.42E-01	-1.95E-02	-3.19E-03
3.56E+00	-9.30E+01	1.88E-01	-4.88E-03	4.45E-03
3.58E+00	-9.30E+01	1.57E-01	-3.17E-02	-6.16E-03
3.60E+00	-9.30E+01	6.54E-02	-7.32E-03	3.17E-03
3.62E+00	-9.30E+01	2.79E-01	-3.78E-02	1.05E-03
3.64E+00	-9.30E+01	1.96E-02	-1.34E-02	-6.58E-03
3.66E+00	-9.30E+01	2.49E-01	-2.44E-03	3.60E-03
3.68E+00	-9.30E+01	1.27E-01	-3.42E-02	-1.17E-02
3.70E+00	-9.30E+01	3.10E-01	1.71E-02	1.05E-03
3.72E+00	-9.30E+01	3.49E-02	-5.13E-02	-4.89E-03
3.74E+00	-9.30E+01	-7.22E-02	-3.05E-02	6.28E-04
3.76E+00	-9.30E+01	2.49E-01	-4.88E-03	1.08E-02
3.78E+00	-9.30E+01	1.88E-01	-3.30E-02	-5.31E-03
3.80E+00	-9.30E+01	1.27E-01	-4.88E-03	2.04E-04
3.82E+00	-9.30E+01	2.49E-01	-2.93E-02	2.33E-03
3.84E+00	-9.30E+01	6.54E-02	-1.46E-02	-7.43E-03
3.86E+00	-9.30E+01	2.03E-01	-1.46E-02	5.29E-03
3.88E+00	-9.30E+01	2.49E-01	-3.17E-02	-1.17E-02
3.90E+00	-9.30E+01	1.27E-01	-1.22E-02	6.28E-04
3.92E+00	-9.30E+01	1.42E-01	-3.17E-02	-6.44E-04
3.94E+00	-9.30E+01	2.18E-01	4.88E-03	-1.42E-02
3.96E+00	-9.30E+01	6.54E-02	-2.69E-02	9.54E-03
3.98E+00	-9.30E+01	7.69E-01	-1.22E-02	-1.55E-02
4.00E+00	-9.30E+01	2.54E+00	1.34E-02	-4.89E-03
4.02E+00	-9.30E+01	3.89E+00	-2.20E-02	-1.12E-02
4.04E+00	-9.30E+01	4.32E+00	-3.66E-03	3.60E-03
4.06E+00	-9.30E+01	4.30E+00	-3.42E-02	-3.19E-03
4.08E+00	-9.30E+01	4.04E+00	-6.10E-03	-2.77E-03
4.10E+00	-9.30E+01	4.41E+00	-2.69E-02	2.75E-03
4.12E+00	-9.30E+01	4.07E+00	-2.20E-02	-7.86E-03
4.14E+00	-9.30E+01	4.42E+00	-7.32E-03	4.45E-03
4.16E+00	-9.30E+01	3.95E+00	-2.08E-02	-9.98E-03
4.18E+00	-9.30E+01	4.32E+00	-9.77E-03	-7.43E-03
4.20E+00	-9.30E+01	4.38E+00	-3.91E-02	-1.25E-02
4.22E+00	-9.30E+01	4.15E+00	-9.77E-03	-1.97E-02
4.24E+00	-9.30E+01	4.58E+00	-5.49E-02	-5.73E-03
4.26E+00	-9.30E+01	5.48E+00	-3.42E-02	-3.12E-02
4.28E+00	-9.30E+01	6.79E+00	-1.22E-02	-2.44E-02
4.30E+00	-9.30E+01	6.52E+00	-3.66E-02	-2.74E-02
4.32E+00	-9.30E+01	6.56E+00	1.22E-03	-2.44E-02
4.34E+00	-9.30E+01	6.67E+00	-2.93E-02	-2.99E-02
4.36E+00	-9.30E+01	6.69E+00	-1.71E-02	-4.73E-02

4.38E+00	-9.30E+01	6.82E+00	-2.44E-03	-3.67E-02
4.40E+00	-9.30E+01	7.16E+00	-2.93E-02	-4.60E-02
4.42E+00	-9.30E+01	7.16E+00	-2.20E-02	-5.41E-02
4.44E+00	-9.30E+01	8.99E+00	-4.88E-03	-4.39E-02
4.46E+00	-9.30E+01	1.32E+01	-2.08E-02	-6.00E-02
4.48E+00	-9.30E+01	2.60E+01	-9.77E-03	-5.75E-02
4.50E+00	-9.30E+01	4.40E+01	-4.88E-03	-5.62E-02
4.52E+00	-9.30E+01	6.28E+01	-3.91E-02	-6.72E-02
4.54E+00	-9.30E+01	8.58E+01	-7.32E-03	-5.49E-02
4.56E+00	-9.30E+01	1.09E+02	-1.34E-02	-8.21E-02
4.58E+00	-9.30E+01	1.32E+02	-2.44E-03	-8.38E-02
4.60E+00	-9.30E+01	1.57E+02	-2.56E-02	-9.23E-02
4.62E+00	-9.30E+01	1.81E+02	-1.34E-02	-1.10E-01
4.64E+00	-9.30E+01	1.87E+02	-7.32E-03	-9.82E-02
4.66E+00	-9.30E+01	1.85E+02	-3.17E-02	-1.08E-01
4.68E+00	-9.30E+01	1.87E+02	-9.77E-03	-1.18E-01
4.70E+00	-9.30E+01	1.87E+02	-2.81E-02	-1.14E-01
4.72E+00	-9.30E+01	1.88E+02	-1.71E-02	-1.39E-01
4.74E+00	-9.30E+01	1.88E+02	-7.32E-03	-1.30E-01
4.76E+00	-9.30E+01	1.88E+02	-4.15E-02	-1.37E-01
4.78E+00	-9.30E+01	1.88E+02	-9.77E-03	-1.48E-01
4.80E+00	-9.30E+01	1.89E+02	1.71E-02	-1.54E-01
4.82E+00	-9.30E+01	1.89E+02	-1.10E-02	-1.55E-01
4.84E+00	-9.30E+01	1.89E+02	-2.44E-03	-1.44E-01
4.86E+00	-9.30E+01	1.90E+02	-2.08E-02	-1.61E-01
4.88E+00	-9.30E+01	1.90E+02	-1.95E-02	-1.82E-01
4.90E+00	-9.30E+01	1.90E+02	-6.10E-03	-1.71E-01
4.92E+00	-9.30E+01	1.91E+02	-3.05E-02	-1.82E-01
4.94E+00	-9.30E+01	1.91E+02	-3.66E-03	-1.94E-01
4.96E+00	-9.30E+01	1.91E+02	-2.81E-02	-1.91E-01
4.98E+00	-9.30E+01	1.91E+02	-2.20E-02	-2.13E-01
5.00E+00	-9.30E+01	1.91E+02	-8.54E-03	-2.02E-01
5.02E+00	-9.30E+01	1.92E+02	-2.93E-02	-2.23E-01
5.04E+00	-9.30E+01	1.92E+02	2.44E-03	-2.21E-01
5.06E+00	-9.30E+01	1.92E+02	-1.95E-02	-2.29E-01
5.08E+00	-9.30E+01	1.92E+02	-1.22E-02	-2.42E-01
5.10E+00	-9.30E+01	1.92E+02	-1.10E-02	-2.46E-01
5.12E+00	-9.30E+01	1.92E+02	-2.93E-02	-2.49E-01
5.14E+00	-9.30E+01	1.92E+02	-4.88E-03	-2.42E-01
5.16E+00	-9.30E+01	1.92E+02	-4.76E-02	-2.81E-01
5.18E+00	-9.30E+01	1.93E+02	-7.32E-03	-2.75E-01
5.20E+00	-9.30E+01	1.93E+02	-1.34E-02	-2.70E-01
5.22E+00	-9.30E+01	1.93E+02	-2.69E-02	-2.92E-01
5.24E+00	-9.30E+01	1.93E+02	-9.77E-03	-2.86E-01
5.26E+00	-9.30E+01	1.93E+02	-1.95E-02	-3.01E-01
5.28E+00	-9.30E+01	1.93E+02	-1.22E-02	-3.03E-01
5.30E+00	-9.30E+01	1.93E+02	0.00E+00	-3.11E-01

5.32E+00	-9.30E+01	1.93E+02	-2.69E-02	-3.24E-01
5.34E+00	-9.30E+01	1.93E+02	3.66E-03	-3.27E-01
5.36E+00	-9.30E+01	1.93E+02	-1.46E-02	-3.38E-01
5.38E+00	-9.30E+01	1.93E+02	-8.54E-03	-3.43E-01
5.40E+00	-9.30E+01	1.94E+02	-2.44E-02	-3.40E-01
5.42E+00	-9.30E+01	1.93E+02	-2.69E-02	-3.51E-01
5.44E+00	-9.30E+01	1.93E+02	-1.71E-02	-3.53E-01
5.46E+00	-9.30E+01	1.93E+02	-2.69E-02	-3.76E-01
5.48E+00	-9.30E+01	1.94E+02	-1.95E-02	-3.76E-01
5.50E+00	-9.30E+01	1.94E+02	-2.44E-03	-3.87E-01
5.52E+00	-9.30E+01	1.93E+02	7.32E-03	-3.93E-01
5.54E+00	-9.30E+01	1.93E+02	-3.66E-03	-3.89E-01
5.56E+00	-9.30E+01	1.93E+02	-3.30E-02	-4.01E-01
5.58E+00	-9.30E+01	1.93E+02	2.44E-03	-4.04E-01
5.60E+00	-9.30E+01	1.93E+02	-2.44E-02	-4.09E-01
5.62E+00	-9.30E+01	1.93E+02	-1.95E-02	-4.30E-01
5.64E+00	-9.30E+01	1.93E+02	-7.32E-03	-4.20E-01
5.66E+00	-9.30E+01	1.93E+02	-2.20E-02	-4.34E-01
5.68E+00	-9.30E+01	1.93E+02	4.88E-03	-4.43E-01
5.70E+00	-9.30E+01	1.93E+02	-2.93E-02	-4.50E-01
5.72E+00	-9.30E+01	1.92E+02	-1.22E-03	-4.63E-01
5.74E+00	-9.30E+01	1.93E+02	-1.22E-03	-4.54E-01
5.76E+00	-9.30E+01	1.92E+02	-1.95E-02	-4.81E-01
5.78E+00	-9.30E+01	1.92E+02	-1.71E-02	-4.67E-01
5.80E+00	-9.30E+01	1.92E+02	-3.54E-02	-4.81E-01
5.82E+00	-9.30E+01	1.92E+02	0.00E+00	-4.92E-01
5.84E+00	-9.30E+01	1.92E+02	-2.44E-03	-4.98E-01
5.86E+00	-9.30E+01	1.92E+02	-5.98E-02	-5.05E-01
5.88E+00	-9.30E+01	1.92E+02	-9.77E-03	-5.09E-01
5.90E+00	-9.30E+01	1.92E+02	-2.56E-02	-5.20E-01
5.92E+00	-9.30E+01	1.91E+02	-4.88E-03	-5.25E-01
5.94E+00	-9.30E+01	1.91E+02	-1.95E-02	-5.22E-01
5.96E+00	-9.30E+01	1.91E+02	-2.44E-02	-5.41E-01
5.98E+00	-9.30E+01	1.91E+02	-2.44E-03	-5.39E-01
6.00E+00	-9.30E+01	1.91E+02	-1.95E-02	-5.50E-01
6.02E+00	-9.30E+01	1.90E+02	-1.22E-02	-5.57E-01
6.04E+00	-9.30E+01	1.90E+02	-1.34E-02	-5.58E-01
6.06E+00	-9.30E+01	1.90E+02	-2.44E-02	-5.70E-01
6.08E+00	-9.30E+01	1.90E+02	-2.44E-03	-5.78E-01
6.10E+00	-9.30E+01	1.89E+02	-2.93E-02	-5.89E-01
6.12E+00	-9.30E+01	1.89E+02	-1.22E-02	-5.90E-01
6.14E+00	-9.30E+01	1.90E+02	-1.46E-02	-5.94E-01
6.16E+00	-9.30E+01	1.89E+02	-2.20E-02	-6.09E-01
6.18E+00	-9.30E+01	1.89E+02	7.32E-03	-6.09E-01
6.20E+00	-9.30E+01	1.88E+02	-1.71E-02	-6.17E-01
6.22E+00	-9.30E+01	1.88E+02	-3.66E-02	-6.19E-01
6.24E+00	-9.30E+01	1.88E+02	-4.88E-02	-6.20E-01

6.26E+00	-9.30E+01	1.88E+02	-1.95E-02	-6.60E-01
6.28E+00	-9.30E+01	1.88E+02	9.77E-03	-6.36E-01
6.30E+00	-9.30E+01	1.87E+02	-2.56E-02	-6.56E-01
6.32E+00	-9.30E+01	1.88E+02	-1.22E-03	-6.57E-01
6.34E+00	-9.30E+01	1.87E+02	-3.17E-02	-6.65E-01
6.36E+00	-9.30E+01	1.87E+02	-7.32E-03	-6.76E-01
6.38E+00	-9.30E+01	1.87E+02	-1.95E-02	-6.73E-01
6.40E+00	-9.30E+01	1.86E+02	-2.32E-02	-6.94E-01
6.42E+00	-9.30E+01	1.86E+02	-2.44E-03	-6.86E-01
6.44E+00	-9.30E+01	1.86E+02	-2.93E-02	-7.01E-01
6.46E+00	-9.30E+01	1.86E+02	0.00E+00	-7.05E-01
6.48E+00	-9.30E+01	1.86E+02	-2.20E-02	-7.00E-01
6.50E+00	-9.30E+01	1.85E+02	-2.44E-02	-7.32E-01
6.52E+00	-9.30E+01	1.85E+02	-1.34E-02	-7.15E-01
6.54E+00	-9.30E+01	1.85E+02	-2.81E-02	-7.33E-01
6.56E+00	-9.30E+01	1.85E+02	-1.59E-02	-7.47E-01
6.58E+00	-9.30E+01	1.85E+02	-1.22E-02	-7.34E-01
6.60E+00	-9.30E+01	1.85E+02	-3.66E-02	-7.66E-01
6.62E+00	-9.30E+01	1.84E+02	-1.46E-02	-7.62E-01
6.64E+00	-9.30E+01	1.84E+02	-9.77E-03	-7.85E-01
6.66E+00	-9.30E+01	1.84E+02	-1.22E-03	-7.74E-01
6.68E+00	-9.30E+01	1.84E+02	-9.77E-03	-7.60E-01
6.70E+00	-9.30E+01	1.84E+02	-2.69E-02	-7.91E-01
6.72E+00	-9.30E+01	1.84E+02	-2.44E-03	-7.90E-01
6.74E+00	-9.30E+01	1.84E+02	-2.08E-02	-8.02E-01
6.76E+00	-9.30E+01	1.83E+02	-9.77E-03	-8.07E-01
6.78E+00	-9.30E+01	1.83E+02	-1.71E-02	-8.13E-01
6.80E+00	-9.30E+01	1.83E+02	-2.69E-02	-8.27E-01
6.82E+00	-9.30E+01	1.83E+02	0.00E+00	-8.25E-01
6.84E+00	-9.30E+01	1.83E+02	-3.91E-02	-8.34E-01
6.86E+00	-9.30E+01	1.83E+02	-4.88E-03	-8.46E-01
6.88E+00	-9.30E+01	1.83E+02	-9.77E-03	-8.49E-01
6.90E+00	-9.30E+01	1.82E+02	-1.95E-02	-8.61E-01
6.92E+00	-9.30E+01	1.83E+02	4.88E-03	-8.63E-01
6.94E+00	-9.30E+01	1.82E+02	-1.95E-02	-8.71E-01
6.96E+00	-9.30E+01	1.82E+02	-1.22E-02	-8.85E-01
6.98E+00	-9.30E+01	1.82E+02	-1.22E-02	-8.75E-01
7.00E+00	-9.30E+01	1.82E+02	-3.05E-02	-9.05E-01
7.02E+00	-9.30E+01	1.82E+02	2.44E-03	-8.78E-01
7.04E+00	-9.30E+01	1.82E+02	-1.46E-02	-9.19E-01
7.06E+00	-9.30E+01	1.81E+02	-2.44E-02	-9.10E-01
7.08E+00	-9.30E+01	1.81E+02	-1.46E-02	-9.19E-01
7.10E+00	-9.30E+01	1.81E+02	1.46E-02	-9.29E-01
7.12E+00	-9.30E+01	1.81E+02	-1.95E-02	-9.08E-01
7.14E+00	-9.30E+01	1.81E+02	-2.93E-02	-9.46E-01
7.16E+00	-9.30E+01	1.81E+02	-4.88E-03	-9.41E-01
7.18E+00	-9.30E+01	1.81E+02	-2.44E-02	-9.47E-01

7.20E+00	-9.30E+01	1.81E+02	-1.59E-02	-9.63E-01
7.22E+00	-9.30E+01	1.81E+02	-4.88E-03	-9.59E-01
7.24E+00	-9.30E+01	1.81E+02	-2.69E-02	-9.75E-01
7.26E+00	-9.30E+01	1.81E+02	-8.54E-03	-9.80E-01
7.28E+00	-9.30E+01	1.81E+02	-9.77E-03	-9.80E-01
7.30E+00	-9.30E+01	1.81E+02	-2.69E-02	-9.95E-01
7.32E+00	-9.30E+01	1.81E+02	7.32E-03	-9.92E-01
7.34E+00	-9.30E+01	1.80E+02	-2.93E-02	-1.00E+00
7.36E+00	-9.30E+01	1.80E+02	-2.44E-03	-1.02E+00
7.38E+00	-9.30E+01	1.80E+02	-3.42E-02	-1.01E+00
7.40E+00	-9.30E+01	1.80E+02	-1.95E-02	-1.03E+00
7.42E+00	-9.30E+01	1.80E+02	-2.08E-02	-1.03E+00
7.44E+00	-9.30E+01	1.80E+02	-2.20E-02	-1.04E+00
7.46E+00	-9.30E+01	1.80E+02	-3.17E-02	-1.06E+00
7.48E+00	-9.30E+01	1.80E+02	-1.46E-02	-1.04E+00
7.50E+00	-9.30E+01	1.80E+02	-1.22E-03	-1.05E+00
7.52E+00	-9.30E+01	1.80E+02	-3.30E-02	-1.06E+00
7.54E+00	-9.30E+01	1.80E+02	-5.37E-02	-1.07E+00
7.56E+00	-9.30E+01	1.80E+02	-4.39E-02	-1.07E+00
7.58E+00	-9.30E+01	1.80E+02	-3.66E-03	-1.09E+00
7.60E+00	-9.30E+01	1.81E+02	-4.88E-03	-1.09E+00
7.62E+00	-9.30E+01	1.80E+02	-1.95E-02	-1.11E+00
7.64E+00	-9.30E+01	1.80E+02	-1.71E-02	-1.10E+00
7.66E+00	-9.30E+01	1.80E+02	-2.93E-02	-1.12E+00
7.68E+00	-9.30E+01	1.80E+02	-4.88E-03	-1.12E+00
7.70E+00	-9.30E+01	1.80E+02	-3.78E-02	-1.13E+00
7.72E+00	-9.30E+01	1.80E+02	0.00E+00	-1.14E+00
7.74E+00	-9.30E+01	1.80E+02	-2.32E-02	-1.14E+00
7.76E+00	-9.30E+01	1.80E+02	-1.22E-02	-1.16E+00
7.78E+00	-9.30E+01	1.80E+02	-1.71E-02	-1.15E+00
7.80E+00	-9.30E+01	1.80E+02	-2.32E-02	-1.17E+00
7.82E+00	-9.30E+01	1.80E+02	-3.66E-03	-1.17E+00
7.84E+00	-9.30E+01	1.81E+02	-2.93E-02	-1.18E+00
7.86E+00	-9.30E+01	1.81E+02	0.00E+00	-1.18E+00
7.88E+00	-9.30E+01	1.80E+02	-3.17E-02	-1.19E+00
7.90E+00	-9.30E+01	1.80E+02	-2.44E-02	-1.21E+00
7.92E+00	-9.30E+01	1.81E+02	4.88E-03	-1.20E+00
7.94E+00	-9.30E+01	1.80E+02	-1.95E-02	-1.22E+00
7.96E+00	-9.30E+01	1.80E+02	8.54E-03	-1.21E+00
7.98E+00	-9.30E+01	1.80E+02	-2.93E-02	-1.22E+00
8.00E+00	-9.30E+01	1.80E+02	-2.20E-02	-1.25E+00
8.02E+00	-9.30E+01	1.80E+02	-1.95E-02	-1.23E+00
8.04E+00	-9.30E+01	1.80E+02	-3.91E-02	-1.25E+00
8.06E+00	-9.30E+01	1.80E+02	1.22E-02	-1.26E+00
8.08E+00	-9.30E+01	1.80E+02	-2.69E-02	-1.25E+00
8.10E+00	-9.30E+01	1.80E+02	-1.83E-02	-1.28E+00
8.12E+00	-9.30E+01	1.81E+02	0.00E+00	-1.29E+00

8.14E+00	-9.30E+01	1.80E+02	-9.77E-03	-1.30E+00
8.16E+00	-9.30E+01	1.80E+02	-1.95E-02	-1.29E+00
8.18E+00	-9.30E+01	1.80E+02	-2.69E-02	-1.30E+00
8.20E+00	-9.30E+01	1.80E+02	0.00E+00	-1.30E+00
8.22E+00	-9.30E+01	1.80E+02	-3.30E-02	-1.31E+00
8.24E+00	-9.30E+01	1.80E+02	-9.77E-03	-1.32E+00
8.26E+00	-9.30E+01	1.80E+02	-2.20E-02	-1.32E+00
8.28E+00	-9.30E+01	1.80E+02	-1.95E-02	-1.34E+00
8.30E+00	-9.30E+01	1.81E+02	-1.46E-02	-1.33E+00
8.32E+00	-9.30E+01	1.80E+02	-3.54E-02	-1.35E+00
8.34E+00	-9.30E+01	1.80E+02	6.10E-03	-1.35E+00
8.36E+00	-9.30E+01	1.80E+02	-1.95E-02	-1.36E+00
8.38E+00	-9.30E+01	1.80E+02	-1.83E-02	-1.37E+00
8.40E+00	-9.30E+01	1.80E+02	-8.54E-03	-1.37E+00
8.42E+00	-9.30E+01	1.80E+02	-2.69E-02	-1.39E+00
8.44E+00	-9.30E+01	1.80E+02	-1.46E-02	-1.39E+00
8.46E+00	-9.30E+01	1.80E+02	-4.03E-02	-1.40E+00
8.48E+00	-9.30E+01	1.80E+02	-2.44E-03	-1.40E+00
8.50E+00	-9.30E+01	1.80E+02	-3.66E-02	-1.40E+00
8.52E+00	-9.30E+01	1.80E+02	-9.77E-03	-1.42E+00
8.54E+00	-9.30E+01	1.80E+02	-9.77E-03	-1.42E+00
8.56E+00	-9.30E+01	1.80E+02	-1.71E-02	-1.44E+00
8.58E+00	-9.30E+01	1.80E+02	-1.22E-02	-1.44E+00
8.60E+00	-9.30E+01	1.80E+02	-2.81E-02	-1.44E+00
8.62E+00	-9.30E+01	1.80E+02	-1.22E-02	-1.45E+00
8.64E+00	-9.30E+01	1.81E+02	2.44E-03	-1.46E+00
8.66E+00	-9.30E+01	1.80E+02	-5.13E-02	-1.46E+00
8.68E+00	-9.30E+01	1.80E+02	-2.44E-02	-1.49E+00
8.70E+00	-9.30E+01	1.80E+02	-4.64E-02	-1.47E+00
8.72E+00	-9.30E+01	1.80E+02	-3.17E-02	-1.48E+00
8.74E+00	-9.30E+01	1.81E+02	-4.52E-02	-1.50E+00
8.76E+00	-9.30E+01	1.80E+02	-1.46E-02	-1.49E+00
8.78E+00	-9.30E+01	1.81E+02	-3.66E-02	-1.50E+00
8.80E+00	-9.30E+01	1.80E+02	-2.20E-02	-1.52E+00
8.82E+00	-9.30E+01	1.81E+02	-4.88E-03	-1.51E+00
8.84E+00	-9.30E+01	1.81E+02	-2.81E-02	-1.53E+00
8.86E+00	-9.30E+01	1.80E+02	-7.32E-03	-1.53E+00
8.88E+00	-9.30E+01	1.81E+02	-2.69E-02	-1.54E+00
8.90E+00	-9.30E+01	1.80E+02	-1.22E-02	-1.55E+00
8.92E+00	-9.30E+01	1.81E+02	-1.10E-02	-1.55E+00
8.94E+00	-9.30E+01	1.81E+02	-3.17E-02	-1.57E+00
8.96E+00	-9.30E+01	1.81E+02	2.44E-03	-1.57E+00
8.98E+00	-9.30E+01	1.81E+02	-2.69E-02	-1.57E+00
9.00E+00	-9.30E+01	1.81E+02	-1.83E-02	-1.59E+00
9.02E+00	-9.30E+01	1.81E+02	-1.22E-02	-1.58E+00
9.04E+00	-9.30E+01	1.81E+02	-3.05E-02	-1.61E+00
9.06E+00	-9.30E+01	1.81E+02	3.66E-03	-1.60E+00

9.08E+00	-9.30E+01	1.81E+02	-3.17E-02	-1.60E+00
9.10E+00	-9.30E+01	1.81E+02	-1.95E-02	-1.62E+00
9.12E+00	-9.30E+01	1.81E+02	3.66E-03	-1.62E+00
9.14E+00	-9.30E+01	1.81E+02	-1.83E-02	-1.64E+00
9.16E+00	-9.30E+01	1.81E+02	-1.22E-02	-1.64E+00
9.18E+00	-9.30E+01	1.81E+02	-2.32E-02	-1.64E+00
9.20E+00	-9.30E+01	1.81E+02	-1.46E-02	-1.66E+00
9.22E+00	-9.30E+01	1.81E+02	-1.59E-02	-1.66E+00
9.24E+00	-9.30E+01	1.81E+02	-1.10E-02	-1.67E+00
9.26E+00	-9.30E+01	1.81E+02	-2.44E-03	-1.66E+00
9.28E+00	-9.30E+01	1.82E+02	1.22E-03	-1.67E+00
9.30E+00	-9.30E+01	1.81E+02	0.00E+00	-1.70E+00
9.32E+00	-9.30E+01	1.81E+02	-8.54E-03	-1.70E+00
9.34E+00	-9.30E+01	1.81E+02	-4.64E-02	-1.70E+00
9.36E+00	-9.30E+01	1.81E+02	-4.88E-03	-1.70E+00
9.38E+00	-9.30E+01	1.81E+02	-2.69E-02	-1.72E+00
9.40E+00	-9.30E+01	1.81E+02	-7.32E-03	-1.72E+00
9.42E+00	-9.30E+01	1.81E+02	-1.95E-02	-1.73E+00
9.44E+00	-9.30E+01	1.81E+02	-1.46E-02	-1.74E+00
9.46E+00	-9.30E+01	1.81E+02	-1.95E-02	-1.74E+00
9.48E+00	-9.30E+01	1.81E+02	-2.69E-02	-1.75E+00
9.50E+00	-9.30E+01	1.81E+02	-1.22E-02	-1.75E+00
9.52E+00	-9.30E+01	1.81E+02	-2.44E-02	-1.77E+00
9.54E+00	-9.30E+01	1.81E+02	-8.54E-03	-1.76E+00
9.56E+00	-9.30E+01	1.81E+02	-1.71E-02	-1.77E+00
9.58E+00	-9.30E+01	1.81E+02	-1.46E-02	-1.78E+00
9.60E+00	-9.30E+01	1.81E+02	-1.34E-02	-1.78E+00
9.62E+00	-9.30E+01	1.81E+02	-1.46E-02	-1.80E+00
9.64E+00	-9.30E+01	1.81E+02	-3.66E-03	-1.80E+00
9.66E+00	-9.30E+01	1.82E+02	-1.46E-02	-1.81E+00
9.68E+00	-9.30E+01	1.81E+02	-1.95E-02	-1.81E+00
9.70E+00	-9.30E+01	1.81E+02	-9.77E-03	-1.82E+00
9.72E+00	-9.30E+01	1.81E+02	-7.32E-03	-1.83E+00
9.74E+00	-9.30E+01	1.82E+02	-1.71E-02	-1.83E+00
9.76E+00	-9.30E+01	1.82E+02	-3.42E-02	-1.85E+00
9.78E+00	-9.30E+01	1.81E+02	-1.22E-02	-1.84E+00
9.80E+00	-9.30E+01	1.82E+02	-2.69E-02	-1.87E+00
9.82E+00	-9.30E+01	1.82E+02	-9.77E-03	-1.87E+00
9.84E+00	-9.30E+01	1.82E+02	-4.39E-02	-1.87E+00
9.86E+00	-9.30E+01	1.81E+02	-1.95E-02	-1.89E+00
9.88E+00	-9.30E+01	1.82E+02	-1.46E-02	-1.88E+00
9.90E+00	-9.30E+01	1.82E+02	2.44E-03	-1.90E+00
9.92E+00	-9.30E+01	1.82E+02	-1.22E-03	-1.88E+00
9.94E+00	-9.30E+01	1.82E+02	-3.05E-02	-1.93E+00
9.96E+00	-9.30E+01	1.82E+02	-2.32E-02	-1.92E+00
9.98E+00	-9.30E+01	1.82E+02	-2.44E-03	-1.91E+00
1.00E+01	-9.30E+01	1.82E+02	-1.59E-02	-1.92E+00

1.00E+01	-9.30E+01	1.82E+02	0.00E+00	-1.93E+00
1.00E+01	-9.30E+01	1.82E+02	-2.20E-02	-1.95E+00
1.01E+01	-9.30E+01	1.82E+02	-9.77E-03	-1.95E+00
1.01E+01	-9.30E+01	1.82E+02	-1.71E-02	-1.95E+00
1.01E+01	-9.30E+01	1.82E+02	-2.20E-02	-1.97E+00
1.01E+01	-9.30E+01	1.82E+02	-6.10E-03	-1.96E+00
1.01E+01	-9.30E+01	1.82E+02	-2.69E-02	-1.98E+00
1.02E+01	-9.30E+01	1.82E+02	-1.10E-02	-1.98E+00
1.02E+01	-9.30E+01	1.82E+02	-2.69E-02	-1.99E+00
1.02E+01	-9.30E+01	1.82E+02	-1.22E-02	-2.00E+00
1.02E+01	-9.30E+01	1.82E+02	-2.93E-02	-2.00E+00
1.02E+01	-9.30E+01	1.82E+02	-1.95E-02	-2.02E+00
1.03E+01	-9.30E+01	1.82E+02	-4.88E-03	-2.01E+00
1.03E+01	-9.30E+01	1.82E+02	-2.20E-02	-2.02E+00
1.03E+01	-9.30E+01	1.82E+02	-9.77E-03	-2.04E+00
1.03E+01	-9.30E+01	1.83E+02	-7.32E-03	-2.03E+00
1.03E+01	-9.30E+01	1.82E+02	-2.20E-02	-2.05E+00
1.04E+01	-9.30E+01	1.83E+02	-2.44E-03	-2.05E+00
1.04E+01	-9.30E+01	1.83E+02	-2.20E-02	-2.07E+00
1.04E+01	-9.30E+01	1.83E+02	-1.71E-02	-2.06E+00
1.04E+01	-9.30E+01	1.83E+02	-1.71E-02	-2.08E+00
1.04E+01	-9.30E+01	1.83E+02	-1.71E-02	-2.09E+00
1.05E+01	-9.30E+01	1.83E+02	-7.32E-03	-2.08E+00
1.05E+01	-9.30E+01	1.83E+02	-6.10E-03	-2.09E+00
1.05E+01	-9.30E+01	1.83E+02	-7.32E-03	-2.10E+00
1.05E+01	-9.30E+01	1.83E+02	-2.20E-02	-2.11E+00
1.05E+01	-9.30E+01	1.83E+02	-2.20E-02	-2.11E+00
1.06E+01	-9.30E+01	1.83E+02	-3.91E-02	-2.12E+00
1.06E+01	-9.30E+01	1.83E+02	-1.46E-02	-2.13E+00
1.06E+01	-9.30E+01	1.83E+02	-2.20E-02	-2.13E+00
1.06E+01	-9.30E+01	1.83E+02	-1.46E-02	-2.14E+00
1.06E+01	-9.30E+01	1.83E+02	2.08E-02	-2.13E+00
1.07E+01	-9.30E+01	1.83E+02	0.00E+00	-2.16E+00
1.07E+01	-9.30E+01	1.83E+02	1.22E-03	-2.17E+00
1.07E+01	-9.30E+01	1.83E+02	-5.13E-02	-2.18E+00
1.07E+01	-9.30E+01	1.83E+02	1.46E-02	-2.16E+00
1.07E+01	-9.30E+01	1.84E+02	-3.42E-02	-2.19E+00
1.08E+01	-9.30E+01	1.83E+02	-2.81E-02	-2.19E+00
1.08E+01	-9.30E+01	1.84E+02	-1.95E-02	-2.20E+00
1.08E+01	-9.30E+01	1.83E+02	-1.46E-02	-2.21E+00
1.08E+01	-9.30E+01	1.84E+02	-1.71E-02	-2.21E+00
1.08E+01	-9.30E+01	1.83E+02	-2.08E-02	-2.22E+00
1.09E+01	-9.30E+01	1.84E+02	-4.88E-03	-2.22E+00
1.09E+01	-9.30E+01	1.84E+02	-3.30E-02	-2.24E+00
1.09E+01	-9.30E+01	1.83E+02	0.00E+00	-2.24E+00
1.09E+01	-9.30E+01	1.84E+02	-2.44E-02	-2.24E+00
1.09E+01	-9.30E+01	1.83E+02	-8.54E-03	-2.25E+00

1.10E+01	-9.30E+01	1.84E+02	-2.20E-02	-2.26E+00
1.10E+01	-9.30E+01	1.84E+02	-9.77E-03	-2.27E+00
1.10E+01	-9.30E+01	1.84E+02	-2.93E-02	-2.27E+00
1.10E+01	-9.30E+01	1.83E+02	-1.22E-02	-2.29E+00
1.10E+01	-9.30E+01	1.84E+02	-1.71E-02	-2.28E+00
1.11E+01	-9.30E+01	1.84E+02	-2.44E-02	-2.31E+00
1.11E+01	-9.30E+01	1.84E+02	-9.77E-03	-2.30E+00
1.11E+01	-9.30E+01	1.84E+02	-2.69E-02	-2.31E+00
1.11E+01	-9.30E+01	1.83E+02	-1.22E-02	-2.32E+00
1.11E+01	-9.30E+01	1.84E+02	-7.32E-03	-2.32E+00
1.12E+01	-9.30E+01	1.84E+02	-2.32E-02	-2.33E+00
1.12E+01	-9.30E+01	1.83E+02	-4.88E-03	-2.33E+00
1.12E+01	-9.30E+01	1.84E+02	-2.44E-02	-2.35E+00
1.12E+01	-9.30E+01	1.84E+02	-7.32E-03	-2.35E+00
1.12E+01	-9.30E+01	1.84E+02	-2.08E-02	-2.35E+00
1.13E+01	-9.30E+01	1.84E+02	-1.22E-02	-2.37E+00
1.13E+01	-9.30E+01	1.84E+02	-1.22E-02	-2.36E+00
1.13E+01	-9.30E+01	1.84E+02	-2.20E-02	-2.38E+00
1.13E+01	-9.30E+01	1.84E+02	3.66E-03	-2.38E+00
1.13E+01	-9.30E+01	1.84E+02	-2.93E-02	-2.39E+00
1.14E+01	-9.30E+01	1.84E+02	2.44E-03	-2.40E+00
1.14E+01	-9.30E+01	1.84E+02	-3.91E-02	-2.41E+00
1.14E+01	-9.30E+01	1.84E+02	-1.46E-02	-2.42E+00
1.14E+01	-9.30E+01	1.84E+02	-2.44E-03	-2.42E+00
1.14E+01	-9.30E+01	1.84E+02	-7.32E-03	-2.43E+00
1.15E+01	-9.30E+01	1.84E+02	-4.88E-03	-2.44E+00
1.15E+01	-9.30E+01	1.84E+02	-2.20E-02	-2.44E+00
1.15E+01	-9.30E+01	1.84E+02	-2.69E-02	-2.45E+00
1.15E+01	-9.30E+01	1.84E+02	-1.46E-02	-2.44E+00
1.15E+01	-9.30E+01	1.84E+02	-2.20E-02	-2.47E+00
1.16E+01	-9.30E+01	1.84E+02	-1.34E-02	-2.47E+00
1.16E+01	-9.30E+01	1.84E+02	-1.95E-02	-2.49E+00
1.16E+01	-9.30E+01	1.84E+02	-1.71E-02	-2.49E+00
1.16E+01	-9.30E+01	1.84E+02	-2.08E-02	-2.48E+00
1.16E+01	-9.30E+01	1.84E+02	-1.22E-02	-2.50E+00
1.17E+01	-9.30E+01	1.84E+02	-4.88E-03	-2.50E+00
1.17E+01	-9.30E+01	1.84E+02	-2.69E-02	-2.52E+00
1.17E+01	-9.30E+01	1.84E+02	-4.88E-03	-2.52E+00
1.17E+01	-9.30E+01	1.84E+02	-3.17E-02	-2.51E+00
1.17E+01	-9.30E+01	1.85E+02	-4.39E-02	-2.53E+00
1.18E+01	-9.30E+01	1.85E+02	-3.17E-02	-2.54E+00
1.18E+01	-9.30E+01	1.84E+02	-4.88E-02	-2.56E+00
1.18E+01	-9.30E+01	1.85E+02	-4.64E-02	-2.55E+00
1.18E+01	-9.30E+01	1.85E+02	-2.69E-02	-2.55E+00
1.18E+01	-9.30E+01	1.85E+02	-2.44E-03	-2.56E+00
1.19E+01	-9.30E+01	1.84E+02	-4.27E-02	-2.58E+00
1.19E+01	-9.30E+01	1.85E+02	-1.59E-02	-2.58E+00

1.19E+01	-9.30E+01	1.85E+02	-2.20E-02	-2.57E+00
1.19E+01	-9.30E+01	1.85E+02	-4.88E-02	-2.60E+00
1.19E+01	-9.30E+01	1.84E+02	-7.32E-03	-2.60E+00
1.20E+01	-9.30E+01	1.85E+02	-2.20E-02	-2.61E+00
1.20E+01	-9.30E+01	1.84E+02	-1.59E-02	-2.62E+00
1.20E+01	-9.30E+01	1.85E+02	-7.32E-03	-2.62E+00
1.20E+01	-9.30E+01	1.85E+02	-2.44E-02	-2.63E+00
1.20E+01	-9.30E+01	1.85E+02	0.00E+00	-2.64E+00
1.21E+01	-9.30E+01	1.85E+02	-2.08E-02	-2.64E+00
1.21E+01	-9.30E+01	1.84E+02	-2.32E-02	-2.66E+00
1.21E+01	-9.30E+01	1.85E+02	-9.77E-03	-2.65E+00
1.21E+01	-9.30E+01	1.85E+02	-3.05E-02	-2.67E+00
1.21E+01	-9.30E+01	1.85E+02	3.66E-03	-2.67E+00
1.22E+01	-9.30E+01	1.85E+02	-3.30E-02	-2.67E+00
1.22E+01	-9.30E+01	1.84E+02	-1.59E-02	-2.69E+00
1.22E+01	-9.30E+01	1.85E+02	-9.77E-03	-2.69E+00
1.22E+01	-9.30E+01	1.85E+02	-2.93E-02	-2.71E+00
1.22E+01	-9.30E+01	1.85E+02	0.00E+00	-2.70E+00
1.23E+01	-9.30E+01	1.85E+02	-3.30E-02	-2.71E+00
1.23E+01	-9.30E+01	1.85E+02	-1.22E-03	-2.72E+00
1.23E+01	-9.30E+01	1.85E+02	-1.95E-02	-2.72E+00
1.23E+01	-9.30E+01	1.85E+02	-2.08E-02	-2.74E+00
1.23E+01	-9.30E+01	1.85E+02	-9.77E-03	-2.73E+00
1.24E+01	-9.30E+01	1.85E+02	-2.93E-02	-2.75E+00
1.24E+01	-9.30E+01	1.84E+02	-6.10E-03	-2.75E+00
1.24E+01	-9.30E+01	1.85E+02	-3.17E-02	-2.76E+00
1.24E+01	-9.30E+01	1.85E+02	-2.44E-03	-2.77E+00
1.24E+01	-9.30E+01	1.85E+02	-2.44E-02	-2.78E+00
1.25E+01	-9.30E+01	1.84E+02	-7.32E-03	-2.78E+00
1.25E+01	-9.30E+01	1.84E+02	-3.42E-02	-2.80E+00
1.25E+01	-9.30E+01	1.84E+02	0.00E+00	-2.79E+00
1.25E+01	-9.30E+01	1.85E+02	-3.66E-02	-2.80E+00
1.25E+01	-9.30E+01	1.84E+02	-4.88E-03	-2.82E+00
1.26E+01	-9.30E+01	1.84E+02	-1.22E-02	-2.81E+00
1.26E+01	-9.30E+01	1.85E+02	-1.34E-02	-2.83E+00
1.26E+01	-9.30E+01	1.85E+02	-1.71E-02	-2.83E+00
1.26E+01	-9.30E+01	1.85E+02	-3.42E-02	-2.84E+00
1.26E+01	-9.30E+01	1.85E+02	-2.44E-03	-2.85E+00
1.27E+01	-9.30E+01	1.85E+02	-2.69E-02	-2.85E+00
1.27E+01	-9.30E+01	1.84E+02	-1.46E-02	-2.87E+00
1.27E+01	-9.30E+01	1.85E+02	-1.22E-02	-2.86E+00
1.27E+01	-9.30E+01	1.84E+02	-2.69E-02	-2.88E+00
1.27E+01	-9.30E+01	1.85E+02	-2.44E-03	-2.88E+00
1.28E+01	-9.30E+01	1.85E+02	-3.05E-02	-2.89E+00
1.28E+01	-9.30E+01	1.85E+02	-1.22E-03	-2.90E+00
1.28E+01	-9.30E+01	1.85E+02	-2.20E-02	-2.89E+00
1.28E+01	-9.30E+01	1.85E+02	-2.44E-02	-2.92E+00

1.28E+01	-9.30E+01	1.85E+02	-9.77E-03	-2.91E+00
1.29E+01	-9.30E+01	1.85E+02	-2.69E-02	-2.93E+00
1.29E+01	-9.30E+01	1.85E+02	-4.88E-03	-2.93E+00
1.29E+01	-9.30E+01	1.85E+02	-3.66E-02	-2.94E+00
1.29E+01	-9.30E+01	1.85E+02	-3.66E-03	-2.95E+00
1.29E+01	-9.30E+01	1.85E+02	-1.95E-02	-2.95E+00
1.30E+01	-9.30E+01	1.85E+02	-1.22E-02	-2.96E+00
1.30E+01	-9.30E+01	1.85E+02	-1.95E-02	-2.96E+00
1.30E+01	-9.30E+01	1.85E+02	-9.77E-03	-2.97E+00
1.30E+01	-9.30E+01	1.85E+02	-2.32E-02	-2.97E+00
1.30E+01	-9.30E+01	1.85E+02	-1.46E-02	-2.99E+00
1.31E+01	-9.30E+01	1.85E+02	-1.34E-02	-2.98E+00
1.31E+01	-9.30E+01	1.85E+02	-2.20E-02	-3.01E+00
1.31E+01	-9.30E+01	1.85E+02	-1.59E-02	-3.01E+00
1.31E+01	-9.30E+01	1.85E+02	-2.20E-02	-3.01E+00
1.31E+01	-9.30E+01	1.85E+02	-1.46E-02	-3.02E+00
1.32E+01	-9.30E+01	1.85E+02	-1.46E-02	-3.02E+00
1.32E+01	-9.30E+01	1.85E+02	-2.56E-02	-3.04E+00
1.32E+01	-9.30E+01	1.85E+02	-7.32E-03	-3.04E+00
1.32E+01	-9.30E+01	1.85E+02	-1.95E-02	-3.05E+00
1.32E+01	-9.30E+01	1.85E+02	-1.46E-02	-3.06E+00
1.33E+01	-9.30E+01	1.85E+02	-1.22E-02	-3.06E+00
1.33E+01	-9.30E+01	1.85E+02	-3.17E-02	-3.07E+00
1.33E+01	-9.30E+01	1.85E+02	-4.88E-03	-3.07E+00
1.33E+01	-9.30E+01	1.85E+02	-2.20E-02	-3.09E+00
1.33E+01	-9.30E+01	1.85E+02	-3.66E-03	-3.08E+00
1.34E+01	-9.30E+01	1.85E+02	-2.44E-02	-3.10E+00
1.34E+01	-9.30E+01	1.85E+02	-2.20E-02	-3.11E+00
1.34E+01	-9.30E+01	1.85E+02	-1.10E-02	-3.11E+00
1.34E+01	-9.30E+01	1.85E+02	-2.81E-02	-3.12E+00
1.34E+01	-9.30E+01	1.85E+02	0.00E+00	-3.12E+00
1.35E+01	-9.30E+01	1.86E+02	-2.44E-02	-3.13E+00
1.35E+01	-9.30E+01	1.85E+02	-1.46E-02	-3.14E+00
1.35E+01	-9.30E+01	1.85E+02	-1.95E-02	-3.14E+00
1.35E+01	-9.30E+01	1.85E+02	-2.44E-02	-3.16E+00
1.35E+01	-9.30E+01	1.85E+02	-6.10E-03	-3.15E+00
1.36E+01	-9.30E+01	1.85E+02	-1.83E-02	-3.18E+00
1.36E+01	-9.30E+01	1.85E+02	-9.77E-03	-3.17E+00
1.36E+01	-9.30E+01	1.86E+02	-2.20E-02	-3.19E+00
1.36E+01	-9.30E+01	1.85E+02	-9.77E-03	-3.19E+00
1.36E+01	-9.30E+01	1.86E+02	-2.56E-02	-3.20E+00
1.37E+01	-9.30E+01	1.85E+02	-8.54E-03	-3.21E+00
1.37E+01	-9.30E+01	1.86E+02	-2.32E-02	-3.21E+00
1.37E+01	-9.30E+01	1.86E+02	-2.20E-02	-3.23E+00
1.37E+01	-9.30E+01	1.85E+02	-1.10E-02	-3.22E+00
1.37E+01	-9.30E+01	1.86E+02	-2.44E-02	-3.24E+00
1.38E+01	-9.30E+01	1.85E+02	-7.32E-03	-3.24E+00

1.38E+01	-9.30E+01	1.86E+02	-3.54E-02	-3.25E+00
1.38E+01	-9.30E+01	1.86E+02	-7.32E-03	-3.26E+00
1.38E+01	-9.30E+01	1.86E+02	-1.71E-02	-3.25E+00
1.38E+01	-9.30E+01	1.86E+02	-1.95E-02	-3.27E+00
1.39E+01	-9.30E+01	1.86E+02	-3.66E-03	-3.26E+00
1.39E+01	-9.30E+01	1.86E+02	-2.69E-02	-3.28E+00
1.39E+01	-9.30E+01	1.85E+02	-8.54E-03	-3.29E+00
1.39E+01	-9.30E+01	1.86E+02	-1.46E-02	-3.29E+00
1.39E+01	-9.30E+01	1.86E+02	-1.95E-02	-3.31E+00
1.40E+01	-9.30E+01	1.85E+02	-7.32E-03	-3.30E+00
1.40E+01	-9.30E+01	1.85E+02	-2.56E-02	-3.32E+00
1.40E+01	-9.30E+01	1.86E+02	-9.77E-03	-3.33E+00
1.40E+01	-9.30E+01	1.86E+02	-2.44E-02	-3.33E+00
1.40E+01	-9.30E+01	1.85E+02	-1.10E-02	-3.34E+00
1.41E+01	-9.30E+01	1.86E+02	-6.10E-03	-3.34E+00
1.41E+01	-9.30E+01	1.86E+02	-2.81E-02	-3.36E+00
1.41E+01	-9.30E+01	1.86E+02	-1.83E-02	-3.35E+00
1.41E+01	-9.30E+01	1.86E+02	-2.08E-02	-3.37E+00
1.41E+01	-9.30E+01	1.85E+02	-9.77E-03	-3.37E+00
1.42E+01	-9.30E+01	1.86E+02	-9.77E-03	-3.37E+00
1.42E+01	-9.30E+01	1.85E+02	-3.17E-02	-3.39E+00
1.42E+01	-9.30E+01	1.86E+02	-2.44E-03	-3.39E+00
1.42E+01	-9.30E+01	1.85E+02	-1.95E-02	-3.40E+00
1.42E+01	-9.30E+01	1.85E+02	-2.44E-03	-3.40E+00
1.43E+01	-9.30E+01	1.86E+02	-3.17E-02	-3.42E+00
1.43E+01	-9.30E+01	1.85E+02	-1.46E-02	-3.42E+00
1.43E+01	-9.30E+01	1.85E+02	-2.20E-02	-3.43E+00
1.43E+01	-9.30E+01	1.85E+02	-1.46E-02	-3.44E+00
1.43E+01	-9.30E+01	1.85E+02	-8.54E-03	-3.44E+00
1.44E+01	-9.30E+01	1.85E+02	-2.93E-02	-3.46E+00
1.44E+01	-9.30E+01	1.85E+02	-3.66E-03	-3.45E+00
1.44E+01	-9.30E+01	1.85E+02	-3.66E-02	-3.47E+00
1.44E+01	-9.30E+01	1.85E+02	-7.32E-03	-3.48E+00
1.44E+01	-9.30E+01	1.85E+02	-3.42E-02	-3.47E+00
1.45E+01	-9.30E+01	1.85E+02	-1.46E-02	-3.49E+00
1.45E+01	-9.30E+01	1.85E+02	-1.10E-02	-3.48E+00
1.45E+01	-9.30E+01	1.85E+02	-1.95E-02	-3.51E+00
1.45E+01	-9.30E+01	1.85E+02	-3.66E-03	-3.50E+00
1.45E+01	-9.30E+01	1.85E+02	-2.69E-02	-3.52E+00
1.46E+01	-9.30E+01	1.86E+02	-7.32E-03	-3.52E+00
1.46E+01	-9.30E+01	1.85E+02	-2.08E-02	-3.53E+00
1.46E+01	-9.30E+01	1.85E+02	-1.46E-02	-3.52E+00
1.46E+01	-9.30E+01	1.85E+02	-3.05E-02	-3.55E+00
1.46E+01	-9.30E+01	1.85E+02	-7.32E-03	-3.54E+00
1.47E+01	-9.30E+01	1.85E+02	-3.05E-02	-3.55E+00
1.47E+01	-9.30E+01	1.85E+02	-9.77E-03	-3.56E+00
1.47E+01	-9.30E+01	1.85E+02	-1.46E-02	-3.57E+00

1.47E+01	-9.30E+01	1.85E+02	-2.93E-02	-3.58E+00
1.47E+01	-9.30E+01	1.85E+02	-1.46E-02	-3.58E+00
1.48E+01	-9.30E+01	1.85E+02	-2.69E-02	-3.59E+00
1.48E+01	-9.30E+01	1.85E+02	-1.46E-02	-3.59E+00
1.48E+01	-9.30E+01	1.85E+02	-3.42E-02	-3.61E+00
1.48E+01	-9.30E+01	1.85E+02	-8.54E-03	-3.61E+00
1.48E+01	-9.30E+01	1.85E+02	-2.44E-02	-3.62E+00
1.49E+01	-9.30E+01	1.85E+02	-1.83E-02	-3.62E+00
1.49E+01	-9.30E+01	1.85E+02	-3.17E-02	-3.64E+00
1.49E+01	-9.30E+01	1.84E+02	-9.77E-03	-3.63E+00
1.49E+01	-9.30E+01	1.84E+02	-1.71E-02	-3.64E+00
1.49E+01	-9.30E+01	1.84E+02	-1.22E-03	-3.65E+00
1.50E+01	-9.30E+01	1.85E+02	-2.44E-02	-3.66E+00
1.50E+01	-9.30E+01	1.84E+02	-1.59E-02	-3.67E+00
1.50E+01	-9.30E+01	1.85E+02	-2.44E-03	-3.66E+00
1.50E+01	-9.30E+01	1.84E+02	-2.44E-02	-3.69E+00
1.50E+01	-9.30E+01	1.84E+02	-6.10E-03	-3.68E+00
1.51E+01	-9.30E+01	1.84E+02	-3.66E-02	-3.70E+00
1.51E+01	-9.30E+01	1.84E+02	4.88E-03	-3.70E+00
1.51E+01	-9.30E+01	1.84E+02	-2.56E-02	-3.71E+00
1.51E+01	-9.30E+01	1.84E+02	-1.10E-02	-3.72E+00
1.51E+01	-9.30E+01	1.84E+02	-1.71E-02	-3.72E+00
1.52E+01	-9.30E+01	1.84E+02	-1.83E-02	-3.73E+00
1.52E+01	-9.30E+01	1.84E+02	-9.77E-03	-3.73E+00
1.52E+01	-9.30E+01	1.84E+02	-2.93E-02	-3.74E+00
1.52E+01	-9.30E+01	1.84E+02	0.00E+00	-3.75E+00
1.52E+01	-9.30E+01	1.84E+02	-2.69E-02	-3.76E+00
1.53E+01	-9.30E+01	1.84E+02	-1.59E-02	-3.76E+00
1.53E+01	-9.30E+01	1.84E+02	-2.44E-02	-3.78E+00
1.53E+01	-9.30E+01	1.84E+02	-1.22E-02	-3.77E+00
1.53E+01	-9.30E+01	1.84E+02	-1.95E-02	-3.79E+00
1.53E+01	-9.30E+01	1.84E+02	-1.59E-02	-3.79E+00
1.54E+01	-9.30E+01	1.84E+02	-1.95E-02	-3.80E+00
1.54E+01	-9.30E+01	1.84E+02	-1.22E-02	-3.80E+00
1.54E+01	-9.30E+01	1.84E+02	-2.20E-02	-3.82E+00
1.54E+01	-9.30E+01	1.84E+02	-1.22E-02	-3.81E+00
1.54E+01	-9.30E+01	1.84E+02	-2.69E-02	-3.83E+00
1.55E+01	-9.30E+01	1.84E+02	-4.88E-03	-3.83E+00
1.55E+01	-9.30E+01	1.84E+02	-2.69E-02	-3.84E+00
1.55E+01	-9.30E+01	1.84E+02	0.00E+00	-3.84E+00
1.55E+01	-9.30E+01	1.84E+02	-1.95E-02	-3.86E+00
1.55E+01	-9.30E+01	1.84E+02	-9.77E-03	-3.86E+00
1.56E+01	-9.30E+01	1.84E+02	-2.93E-02	-3.87E+00
1.56E+01	-9.30E+01	1.84E+02	-2.44E-03	-3.87E+00
1.56E+01	-9.30E+01	1.84E+02	-3.17E-02	-3.88E+00
1.56E+01	-9.30E+01	1.84E+02	-6.10E-03	-3.89E+00
1.56E+01	-9.30E+01	1.84E+02	-2.32E-02	-3.89E+00

1.57E+01	-9.30E+01	1.83E+02	-1.22E-02	-3.90E+00
1.57E+01	-9.30E+01	1.84E+02	-1.71E-02	-3.91E+00
1.57E+01	-9.30E+01	1.84E+02	-1.71E-02	-3.92E+00
1.57E+01	-9.30E+01	1.84E+02	-1.22E-02	-3.92E+00
1.57E+01	-9.30E+01	1.84E+02	-1.95E-02	-3.93E+00
1.58E+01	-9.30E+01	1.84E+02	-1.22E-02	-3.93E+00
1.58E+01	-9.30E+01	1.84E+02	-2.44E-02	-3.95E+00
1.58E+01	-9.30E+01	1.84E+02	-9.77E-03	-3.94E+00
1.58E+01	-9.30E+01	1.84E+02	-2.56E-02	-3.97E+00
1.58E+01	-9.30E+01	1.84E+02	-3.66E-03	-3.96E+00
1.59E+01	-9.30E+01	1.84E+02	-3.66E-02	-3.97E+00
1.59E+01	-9.30E+01	1.84E+02	-4.88E-03	-3.98E+00
1.59E+01	-9.30E+01	1.84E+02	-2.44E-02	-3.99E+00
1.59E+01	-9.30E+01	1.84E+02	-1.22E-02	-3.99E+00
1.59E+01	-9.30E+01	1.84E+02	-1.95E-02	-4.00E+00
1.60E+01	-9.30E+01	1.84E+02	-1.22E-02	-4.01E+00
1.60E+01	-9.30E+01	1.84E+02	-2.56E-02	-4.01E+00
1.60E+01	-9.30E+01	1.84E+02	-9.77E-03	-4.03E+00
1.60E+01	-9.30E+01	1.84E+02	-1.95E-02	-4.02E+00
1.60E+01	-9.30E+01	1.83E+02	-1.95E-02	-4.04E+00
1.61E+01	-9.30E+01	1.84E+02	-7.32E-03	-4.04E+00
1.61E+01	-9.30E+01	1.84E+02	-3.17E-02	-4.06E+00
1.61E+01	-9.30E+01	1.83E+02	1.22E-03	-4.06E+00
1.61E+01	-9.30E+01	1.83E+02	-1.46E-02	-4.06E+00
1.61E+01	-9.30E+01	1.83E+02	-2.93E-02	-4.06E+00
1.62E+01	-9.30E+01	1.84E+02	-1.46E-02	-4.08E+00
1.62E+01	-9.30E+01	1.84E+02	-3.91E-02	-4.09E+00
1.62E+01	-9.30E+01	1.84E+02	-2.69E-02	-4.09E+00
1.62E+01	-9.30E+01	1.83E+02	-3.17E-02	-4.09E+00
1.62E+01	-9.30E+01	1.84E+02	1.71E-02	-4.11E+00
1.63E+01	-9.30E+01	1.84E+02	-4.39E-02	-4.12E+00
1.63E+01	-9.30E+01	1.84E+02	-2.08E-02	-4.14E+00
1.63E+01	-9.30E+01	1.84E+02	-4.03E-02	-4.12E+00
1.63E+01	-9.30E+01	1.84E+02	-1.22E-02	-4.15E+00
1.63E+01	-9.30E+01	1.84E+02	-6.10E-03	-4.12E+00
1.64E+01	-9.30E+01	1.84E+02	-2.44E-03	-4.15E+00
1.64E+01	-9.30E+01	1.84E+02	-3.78E-02	-4.17E+00
1.64E+01	-9.30E+01	1.83E+02	-1.34E-02	-4.17E+00
1.64E+01	-9.30E+01	1.84E+02	-1.34E-02	-4.17E+00
1.64E+01	-9.30E+01	1.84E+02	-2.20E-02	-4.17E+00
1.65E+01	-9.30E+01	1.84E+02	-1.46E-02	-4.17E+00
1.65E+01	-9.30E+01	1.84E+02	3.66E-03	-4.18E+00
1.65E+01	-9.30E+01	1.84E+02	-3.30E-02	-4.19E+00
1.65E+01	-9.30E+01	1.84E+02	-2.44E-03	-4.21E+00
1.65E+01	-9.30E+01	1.84E+02	-5.74E-02	-4.23E+00
1.66E+01	-9.30E+01	1.84E+02	-2.93E-02	-4.22E+00
1.66E+01	-9.30E+01	1.84E+02	-3.17E-02	-4.22E+00

1.66E+01	-9.30E+01	1.84E+02	7.32E-03	-4.22E+00
1.66E+01	-9.30E+01	1.84E+02	-7.32E-03	-4.22E+00
1.66E+01	-9.30E+01	1.84E+02	1.34E-02	-4.24E+00
1.67E+01	-9.30E+01	1.84E+02	-6.71E-02	-4.27E+00
1.67E+01	-9.30E+01	1.84E+02	2.44E-03	-4.27E+00
1.67E+01	-9.30E+01	1.84E+02	-4.15E-02	-4.27E+00
1.67E+01	-9.30E+01	1.84E+02	-7.32E-03	-4.28E+00
1.67E+01	-9.30E+01	1.84E+02	-1.46E-02	-4.28E+00
1.68E+01	-9.30E+01	1.84E+02	-2.44E-03	-4.30E+00
1.68E+01	-9.30E+01	1.84E+02	2.44E-03	-4.29E+00
1.68E+01	-9.30E+01	1.84E+02	-1.83E-02	-4.31E+00
1.68E+01	-9.30E+01	1.84E+02	-2.44E-03	-4.30E+00
1.68E+01	-9.30E+01	1.84E+02	-3.42E-02	-4.33E+00
1.69E+01	-9.30E+01	1.84E+02	-7.32E-03	-4.32E+00
1.69E+01	-9.30E+01	1.84E+02	-3.66E-02	-4.33E+00
1.69E+01	-9.30E+01	1.84E+02	-9.77E-03	-4.34E+00
1.69E+01	-9.30E+01	1.84E+02	-3.54E-02	-4.34E+00
1.69E+01	-9.30E+01	1.84E+02	-1.83E-02	-4.36E+00
1.70E+01	-9.30E+01	1.84E+02	2.44E-03	-4.35E+00
1.70E+01	-9.30E+01	1.84E+02	-1.46E-02	-4.37E+00
1.70E+01	-9.30E+01	1.84E+02	-1.22E-02	-4.36E+00
1.70E+01	-9.30E+01	1.84E+02	-3.17E-02	-4.38E+00
1.70E+01	-9.30E+01	1.84E+02	-1.83E-02	-4.38E+00
1.71E+01	-9.30E+01	1.84E+02	-2.20E-02	-4.40E+00
1.71E+01	-9.30E+01	1.84E+02	-2.44E-02	-4.40E+00
1.71E+01	-9.30E+01	1.84E+02	-1.22E-02	-4.40E+00
1.71E+01	-9.30E+01	1.85E+02	-2.56E-02	-4.42E+00
1.71E+01	-9.30E+01	1.84E+02	-1.46E-02	-4.42E+00
1.72E+01	-9.30E+01	1.84E+02	-1.46E-02	-4.42E+00
1.72E+01	-9.30E+01	1.84E+02	-9.77E-03	-4.44E+00
1.72E+01	-9.30E+01	1.85E+02	-2.20E-02	-4.44E+00
1.72E+01	-9.30E+01	1.84E+02	-1.59E-02	-4.45E+00
1.72E+01	-9.30E+01	1.85E+02	-2.08E-02	-4.46E+00
1.73E+01	-9.30E+01	1.84E+02	-3.54E-02	-4.47E+00
1.73E+01	-9.30E+01	1.84E+02	0.00E+00	-4.46E+00
1.73E+01	-9.30E+01	1.84E+02	-2.44E-02	-4.48E+00
1.73E+01	-9.30E+01	1.84E+02	-9.77E-03	-4.48E+00
1.73E+01	-9.30E+01	1.85E+02	-2.69E-02	-4.49E+00
1.74E+01	-9.30E+01	1.84E+02	-8.54E-03	-4.50E+00
1.74E+01	-9.30E+01	1.85E+02	-3.17E-02	-4.51E+00
1.74E+01	-9.30E+01	1.84E+02	-4.88E-03	-4.51E+00
1.74E+01	-9.30E+01	1.85E+02	-2.93E-02	-4.51E+00
1.74E+01	-9.30E+01	1.84E+02	-2.93E-02	-4.54E+00
1.75E+01	-9.30E+01	1.84E+02	-8.54E-03	-4.53E+00
1.75E+01	-9.30E+01	1.85E+02	-2.44E-02	-4.55E+00
1.75E+01	-9.30E+01	1.85E+02	-7.32E-03	-4.55E+00
1.75E+01	-9.30E+01	1.84E+02	-2.44E-02	-4.55E+00

1.75E+01	-9.30E+01	1.85E+02	-1.22E-02	-4.57E+00
1.76E+01	-9.30E+01	1.85E+02	-2.32E-02	-4.56E+00
1.76E+01	-9.30E+01	1.85E+02	-9.77E-03	-4.58E+00
1.76E+01	-9.30E+01	1.85E+02	-1.95E-02	-4.58E+00
1.76E+01	-9.30E+01	1.85E+02	-9.77E-03	-4.59E+00
1.76E+01	-9.30E+01	1.85E+02	-2.44E-02	-4.60E+00
1.77E+01	-9.30E+01	1.85E+02	-3.66E-03	-4.61E+00
1.77E+01	-9.30E+01	1.85E+02	-2.93E-02	-4.61E+00
1.77E+01	-9.30E+01	1.85E+02	-3.66E-03	-4.62E+00
1.77E+01	-9.30E+01	1.85E+02	-2.20E-02	-4.62E+00
1.77E+01	-9.30E+01	1.85E+02	-9.77E-03	-4.64E+00
1.78E+01	-9.30E+01	1.85E+02	-1.46E-02	-4.64E+00
1.78E+01	-9.30E+01	1.85E+02	-3.30E-02	-4.65E+00
1.78E+01	-9.30E+01	1.85E+02	-2.93E-02	-4.67E+00
1.78E+01	-9.30E+01	1.85E+02	-1.83E-02	-4.67E+00
1.78E+01	-9.30E+01	1.85E+02	1.22E-02	-4.66E+00
1.79E+01	-9.30E+01	1.85E+02	-2.44E-03	-4.69E+00
1.79E+01	-9.30E+01	1.85E+02	-2.20E-02	-4.66E+00
1.79E+01	-9.30E+01	1.85E+02	-3.66E-03	-4.70E+00
1.79E+01	-9.30E+01	1.85E+02	-1.71E-02	-4.70E+00
1.79E+01	-9.30E+01	1.85E+02	-5.37E-02	-4.69E+00
1.80E+01	-9.30E+01	1.85E+02	-7.32E-03	-4.71E+00
1.80E+01	-9.30E+01	1.85E+02	-1.46E-02	-4.72E+00
1.80E+01	-9.30E+01	1.85E+02	-1.22E-02	-4.72E+00
1.80E+01	-9.30E+01	1.85E+02	-1.46E-02	-4.73E+00
1.80E+01	-9.30E+01	1.85E+02	-3.30E-02	-4.74E+00
1.81E+01	-9.30E+01	1.85E+02	-9.77E-03	-4.75E+00
1.81E+01	-9.30E+01	1.85E+02	-2.69E-02	-4.76E+00
1.81E+01	-9.30E+01	1.85E+02	-1.95E-02	-4.76E+00
1.81E+01	-9.30E+01	1.86E+02	-2.44E-02	-4.76E+00
1.81E+01	-9.30E+01	1.85E+02	-1.46E-02	-4.77E+00
1.82E+01	-9.30E+01	1.85E+02	4.88E-03	-4.78E+00
1.82E+01	-9.30E+01	1.86E+02	-2.44E-02	-4.79E+00
1.82E+01	-9.30E+01	1.86E+02	-1.22E-02	-4.78E+00
1.82E+01	-9.30E+01	1.86E+02	-2.81E-02	-4.80E+00
1.82E+01	-9.30E+01	1.86E+02	-4.88E-03	-4.80E+00
1.83E+01	-9.30E+01	1.86E+02	-1.83E-02	-4.82E+00
1.83E+01	-9.30E+01	1.85E+02	-9.77E-03	-4.82E+00
1.83E+01	-9.30E+01	1.86E+02	-1.71E-02	-4.83E+00
1.83E+01	-9.30E+01	1.86E+02	-4.88E-03	-4.84E+00
1.83E+01	-9.30E+01	1.86E+02	-2.20E-02	-4.84E+00
1.84E+01	-9.30E+01	1.85E+02	-1.71E-02	-4.86E+00
1.84E+01	-9.30E+01	1.86E+02	-1.46E-02	-4.85E+00
1.84E+01	-9.30E+01	1.85E+02	-2.56E-02	-4.87E+00
1.84E+01	-9.30E+01	1.86E+02	-1.22E-03	-4.87E+00
1.84E+01	-9.30E+01	1.85E+02	-2.93E-02	-4.88E+00
1.85E+01	-9.30E+01	1.86E+02	-9.77E-03	-4.88E+00

1.85E+01	-9.30E+01	1.86E+02	-2.69E-02	-4.89E+00
1.85E+01	-9.30E+01	1.86E+02	-7.32E-03	-4.89E+00
1.85E+01	-9.30E+01	1.86E+02	-2.69E-02	-4.91E+00
1.85E+01	-9.30E+01	1.86E+02	-4.88E-03	-4.91E+00
1.86E+01	-9.30E+01	1.86E+02	-4.52E-02	-4.93E+00
1.86E+01	-9.30E+01	1.86E+02	-7.32E-03	-4.94E+00
1.86E+01	-9.30E+01	1.86E+02	1.22E-03	-4.93E+00
1.86E+01	-9.30E+01	1.86E+02	7.32E-03	-4.93E+00
1.86E+01	-9.30E+01	1.86E+02	-9.77E-03	-4.96E+00
1.87E+01	-9.30E+01	1.86E+02	-4.64E-02	-4.96E+00
1.87E+01	-9.30E+01	1.86E+02	-2.69E-02	-4.97E+00
1.87E+01	-9.30E+01	1.86E+02	-1.59E-02	-4.96E+00
1.87E+01	-9.30E+01	1.86E+02	-2.20E-02	-4.97E+00
1.87E+01	-9.30E+01	1.86E+02	-7.32E-03	-4.98E+00
1.88E+01	-9.30E+01	1.86E+02	9.77E-03	-4.98E+00
1.88E+01	-9.30E+01	1.86E+02	1.10E-02	-5.00E+00
1.88E+01	-9.30E+01	1.86E+02	0.00E+00	-5.00E+00
1.88E+01	-9.30E+01	1.86E+02	-2.20E-02	-5.02E+00
1.88E+01	-9.30E+01	1.86E+02	-2.44E-02	-5.02E+00
1.89E+01	-9.30E+01	1.86E+02	-3.54E-02	-5.02E+00
1.89E+01	-9.30E+01	1.86E+02	-1.95E-02	-5.04E+00
1.89E+01	-9.30E+01	1.87E+02	-2.44E-02	-5.04E+00
1.89E+01	-9.30E+01	1.86E+02	-1.22E-03	-5.05E+00
1.89E+01	-9.30E+01	1.87E+02	-2.20E-02	-5.05E+00
1.90E+01	-9.30E+01	1.86E+02	2.44E-03	-5.06E+00
1.90E+01	-9.30E+01	1.87E+02	-1.71E-02	-5.05E+00
1.90E+01	-9.30E+01	1.86E+02	-2.32E-02	-5.08E+00
1.90E+01	-9.30E+01	1.86E+02	-1.34E-02	-5.07E+00
1.90E+01	-9.30E+01	1.86E+02	-3.66E-02	-5.09E+00
1.91E+01	-9.30E+01	1.86E+02	-7.32E-03	-5.09E+00
1.91E+01	-9.30E+01	1.87E+02	-3.17E-02	-5.10E+00
1.91E+01	-9.30E+01	1.87E+02	-1.46E-02	-5.11E+00
1.91E+01	-9.30E+01	1.87E+02	-1.34E-02	-5.11E+00
1.91E+01	-9.30E+01	1.87E+02	-2.81E-02	-5.13E+00
1.92E+01	-9.30E+01	1.87E+02	-1.95E-02	-5.13E+00
1.92E+01	-9.30E+01	1.87E+02	-2.20E-02	-5.14E+00
1.92E+01	-9.30E+01	1.87E+02	-4.88E-03	-5.14E+00
1.92E+01	-9.30E+01	1.87E+02	-3.17E-02	-5.16E+00
1.92E+01	-9.30E+01	1.87E+02	0.00E+00	-5.16E+00
1.93E+01	-9.30E+01	1.87E+02	-2.69E-02	-5.17E+00
1.93E+01	-9.30E+01	1.87E+02	-1.34E-02	-5.17E+00
1.93E+01	-9.30E+01	1.87E+02	-2.20E-02	-5.18E+00
1.93E+01	-9.30E+01	1.87E+02	-2.20E-02	-5.19E+00
1.93E+01	-9.30E+01	1.87E+02	-7.32E-03	-5.19E+00
1.94E+01	-9.30E+01	1.87E+02	-2.56E-02	-5.21E+00
1.94E+01	-9.30E+01	1.87E+02	-1.22E-02	-5.20E+00
1.94E+01	-9.30E+01	1.87E+02	-2.08E-02	-5.22E+00

1.94E+01	-9.30E+01	1.87E+02	-6.10E-03	-5.22E+00
1.94E+01	-9.30E+01	1.87E+02	-2.44E-02	-5.23E+00
1.95E+01	-9.30E+01	1.87E+02	-8.54E-03	-5.24E+00
1.95E+01	-9.30E+01	1.87E+02	-2.32E-02	-5.24E+00
1.95E+01	-9.30E+01	1.87E+02	-9.77E-03	-5.25E+00
1.95E+01	-9.30E+01	1.87E+02	-1.22E-02	-5.25E+00
1.95E+01	-9.30E+01	1.87E+02	-2.32E-02	-5.27E+00
1.96E+01	-9.30E+01	1.87E+02	-9.77E-03	-5.27E+00
1.96E+01	-9.30E+01	1.87E+02	-2.69E-02	-5.28E+00
1.96E+01	-9.30E+01	1.87E+02	3.17E-02	-5.28E+00
1.96E+01	-9.30E+01	1.87E+02	-2.44E-03	-5.27E+00
1.96E+01	-9.30E+01	1.87E+02	-2.81E-02	-5.30E+00
1.97E+01	-9.30E+01	1.88E+02	1.59E-02	-5.30E+00
1.97E+01	-9.30E+01	1.88E+02	-5.00E-02	-5.34E+00
1.97E+01	-9.30E+01	1.87E+02	1.59E-02	-5.30E+00
1.97E+01	-9.30E+01	1.87E+02	-6.96E-02	-5.34E+00
1.97E+01	-9.30E+01	1.87E+02	9.77E-03	-5.33E+00
1.98E+01	-9.30E+01	1.88E+02	-5.13E-02	-5.33E+00
1.98E+01	-9.30E+01	1.87E+02	-8.54E-03	-5.35E+00
1.98E+01	-9.30E+01	1.88E+02	-2.93E-02	-5.36E+00
1.98E+01	-9.30E+01	1.87E+02	0.00E+00	-5.36E+00
1.98E+01	-9.30E+01	1.88E+02	-2.69E-02	-5.37E+00
1.99E+01	-9.30E+01	1.88E+02	-1.34E-02	-5.39E+00
1.99E+01	-9.30E+01	1.87E+02	-1.22E-03	-5.38E+00
1.99E+01	-9.30E+01	1.88E+02	-1.34E-02	-5.39E+00
1.99E+01	-9.30E+01	1.88E+02	-1.46E-02	-5.40E+00
1.99E+01	-9.30E+01	1.88E+02	-2.20E-02	-5.40E+00
2.00E+01	-9.30E+01	1.88E+02	-7.32E-03	-5.42E+00
2.00E+01	-9.30E+01	1.88E+02	-1.95E-02	-5.42E+00
2.00E+01	-9.30E+01	1.88E+02	-1.59E-02	-5.43E+00
2.00E+01	-9.30E+01	1.88E+02	3.66E-03	-5.42E+00
2.00E+01	-9.30E+01	1.88E+02	-2.56E-02	-5.45E+00
2.01E+01	-9.30E+01	1.88E+02	-7.32E-03	-5.44E+00
2.01E+01	-9.30E+01	1.88E+02	-3.54E-02	-5.46E+00
2.01E+01	-9.30E+01	1.88E+02	-1.22E-02	-5.46E+00
2.01E+01	-9.30E+01	1.88E+02	-2.32E-02	-5.46E+00
2.01E+01	-9.30E+01	1.88E+02	-1.10E-02	-5.48E+00
2.02E+01	-9.30E+01	1.88E+02	-9.77E-03	-5.47E+00
2.02E+01	-9.30E+01	1.88E+02	-2.44E-02	-5.50E+00
2.02E+01	-9.30E+01	1.88E+02	-4.88E-03	-5.49E+00
2.02E+01	-9.30E+01	1.88E+02	-3.17E-02	-5.51E+00
2.02E+01	-9.30E+01	1.88E+02	2.44E-03	-5.51E+00
2.03E+01	-9.30E+01	1.88E+02	-3.42E-02	-5.52E+00
2.03E+01	-9.30E+01	1.88E+02	-7.32E-03	-5.53E+00
2.03E+01	-9.30E+01	1.88E+02	-1.71E-02	-5.53E+00
2.03E+01	-9.30E+01	1.88E+02	-2.44E-02	-5.55E+00
2.03E+01	-9.30E+01	1.88E+02	-4.88E-03	-5.54E+00

2.04E+01	-9.30E+01	1.88E+02	-3.17E-02	-5.56E+00
2.04E+01	-9.30E+01	1.88E+02	2.44E-02	-5.56E+00
2.04E+01	-9.30E+01	1.88E+02	-3.17E-02	-5.56E+00
2.04E+01	-9.30E+01	1.88E+02	-1.71E-02	-5.58E+00
2.04E+01	-9.30E+01	1.89E+02	-1.71E-02	-5.59E+00
2.05E+01	-9.30E+01	1.88E+02	-4.88E-03	-5.59E+00
2.05E+01	-9.30E+01	1.89E+02	-2.20E-02	-5.59E+00
2.05E+01	-9.30E+01	1.88E+02	-1.34E-02	-5.61E+00
2.05E+01	-9.30E+01	1.88E+02	-1.71E-02	-5.61E+00
2.05E+01	-9.30E+01	1.89E+02	-1.22E-02	-5.62E+00
2.06E+01	-9.30E+01	1.89E+02	-3.17E-02	-5.63E+00
2.06E+01	-9.30E+01	1.89E+02	-1.59E-02	-5.63E+00
2.06E+01	-9.30E+01	1.88E+02	-3.66E-02	-5.64E+00
2.06E+01	-9.30E+01	1.89E+02	6.10E-03	-5.64E+00
2.06E+01	-9.30E+01	1.88E+02	-3.42E-02	-5.66E+00
2.07E+01	-9.30E+01	1.89E+02	-1.22E-02	-5.66E+00
2.07E+01	-9.30E+01	1.89E+02	-2.69E-02	-5.67E+00
2.07E+01	-9.30E+01	1.89E+02	-2.44E-03	-5.68E+00
2.07E+01	-9.30E+01	1.89E+02	-3.78E-02	-5.68E+00
2.07E+01	-9.30E+01	1.89E+02	-1.22E-03	-5.69E+00
2.08E+01	-9.30E+01	1.89E+02	-3.66E-02	-5.70E+00
2.08E+01	-9.30E+01	1.89E+02	-4.88E-03	-5.71E+00
2.08E+01	-9.30E+01	1.89E+02	-1.83E-02	-5.71E+00
2.08E+01	-9.30E+01	1.89E+02	-1.83E-02	-5.73E+00
2.08E+01	-9.30E+01	1.89E+02	-9.77E-03	-5.72E+00
2.09E+01	-9.30E+01	1.89E+02	-3.17E-02	-5.74E+00
2.09E+01	-9.30E+01	1.89E+02	-4.88E-03	-5.74E+00
2.09E+01	-9.30E+01	1.89E+02	-3.91E-02	-5.75E+00
2.09E+01	-9.30E+01	1.89E+02	-3.66E-03	-5.75E+00
2.09E+01	-9.30E+01	1.89E+02	-2.69E-02	-5.76E+00
2.10E+01	-9.30E+01	1.89E+02	-1.22E-02	-5.77E+00
2.10E+01	-9.30E+01	1.89E+02	-2.81E-02	-5.78E+00
2.10E+01	-9.30E+01	1.89E+02	-1.22E-02	-5.79E+00
2.10E+01	-9.30E+01	1.89E+02	-4.39E-02	-5.79E+00
2.10E+01	-9.30E+01	1.89E+02	-6.10E-03	-5.80E+00
2.11E+01	-9.30E+01	1.89E+02	-2.81E-02	-5.80E+00
2.11E+01	-9.30E+01	1.89E+02	-7.32E-03	-5.83E+00
2.11E+01	-9.30E+01	1.89E+02	-2.44E-03	-5.81E+00
2.11E+01	-9.30E+01	1.89E+02	-6.71E-02	-5.84E+00
2.11E+01	-9.30E+01	1.89E+02	-1.22E-02	-5.84E+00
2.12E+01	-9.30E+01	1.89E+02	-2.81E-02	-5.84E+00
2.12E+01	-9.30E+01	1.89E+02	3.66E-03	-5.85E+00
2.12E+01	-9.30E+01	1.89E+02	-2.20E-02	-5.86E+00
2.12E+01	-9.30E+01	1.89E+02	-8.54E-03	-5.87E+00
2.12E+01	-9.30E+01	1.89E+02	-2.93E-02	-5.87E+00
2.13E+01	-9.30E+01	1.89E+02	-2.69E-02	-5.88E+00
2.13E+01	-9.30E+01	1.89E+02	-1.46E-02	-5.89E+00

2.13E+01	-9.30E+01	1.89E+02	-9.77E-03	-5.90E+00
2.13E+01	-9.30E+01	1.89E+02	-2.56E-02	-5.90E+00
2.13E+01	-9.30E+01	1.90E+02	-2.56E-02	-5.91E+00
2.14E+01	-9.30E+01	1.89E+02	-1.95E-02	-5.91E+00
2.14E+01	-9.30E+01	1.89E+02	-2.44E-02	-5.93E+00
2.14E+01	-9.30E+01	1.89E+02	-9.77E-03	-5.92E+00
2.14E+01	-9.30E+01	1.89E+02	-2.93E-02	-5.94E+00
2.14E+01	-9.30E+01	1.89E+02	-9.77E-03	-5.94E+00
2.15E+01	-9.30E+01	1.89E+02	-2.81E-02	-5.95E+00
2.15E+01	-9.30E+01	1.89E+02	-1.22E-02	-5.95E+00
2.15E+01	-9.30E+01	1.89E+02	-2.69E-02	-5.97E+00
2.15E+01	-9.30E+01	1.89E+02	-3.66E-03	-5.97E+00
2.15E+01	-9.30E+01	1.89E+02	-3.05E-02	-5.98E+00
2.16E+01	-9.30E+01	1.89E+02	0.00E+00	-5.98E+00
2.16E+01	-9.30E+01	1.89E+02	-2.69E-02	-5.99E+00
2.16E+01	-9.30E+01	1.89E+02	-1.46E-02	-6.00E+00
2.16E+01	-9.30E+01	1.89E+02	-1.34E-02	-6.00E+00
2.16E+01	-9.30E+01	1.89E+02	-1.95E-02	-6.02E+00
2.17E+01	-9.30E+01	1.89E+02	-2.20E-02	-6.02E+00
2.17E+01	-9.30E+01	1.89E+02	-2.56E-02	-6.04E+00
2.17E+01	-9.30E+01	1.89E+02	1.22E-02	-6.03E+00
2.17E+01	-9.30E+01	1.89E+02	-1.83E-02	-6.06E+00
2.17E+01	-9.30E+01	1.89E+02	2.44E-03	-6.05E+00
2.18E+01	-9.30E+01	1.89E+02	1.22E-03	-6.05E+00
2.18E+01	-9.30E+01	1.89E+02	1.10E-02	-6.06E+00
2.18E+01	-9.30E+01	1.89E+02	-4.76E-02	-6.06E+00
2.18E+01	-9.30E+01	1.89E+02	4.88E-03	-6.08E+00
2.18E+01	-9.30E+01	1.89E+02	-2.20E-02	-6.08E+00
2.19E+01	-9.30E+01	1.89E+02	-1.71E-02	-6.10E+00
2.19E+01	-9.30E+01	1.89E+02	0.00E+00	-6.09E+00
2.19E+01	-9.30E+01	1.89E+02	-3.66E-02	-6.11E+00
2.19E+01	-9.30E+01	1.89E+02	-1.46E-02	-6.10E+00
2.19E+01	-9.30E+01	1.89E+02	-3.30E-02	-6.12E+00
2.20E+01	-9.30E+01	1.89E+02	7.32E-03	-6.12E+00
2.20E+01	-9.30E+01	1.89E+02	-3.17E-02	-6.13E+00
2.20E+01	-9.30E+01	1.89E+02	1.22E-03	-6.14E+00
2.20E+01	-9.30E+01	1.89E+02	-2.44E-02	-6.14E+00
2.20E+01	-9.30E+01	1.89E+02	-1.71E-02	-6.16E+00
2.21E+01	-9.30E+01	1.89E+02	-1.71E-02	-6.16E+00
2.21E+01	-9.30E+01	1.89E+02	-4.88E-03	-6.17E+00
2.21E+01	-9.30E+01	1.89E+02	-1.95E-02	-6.17E+00
2.21E+01	-9.30E+01	1.89E+02	-2.32E-02	-6.19E+00
2.21E+01	-9.30E+01	1.89E+02	-7.32E-03	-6.18E+00
2.22E+01	-9.30E+01	1.89E+02	-2.93E-02	-6.20E+00
2.22E+01	-9.30E+01	1.89E+02	-7.32E-03	-6.20E+00
2.22E+01	-9.30E+01	1.89E+02	-2.69E-02	-6.21E+00
2.22E+01	-9.30E+01	1.89E+02	-7.32E-03	-6.22E+00

2.22E+01	-9.30E+01	1.89E+02	-2.93E-02	-6.22E+00
2.23E+01	-9.30E+01	1.89E+02	-1.46E-02	-6.22E+00
2.23E+01	-9.30E+01	1.89E+02	-4.03E-02	-6.24E+00
2.23E+01	-9.30E+01	1.89E+02	-9.77E-03	-6.24E+00
2.23E+01	-9.30E+01	1.89E+02	-9.77E-03	-6.25E+00
2.23E+01	-9.30E+01	1.89E+02	-2.56E-02	-6.27E+00
2.24E+01	-9.30E+01	1.89E+02	-2.44E-03	-6.27E+00
2.24E+01	-9.30E+01	1.88E+02	2.44E-03	-6.28E+00
2.24E+01	-9.30E+01	1.89E+02	-9.77E-03	-6.27E+00
2.24E+01	-9.30E+01	1.89E+02	-2.69E-02	-6.29E+00
2.24E+01	-9.30E+01	1.89E+02	-4.88E-03	-6.30E+00
2.25E+01	-9.30E+01	1.89E+02	-3.91E-02	-6.30E+00
2.25E+01	-9.30E+01	1.89E+02	-3.66E-03	-6.31E+00
2.25E+01	-9.30E+01	1.89E+02	-9.77E-03	-6.31E+00
2.25E+01	-9.30E+01	1.89E+02	-2.69E-02	-6.33E+00
2.25E+01	-9.30E+01	1.89E+02	-2.20E-02	-6.33E+00
2.26E+01	-9.30E+01	1.89E+02	-2.69E-02	-6.35E+00
2.26E+01	-9.30E+01	1.89E+02	-1.22E-02	-6.35E+00
2.26E+01	-9.30E+01	1.89E+02	-4.03E-02	-6.36E+00
2.26E+01	-9.30E+01	1.89E+02	-2.44E-03	-6.37E+00
2.26E+01	-9.30E+01	1.89E+02	-1.46E-02	-6.37E+00
2.27E+01	-9.30E+01	1.89E+02	-1.22E-02	-6.38E+00
2.27E+01	-9.30E+01	1.89E+02	-1.22E-02	-6.38E+00
2.27E+01	-9.30E+01	1.89E+02	-2.08E-02	-6.40E+00
2.27E+01	-9.30E+01	1.89E+02	-1.83E-02	-6.40E+00
2.27E+01	-9.30E+01	1.89E+02	-2.44E-02	-6.41E+00
2.28E+01	-9.30E+01	1.89E+02	-1.22E-02	-6.41E+00
2.28E+01	-9.30E+01	1.89E+02	-2.69E-02	-6.42E+00
2.28E+01	-9.30E+01	1.89E+02	-6.10E-03	-6.43E+00
2.28E+01	-9.30E+01	1.89E+02	-2.20E-02	-6.43E+00
2.28E+01	-9.30E+01	1.89E+02	-9.77E-03	-6.44E+00
2.29E+01	-9.30E+01	1.88E+02	-2.08E-02	-6.44E+00
2.29E+01	-9.30E+01	1.88E+02	-5.25E-02	-6.46E+00
2.29E+01	-9.30E+01	1.88E+02	-7.32E-03	-6.45E+00
2.29E+01	-9.30E+01	1.88E+02	-7.57E-02	-6.48E+00
2.29E+01	-9.30E+01	1.89E+02	-1.22E-02	-6.48E+00
2.30E+01	-9.30E+01	1.88E+02	-7.32E-03	-6.48E+00
2.30E+01	-9.30E+01	1.88E+02	-3.66E-03	-6.49E+00
2.30E+01	-9.30E+01	1.88E+02	-3.91E-02	-6.50E+00
2.30E+01	-9.30E+01	1.88E+02	-1.10E-02	-6.51E+00
2.30E+01	-9.30E+01	1.89E+02	-3.42E-02	-6.52E+00
2.31E+01	-9.30E+01	1.88E+02	-9.77E-03	-6.52E+00
2.31E+01	-9.30E+01	1.88E+02	-2.20E-02	-6.52E+00
2.31E+01	-9.30E+01	1.89E+02	0.00E+00	-6.54E+00
2.31E+01	-9.30E+01	1.89E+02	-7.32E-03	-6.53E+00
2.31E+01	-9.30E+01	1.88E+02	-2.93E-02	-6.55E+00
2.32E+01	-9.30E+01	1.88E+02	-9.77E-03	-6.55E+00

2.32E+01	-9.30E+01	1.89E+02	-2.93E-02	-6.57E+00
2.32E+01	-9.30E+01	1.88E+02	-1.59E-02	-6.57E+00
2.32E+01	-9.30E+01	1.89E+02	-2.56E-02	-6.58E+00
2.32E+01	-9.30E+01	1.89E+02	-1.71E-02	-6.59E+00
2.33E+01	-9.30E+01	1.89E+02	-7.32E-03	-6.58E+00
2.33E+01	-9.30E+01	1.88E+02	-2.44E-02	-6.61E+00
2.33E+01	-9.30E+01	1.88E+02	-1.10E-02	-6.60E+00
2.33E+01	-9.30E+01	1.89E+02	-2.69E-02	-6.62E+00
2.33E+01	-9.30E+01	1.88E+02	-1.46E-02	-6.63E+00
2.34E+01	-9.30E+01	1.88E+02	-2.81E-02	-6.64E+00
2.34E+01	-9.30E+01	1.88E+02	-2.44E-02	-6.64E+00
2.34E+01	-9.30E+01	1.88E+02	-3.17E-02	-6.64E+00
2.34E+01	-9.30E+01	1.88E+02	-3.42E-02	-6.66E+00
2.34E+01	-9.30E+01	1.89E+02	2.20E-02	-6.64E+00
2.35E+01	-9.30E+01	1.88E+02	-2.32E-02	-6.67E+00
2.35E+01	-9.30E+01	1.89E+02	-2.44E-03	-6.67E+00
2.35E+01	-9.30E+01	1.88E+02	-3.42E-02	-6.68E+00
2.35E+01	-9.30E+01	1.89E+02	-1.46E-02	-6.69E+00
2.35E+01	-9.30E+01	1.89E+02	-2.20E-02	-6.69E+00
2.36E+01	-9.30E+01	1.88E+02	-2.20E-02	-6.70E+00
2.36E+01	-9.30E+01	1.89E+02	-8.54E-03	-6.69E+00
2.36E+01	-9.30E+01	1.89E+02	-3.17E-02	-6.72E+00
2.36E+01	-9.30E+01	1.89E+02	2.44E-03	-6.72E+00
2.36E+01	-9.30E+01	1.89E+02	-3.05E-02	-6.73E+00
2.37E+01	-9.30E+01	1.89E+02	-9.77E-03	-6.73E+00
2.37E+01	-9.30E+01	1.89E+02	-2.32E-02	-6.75E+00
2.37E+01	-9.30E+01	1.89E+02	-8.54E-03	-6.75E+00
2.37E+01	-9.30E+01	1.89E+02	-2.20E-02	-6.76E+00
2.37E+01	-9.30E+01	1.89E+02	-3.66E-03	-6.76E+00
2.38E+01	-9.30E+01	1.89E+02	-3.42E-02	-6.77E+00
2.38E+01	-9.30E+01	1.89E+02	-1.22E-02	-6.78E+00
2.38E+01	-9.30E+01	1.89E+02	-1.83E-02	-6.78E+00
2.38E+01	-9.30E+01	1.89E+02	-1.71E-02	-6.80E+00
2.38E+01	-9.30E+01	1.89E+02	1.10E-02	-6.79E+00
2.39E+01	-9.30E+01	1.89E+02	-3.17E-02	-6.80E+00
2.39E+01	-9.30E+01	1.89E+02	-1.46E-02	-6.80E+00
2.39E+01	-9.30E+01	1.89E+02	-5.62E-02	-6.83E+00
2.39E+01	-9.30E+01	1.89E+02	-1.22E-02	-6.81E+00
2.39E+01	-9.30E+01	1.89E+02	-1.46E-02	-6.84E+00
2.40E+01	-9.30E+01	1.89E+02	-1.46E-02	-6.84E+00
2.40E+01	-9.30E+01	1.89E+02	-1.71E-02	-6.84E+00
2.40E+01	-9.30E+01	1.89E+02	-1.95E-02	-6.86E+00
2.40E+01	-9.30E+01	1.89E+02	-1.46E-02	-6.85E+00
2.40E+01	-9.30E+01	1.89E+02	-2.56E-02	-6.87E+00
2.41E+01	-9.30E+01	1.89E+02	-4.88E-03	-6.87E+00
2.41E+01	-9.30E+01	1.89E+02	-3.66E-02	-6.89E+00
2.41E+01	-9.30E+01	1.89E+02	-7.32E-03	-6.89E+00

2.41E+01	-9.30E+01	1.89E+02	-2.69E-02	-6.90E+00
2.41E+01	-9.30E+01	1.89E+02	4.88E-03	-6.91E+00
2.42E+01	-9.30E+01	1.89E+02	-2.93E-02	-6.91E+00
2.42E+01	-9.30E+01	1.89E+02	-1.46E-02	-6.92E+00
2.42E+01	-9.30E+01	1.89E+02	-1.95E-02	-6.93E+00
2.42E+01	-9.30E+01	1.89E+02	-2.20E-02	-6.94E+00
2.42E+01	-9.30E+01	1.89E+02	-1.59E-02	-6.94E+00
2.43E+01	-9.30E+01	1.89E+02	-2.20E-02	-6.95E+00
2.43E+01	-9.30E+01	1.89E+02	-1.22E-02	-6.95E+00
2.43E+01	-9.30E+01	1.89E+02	-2.32E-02	-6.97E+00
2.43E+01	-9.30E+01	1.89E+02	1.34E-02	-6.97E+00
2.43E+01	-9.30E+01	1.90E+02	-2.44E-02	-6.99E+00
2.44E+01	-9.30E+01	1.89E+02	-4.03E-02	-6.99E+00
2.44E+01	-9.30E+01	1.89E+02	-1.22E-02	-6.98E+00
2.44E+01	-9.30E+01	1.89E+02	-3.17E-02	-6.99E+00
2.44E+01	-9.30E+01	1.89E+02	-6.10E-03	-7.00E+00
2.44E+01	-9.30E+01	1.90E+02	-2.93E-02	-7.01E+00
2.45E+01	-9.30E+01	1.90E+02	-1.22E-02	-7.01E+00
2.45E+01	-9.30E+01	1.89E+02	-3.91E-02	-7.03E+00
2.45E+01	-9.30E+01	1.90E+02	0.00E+00	-7.03E+00
2.45E+01	-9.30E+01	1.90E+02	-2.69E-02	-7.03E+00
2.45E+01	-9.30E+01	1.89E+02	1.46E-02	-7.04E+00
2.46E+01	-9.30E+01	1.90E+02	-1.46E-02	-7.05E+00
2.46E+01	-9.30E+01	1.89E+02	-1.83E-02	-7.06E+00
2.46E+01	-9.30E+01	1.90E+02	-1.71E-02	-7.07E+00
2.46E+01	-9.30E+01	1.90E+02	-1.22E-02	-7.08E+00
2.46E+01	-9.30E+01	1.90E+02	-2.08E-02	-7.08E+00
2.47E+01	-9.30E+01	1.90E+02	-1.22E-02	-7.09E+00
2.47E+01	-9.30E+01	1.90E+02	-2.93E-02	-7.09E+00
2.47E+01	-9.30E+01	1.89E+02	-1.46E-02	-7.10E+00
2.47E+01	-9.30E+01	1.89E+02	-1.83E-02	-7.10E+00
2.47E+01	-9.30E+01	1.88E+02	-1.34E-02	-7.11E+00
2.48E+01	-9.30E+01	1.87E+02	-2.08E-02	-7.11E+00
2.48E+01	-9.30E+01	1.83E+02	-9.77E-03	-7.11E+00
2.48E+01	-9.30E+01	1.78E+02	-2.32E-02	-7.10E+00
2.48E+01	-9.30E+01	1.74E+02	-1.71E-02	-7.11E+00
2.48E+01	-9.30E+01	1.74E+02	-3.42E-02	-7.10E+00
2.49E+01	-9.30E+01	1.75E+02	-2.32E-02	-7.10E+00
2.49E+01	-9.30E+01	1.76E+02	2.81E-02	-7.09E+00
2.49E+01	-9.30E+01	1.77E+02	-1.46E-02	-7.11E+00
2.49E+01	-9.30E+01	1.81E+02	-7.32E-03	-7.10E+00
2.49E+01	-9.30E+01	1.86E+02	-3.54E-02	-7.09E+00
2.50E+01	-9.30E+01	1.87E+02	-4.88E-03	-7.10E+00
2.50E+01	-9.30E+01	1.83E+02	-2.32E-02	-7.10E+00
2.50E+01	-9.30E+01	1.78E+02	-2.08E-02	-7.10E+00
2.50E+01	-9.30E+01	1.77E+02	-1.22E-03	-7.09E+00
2.50E+01	-9.30E+01	1.77E+02	-2.44E-02	-7.10E+00

2.51E+01	-9.30E+01	1.76E+02	-1.22E-02	-7.09E+00
2.51E+01	-9.30E+01	1.76E+02	-3.05E-02	-7.10E+00
2.51E+01	-9.30E+01	1.76E+02	-6.10E-03	-7.09E+00
2.51E+01	-9.30E+01	1.76E+02	-2.93E-02	-7.10E+00
2.51E+01	-9.30E+01	1.76E+02	-6.10E-03	-7.09E+00
2.52E+01	-9.30E+01	1.76E+02	-2.93E-02	-7.09E+00
2.52E+01	-9.30E+01	1.75E+02	-2.44E-03	-7.09E+00
2.52E+01	-9.30E+01	1.76E+02	-2.93E-02	-7.08E+00
2.52E+01	-9.30E+01	1.76E+02	-1.46E-02	-7.09E+00
2.52E+01	-9.30E+01	1.76E+02	-3.17E-02	-7.08E+00
2.53E+01	-9.30E+01	1.76E+02	-2.69E-02	-7.07E+00
2.53E+01	-9.30E+01	1.76E+02	-3.66E-03	-7.07E+00
2.53E+01	-9.30E+01	1.76E+02	-4.39E-02	-7.09E+00
2.53E+01	-9.30E+01	1.76E+02	8.54E-03	-7.08E+00
2.53E+01	-9.30E+01	1.76E+02	-3.17E-02	-7.09E+00
2.54E+01	-9.30E+01	1.76E+02	-4.88E-03	-7.07E+00
2.54E+01	-9.30E+01	1.76E+02	-2.44E-03	-7.06E+00
2.54E+01	-9.30E+01	1.76E+02	-3.42E-02	-7.07E+00
2.54E+01	-9.30E+01	1.76E+02	-1.46E-02	-7.06E+00
2.54E+01	-9.30E+01	1.76E+02	-2.20E-02	-7.06E+00
2.55E+01	-9.30E+01	1.76E+02	4.88E-03	-7.06E+00
2.55E+01	-9.30E+01	1.76E+02	-1.59E-02	-7.05E+00
2.55E+01	-9.30E+01	1.76E+02	-1.22E-02	-7.06E+00
2.55E+01	-9.30E+01	1.76E+02	-2.08E-02	-7.05E+00
2.55E+01	-9.30E+01	1.76E+02	-2.93E-02	-7.06E+00
2.56E+01	-9.30E+01	1.76E+02	2.44E-03	-7.05E+00
2.56E+01	-9.30E+01	1.76E+02	-2.93E-02	-7.06E+00
2.56E+01	-9.30E+01	1.76E+02	-1.22E-02	-7.05E+00
2.56E+01	-9.30E+01	1.76E+02	-2.20E-02	-7.05E+00
2.56E+01	-9.30E+01	1.76E+02	-1.10E-02	-7.05E+00
2.57E+01	-9.30E+01	1.76E+02	-1.95E-02	-7.05E+00
2.57E+01	-9.30E+01	1.75E+02	-1.22E-02	-7.05E+00
2.57E+01	-9.30E+01	1.76E+02	-5.13E-02	-7.05E+00
2.57E+01	-9.30E+01	1.75E+02	-3.54E-02	-7.06E+00
2.57E+01	-9.30E+01	1.76E+02	0.00E+00	-7.03E+00
2.58E+01	-9.30E+01	1.76E+02	-3.66E-02	-7.05E+00
2.58E+01	-9.30E+01	1.76E+02	-2.44E-03	-7.03E+00
2.58E+01	-9.30E+01	1.76E+02	-2.69E-02	-7.04E+00
2.58E+01	-9.30E+01	1.76E+02	-4.88E-03	-7.04E+00
2.58E+01	-9.30E+01	1.76E+02	-2.44E-02	-7.03E+00
2.59E+01	-9.30E+01	1.76E+02	-1.22E-02	-7.03E+00
2.59E+01	-9.30E+01	1.76E+02	-2.32E-02	-7.03E+00
2.59E+01	-9.30E+01	1.75E+02	-1.46E-02	-7.03E+00
2.59E+01	-9.30E+01	1.76E+02	-1.22E-02	-7.02E+00
2.59E+01	-9.30E+01	1.76E+02	-2.93E-02	-7.03E+00
2.60E+01	-9.30E+01	1.76E+02	-4.88E-03	-7.02E+00
2.60E+01	-9.30E+01	1.76E+02	-3.17E-02	-7.02E+00

2.60E+01	-9.30E+01	1.76E+02	-1.22E-02	-7.02E+00
2.60E+01	-9.30E+01	1.76E+02	-3.17E-02	-7.02E+00
2.60E+01	-9.30E+01	1.76E+02	1.46E-02	-7.02E+00
2.61E+01	-9.30E+01	1.76E+02	-2.20E-02	-7.00E+00
2.61E+01	-9.30E+01	1.75E+02	-1.22E-02	-7.03E+00
2.61E+01	-9.30E+01	1.76E+02	-4.88E-03	-7.00E+00
2.61E+01	-9.30E+01	1.76E+02	-1.95E-02	-7.02E+00
2.61E+01	-9.30E+01	1.76E+02	-2.44E-03	-7.00E+00
2.62E+01	-9.30E+01	1.76E+02	-3.42E-02	-7.01E+00
2.62E+01	-9.30E+01	1.76E+02	-7.32E-03	-7.01E+00
2.62E+01	-9.30E+01	1.76E+02	-2.20E-02	-7.00E+00
2.62E+01	-9.30E+01	1.76E+02	-1.46E-02	-7.00E+00
2.62E+01	-9.30E+01	1.76E+02	-1.10E-02	-6.99E+00
2.63E+01	-9.30E+01	1.76E+02	-1.95E-02	-7.00E+00
2.63E+01	-9.30E+01	1.76E+02	-9.77E-03	-6.99E+00
2.63E+01	-9.30E+01	1.76E+02	-2.93E-02	-7.00E+00
2.63E+01	-9.30E+01	1.76E+02	0.00E+00	-6.99E+00
2.63E+01	-9.30E+01	1.76E+02	-3.17E-02	-6.99E+00
2.64E+01	-9.30E+01	1.76E+02	0.00E+00	-6.99E+00
2.64E+01	-9.30E+01	1.76E+02	-2.44E-02	-6.98E+00
2.64E+01	-9.30E+01	1.76E+02	-9.77E-03	-6.99E+00
2.64E+01	-9.30E+01	1.76E+02	-3.66E-03	-6.98E+00
2.64E+01	-9.30E+01	1.76E+02	-5.62E-02	-6.97E+00
2.65E+01	-9.30E+01	1.76E+02	-2.32E-02	-6.97E+00
2.65E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.97E+00
2.65E+01	-9.30E+01	1.76E+02	-2.32E-02	-6.97E+00
2.65E+01	-9.30E+01	1.76E+02	-1.71E-02	-6.98E+00
2.65E+01	-9.30E+01	1.76E+02	-6.10E-03	-6.96E+00
2.66E+01	-9.30E+01	1.76E+02	-1.95E-02	-6.97E+00
2.66E+01	-9.30E+01	1.76E+02	-9.77E-03	-6.97E+00
2.66E+01	-9.30E+01	1.76E+02	-2.20E-02	-6.97E+00
2.66E+01	-9.30E+01	1.76E+02	-1.22E-03	-6.96E+00
2.66E+01	-9.30E+01	1.76E+02	-2.56E-02	-6.97E+00
2.67E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.96E+00
2.67E+01	-9.30E+01	1.76E+02	-2.81E-02	-6.97E+00
2.67E+01	-9.30E+01	1.75E+02	-4.88E-03	-6.96E+00
2.67E+01	-9.30E+01	1.76E+02	-2.93E-02	-6.96E+00
2.67E+01	-9.30E+01	1.75E+02	-2.44E-03	-6.96E+00
2.68E+01	-9.30E+01	1.76E+02	-1.95E-02	-6.95E+00
2.68E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.94E+00
2.68E+01	-9.30E+01	1.76E+02	-1.71E-02	-6.94E+00
2.68E+01	-9.30E+01	1.75E+02	-3.42E-02	-6.95E+00
2.68E+01	-9.30E+01	1.76E+02	-2.32E-02	-6.95E+00
2.69E+01	-9.30E+01	1.75E+02	-4.88E-03	-6.95E+00
2.69E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.95E+00
2.69E+01	-9.30E+01	1.76E+02	-1.46E-02	-6.95E+00
2.69E+01	-9.30E+01	1.75E+02	0.00E+00	-6.94E+00

2.69E+01	-9.30E+01	1.75E+02	-3.78E-02	-6.94E+00
2.70E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.94E+00
2.70E+01	-9.30E+01	1.75E+02	-4.15E-02	-6.94E+00
2.70E+01	-9.30E+01	1.76E+02	-1.10E-02	-6.93E+00
2.70E+01	-9.30E+01	1.76E+02	-1.95E-02	-6.94E+00
2.70E+01	-9.30E+01	1.75E+02	-1.22E-02	-6.93E+00
2.71E+01	-9.30E+01	1.76E+02	-2.69E-02	-6.93E+00
2.71E+01	-9.30E+01	1.76E+02	-7.32E-03	-6.93E+00
2.71E+01	-9.30E+01	1.76E+02	-3.17E-02	-6.93E+00
2.71E+01	-9.30E+01	1.75E+02	-4.88E-03	-6.93E+00
2.71E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.92E+00
2.72E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.93E+00
2.72E+01	-9.30E+01	1.76E+02	-2.20E-02	-6.92E+00
2.72E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.92E+00
2.72E+01	-9.30E+01	1.75E+02	-6.10E-03	-6.91E+00
2.72E+01	-9.30E+01	1.75E+02	-4.39E-02	-6.93E+00
2.73E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.92E+00
2.73E+01	-9.30E+01	1.75E+02	-5.13E-02	-6.92E+00
2.73E+01	-9.30E+01	1.76E+02	-8.54E-03	-6.90E+00
2.73E+01	-9.30E+01	1.75E+02	-2.69E-02	-6.91E+00
2.73E+01	-9.30E+01	1.75E+02	-1.22E-02	-6.90E+00
2.74E+01	-9.30E+01	1.76E+02	-4.39E-02	-6.91E+00
2.74E+01	-9.30E+01	1.75E+02	2.44E-03	-6.90E+00
2.74E+01	-9.30E+01	1.75E+02	-3.17E-02	-6.90E+00
2.74E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.90E+00
2.74E+01	-9.30E+01	1.76E+02	-2.20E-02	-6.90E+00
2.75E+01	-9.30E+01	1.75E+02	-1.59E-02	-6.90E+00
2.75E+01	-9.30E+01	1.75E+02	-2.56E-02	-6.89E+00
2.75E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.90E+00
2.75E+01	-9.30E+01	1.76E+02	-1.95E-02	-6.88E+00
2.75E+01	-9.30E+01	1.75E+02	-2.56E-02	-6.90E+00
2.76E+01	-9.30E+01	1.75E+02	-8.54E-03	-6.88E+00
2.76E+01	-9.30E+01	1.76E+02	-3.42E-02	-6.90E+00
2.76E+01	-9.30E+01	1.75E+02	-8.54E-03	-6.89E+00
2.76E+01	-9.30E+01	1.75E+02	-4.15E-02	-6.89E+00
2.76E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.89E+00
2.77E+01	-9.30E+01	1.76E+02	-1.71E-02	-6.88E+00
2.77E+01	-9.30E+01	1.75E+02	-3.91E-02	-6.89E+00
2.77E+01	-9.30E+01	1.75E+02	0.00E+00	-6.87E+00
2.77E+01	-9.30E+01	1.75E+02	-2.20E-02	-6.87E+00
2.77E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.88E+00
2.78E+01	-9.30E+01	1.75E+02	-4.15E-02	-6.88E+00
2.78E+01	-9.30E+01	1.75E+02	-4.88E-03	-6.87E+00
2.78E+01	-9.30E+01	1.75E+02	-1.59E-02	-6.86E+00
2.78E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.87E+00
2.78E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.87E+00
2.79E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.86E+00

2.79E+01	-9.30E+01	1.75E+02	-3.17E-02	-6.86E+00
2.79E+01	-9.30E+01	1.75E+02	-6.10E-03	-6.86E+00
2.79E+01	-9.30E+01	1.75E+02	-2.32E-02	-6.85E+00
2.79E+01	-9.30E+01	1.75E+02	-2.69E-02	-6.86E+00
2.80E+01	-9.30E+01	1.76E+02	1.83E-02	-6.85E+00
2.80E+01	-9.30E+01	1.75E+02	-2.69E-02	-6.85E+00
2.80E+01	-9.30E+01	1.75E+02	-1.22E-02	-6.85E+00
2.80E+01	-9.30E+01	1.75E+02	-1.59E-02	-6.86E+00
2.80E+01	-9.30E+01	1.75E+02	-2.44E-03	-6.85E+00
2.81E+01	-9.30E+01	1.75E+02	-2.44E-02	-6.85E+00
2.81E+01	-9.30E+01	1.75E+02	3.66E-03	-6.84E+00
2.81E+01	-9.30E+01	1.75E+02	-2.69E-02	-6.85E+00
2.81E+01	-9.30E+01	1.76E+02	-7.32E-03	-6.84E+00
2.81E+01	-9.30E+01	1.75E+02	-3.42E-02	-6.84E+00
2.82E+01	-9.30E+01	1.75E+02	-2.44E-03	-6.84E+00
2.82E+01	-9.30E+01	1.75E+02	-3.42E-02	-6.83E+00
2.82E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.84E+00
2.82E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.83E+00
2.82E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.84E+00
2.83E+01	-9.30E+01	1.75E+02	-1.22E-02	-6.83E+00
2.83E+01	-9.30E+01	1.75E+02	-4.88E-03	-6.82E+00
2.83E+01	-9.30E+01	1.75E+02	-1.22E-02	-6.82E+00
2.83E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.83E+00
2.83E+01	-9.30E+01	1.75E+02	-3.66E-02	-6.81E+00
2.84E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.83E+00
2.84E+01	-9.30E+01	1.75E+02	4.88E-03	-6.80E+00
2.84E+01	-9.30E+01	1.75E+02	-3.66E-02	-6.83E+00
2.84E+01	-9.30E+01	1.75E+02	1.22E-03	-6.81E+00
2.84E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.82E+00
2.85E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.81E+00
2.85E+01	-9.30E+01	1.75E+02	-2.69E-02	-6.82E+00
2.85E+01	-9.30E+01	1.75E+02	-2.44E-03	-6.80E+00
2.85E+01	-9.30E+01	1.75E+02	-2.93E-02	-6.81E+00
2.85E+01	-9.30E+01	1.75E+02	-1.22E-03	-6.80E+00
2.86E+01	-9.30E+01	1.75E+02	-2.93E-02	-6.80E+00
2.86E+01	-9.30E+01	1.75E+02	-1.59E-02	-6.81E+00
2.86E+01	-9.30E+01	1.75E+02	-1.34E-02	-6.79E+00
2.86E+01	-9.30E+01	1.75E+02	-2.56E-02	-6.82E+00
2.86E+01	-9.30E+01	1.75E+02	-4.88E-03	-6.79E+00
2.87E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.80E+00
2.87E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.79E+00
2.87E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.79E+00
2.87E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.78E+00
2.87E+01	-9.30E+01	1.75E+02	-3.66E-02	-6.79E+00
2.88E+01	-9.30E+01	1.75E+02	6.10E-03	-6.79E+00
2.88E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.79E+00
2.88E+01	-9.30E+01	1.75E+02	-2.20E-02	-6.78E+00

2.88E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.77E+00
2.88E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.78E+00
2.89E+01	-9.30E+01	1.75E+02	-1.59E-02	-6.77E+00
2.89E+01	-9.30E+01	1.75E+02	-3.54E-02	-6.79E+00
2.89E+01	-9.30E+01	1.75E+02	0.00E+00	-6.77E+00
2.89E+01	-9.30E+01	1.75E+02	-3.05E-02	-6.77E+00
2.89E+01	-9.30E+01	1.75E+02	-4.88E-03	-6.77E+00
2.90E+01	-9.30E+01	1.75E+02	-2.44E-02	-6.76E+00
2.90E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.77E+00
2.90E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.76E+00
2.90E+01	-9.30E+01	1.75E+02	-2.81E-02	-6.77E+00
2.90E+01	-9.30E+01	1.75E+02	2.44E-03	-6.76E+00
2.91E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.77E+00
2.91E+01	-9.30E+01	1.75E+02	-4.88E-03	-6.75E+00
2.91E+01	-9.30E+01	1.75E+02	2.44E-03	-6.74E+00
2.91E+01	-9.30E+01	1.75E+02	-3.05E-02	-6.76E+00
2.91E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.74E+00
2.92E+01	-9.30E+01	1.75E+02	-2.20E-02	-6.75E+00
2.92E+01	-9.30E+01	1.75E+02	-2.44E-02	-6.75E+00
2.92E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.75E+00
2.92E+01	-9.30E+01	1.75E+02	-2.69E-02	-6.75E+00
2.92E+01	-9.30E+01	1.75E+02	-1.10E-02	-6.74E+00
2.93E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.75E+00
2.93E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.73E+00
2.93E+01	-9.30E+01	1.75E+02	-3.54E-02	-6.74E+00
2.93E+01	-9.30E+01	1.75E+02	1.22E-03	-6.73E+00
2.93E+01	-9.30E+01	1.75E+02	-2.93E-02	-6.74E+00
2.94E+01	-9.30E+01	1.75E+02	-1.34E-02	-6.75E+00
2.94E+01	-9.30E+01	1.75E+02	-3.17E-02	-6.73E+00
2.94E+01	-9.30E+01	1.75E+02	-4.88E-03	-6.74E+00
2.94E+01	-9.30E+01	1.75E+02	-2.81E-02	-6.73E+00
2.94E+01	-9.30E+01	1.75E+02	-2.81E-02	-6.72E+00
2.95E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.72E+00
2.95E+01	-9.30E+01	1.75E+02	-2.93E-02	-6.73E+00
2.95E+01	-9.30E+01	1.75E+02	-1.22E-02	-6.72E+00
2.95E+01	-9.30E+01	1.75E+02	-3.66E-02	-6.72E+00
2.95E+01	-9.30E+01	1.75E+02	-1.22E-02	-6.73E+00
2.96E+01	-9.30E+01	1.75E+02	-1.83E-02	-6.71E+00
2.96E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.72E+00
2.96E+01	-9.30E+01	1.75E+02	-1.10E-02	-6.71E+00
2.96E+01	-9.30E+01	1.75E+02	-2.32E-02	-6.72E+00
2.96E+01	-9.30E+01	1.75E+02	-4.88E-03	-6.70E+00
2.97E+01	-9.30E+01	1.75E+02	-2.44E-02	-6.71E+00
2.97E+01	-9.30E+01	1.75E+02	-4.27E-02	-6.71E+00
2.97E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.69E+00
2.97E+01	-9.30E+01	1.75E+02	-4.64E-02	-6.71E+00
2.97E+01	-9.30E+01	1.75E+02	7.32E-03	-6.70E+00

2.98E+01	-9.30E+01	1.75E+02	-2.69E-02	-6.69E+00
2.98E+01	-9.30E+01	1.75E+02	-8.54E-03	-6.71E+00
2.98E+01	-9.30E+01	1.75E+02	4.88E-03	-6.69E+00
2.98E+01	-9.30E+01	1.75E+02	-2.93E-02	-6.70E+00
2.98E+01	-9.30E+01	1.75E+02	1.22E-02	-6.69E+00
2.99E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.69E+00
2.99E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.69E+00
2.99E+01	-9.30E+01	1.75E+02	-2.20E-02	-6.69E+00
2.99E+01	-9.30E+01	1.75E+02	-1.83E-02	-6.69E+00
2.99E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.68E+00
3.00E+01	-9.30E+01	1.75E+02	-2.44E-02	-6.69E+00
3.00E+01	-9.30E+01	1.75E+02	-2.44E-03	-6.68E+00
3.00E+01	-9.30E+01	1.75E+02	-2.69E-02	-6.69E+00
3.00E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.67E+00
3.00E+01	-9.30E+01	1.75E+02	-2.93E-02	-6.67E+00
3.01E+01	-9.30E+01	1.75E+02	-4.03E-02	-6.68E+00
3.01E+01	-9.30E+01	1.75E+02	-3.66E-02	-6.66E+00
3.01E+01	-9.30E+01	1.75E+02	-3.42E-02	-6.68E+00
3.01E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.67E+00
3.01E+01	-9.30E+01	1.75E+02	-2.44E-02	-6.68E+00
3.02E+01	-9.30E+01	1.75E+02	-6.10E-03	-6.66E+00
3.02E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.67E+00
3.02E+01	-9.30E+01	1.75E+02	-2.44E-03	-6.66E+00
3.02E+01	-9.30E+01	1.75E+02	-3.42E-02	-6.66E+00
3.02E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.66E+00
3.03E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.65E+00
3.03E+01	-9.30E+01	1.75E+02	-1.10E-02	-6.66E+00
3.03E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.65E+00
3.03E+01	-9.30E+01	1.75E+02	-2.20E-02	-6.66E+00
3.03E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.65E+00
3.04E+01	-9.30E+01	1.75E+02	-4.03E-02	-6.64E+00
3.04E+01	-9.30E+01	1.75E+02	-1.10E-02	-6.63E+00
3.04E+01	-9.30E+01	1.75E+02	-7.81E-02	-6.65E+00
3.04E+01	-9.30E+01	1.75E+02	-2.44E-02	-6.64E+00
3.04E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.65E+00
3.05E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.64E+00
3.05E+01	-9.30E+01	1.75E+02	-2.20E-02	-6.64E+00
3.05E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.64E+00
3.05E+01	-9.30E+01	1.75E+02	-2.93E-02	-6.63E+00
3.05E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.64E+00
3.06E+01	-9.30E+01	1.75E+02	0.00E+00	-6.63E+00
3.06E+01	-9.30E+01	1.75E+02	-2.56E-02	-6.63E+00
3.06E+01	-9.30E+01	1.75E+02	-1.22E-03	-6.63E+00
3.06E+01	-9.30E+01	1.75E+02	-2.44E-02	-6.62E+00
3.06E+01	-9.30E+01	1.75E+02	-2.69E-02	-6.64E+00
3.07E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.62E+00
3.07E+01	-9.30E+01	1.75E+02	-2.93E-02	-6.63E+00

3.07E+01	-9.30E+01	1.75E+02	1.83E-02	-6.63E+00
3.07E+01	-9.30E+01	1.75E+02	-2.20E-02	-6.62E+00
3.07E+01	-9.30E+01	1.75E+02	-2.32E-02	-6.63E+00
3.08E+01	-9.30E+01	1.75E+02	-2.44E-03	-6.60E+00
3.08E+01	-9.30E+01	1.75E+02	-1.95E-02	-6.62E+00
3.08E+01	-9.30E+01	1.75E+02	4.88E-03	-6.60E+00
3.08E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.61E+00
3.08E+01	-9.30E+01	1.75E+02	-1.10E-02	-6.61E+00
3.09E+01	-9.30E+01	1.75E+02	-2.08E-02	-6.61E+00
3.09E+01	-9.30E+01	1.75E+02	-2.44E-03	-6.61E+00
3.09E+01	-9.30E+01	1.75E+02	-1.83E-02	-6.60E+00
3.09E+01	-9.30E+01	1.75E+02	-2.32E-02	-6.61E+00
3.09E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.59E+00
3.10E+01	-9.30E+01	1.75E+02	-3.17E-02	-6.60E+00
3.10E+01	-9.30E+01	1.75E+02	-1.10E-02	-6.59E+00
3.10E+01	-9.30E+01	1.75E+02	-2.93E-02	-6.59E+00
3.10E+01	-9.30E+01	1.75E+02	4.88E-03	-6.59E+00
3.10E+01	-9.30E+01	1.75E+02	1.22E-03	-6.58E+00
3.11E+01	-9.30E+01	1.75E+02	0.00E+00	-6.58E+00
3.11E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.58E+00
3.11E+01	-9.30E+01	1.74E+02	6.10E-03	-6.58E+00
3.11E+01	-9.30E+01	1.75E+02	-2.93E-02	-6.58E+00
3.11E+01	-9.30E+01	1.74E+02	-1.95E-02	-6.59E+00
3.12E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.58E+00
3.12E+01	-9.30E+01	1.75E+02	-2.81E-02	-6.59E+00
3.12E+01	-9.30E+01	1.75E+02	-6.10E-03	-6.57E+00
3.12E+01	-9.30E+01	1.74E+02	-2.08E-02	-6.58E+00
3.12E+01	-9.30E+01	1.75E+02	-1.46E-02	-6.57E+00
3.13E+01	-9.30E+01	1.75E+02	-1.71E-02	-6.58E+00
3.13E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.57E+00
3.13E+01	-9.30E+01	1.75E+02	-2.69E-02	-6.58E+00
3.13E+01	-9.30E+01	1.75E+02	-3.17E-02	-6.56E+00
3.13E+01	-9.30E+01	1.74E+02	-2.69E-02	-6.58E+00
3.14E+01	-9.30E+01	1.75E+02	2.32E-02	-6.56E+00
3.14E+01	-9.30E+01	1.75E+02	-4.39E-02	-6.56E+00
3.14E+01	-9.30E+01	1.75E+02	4.88E-03	-6.55E+00
3.14E+01	-9.30E+01	1.75E+02	-7.32E-03	-6.57E+00
3.14E+01	-9.30E+01	1.75E+02	-4.88E-03	-6.55E+00
3.15E+01	-9.30E+01	1.75E+02	-3.05E-02	-6.55E+00
3.15E+01	-9.30E+01	1.74E+02	-2.20E-02	-6.56E+00
3.15E+01	-9.30E+01	1.74E+02	-2.44E-02	-6.55E+00
3.15E+01	-9.30E+01	1.74E+02	-1.71E-02	-6.56E+00
3.15E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.55E+00
3.16E+01	-9.30E+01	1.74E+02	-2.32E-02	-6.55E+00
3.16E+01	-9.30E+01	1.75E+02	-4.88E-03	-6.54E+00
3.16E+01	-9.30E+01	1.75E+02	-3.54E-02	-6.55E+00
3.16E+01	-9.30E+01	1.75E+02	-2.44E-03	-6.54E+00

3.16E+01	-9.30E+01	1.74E+02	-4.88E-02	-6.54E+00
3.17E+01	-9.30E+01	1.74E+02	-3.42E-02	-6.53E+00
3.17E+01	-9.30E+01	1.74E+02	-1.59E-02	-6.55E+00
3.17E+01	-9.30E+01	1.74E+02	-1.71E-02	-6.55E+00
3.17E+01	-9.30E+01	1.75E+02	-1.10E-02	-6.52E+00
3.17E+01	-9.30E+01	1.75E+02	-4.15E-02	-6.53E+00
3.18E+01	-9.30E+01	1.75E+02	-2.44E-03	-6.53E+00
3.18E+01	-9.30E+01	1.75E+02	-3.78E-02	-6.53E+00
3.18E+01	-9.30E+01	1.74E+02	-1.46E-02	-6.52E+00
3.18E+01	-9.30E+01	1.75E+02	-1.22E-02	-6.52E+00
3.18E+01	-9.30E+01	1.74E+02	-2.44E-02	-6.53E+00
3.19E+01	-9.30E+01	1.75E+02	-1.59E-02	-6.52E+00
3.19E+01	-9.30E+01	1.74E+02	-2.20E-02	-6.53E+00
3.19E+01	-9.30E+01	1.75E+02	-1.22E-02	-6.51E+00
3.19E+01	-9.30E+01	1.74E+02	-1.95E-02	-6.52E+00
3.19E+01	-9.30E+01	1.75E+02	-9.77E-03	-6.51E+00
3.20E+01	-9.30E+01	1.74E+02	-2.44E-02	-6.52E+00
3.20E+01	-9.30E+01	1.75E+02	8.54E-03	-6.51E+00
3.20E+01	-9.30E+01	1.74E+02	-4.64E-02	-6.50E+00
3.20E+01	-9.30E+01	1.74E+02	0.00E+00	-6.52E+00
3.20E+01	-9.30E+01	1.74E+02	-5.25E-02	-6.52E+00
3.21E+01	-9.30E+01	1.74E+02	-2.44E-03	-6.50E+00
3.21E+01	-9.30E+01	1.75E+02	-3.78E-02	-6.51E+00
3.21E+01	-9.30E+01	1.74E+02	-1.22E-03	-6.50E+00
3.21E+01	-9.30E+01	1.74E+02	-1.46E-02	-6.50E+00
3.21E+01	-9.30E+01	1.74E+02	0.00E+00	-6.50E+00
3.22E+01	-9.30E+01	1.74E+02	-2.56E-02	-6.49E+00
3.22E+01	-9.30E+01	1.74E+02	-2.44E-02	-6.50E+00
3.22E+01	-9.30E+01	1.74E+02	-7.32E-03	-6.48E+00
3.22E+01	-9.30E+01	1.74E+02	-2.20E-02	-6.50E+00
3.22E+01	-9.30E+01	1.74E+02	-6.10E-03	-6.49E+00
3.23E+01	-9.30E+01	1.74E+02	-2.93E-02	-6.49E+00
3.23E+01	-9.30E+01	1.74E+02	-1.22E-03	-6.49E+00
3.23E+01	-9.30E+01	1.74E+02	-1.95E-02	-6.49E+00
3.23E+01	-9.30E+01	1.74E+02	-1.22E-02	-6.49E+00
3.23E+01	-9.30E+01	1.75E+02	-1.10E-02	-6.48E+00
3.24E+01	-9.30E+01	1.74E+02	-5.13E-02	-6.47E+00
3.24E+01	-9.30E+01	1.74E+02	4.27E-02	-6.48E+00
3.24E+01	-9.30E+01	1.74E+02	-2.44E-02	-6.47E+00
3.24E+01	-9.30E+01	1.74E+02	-1.34E-02	-6.47E+00
3.24E+01	-9.30E+01	1.74E+02	-3.78E-02	-6.47E+00
3.25E+01	-9.30E+01	1.74E+02	-7.32E-03	-6.48E+00
3.25E+01	-9.30E+01	1.74E+02	-7.32E-03	-6.47E+00
3.25E+01	-9.30E+01	1.74E+02	-3.66E-02	-6.47E+00
3.25E+01	-9.30E+01	1.74E+02	-4.88E-03	-6.47E+00
3.25E+01	-9.30E+01	1.74E+02	-3.05E-02	-6.46E+00
3.26E+01	-9.30E+01	1.74E+02	-6.10E-03	-6.47E+00

3.26E+01	-9.30E+01	1.74E+02	-1.22E-02	-6.46E+00
3.26E+01	-9.30E+01	1.74E+02	-2.69E-02	-6.47E+00
3.26E+01	-9.30E+01	1.74E+02	-2.20E-02	-6.45E+00
3.26E+01	-9.30E+01	1.74E+02	-3.17E-02	-6.44E+00
3.27E+01	-9.30E+01	1.74E+02	-3.91E-02	-6.45E+00
3.27E+01	-9.30E+01	1.74E+02	-3.30E-02	-6.47E+00
3.27E+01	-9.30E+01	1.74E+02	-2.44E-03	-6.45E+00
3.27E+01	-9.30E+01	1.74E+02	-1.95E-02	-6.45E+00
3.27E+01	-9.30E+01	1.74E+02	4.88E-03	-6.45E+00
3.28E+01	-9.30E+01	1.74E+02	-2.08E-02	-6.45E+00
3.28E+01	-9.30E+01	1.74E+02	-1.34E-02	-6.44E+00
3.28E+01	-9.30E+01	1.74E+02	-3.54E-02	-6.44E+00
3.28E+01	-9.30E+01	1.74E+02	-4.88E-03	-6.45E+00
3.28E+01	-9.30E+01	1.74E+02	-2.20E-02	-6.44E+00
3.29E+01	-9.30E+01	1.74E+02	-1.22E-02	-6.44E+00
3.29E+01	-9.30E+01	1.74E+02	-9.77E-03	-6.43E+00
3.29E+01	-9.30E+01	1.74E+02	-2.81E-02	-6.44E+00
3.29E+01	-9.30E+01	1.74E+02	2.44E-03	-6.43E+00
3.29E+01	-9.30E+01	1.74E+02	-3.42E-02	-6.43E+00
3.30E+01	-9.30E+01	1.74E+02	-3.42E-02	-6.44E+00
3.30E+01	-9.30E+01	1.74E+02	-1.71E-02	-6.41E+00
3.30E+01	-9.30E+01	1.74E+02	-1.22E-03	-6.43E+00
3.30E+01	-9.30E+01	1.74E+02	-9.77E-03	-6.42E+00
3.30E+01	-9.30E+01	1.74E+02	-3.42E-02	-6.42E+00
3.31E+01	-9.30E+01	1.74E+02	1.10E-02	-6.42E+00
3.31E+01	-9.30E+01	1.74E+02	-1.34E-02	-6.41E+00
3.31E+01	-9.30E+01	1.74E+02	-2.93E-02	-6.42E+00
3.31E+01	-9.30E+01	1.74E+02	-4.88E-03	-6.41E+00
3.31E+01	-9.30E+01	1.74E+02	-3.17E-02	-6.42E+00
3.32E+01	-9.30E+01	1.74E+02	-3.66E-03	-6.41E+00
3.32E+01	-9.30E+01	1.74E+02	-1.83E-02	-6.41E+00
3.32E+01	-9.30E+01	1.74E+02	-3.17E-02	-6.41E+00
3.32E+01	-9.30E+01	1.74E+02	-8.54E-03	-6.41E+00
3.32E+01	-9.30E+01	1.74E+02	-2.32E-02	-6.41E+00
3.33E+01	-9.30E+01	1.74E+02	-9.77E-03	-6.40E+00
3.33E+01	-9.30E+01	1.74E+02	-1.46E-02	-6.40E+00
3.33E+01	-9.30E+01	1.74E+02	-2.32E-02	-6.39E+00
3.33E+01	-9.30E+01	1.74E+02	4.88E-03	-6.40E+00
3.33E+01	-9.30E+01	1.74E+02	-2.20E-02	-6.39E+00
3.34E+01	-9.30E+01	1.74E+02	4.88E-03	-6.39E+00
3.34E+01	-9.30E+01	1.74E+02	-3.66E-02	-6.40E+00
3.34E+01	-9.30E+01	1.74E+02	-2.44E-03	-6.39E+00
3.34E+01	-9.30E+01	1.74E+02	-2.93E-02	-6.39E+00
3.34E+01	-9.30E+01	1.74E+02	-4.88E-03	-6.38E+00
3.35E+01	-9.30E+01	1.74E+02	-1.22E-02	-6.39E+00
3.35E+01	-9.30E+01	1.74E+02	-1.95E-02	-6.39E+00
3.35E+01	-9.30E+01	1.74E+02	-1.22E-03	-6.38E+00

3.35E+01	-9.30E+01	1.74E+02	-2.93E-02	-6.39E+00
3.35E+01	-9.30E+01	1.74E+02	-4.88E-03	-6.38E+00
3.36E+01	-9.30E+01	1.74E+02	-3.42E-02	-6.38E+00
3.36E+01	-9.30E+01	1.74E+02	-9.77E-03	-6.38E+00
3.36E+01	-9.30E+01	1.74E+02	-2.20E-02	-6.37E+00
3.36E+01	-9.30E+01	1.73E+02	-3.78E-02	-6.38E+00
3.36E+01	-9.30E+01	1.74E+02	-1.22E-03	-6.35E+00
3.37E+01	-9.30E+01	1.74E+02	-4.39E-02	-6.37E+00
3.37E+01	-9.30E+01	1.74E+02	-1.22E-02	-6.36E+00
3.37E+01	-9.30E+01	1.74E+02	-2.44E-02	-6.37E+00
3.37E+01	-9.30E+01	1.73E+02	-7.32E-03	-6.36E+00
3.37E+01	-9.30E+01	1.74E+02	-2.44E-02	-6.36E+00
3.38E+01	-9.30E+01	1.74E+02	-9.77E-03	-6.35E+00
3.38E+01	-9.30E+01	1.74E+02	-1.22E-02	-6.36E+00
3.38E+01	-9.30E+01	1.74E+02	-2.44E-02	-6.36E+00
3.38E+01	-9.30E+01	1.74E+02	0.00E+00	-6.35E+00
3.38E+01	-9.30E+01	1.74E+02	-2.93E-02	-6.35E+00
3.39E+01	-9.30E+01	1.74E+02	-8.54E-03	-6.35E+00
3.39E+01	-9.30E+01	1.74E+02	-2.44E-02	-6.35E+00
3.39E+01	-9.30E+01	1.74E+02	-6.10E-03	-6.35E+00
3.39E+01	-9.30E+01	1.74E+02	-2.44E-03	-6.33E+00
3.39E+01	-9.30E+01	1.74E+02	0.00E+00	-6.36E+00
3.40E+01	-9.30E+01	1.74E+02	-2.56E-02	-6.33E+00
3.40E+01	-9.30E+01	1.73E+02	-2.44E-02	-6.35E+00
3.40E+01	-9.30E+01	1.74E+02	-2.44E-02	-6.33E+00
3.40E+01	-9.30E+01	1.73E+02	-3.30E-02	-6.34E+00
3.40E+01	-9.30E+01	1.73E+02	3.66E-03	-6.34E+00
3.41E+01	-9.30E+01	1.74E+02	-3.91E-02	-6.34E+00
3.41E+01	-9.30E+01	1.74E+02	-9.77E-03	-6.33E+00
3.41E+01	-9.30E+01	1.74E+02	-2.08E-02	-6.33E+00
3.41E+01	-9.30E+01	1.73E+02	-9.77E-03	-6.33E+00
3.41E+01	-9.30E+01	1.74E+02	-2.56E-02	-6.33E+00
3.42E+01	-9.30E+01	1.73E+02	-1.22E-02	-6.33E+00
3.42E+01	-9.30E+01	1.74E+02	-1.34E-02	-6.32E+00
3.42E+01	-9.30E+01	1.73E+02	-2.56E-02	-6.33E+00
3.42E+01	-9.30E+01	1.73E+02	-4.88E-03	-6.32E+00
3.42E+01	-9.30E+01	1.74E+02	2.44E-03	-6.32E+00
3.43E+01	-9.30E+01	1.73E+02	-2.69E-02	-6.31E+00
3.43E+01	-9.30E+01	1.73E+02	-2.69E-02	-6.32E+00
3.43E+01	-9.30E+01	1.73E+02	-1.10E-02	-6.32E+00
3.43E+01	-9.30E+01	1.74E+02	1.22E-03	-6.30E+00
3.43E+01	-9.30E+01	1.73E+02	-2.69E-02	-6.32E+00
3.44E+01	-9.30E+01	1.73E+02	-2.20E-02	-6.30E+00
3.44E+01	-9.30E+01	1.73E+02	-2.20E-02	-6.31E+00
3.44E+01	-9.30E+01	1.73E+02	-7.32E-03	-6.30E+00
3.44E+01	-9.30E+01	1.73E+02	-3.05E-02	-6.31E+00
3.44E+01	-9.30E+01	1.73E+02	-1.22E-03	-6.31E+00

3.45E+01	-9.30E+01	1.73E+02	-3.05E-02	-6.30E+00
3.45E+01	-9.30E+01	1.73E+02	-1.46E-02	-6.31E+00
3.45E+01	-9.30E+01	1.73E+02	-1.83E-02	-6.29E+00
3.45E+01	-9.30E+01	1.73E+02	-3.42E-02	-6.30E+00
3.45E+01	-9.30E+01	1.73E+02	-7.32E-03	-6.28E+00
3.46E+01	-9.30E+01	1.73E+02	-2.08E-02	-6.31E+00
3.46E+01	-9.30E+01	1.74E+02	1.46E-02	-6.29E+00
3.46E+01	-9.30E+01	1.73E+02	-1.83E-02	-6.30E+00
3.46E+01	-9.30E+01	1.73E+02	-2.44E-03	-6.29E+00
3.46E+01	-9.30E+01	1.73E+02	-1.71E-02	-6.29E+00
3.47E+01	-9.30E+01	1.73E+02	-1.22E-02	-6.29E+00
3.47E+01	-9.30E+01	1.73E+02	-3.66E-02	-6.28E+00
3.47E+01	-9.30E+01	1.73E+02	-3.66E-03	-6.28E+00
3.47E+01	-9.30E+01	1.73E+02	-3.17E-02	-6.28E+00
3.47E+01	-9.30E+01	1.73E+02	-2.44E-03	-6.28E+00
3.48E+01	-9.30E+01	1.73E+02	-1.83E-02	-6.28E+00
3.48E+01	-9.30E+01	1.73E+02	-1.46E-02	-6.28E+00
3.48E+01	-9.30E+01	1.73E+02	-9.77E-03	-6.27E+00
3.48E+01	-9.30E+01	1.73E+02	-3.17E-02	-6.27E+00
3.48E+01	-9.30E+01	1.73E+02	0.00E+00	-6.28E+00
3.49E+01	-9.30E+01	1.73E+02	-4.88E-02	-6.27E+00
3.49E+01	-9.30E+01	1.73E+02	-1.46E-02	-6.26E+00
3.49E+01	-9.30E+01	1.73E+02	-4.88E-03	-6.26E+00
3.49E+01	-9.30E+01	1.73E+02	-9.77E-03	-6.26E+00
3.49E+01	-9.30E+01	1.73E+02	-1.34E-02	-6.26E+00
3.50E+01	-9.30E+01	1.73E+02	-1.22E-02	-6.26E+00
3.50E+01	-9.30E+01	1.73E+02	-2.20E-02	-6.25E+00
3.50E+01	-9.30E+01	1.73E+02	-3.42E-02	-6.26E+00
3.50E+01	-9.30E+01	1.73E+02	-1.59E-02	-6.25E+00
3.50E+01	-9.30E+01	1.73E+02	-3.17E-02	-6.26E+00
3.51E+01	-9.30E+01	1.73E+02	-6.10E-03	-6.25E+00
3.51E+01	-9.30E+01	1.73E+02	-2.69E-02	-6.25E+00
3.51E+01	-9.30E+01	1.73E+02	-1.22E-02	-6.25E+00
3.51E+01	-9.30E+01	1.73E+02	-1.71E-02	-6.25E+00
3.51E+01	-9.30E+01	1.73E+02	1.22E-02	-6.25E+00
3.52E+01	-9.30E+01	1.73E+02	4.88E-03	-6.22E+00
3.52E+01	-9.30E+01	1.73E+02	-2.44E-02	-6.24E+00
3.52E+01	-9.30E+01	1.73E+02	-2.32E-02	-6.23E+00
3.52E+01	-9.30E+01	1.73E+02	-3.17E-02	-6.24E+00
3.52E+01	-9.30E+01	1.73E+02	-2.44E-03	-6.23E+00
3.53E+01	-9.30E+01	1.73E+02	-1.71E-02	-6.23E+00
3.53E+01	-9.30E+01	1.73E+02	-1.46E-02	-6.23E+00
3.53E+01	-9.30E+01	1.73E+02	-3.66E-02	-6.24E+00
3.53E+01	-9.30E+01	1.73E+02	1.22E-03	-6.22E+00
3.53E+01	-9.30E+01	1.73E+02	-2.93E-02	-6.23E+00
3.54E+01	-9.30E+01	1.73E+02	-6.10E-03	-6.23E+00
3.54E+01	-9.30E+01	1.73E+02	-3.17E-02	-6.22E+00

3.54E+01	-9.30E+01	1.73E+02	-1.46E-02	-6.23E+00
3.54E+01	-9.30E+01	1.73E+02	-1.71E-02	-6.21E+00
3.54E+01	-9.30E+01	1.73E+02	-1.71E-02	-6.22E+00
3.55E+01	-9.30E+01	1.73E+02	-6.10E-03	-6.20E+00
3.55E+01	-9.30E+01	1.73E+02	-7.81E-02	-6.22E+00
3.55E+01	-9.30E+01	1.73E+02	-1.59E-02	-6.20E+00
3.55E+01	-9.30E+01	1.73E+02	-3.42E-02	-6.21E+00
3.55E+01	-9.30E+01	1.73E+02	0.00E+00	-6.20E+00
3.56E+01	-9.30E+01	1.73E+02	-2.81E-02	-6.21E+00
3.56E+01	-9.30E+01	1.73E+02	0.00E+00	-6.20E+00
3.56E+01	-9.30E+01	1.73E+02	-2.81E-02	-6.21E+00
3.56E+01	-9.30E+01	1.73E+02	-1.22E-02	-6.19E+00
3.56E+01	-9.30E+01	1.73E+02	-1.95E-02	-6.20E+00
3.57E+01	-9.30E+01	1.73E+02	-1.10E-02	-6.19E+00
3.57E+01	-9.30E+01	1.73E+02	-2.69E-02	-6.20E+00
3.57E+01	-9.30E+01	1.73E+02	-4.88E-03	-6.19E+00
3.57E+01	-9.30E+01	1.73E+02	-2.44E-02	-6.20E+00
3.57E+01	-9.30E+01	1.73E+02	-1.34E-02	-6.19E+00
3.58E+01	-9.30E+01	1.73E+02	-1.95E-02	-6.20E+00
3.58E+01	-9.30E+01	1.73E+02	-1.71E-02	-6.19E+00
3.58E+01	-9.30E+01	1.72E+02	-2.20E-02	-6.21E+00
3.58E+01	-9.30E+01	1.72E+02	0.00E+00	-6.17E+00
3.58E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.18E+00
3.59E+01	-9.30E+01	1.72E+02	-7.32E-03	-6.18E+00
3.59E+01	-9.30E+01	1.73E+02	-2.44E-02	-6.18E+00
3.59E+01	-9.30E+01	1.73E+02	-3.66E-03	-6.18E+00
3.59E+01	-9.30E+01	1.73E+02	-1.95E-02	-6.18E+00
3.59E+01	-9.30E+01	1.73E+02	-1.46E-02	-6.17E+00
3.60E+01	-9.30E+01	1.72E+02	-2.56E-02	-6.18E+00
3.60E+01	-9.30E+01	1.72E+02	-2.44E-03	-6.17E+00
3.60E+01	-9.30E+01	1.73E+02	-3.42E-02	-6.17E+00
3.60E+01	-9.30E+01	1.72E+02	0.00E+00	-6.17E+00
3.60E+01	-9.30E+01	1.72E+02	-2.93E-02	-6.16E+00
3.61E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.17E+00
3.61E+01	-9.30E+01	1.72E+02	-1.71E-02	-6.15E+00
3.61E+01	-9.30E+01	1.72E+02	-3.91E-02	-6.17E+00
3.61E+01	-9.30E+01	1.72E+02	1.71E-02	-6.15E+00
3.61E+01	-9.30E+01	1.72E+02	-2.93E-02	-6.17E+00
3.62E+01	-9.30E+01	1.72E+02	-7.32E-03	-6.16E+00
3.62E+01	-9.30E+01	1.72E+02	-3.42E-02	-6.16E+00
3.62E+01	-9.30E+01	1.72E+02	-6.10E-03	-6.15E+00
3.62E+01	-9.30E+01	1.72E+02	-2.93E-02	-6.16E+00
3.62E+01	-9.30E+01	1.72E+02	-7.32E-03	-6.16E+00
3.63E+01	-9.30E+01	1.72E+02	-2.81E-02	-6.14E+00
3.63E+01	-9.30E+01	1.72E+02	-2.20E-02	-6.15E+00
3.63E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.14E+00
3.63E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.15E+00

3.63E+01	-9.30E+01	1.72E+02	-4.88E-03	-6.13E+00
3.64E+01	-9.30E+01	1.72E+02	-3.05E-02	-6.14E+00
3.64E+01	-9.30E+01	1.72E+02	-2.44E-03	-6.14E+00
3.64E+01	-9.30E+01	1.72E+02	-3.17E-02	-6.14E+00
3.64E+01	-9.30E+01	1.72E+02	-7.32E-03	-6.12E+00
3.64E+01	-9.30E+01	1.72E+02	-4.39E-02	-6.14E+00
3.65E+01	-9.30E+01	1.72E+02	1.34E-02	-6.13E+00
3.65E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.14E+00
3.65E+01	-9.30E+01	1.72E+02	-1.46E-02	-6.13E+00
3.65E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.12E+00
3.65E+01	-9.30E+01	1.72E+02	-2.44E-03	-6.12E+00
3.66E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.12E+00
3.66E+01	-9.30E+01	1.72E+02	-4.88E-03	-6.12E+00
3.66E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.12E+00
3.66E+01	-9.30E+01	1.72E+02	-7.32E-03	-6.12E+00
3.66E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.11E+00
3.67E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.12E+00
3.67E+01	-9.30E+01	1.72E+02	-1.22E-02	-6.11E+00
3.67E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.12E+00
3.67E+01	-9.30E+01	1.72E+02	-8.54E-03	-6.10E+00
3.67E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.11E+00
3.68E+01	-9.30E+01	1.72E+02	0.00E+00	-6.10E+00
3.68E+01	-9.30E+01	1.72E+02	-3.78E-02	-6.11E+00
3.68E+01	-9.30E+01	1.72E+02	-1.34E-02	-6.11E+00
3.68E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.11E+00
3.68E+01	-9.30E+01	1.72E+02	9.77E-03	-6.09E+00
3.69E+01	-9.30E+01	1.72E+02	-2.20E-02	-6.10E+00
3.69E+01	-9.30E+01	1.72E+02	-1.71E-02	-6.10E+00
3.69E+01	-9.30E+01	1.72E+02	-1.22E-02	-6.09E+00
3.69E+01	-9.30E+01	1.72E+02	-3.17E-02	-6.10E+00
3.69E+01	-9.30E+01	1.72E+02	2.44E-03	-6.08E+00
3.70E+01	-9.30E+01	1.72E+02	-3.66E-02	-6.10E+00
3.70E+01	-9.30E+01	1.72E+02	-8.54E-03	-6.09E+00
3.70E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.09E+00
3.70E+01	-9.30E+01	1.72E+02	-7.32E-03	-6.08E+00
3.70E+01	-9.30E+01	1.72E+02	-2.93E-02	-6.08E+00
3.71E+01	-9.30E+01	1.72E+02	1.22E-03	-6.08E+00
3.71E+01	-9.30E+01	1.72E+02	-2.20E-02	-6.07E+00
3.71E+01	-9.30E+01	1.72E+02	-1.59E-02	-6.08E+00
3.71E+01	-9.30E+01	1.72E+02	-2.08E-02	-6.07E+00
3.71E+01	-9.30E+01	1.72E+02	1.59E-02	-6.08E+00
3.72E+01	-9.30E+01	1.72E+02	-1.95E-02	-6.06E+00
3.72E+01	-9.30E+01	1.72E+02	-1.59E-02	-6.07E+00
3.72E+01	-9.30E+01	1.72E+02	-3.66E-02	-6.06E+00
3.72E+01	-9.30E+01	1.72E+02	4.88E-03	-6.07E+00
3.72E+01	-9.30E+01	1.72E+02	-4.88E-03	-6.06E+00
3.73E+01	-9.30E+01	1.72E+02	-1.22E-02	-6.07E+00

3.73E+01	-9.30E+01	1.72E+02	-2.44E-03	-6.05E+00
3.73E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.06E+00
3.73E+01	-9.30E+01	1.72E+02	0.00E+00	-6.06E+00
3.73E+01	-9.30E+01	1.72E+02	-3.91E-02	-6.06E+00
3.74E+01	-9.30E+01	1.72E+02	-4.88E-03	-6.06E+00
3.74E+01	-9.30E+01	1.72E+02	-1.46E-02	-6.04E+00
3.74E+01	-9.30E+01	1.72E+02	-2.81E-02	-6.06E+00
3.74E+01	-9.30E+01	1.72E+02	-7.32E-03	-6.05E+00
3.74E+01	-9.30E+01	1.72E+02	-3.17E-02	-6.05E+00
3.75E+01	-9.30E+01	1.72E+02	0.00E+00	-6.04E+00
3.75E+01	-9.30E+01	1.72E+02	-1.46E-02	-6.05E+00
3.75E+01	-9.30E+01	1.71E+02	-1.22E-02	-6.05E+00
3.75E+01	-9.30E+01	1.72E+02	1.71E-02	-6.04E+00
3.75E+01	-9.30E+01	1.72E+02	-1.59E-02	-6.05E+00
3.76E+01	-9.30E+01	1.71E+02	-2.20E-02	-6.03E+00
3.76E+01	-9.30E+01	1.71E+02	-2.93E-02	-6.04E+00
3.76E+01	-9.30E+01	1.72E+02	0.00E+00	-6.04E+00
3.76E+01	-9.30E+01	1.72E+02	-2.69E-02	-6.03E+00
3.76E+01	-9.30E+01	1.71E+02	-2.81E-02	-6.04E+00
3.77E+01	-9.30E+01	1.72E+02	-1.34E-02	-6.03E+00
3.77E+01	-9.30E+01	1.72E+02	-2.20E-02	-6.03E+00
3.77E+01	-9.30E+01	1.72E+02	1.22E-03	-6.02E+00
3.77E+01	-9.30E+01	1.72E+02	-3.17E-02	-6.03E+00
3.77E+01	-9.30E+01	1.72E+02	-9.77E-03	-6.02E+00
3.78E+01	-9.30E+01	1.72E+02	-2.32E-02	-6.02E+00
3.78E+01	-9.30E+01	1.71E+02	-1.34E-02	-6.02E+00
3.78E+01	-9.30E+01	1.72E+02	-8.54E-03	-6.02E+00
3.78E+01	-9.30E+01	1.72E+02	-2.93E-02	-6.02E+00
3.78E+01	-9.30E+01	1.72E+02	0.00E+00	-6.01E+00
3.79E+01	-9.30E+01	1.72E+02	-2.44E-02	-6.01E+00
3.79E+01	-9.30E+01	1.72E+02	1.10E-02	-6.02E+00
3.79E+01	-9.30E+01	1.71E+02	-2.08E-02	-6.01E+00
3.79E+01	-9.30E+01	1.71E+02	-1.95E-02	-6.01E+00
3.79E+01	-9.30E+01	1.71E+02	-7.32E-03	-6.00E+00
3.80E+01	-9.30E+01	1.71E+02	-3.91E-02	-6.01E+00
3.80E+01	-9.30E+01	1.71E+02	-4.88E-03	-6.00E+00
3.80E+01	-9.30E+01	1.72E+02	-1.46E-02	-6.00E+00
3.80E+01	-9.30E+01	1.71E+02	-1.71E-02	-6.00E+00
3.80E+01	-9.30E+01	1.72E+02	-1.71E-02	-5.99E+00
3.81E+01	-9.30E+01	1.71E+02	-1.22E-02	-6.00E+00
3.81E+01	-9.30E+01	1.72E+02	-2.56E-02	-5.99E+00
3.81E+01	-9.30E+01	1.71E+02	-4.88E-03	-6.00E+00
3.81E+01	-9.30E+01	1.72E+02	-1.59E-02	-5.99E+00
3.81E+01	-9.30E+01	1.71E+02	-1.10E-02	-5.99E+00
3.82E+01	-9.30E+01	1.71E+02	-1.83E-02	-5.99E+00
3.82E+01	-9.30E+01	1.71E+02	-2.20E-02	-6.00E+00
3.82E+01	-9.30E+01	1.72E+02	4.88E-03	-5.98E+00

3.82E+01	-9.30E+01	1.71E+02	-2.93E-02	-6.00E+00
3.82E+01	-9.30E+01	1.71E+02	-2.69E-02	-5.98E+00
3.83E+01	-9.30E+01	1.71E+02	-3.66E-02	-5.99E+00
3.83E+01	-9.30E+01	1.71E+02	-2.44E-03	-5.97E+00
3.83E+01	-9.30E+01	1.71E+02	-2.93E-02	-5.98E+00
3.83E+01	-9.30E+01	1.71E+02	4.88E-03	-5.97E+00
3.83E+01	-9.30E+01	1.71E+02	-3.66E-02	-5.97E+00
3.84E+01	-9.30E+01	1.71E+02	1.22E-03	-5.98E+00
3.84E+01	-9.30E+01	1.71E+02	-2.44E-02	-5.96E+00
3.84E+01	-9.30E+01	1.71E+02	-1.95E-02	-5.97E+00
3.84E+01	-9.30E+01	1.71E+02	-7.32E-03	-5.96E+00
3.84E+01	-9.30E+01	1.71E+02	-2.69E-02	-5.97E+00
3.85E+01	-9.30E+01	1.71E+02	-9.77E-03	-5.96E+00
3.85E+01	-9.30E+01	1.71E+02	-2.93E-02	-5.97E+00
3.85E+01	-9.30E+01	1.71E+02	0.00E+00	-5.96E+00
3.85E+01	-9.30E+01	1.71E+02	-2.44E-02	-5.96E+00
3.85E+01	-9.30E+01	1.71E+02	-9.77E-03	-5.96E+00
3.86E+01	-9.30E+01	1.71E+02	-4.39E-02	-5.94E+00
3.86E+01	-9.30E+01	1.71E+02	-1.46E-02	-5.95E+00
3.86E+01	-9.30E+01	1.72E+02	-3.54E-02	-5.95E+00
3.86E+01	-9.30E+01	1.71E+02	9.77E-03	-5.96E+00
3.86E+01	-9.30E+01	1.71E+02	-3.42E-02	-5.95E+00
3.87E+01	-9.30E+01	1.71E+02	-3.30E-02	-5.95E+00
3.87E+01	-9.30E+01	1.71E+02	-1.83E-02	-5.94E+00
3.87E+01	-9.30E+01	1.71E+02	-2.69E-02	-5.95E+00
3.87E+01	-9.30E+01	1.71E+02	1.46E-02	-5.94E+00
3.87E+01	-9.30E+01	1.71E+02	-2.93E-02	-5.94E+00
3.88E+01	-9.30E+01	1.71E+02	-2.44E-03	-5.94E+00
3.88E+01	-9.30E+01	1.71E+02	-1.71E-02	-5.94E+00
3.88E+01	-9.30E+01	1.71E+02	-1.22E-02	-5.94E+00
3.88E+01	-9.30E+01	1.71E+02	-1.59E-02	-5.93E+00
3.88E+01	-9.30E+01	1.71E+02	-1.71E-02	-5.93E+00
3.89E+01	-9.30E+01	1.71E+02	-9.77E-03	-5.92E+00
3.89E+01	-9.30E+01	1.71E+02	-2.20E-02	-5.93E+00
3.89E+01	-9.30E+01	1.71E+02	-1.46E-02	-5.92E+00
3.89E+01	-9.30E+01	1.71E+02	-2.69E-02	-5.93E+00
3.89E+01	-9.30E+01	1.71E+02	2.93E-02	-5.92E+00
3.90E+01	-9.30E+01	1.71E+02	-8.54E-03	-5.92E+00
3.90E+01	-9.30E+01	1.71E+02	4.88E-03	-5.92E+00
3.90E+01	-9.30E+01	1.71E+02	-4.88E-02	-5.91E+00
3.90E+01	-9.30E+01	1.71E+02	-2.32E-02	-5.92E+00
3.90E+01	-9.30E+01	1.71E+02	-2.44E-03	-5.91E+00
3.91E+01	-9.30E+01	1.71E+02	0.00E+00	-5.91E+00
3.91E+01	-9.30E+01	1.71E+02	-2.69E-02	-5.91E+00
3.91E+01	-9.30E+01	1.71E+02	-4.88E-03	-5.91E+00
3.91E+01	-9.30E+01	1.71E+02	-3.17E-02	-5.90E+00
3.91E+01	-9.30E+01	1.71E+02	-7.32E-03	-5.91E+00

3.92E+01	-9.30E+01	1.71E+02	-7.32E-03	-5.89E+00
3.92E+01	-9.30E+01	1.71E+02	-2.08E-02	-5.91E+00
3.92E+01	-9.30E+01	1.71E+02	-6.10E-03	-5.89E+00
3.92E+01	-9.30E+01	1.71E+02	-2.44E-02	-5.90E+00
3.92E+01	-9.30E+01	1.71E+02	-3.66E-03	-5.90E+00
3.93E+01	-9.30E+01	1.71E+02	-3.17E-02	-5.89E+00
3.93E+01	-9.30E+01	1.71E+02	-2.44E-03	-5.89E+00
3.93E+01	-9.30E+01	1.71E+02	-2.56E-02	-5.89E+00
3.93E+01	-9.30E+01	1.70E+02	-1.95E-02	-5.90E+00
3.93E+01	-9.30E+01	1.71E+02	-9.77E-03	-5.88E+00
3.94E+01	-9.30E+01	1.71E+02	-4.27E-02	-5.89E+00
3.94E+01	-9.30E+01	1.71E+02	-4.88E-03	-5.89E+00
3.94E+01	-9.30E+01	1.71E+02	-1.95E-02	-5.87E+00
3.94E+01	-9.30E+01	1.71E+02	4.88E-03	-5.88E+00
3.94E+01	-9.30E+01	1.71E+02	-3.17E-02	-5.88E+00
3.95E+01	-9.30E+01	1.71E+02	-2.93E-02	-5.89E+00
3.95E+01	-9.30E+01	1.70E+02	-9.77E-03	-5.87E+00
3.95E+01	-9.30E+01	1.71E+02	-2.81E-02	-5.87E+00
3.95E+01	-9.30E+01	1.71E+02	-6.10E-03	-5.87E+00
3.95E+01	-9.30E+01	1.71E+02	-2.93E-02	-5.87E+00
3.96E+01	-9.30E+01	1.71E+02	-7.32E-03	-5.87E+00
3.96E+01	-9.30E+01	1.70E+02	-2.93E-02	-5.87E+00
3.96E+01	-9.30E+01	1.71E+02	-8.54E-03	-5.86E+00
3.96E+01	-9.30E+01	1.71E+02	-2.93E-02	-5.86E+00
3.96E+01	-9.30E+01	1.71E+02	-3.66E-03	-5.87E+00
3.97E+01	-9.30E+01	1.71E+02	-1.71E-02	-5.85E+00
3.97E+01	-9.30E+01	1.70E+02	-4.64E-02	-5.87E+00
3.97E+01	-9.30E+01	1.71E+02	-3.91E-02	-5.85E+00
3.97E+01	-9.30E+01	1.71E+02	-2.69E-02	-5.86E+00
3.97E+01	-9.30E+01	1.70E+02	2.44E-03	-5.85E+00
3.98E+01	-9.30E+01	1.71E+02	-3.17E-02	-5.85E+00
3.98E+01	-9.30E+01	1.71E+02	-1.95E-02	-5.86E+00
3.98E+01	-9.30E+01	1.71E+02	-2.44E-03	-5.84E+00
3.98E+01	-9.30E+01	1.70E+02	-2.93E-02	-5.86E+00
3.98E+01	-9.30E+01	1.71E+02	-1.10E-02	-5.84E+00
3.99E+01	-9.30E+01	1.71E+02	-4.88E-02	-5.85E+00
3.99E+01	-9.30E+01	1.70E+02	-9.77E-03	-5.85E+00
3.99E+01	-9.30E+01	1.70E+02	-2.44E-02	-5.84E+00
3.99E+01	-9.30E+01	1.70E+02	-9.77E-03	-5.84E+00
3.99E+01	-9.30E+01	1.70E+02	-2.32E-02	-5.83E+00
4.00E+01	-9.30E+01	1.70E+02	-1.46E-02	-5.84E+00
4.00E+01	-9.30E+01	1.71E+02	-1.71E-02	-5.83E+00
4.00E+01	-9.30E+01	1.70E+02	-1.71E-02	-5.83E+00
4.00E+01	-9.30E+01	1.70E+02	-1.71E-02	-5.83E+00
4.00E+01	-9.30E+01	1.70E+02	-2.69E-02	-5.83E+00
4.01E+01	-9.30E+01	1.70E+02	-1.71E-02	-5.81E+00
4.01E+01	-9.30E+01	1.70E+02	-3.54E-02	-5.83E+00

4.01E+01	-9.30E+01	1.70E+02	-1.95E-02	-5.81E+00
4.01E+01	-9.30E+01	1.70E+02	-3.54E-02	-5.83E+00
4.01E+01	-9.30E+01	1.70E+02	3.66E-03	-5.81E+00
4.02E+01	-9.30E+01	1.70E+02	-1.71E-02	-5.82E+00
4.02E+01	-9.30E+01	1.70E+02	-8.54E-03	-5.81E+00
4.02E+01	-9.30E+01	1.70E+02	-1.22E-02	-5.82E+00
4.02E+01	-9.30E+01	1.70E+02	-7.32E-03	-5.81E+00
4.02E+01	-9.30E+01	1.70E+02	-2.56E-02	-5.81E+00
4.03E+01	-9.30E+01	1.70E+02	3.66E-03	-5.81E+00
4.03E+01	-9.30E+01	1.70E+02	-2.44E-02	-5.80E+00
4.03E+01	-9.30E+01	1.70E+02	-1.22E-02	-5.81E+00
4.03E+01	-9.30E+01	1.70E+02	-1.10E-02	-5.80E+00
4.03E+01	-9.30E+01	1.70E+02	-2.08E-02	-5.81E+00
4.04E+01	-9.30E+01	1.70E+02	-4.88E-03	-5.79E+00
4.04E+01	-9.30E+01	1.70E+02	-3.42E-02	-5.80E+00
4.04E+01	-9.30E+01	1.70E+02	0.00E+00	-5.81E+00
4.04E+01	-9.30E+01	1.70E+02	-1.10E-02	-5.79E+00
4.04E+01	-9.30E+01	1.70E+02	-2.20E-02	-5.79E+00
4.05E+01	-9.30E+01	1.70E+02	-1.95E-02	-5.79E+00
4.05E+01	-9.30E+01	1.70E+02	-3.91E-02	-5.80E+00
4.05E+01	-9.30E+01	1.70E+02	-4.88E-03	-5.79E+00
4.05E+01	-9.30E+01	1.70E+02	-3.17E-02	-5.79E+00
4.05E+01	-9.30E+01	1.70E+02	-4.88E-03	-5.79E+00
4.06E+01	-9.30E+01	1.70E+02	-3.05E-02	-5.78E+00
4.06E+01	-9.30E+01	1.70E+02	-1.71E-02	-5.79E+00
4.06E+01	-9.30E+01	1.70E+02	-8.54E-03	-5.77E+00
4.06E+01	-9.30E+01	1.70E+02	-2.81E-02	-5.78E+00
4.06E+01	-9.30E+01	1.70E+02	1.22E-03	-5.78E+00
4.07E+01	-9.30E+01	1.70E+02	-3.54E-02	-5.78E+00
4.07E+01	-9.30E+01	1.70E+02	-7.32E-03	-5.78E+00
4.07E+01	-9.30E+01	1.70E+02	-1.46E-02	-5.77E+00
4.07E+01	-9.30E+01	1.70E+02	-2.20E-02	-5.78E+00
4.07E+01	-9.30E+01	1.70E+02	-7.32E-03	-5.77E+00
4.08E+01	-9.30E+01	1.70E+02	4.88E-03	-5.77E+00
4.08E+01	-9.30E+01	1.70E+02	-3.66E-02	-5.75E+00
4.08E+01	-9.30E+01	1.70E+02	-2.69E-02	-5.76E+00
4.08E+01	-9.30E+01	1.70E+02	-2.20E-02	-5.78E+00
4.08E+01	-9.30E+01	1.70E+02	-2.08E-02	-5.75E+00
4.09E+01	-9.30E+01	1.70E+02	-1.95E-02	-5.76E+00
4.09E+01	-9.30E+01	1.70E+02	-9.77E-03	-5.76E+00
4.09E+01	-9.30E+01	1.70E+02	-1.71E-02	-5.76E+00
4.09E+01	-9.30E+01	1.70E+02	-8.54E-03	-5.75E+00
4.09E+01	-9.30E+01	1.70E+02	-2.69E-02	-5.75E+00
4.10E+01	-9.30E+01	1.70E+02	-1.71E-02	-5.76E+00
4.10E+01	-9.30E+01	1.70E+02	-1.46E-02	-5.74E+00
4.10E+01	-9.30E+01	1.69E+02	-2.44E-02	-5.75E+00
4.10E+01	-9.30E+01	1.70E+02	-3.66E-03	-5.74E+00

4.10E+01	-9.30E+01	1.70E+02	-3.66E-02	-5.75E+00
4.11E+01	-9.30E+01	1.70E+02	0.00E+00	-5.74E+00
4.11E+01	-9.30E+01	1.70E+02	-2.32E-02	-5.74E+00
4.11E+01	-9.30E+01	1.69E+02	-1.46E-02	-5.74E+00
4.11E+01	-9.30E+01	1.70E+02	-3.66E-02	-5.73E+00
4.11E+01	-9.30E+01	1.69E+02	-3.17E-02	-5.75E+00
4.12E+01	-9.30E+01	1.70E+02	3.42E-02	-5.73E+00
4.12E+01	-9.30E+01	1.69E+02	-8.54E-03	-5.73E+00
4.12E+01	-9.30E+01	1.69E+02	-1.22E-02	-5.73E+00
4.12E+01	-9.30E+01	1.70E+02	-3.17E-02	-5.73E+00
4.12E+01	-9.30E+01	1.69E+02	-1.95E-02	-5.73E+00
4.13E+01	-9.30E+01	1.70E+02	-2.69E-02	-5.73E+00
4.13E+01	-9.30E+01	1.69E+02	2.44E-03	-5.73E+00
4.13E+01	-9.30E+01	1.70E+02	-1.83E-02	-5.72E+00
4.13E+01	-9.30E+01	1.69E+02	-1.83E-02	-5.73E+00
4.13E+01	-9.30E+01	1.69E+02	-1.22E-02	-5.71E+00
4.14E+01	-9.30E+01	1.70E+02	-2.93E-02	-5.72E+00
4.14E+01	-9.30E+01	1.69E+02	-1.22E-02	-5.72E+00
4.14E+01	-9.30E+01	1.70E+02	-1.22E-02	-5.71E+00
4.14E+01	-9.30E+01	1.69E+02	-2.81E-02	-5.72E+00
4.14E+01	-9.30E+01	1.69E+02	-2.44E-03	-5.71E+00
4.15E+01	-9.30E+01	1.70E+02	-1.22E-02	-5.72E+00
4.15E+01	-9.30E+01	1.70E+02	-1.22E-02	-5.70E+00
4.15E+01	-9.30E+01	1.69E+02	-2.20E-02	-5.72E+00
4.15E+01	-9.30E+01	1.69E+02	-2.44E-02	-5.71E+00
4.15E+01	-9.30E+01	1.70E+02	-7.32E-03	-5.70E+00
4.16E+01	-9.30E+01	1.70E+02	-1.83E-02	-5.70E+00
4.16E+01	-9.30E+01	1.69E+02	1.10E-02	-5.69E+00
4.16E+01	-9.30E+01	1.69E+02	-2.81E-02	-5.70E+00
4.16E+01	-9.30E+01	1.69E+02	-2.08E-02	-5.70E+00
4.16E+01	-9.30E+01	1.70E+02	-1.22E-02	-5.68E+00
4.17E+01	-9.30E+01	1.69E+02	-2.44E-02	-5.70E+00
4.17E+01	-9.30E+01	1.69E+02	-6.10E-03	-5.69E+00
4.17E+01	-9.30E+01	1.69E+02	-2.81E-02	-5.69E+00
4.17E+01	-9.30E+01	1.69E+02	-1.22E-02	-5.69E+00
4.17E+01	-9.30E+01	1.69E+02	-2.08E-02	-5.68E+00
4.18E+01	-9.30E+01	1.69E+02	-2.56E-02	-5.68E+00
4.18E+01	-9.30E+01	1.69E+02	2.44E-02	-5.68E+00
4.18E+01	-9.30E+01	1.69E+02	3.66E-03	-5.69E+00
4.18E+01	-9.30E+01	1.70E+02	0.00E+00	-5.66E+00
4.18E+01	-9.30E+01	1.69E+02	-4.39E-02	-5.68E+00
4.19E+01	-9.30E+01	1.69E+02	-8.54E-03	-5.69E+00
4.19E+01	-9.30E+01	1.69E+02	-2.20E-02	-5.68E+00
4.19E+01	-9.30E+01	1.69E+02	-2.20E-02	-5.67E+00
4.19E+01	-9.30E+01	1.69E+02	-1.46E-02	-5.66E+00
4.19E+01	-9.30E+01	1.69E+02	-2.69E-02	-5.67E+00
4.20E+01	-9.30E+01	1.69E+02	-1.83E-02	-5.66E+00

4.20E+01	-9.30E+01	1.69E+02	-2.08E-02	-5.67E+00
4.20E+01	-9.30E+01	1.69E+02	-1.59E-02	-5.65E+00
4.20E+01	-9.30E+01	1.69E+02	-2.56E-02	-5.67E+00
4.20E+01	-9.30E+01	1.69E+02	2.44E-03	-5.66E+00
4.21E+01	-9.30E+01	1.68E+02	-3.42E-02	-5.66E+00
4.21E+01	-9.30E+01	1.69E+02	-4.88E-03	-5.66E+00
4.21E+01	-9.30E+01	1.69E+02	-2.69E-02	-5.65E+00
4.21E+01	-9.30E+01	1.69E+02	-2.44E-02	-5.65E+00
4.21E+01	-9.30E+01	1.69E+02	-4.52E-02	-5.65E+00
4.22E+01	-9.30E+01	1.69E+02	-2.69E-02	-5.65E+00
4.22E+01	-9.30E+01	1.69E+02	-2.93E-02	-5.64E+00
4.22E+01	-9.30E+01	1.69E+02	3.66E-03	-5.66E+00
4.22E+01	-9.30E+01	1.69E+02	-2.69E-02	-5.64E+00
4.22E+01	-9.30E+01	1.68E+02	-9.77E-03	-5.65E+00
4.23E+01	-9.30E+01	1.69E+02	-2.20E-02	-5.63E+00
4.23E+01	-9.30E+01	1.69E+02	-3.17E-02	-5.64E+00
4.23E+01	-9.30E+01	1.69E+02	4.88E-03	-5.64E+00
4.23E+01	-9.30E+01	1.69E+02	-2.32E-02	-5.63E+00
4.23E+01	-9.30E+01	1.69E+02	0.00E+00	-5.64E+00
4.24E+01	-9.30E+01	1.69E+02	-2.69E-02	-5.63E+00
4.24E+01	-9.30E+01	1.69E+02	-1.22E-02	-5.63E+00
4.24E+01	-9.30E+01	1.69E+02	-1.34E-02	-5.62E+00
4.24E+01	-9.30E+01	1.69E+02	-3.05E-02	-5.63E+00
4.24E+01	-9.30E+01	1.69E+02	3.66E-03	-5.62E+00
4.25E+01	-9.30E+01	1.69E+02	-4.88E-02	-5.62E+00
4.25E+01	-9.30E+01	1.69E+02	1.59E-02	-5.62E+00
4.25E+01	-9.30E+01	1.68E+02	-3.91E-02	-5.63E+00
4.25E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.61E+00
4.25E+01	-9.30E+01	1.69E+02	-2.44E-03	-5.61E+00
4.26E+01	-9.30E+01	1.69E+02	-3.17E-02	-5.61E+00
4.26E+01	-9.30E+01	1.68E+02	-1.95E-02	-5.61E+00
4.26E+01	-9.30E+01	1.68E+02	-1.83E-02	-5.62E+00
4.26E+01	-9.30E+01	1.69E+02	-1.22E-02	-5.60E+00
4.26E+01	-9.30E+01	1.69E+02	-2.08E-02	-5.61E+00
4.27E+01	-9.30E+01	1.69E+02	-4.88E-03	-5.60E+00
4.27E+01	-9.30E+01	1.69E+02	-2.81E-02	-5.61E+00
4.27E+01	-9.30E+01	1.69E+02	0.00E+00	-5.60E+00
4.27E+01	-9.30E+01	1.69E+02	-2.56E-02	-5.60E+00
4.27E+01	-9.30E+01	1.68E+02	-7.32E-03	-5.60E+00
4.28E+01	-9.30E+01	1.68E+02	-2.20E-02	-5.60E+00
4.28E+01	-9.30E+01	1.68E+02	-1.34E-02	-5.58E+00
4.28E+01	-9.30E+01	1.69E+02	-4.39E-02	-5.59E+00
4.28E+01	-9.30E+01	1.69E+02	-4.88E-03	-5.58E+00
4.28E+01	-9.30E+01	1.69E+02	-1.95E-02	-5.58E+00
4.29E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.59E+00
4.29E+01	-9.30E+01	1.69E+02	-2.08E-02	-5.58E+00
4.29E+01	-9.30E+01	1.68E+02	-2.20E-02	-5.60E+00

4.29E+01	-9.30E+01	1.69E+02	-1.83E-02	-5.58E+00
4.29E+01	-9.30E+01	1.68E+02	-3.91E-02	-5.58E+00
4.30E+01	-9.30E+01	1.68E+02	0.00E+00	-5.58E+00
4.30E+01	-9.30E+01	1.69E+02	-2.20E-02	-5.59E+00
4.30E+01	-9.30E+01	1.68E+02	-7.32E-03	-5.57E+00
4.30E+01	-9.30E+01	1.68E+02	-2.20E-02	-5.59E+00
4.30E+01	-9.30E+01	1.68E+02	-7.32E-03	-5.57E+00
4.31E+01	-9.30E+01	1.68E+02	-2.81E-02	-5.58E+00
4.31E+01	-9.30E+01	1.69E+02	-7.32E-03	-5.57E+00
4.31E+01	-9.30E+01	1.68E+02	-2.93E-02	-5.57E+00
4.31E+01	-9.30E+01	1.68E+02	-9.77E-03	-5.58E+00
4.31E+01	-9.30E+01	1.69E+02	1.95E-02	-5.56E+00
4.32E+01	-9.30E+01	1.68E+02	-6.10E-03	-5.56E+00
4.32E+01	-9.30E+01	1.68E+02	-2.44E-02	-5.56E+00
4.32E+01	-9.30E+01	1.68E+02	-3.42E-02	-5.56E+00
4.32E+01	-9.30E+01	1.68E+02	-4.88E-03	-5.57E+00
4.32E+01	-9.30E+01	1.68E+02	-3.42E-02	-5.56E+00
4.33E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.57E+00
4.33E+01	-9.30E+01	1.68E+02	-7.32E-03	-5.55E+00
4.33E+01	-9.30E+01	1.68E+02	-2.93E-02	-5.56E+00
4.33E+01	-9.30E+01	1.68E+02	-3.66E-03	-5.55E+00
4.33E+01	-9.30E+01	1.68E+02	-3.54E-02	-5.55E+00
4.34E+01	-9.30E+01	1.68E+02	0.00E+00	-5.55E+00
4.34E+01	-9.30E+01	1.68E+02	-2.93E-02	-5.54E+00
4.34E+01	-9.30E+01	1.68E+02	-1.46E-02	-5.55E+00
4.34E+01	-9.30E+01	1.68E+02	-2.20E-02	-5.54E+00
4.34E+01	-9.30E+01	1.68E+02	-4.64E-02	-5.54E+00
4.35E+01	-9.30E+01	1.68E+02	-2.44E-03	-5.54E+00
4.35E+01	-9.30E+01	1.69E+02	-3.30E-02	-5.53E+00
4.35E+01	-9.30E+01	1.68E+02	0.00E+00	-5.53E+00
4.35E+01	-9.30E+01	1.68E+02	-2.44E-02	-5.54E+00
4.35E+01	-9.30E+01	1.68E+02	-1.10E-02	-5.53E+00
4.36E+01	-9.30E+01	1.68E+02	-3.54E-02	-5.53E+00
4.36E+01	-9.30E+01	1.68E+02	-2.69E-02	-5.53E+00
4.36E+01	-9.30E+01	1.68E+02	-1.22E-02	-5.52E+00
4.36E+01	-9.30E+01	1.68E+02	-3.66E-02	-5.53E+00
4.36E+01	-9.30E+01	1.68E+02	0.00E+00	-5.52E+00
4.37E+01	-9.30E+01	1.68E+02	-2.56E-02	-5.53E+00
4.37E+01	-9.30E+01	1.68E+02	-7.32E-03	-5.51E+00
4.37E+01	-9.30E+01	1.68E+02	-2.93E-02	-5.52E+00
4.37E+01	-9.30E+01	1.68E+02	-6.10E-03	-5.52E+00
4.37E+01	-9.30E+01	1.68E+02	-2.93E-02	-5.51E+00
4.38E+01	-9.30E+01	1.68E+02	-4.88E-03	-5.52E+00
4.38E+01	-9.30E+01	1.68E+02	9.77E-03	-5.50E+00
4.38E+01	-9.30E+01	1.68E+02	-1.46E-02	-5.53E+00
4.38E+01	-9.30E+01	1.69E+02	-2.69E-02	-5.50E+00
4.38E+01	-9.30E+01	1.68E+02	-2.32E-02	-5.51E+00

4.39E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.51E+00
4.39E+01	-9.30E+01	1.68E+02	-3.42E-02	-5.50E+00
4.39E+01	-9.30E+01	1.68E+02	-3.54E-02	-5.50E+00
4.39E+01	-9.30E+01	1.68E+02	-1.10E-02	-5.49E+00
4.39E+01	-9.30E+01	1.68E+02	-2.69E-02	-5.51E+00
4.40E+01	-9.30E+01	1.68E+02	4.88E-03	-5.49E+00
4.40E+01	-9.30E+01	1.68E+02	-4.52E-02	-5.49E+00
4.40E+01	-9.30E+01	1.68E+02	-6.10E-03	-5.49E+00
4.40E+01	-9.30E+01	1.68E+02	-2.93E-02	-5.49E+00
4.40E+01	-9.30E+01	1.68E+02	-7.32E-03	-5.49E+00
4.41E+01	-9.30E+01	1.68E+02	-1.95E-02	-5.49E+00
4.41E+01	-9.30E+01	1.68E+02	-1.34E-02	-5.48E+00
4.41E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.48E+00
4.41E+01	-9.30E+01	1.68E+02	-1.46E-02	-5.48E+00
4.41E+01	-9.30E+01	1.68E+02	-2.08E-02	-5.48E+00
4.42E+01	-9.30E+01	1.68E+02	7.32E-03	-5.48E+00
4.42E+01	-9.30E+01	1.68E+02	-2.44E-03	-5.46E+00
4.42E+01	-9.30E+01	1.68E+02	-2.20E-02	-5.48E+00
4.42E+01	-9.30E+01	1.68E+02	1.46E-02	-5.46E+00
4.42E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.48E+00
4.43E+01	-9.30E+01	1.68E+02	3.66E-03	-5.46E+00
4.43E+01	-9.30E+01	1.68E+02	-3.66E-02	-5.47E+00
4.43E+01	-9.30E+01	1.68E+02	-3.66E-03	-5.46E+00
4.43E+01	-9.30E+01	1.68E+02	-3.54E-02	-5.47E+00
4.43E+01	-9.30E+01	1.68E+02	-9.77E-03	-5.46E+00
4.44E+01	-9.30E+01	1.68E+02	-2.32E-02	-5.47E+00
4.44E+01	-9.30E+01	1.68E+02	-4.88E-03	-5.46E+00
4.44E+01	-9.30E+01	1.68E+02	-3.91E-02	-5.46E+00
4.44E+01	-9.30E+01	1.68E+02	0.00E+00	-5.46E+00
4.44E+01	-9.30E+01	1.68E+02	-2.20E-02	-5.45E+00
4.45E+01	-9.30E+01	1.68E+02	-2.08E-02	-5.46E+00
4.45E+01	-9.30E+01	1.68E+02	-9.77E-03	-5.46E+00
4.45E+01	-9.30E+01	1.68E+02	2.44E-03	-5.46E+00
4.45E+01	-9.30E+01	1.68E+02	1.22E-02	-5.44E+00
4.45E+01	-9.30E+01	1.68E+02	-1.83E-02	-5.45E+00
4.46E+01	-9.30E+01	1.68E+02	-4.88E-03	-5.45E+00
4.46E+01	-9.30E+01	1.68E+02	-3.66E-02	-5.45E+00
4.46E+01	-9.30E+01	1.68E+02	-6.10E-03	-5.44E+00
4.46E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.44E+00
4.46E+01	-9.30E+01	1.68E+02	-1.46E-02	-5.44E+00
4.47E+01	-9.30E+01	1.68E+02	-1.34E-02	-5.43E+00
4.47E+01	-9.30E+01	1.68E+02	-1.95E-02	-5.44E+00
4.47E+01	-9.30E+01	1.68E+02	-9.77E-03	-5.43E+00
4.47E+01	-9.30E+01	1.68E+02	-2.69E-02	-5.44E+00
4.47E+01	-9.30E+01	1.68E+02	-2.44E-03	-5.43E+00
4.48E+01	-9.30E+01	1.68E+02	-2.93E-02	-5.43E+00
4.48E+01	-9.30E+01	1.68E+02	-4.88E-03	-5.43E+00

4.48E+01	-9.30E+01	1.68E+02	-2.20E-02	-5.42E+00
4.48E+01	-9.30E+01	1.68E+02	-2.69E-02	-5.42E+00
4.48E+01	-9.30E+01	1.68E+02	-4.64E-02	-5.42E+00
4.49E+01	-9.30E+01	1.68E+02	-1.10E-02	-5.41E+00
4.49E+01	-9.30E+01	1.68E+02	-3.17E-02	-5.43E+00
4.49E+01	-9.30E+01	1.68E+02	-2.69E-02	-5.41E+00
4.49E+01	-9.30E+01	1.68E+02	-2.44E-02	-5.42E+00
4.49E+01	-9.30E+01	1.68E+02	-2.44E-03	-5.41E+00
4.50E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.42E+00
4.50E+01	-9.30E+01	1.68E+02	0.00E+00	-5.41E+00
4.50E+01	-9.30E+01	1.68E+02	-3.66E-02	-5.41E+00
4.50E+01	-9.30E+01	1.68E+02	-4.88E-03	-5.41E+00
4.50E+01	-9.30E+01	1.68E+02	-2.93E-02	-5.40E+00
4.51E+01	-9.30E+01	1.68E+02	-9.77E-03	-5.41E+00
4.51E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.40E+00
4.51E+01	-9.30E+01	1.68E+02	-1.46E-02	-5.40E+00
4.51E+01	-9.30E+01	1.68E+02	-1.59E-02	-5.40E+00
4.51E+01	-9.30E+01	1.68E+02	-2.44E-02	-5.40E+00
4.52E+01	-9.30E+01	1.68E+02	-9.77E-03	-5.40E+00
4.52E+01	-9.30E+01	1.68E+02	-1.10E-02	-5.40E+00
4.52E+01	-9.30E+01	1.68E+02	-2.20E-02	-5.39E+00
4.52E+01	-9.30E+01	1.68E+02	-3.17E-02	-5.39E+00
4.52E+01	-9.30E+01	1.68E+02	-7.32E-03	-5.39E+00
4.53E+01	-9.30E+01	1.68E+02	-4.15E-02	-5.39E+00
4.53E+01	-9.30E+01	1.68E+02	-1.22E-02	-5.39E+00
4.53E+01	-9.30E+01	1.68E+02	-9.77E-03	-5.37E+00
4.53E+01	-9.30E+01	1.68E+02	-3.30E-02	-5.40E+00
4.53E+01	-9.30E+01	1.68E+02	-1.22E-03	-5.38E+00
4.54E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.38E+00
4.54E+01	-9.30E+01	1.68E+02	-1.22E-02	-5.38E+00
4.54E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.37E+00
4.54E+01	-9.30E+01	1.68E+02	-3.17E-02	-5.38E+00
4.54E+01	-9.30E+01	1.68E+02	-4.88E-03	-5.37E+00
4.55E+01	-9.30E+01	1.68E+02	-2.44E-02	-5.37E+00
4.55E+01	-9.30E+01	1.68E+02	-1.22E-02	-5.36E+00
4.55E+01	-9.30E+01	1.67E+02	-3.05E-02	-5.37E+00
4.55E+01	-9.30E+01	1.68E+02	-1.95E-02	-5.37E+00
4.55E+01	-9.30E+01	1.68E+02	-3.17E-02	-5.37E+00
4.56E+01	-9.30E+01	1.67E+02	-2.56E-02	-5.38E+00
4.56E+01	-9.30E+01	1.67E+02	0.00E+00	-5.35E+00
4.56E+01	-9.30E+01	1.68E+02	-2.69E-02	-5.37E+00
4.56E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.36E+00
4.56E+01	-9.30E+01	1.68E+02	-7.32E-03	-5.35E+00
4.57E+01	-9.30E+01	1.67E+02	-3.30E-02	-5.36E+00
4.57E+01	-9.30E+01	1.68E+02	-4.88E-03	-5.35E+00
4.57E+01	-9.30E+01	1.68E+02	-2.44E-02	-5.35E+00
4.57E+01	-9.30E+01	1.68E+02	-1.22E-02	-5.34E+00

4.57E+01	-9.30E+01	1.67E+02	-2.44E-02	-5.35E+00
4.58E+01	-9.30E+01	1.67E+02	-2.44E-03	-5.34E+00
4.58E+01	-9.30E+01	1.68E+02	-3.05E-02	-5.34E+00
4.58E+01	-9.30E+01	1.67E+02	2.44E-03	-5.34E+00
4.58E+01	-9.30E+01	1.68E+02	-2.81E-02	-5.34E+00
4.58E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.34E+00
4.59E+01	-9.30E+01	1.67E+02	-3.42E-02	-5.33E+00
4.59E+01	-9.30E+01	1.67E+02	-5.13E-02	-5.34E+00
4.59E+01	-9.30E+01	1.67E+02	0.00E+00	-5.32E+00
4.59E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.34E+00
4.59E+01	-9.30E+01	1.67E+02	-9.77E-03	-5.32E+00
4.60E+01	-9.30E+01	1.68E+02	-3.17E-02	-5.32E+00
4.60E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.34E+00
4.60E+01	-9.30E+01	1.68E+02	-1.71E-02	-5.32E+00
4.60E+01	-9.30E+01	1.67E+02	-2.56E-02	-5.32E+00
4.60E+01	-9.30E+01	1.68E+02	2.44E-03	-5.32E+00
4.61E+01	-9.30E+01	1.68E+02	-2.44E-02	-5.32E+00
4.61E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.33E+00
4.61E+01	-9.30E+01	1.67E+02	-9.77E-03	-5.31E+00
4.61E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.32E+00
4.61E+01	-9.30E+01	1.67E+02	-1.22E-03	-5.31E+00
4.62E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.31E+00
4.62E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.31E+00
4.62E+01	-9.30E+01	1.67E+02	-3.17E-02	-5.31E+00
4.62E+01	-9.30E+01	1.67E+02	-1.22E-02	-5.32E+00
4.62E+01	-9.30E+01	1.68E+02	-1.59E-02	-5.29E+00
4.63E+01	-9.30E+01	1.67E+02	-4.15E-02	-5.31E+00
4.63E+01	-9.30E+01	1.68E+02	-1.59E-02	-5.30E+00
4.63E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.30E+00
4.63E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.30E+00
4.63E+01	-9.30E+01	1.67E+02	-3.66E-02	-5.29E+00
4.64E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.31E+00
4.64E+01	-9.30E+01	1.68E+02	-1.46E-02	-5.29E+00
4.64E+01	-9.30E+01	1.67E+02	-2.32E-02	-5.30E+00
4.64E+01	-9.30E+01	1.67E+02	-1.46E-02	-5.29E+00
4.64E+01	-9.30E+01	1.67E+02	-3.42E-02	-5.29E+00
4.65E+01	-9.30E+01	1.67E+02	-2.44E-03	-5.28E+00
4.65E+01	-9.30E+01	1.67E+02	-2.56E-02	-5.29E+00
4.65E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.28E+00
4.65E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.28E+00
4.65E+01	-9.30E+01	1.68E+02	-7.32E-03	-5.28E+00
4.66E+01	-9.30E+01	1.67E+02	-5.13E-02	-5.28E+00
4.66E+01	-9.30E+01	1.67E+02	-1.22E-03	-5.27E+00
4.66E+01	-9.30E+01	1.67E+02	-4.39E-02	-5.27E+00
4.66E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.28E+00
4.66E+01	-9.30E+01	1.67E+02	0.00E+00	-5.26E+00
4.67E+01	-9.30E+01	1.67E+02	-2.32E-02	-5.27E+00

4.67E+01	-9.30E+01	1.67E+02	-1.22E-02	-5.27E+00
4.67E+01	-9.30E+01	1.67E+02	-3.42E-02	-5.26E+00
4.67E+01	-9.30E+01	1.67E+02	1.10E-02	-5.27E+00
4.67E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.26E+00
4.68E+01	-9.30E+01	1.67E+02	-1.95E-02	-5.27E+00
4.68E+01	-9.30E+01	1.67E+02	2.44E-03	-5.26E+00
4.68E+01	-9.30E+01	1.67E+02	-3.91E-02	-5.26E+00
4.68E+01	-9.30E+01	1.67E+02	0.00E+00	-5.26E+00
4.68E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.25E+00
4.69E+01	-9.30E+01	1.67E+02	-1.46E-02	-5.26E+00
4.69E+01	-9.30E+01	1.67E+02	-9.77E-03	-5.24E+00
4.69E+01	-9.30E+01	1.67E+02	-2.08E-02	-5.26E+00
4.69E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.26E+00
4.69E+01	-9.30E+01	1.68E+02	-8.54E-03	-5.25E+00
4.70E+01	-9.30E+01	1.68E+02	-1.46E-02	-5.25E+00
4.70E+01	-9.30E+01	1.67E+02	-4.03E-02	-5.23E+00
4.70E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.25E+00
4.70E+01	-9.30E+01	1.67E+02	-2.44E-03	-5.24E+00
4.70E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.24E+00
4.71E+01	-9.30E+01	1.67E+02	9.77E-03	-5.24E+00
4.71E+01	-9.30E+01	1.67E+02	-2.32E-02	-5.23E+00
4.71E+01	-9.30E+01	1.67E+02	-2.08E-02	-5.24E+00
4.71E+01	-9.30E+01	1.67E+02	-1.22E-03	-5.22E+00
4.71E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.24E+00
4.72E+01	-9.30E+01	1.67E+02	0.00E+00	-5.23E+00
4.72E+01	-9.30E+01	1.67E+02	-2.44E-02	-5.23E+00
4.72E+01	-9.30E+01	1.67E+02	-1.22E-03	-5.23E+00
4.72E+01	-9.30E+01	1.67E+02	-2.44E-02	-5.22E+00
4.72E+01	-9.30E+01	1.67E+02	-1.22E-02	-5.23E+00
4.73E+01	-9.30E+01	1.67E+02	-1.22E-02	-5.21E+00
4.73E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.23E+00
4.73E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.21E+00
4.73E+01	-9.30E+01	1.67E+02	-3.42E-02	-5.23E+00
4.73E+01	-9.30E+01	1.67E+02	2.20E-02	-5.23E+00
4.74E+01	-9.30E+01	1.67E+02	-2.44E-03	-5.20E+00
4.74E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.22E+00
4.74E+01	-9.30E+01	1.67E+02	-9.77E-03	-5.21E+00
4.74E+01	-9.30E+01	1.67E+02	-3.66E-02	-5.20E+00
4.74E+01	-9.30E+01	1.67E+02	2.44E-03	-5.20E+00
4.75E+01	-9.30E+01	1.67E+02	-3.66E-02	-5.20E+00
4.75E+01	-9.30E+01	1.67E+02	-2.44E-03	-5.21E+00
4.75E+01	-9.30E+01	1.67E+02	-1.83E-02	-5.20E+00
4.75E+01	-9.30E+01	1.67E+02	-1.46E-02	-5.21E+00
4.75E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.18E+00
4.76E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.20E+00
4.76E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.19E+00
4.76E+01	-9.30E+01	1.67E+02	-1.95E-02	-5.20E+00

4.76E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.19E+00
4.76E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.19E+00
4.77E+01	-9.30E+01	1.67E+02	-1.34E-02	-5.19E+00
4.77E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.18E+00
4.77E+01	-9.30E+01	1.67E+02	-2.56E-02	-5.19E+00
4.77E+01	-9.30E+01	1.67E+02	-1.22E-02	-5.16E+00
4.77E+01	-9.30E+01	1.67E+02	-8.54E-03	-5.18E+00
4.78E+01	-9.30E+01	1.67E+02	7.32E-03	-5.16E+00
4.78E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.18E+00
4.78E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.17E+00
4.78E+01	-9.30E+01	1.67E+02	-4.15E-02	-5.18E+00
4.78E+01	-9.30E+01	1.67E+02	1.22E-03	-5.17E+00
4.79E+01	-9.30E+01	1.67E+02	-4.52E-02	-5.17E+00
4.79E+01	-9.30E+01	1.67E+02	-1.95E-02	-5.17E+00
4.79E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.17E+00
4.79E+01	-9.30E+01	1.67E+02	-1.83E-02	-5.16E+00
4.79E+01	-9.30E+01	1.67E+02	-1.95E-02	-5.16E+00
4.80E+01	-9.30E+01	1.67E+02	-9.77E-03	-5.17E+00
4.80E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.16E+00
4.80E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.16E+00
4.80E+01	-9.30E+01	1.67E+02	-8.54E-03	-5.15E+00
4.80E+01	-9.30E+01	1.67E+02	-2.32E-02	-5.16E+00
4.81E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.15E+00
4.81E+01	-9.30E+01	1.67E+02	-3.54E-02	-5.15E+00
4.81E+01	-9.30E+01	1.67E+02	2.44E-02	-5.15E+00
4.81E+01	-9.30E+01	1.67E+02	-2.44E-02	-5.15E+00
4.81E+01	-9.30E+01	1.67E+02	-3.05E-02	-5.15E+00
4.82E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.15E+00
4.82E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.15E+00
4.82E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.14E+00
4.82E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.14E+00
4.82E+01	-9.30E+01	1.67E+02	-1.22E-02	-5.13E+00
4.83E+01	-9.30E+01	1.67E+02	-3.91E-02	-5.14E+00
4.83E+01	-9.30E+01	1.67E+02	-2.44E-03	-5.12E+00
4.83E+01	-9.30E+01	1.67E+02	-2.32E-02	-5.14E+00
4.83E+01	-9.30E+01	1.67E+02	9.77E-03	-5.12E+00
4.83E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.13E+00
4.84E+01	-9.30E+01	1.67E+02	0.00E+00	-5.13E+00
4.84E+01	-9.30E+01	1.67E+02	-1.22E-02	-5.11E+00
4.84E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.13E+00
4.84E+01	-9.30E+01	1.67E+02	-6.10E-03	-5.12E+00
4.84E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.13E+00
4.85E+01	-9.30E+01	1.67E+02	0.00E+00	-5.12E+00
4.85E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.11E+00
4.85E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.12E+00
4.85E+01	-9.30E+01	1.68E+02	-1.22E-02	-5.11E+00
4.85E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.12E+00

4.86E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.10E+00
4.86E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.11E+00
4.86E+01	-9.30E+01	1.67E+02	-7.32E-03	-5.11E+00
4.86E+01	-9.30E+01	1.67E+02	-2.32E-02	-5.10E+00
4.86E+01	-9.30E+01	1.67E+02	-1.95E-02	-5.12E+00
4.87E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.09E+00
4.87E+01	-9.30E+01	1.67E+02	-3.66E-02	-5.11E+00
4.87E+01	-9.30E+01	1.67E+02	-9.77E-03	-5.10E+00
4.87E+01	-9.30E+01	1.67E+02	-2.69E-02	-5.10E+00
4.87E+01	-9.30E+01	1.67E+02	0.00E+00	-5.10E+00
4.88E+01	-9.30E+01	1.67E+02	-3.17E-02	-5.09E+00
4.88E+01	-9.30E+01	1.67E+02	-9.77E-03	-5.10E+00
4.88E+01	-9.30E+01	1.67E+02	-2.44E-03	-5.08E+00
4.88E+01	-9.30E+01	1.67E+02	-3.42E-02	-5.10E+00
4.88E+01	-9.30E+01	1.67E+02	1.46E-02	-5.08E+00
4.89E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.08E+00
4.89E+01	-9.30E+01	1.67E+02	2.44E-03	-5.09E+00
4.89E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.08E+00
4.89E+01	-9.30E+01	1.67E+02	-2.08E-02	-5.09E+00
4.89E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.07E+00
4.90E+01	-9.30E+01	1.67E+02	-3.42E-02	-5.08E+00
4.90E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.08E+00
4.90E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.07E+00
4.90E+01	-9.30E+01	1.67E+02	-2.44E-02	-5.08E+00
4.90E+01	-9.30E+01	1.68E+02	-8.54E-03	-5.07E+00
4.91E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.07E+00
4.91E+01	-9.30E+01	1.66E+02	-1.95E-02	-5.08E+00
4.91E+01	-9.30E+01	1.67E+02	-9.77E-03	-5.07E+00
4.91E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.08E+00
4.91E+01	-9.30E+01	1.68E+02	-1.46E-02	-5.06E+00
4.92E+01	-9.30E+01	1.67E+02	-2.44E-02	-5.06E+00
4.92E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.05E+00
4.92E+01	-9.30E+01	1.68E+02	-2.20E-02	-5.06E+00
4.92E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.06E+00
4.92E+01	-9.30E+01	1.67E+02	1.71E-02	-5.05E+00
4.93E+01	-9.30E+01	1.67E+02	-2.32E-02	-5.04E+00
4.93E+01	-9.30E+01	1.67E+02	-2.08E-02	-5.06E+00
4.93E+01	-9.30E+01	1.68E+02	-1.95E-02	-5.05E+00
4.93E+01	-9.30E+01	1.67E+02	-3.42E-02	-5.06E+00
4.93E+01	-9.30E+01	1.67E+02	2.44E-03	-5.05E+00
4.94E+01	-9.30E+01	1.67E+02	-3.54E-02	-5.05E+00
4.94E+01	-9.30E+01	1.67E+02	-2.44E-03	-5.04E+00
4.94E+01	-9.30E+01	1.67E+02	-2.44E-02	-5.04E+00
4.94E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.05E+00
4.94E+01	-9.30E+01	1.68E+02	-1.22E-02	-5.03E+00
4.95E+01	-9.30E+01	1.68E+02	-3.17E-02	-5.04E+00
4.95E+01	-9.30E+01	1.67E+02	-1.22E-03	-5.03E+00

4.95E+01	-9.30E+01	1.67E+02	-3.78E-02	-5.04E+00
4.95E+01	-9.30E+01	1.67E+02	-3.78E-02	-5.04E+00
4.95E+01	-9.30E+01	1.67E+02	-1.95E-02	-5.03E+00
4.96E+01	-9.30E+01	1.67E+02	-8.54E-03	-5.04E+00
4.96E+01	-9.30E+01	1.67E+02	-9.77E-03	-5.03E+00
4.96E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.03E+00
4.96E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.03E+00
4.96E+01	-9.30E+01	1.67E+02	-1.59E-02	-5.01E+00
4.97E+01	-9.30E+01	1.67E+02	-3.42E-02	-5.03E+00
4.97E+01	-9.30E+01	1.67E+02	-4.88E-03	-5.02E+00
4.97E+01	-9.30E+01	1.67E+02	-1.95E-02	-5.02E+00
4.97E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.02E+00
4.97E+01	-9.30E+01	1.67E+02	-1.71E-02	-5.01E+00
4.98E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.02E+00
4.98E+01	-9.30E+01	1.67E+02	-9.77E-03	-5.01E+00
4.98E+01	-9.30E+01	1.67E+02	-2.93E-02	-5.02E+00
4.98E+01	-9.30E+01	1.67E+02	-2.44E-03	-5.01E+00
4.98E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.00E+00
4.99E+01	-9.30E+01	1.67E+02	-2.20E-02	-5.01E+00
4.99E+01	-9.30E+01	1.67E+02	-4.03E-02	-5.00E+00
4.99E+01	-9.30E+01	1.67E+02	-2.44E-02	-5.00E+00
4.99E+01	-9.30E+01	1.67E+02	2.69E-02	-5.00E+00
4.99E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.99E+00
5.00E+01	-9.30E+01	1.67E+02	-3.17E-02	-5.00E+00
5.00E+01	-9.30E+01	1.67E+02	-9.77E-03	-5.00E+00
5.00E+01	-9.30E+01	1.67E+02	-3.91E-02	-4.98E+00
5.00E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.99E+00
5.00E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.98E+00
5.01E+01	-9.30E+01	1.67E+02	-3.91E-02	-5.00E+00
5.01E+01	-9.30E+01	1.67E+02	0.00E+00	-4.98E+00
5.01E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.98E+00
5.01E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.98E+00
5.01E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.98E+00
5.02E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.98E+00
5.02E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.97E+00
5.02E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.97E+00
5.02E+01	-9.30E+01	1.67E+02	-2.32E-02	-4.98E+00
5.02E+01	-9.30E+01	1.67E+02	-1.59E-02	-4.97E+00
5.03E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.97E+00
5.03E+01	-9.30E+01	1.67E+02	-8.54E-03	-4.96E+00
5.03E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.97E+00
5.03E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.97E+00
5.03E+01	-9.30E+01	1.67E+02	2.69E-02	-4.96E+00
5.04E+01	-9.30E+01	1.67E+02	-3.30E-02	-4.95E+00
5.04E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.96E+00
5.04E+01	-9.30E+01	1.67E+02	-3.30E-02	-4.97E+00
5.04E+01	-9.30E+01	1.67E+02	4.88E-03	-4.95E+00

5.04E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.95E+00
5.05E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.96E+00
5.05E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.95E+00
5.05E+01	-9.30E+01	1.67E+02	-2.56E-02	-4.95E+00
5.05E+01	-9.30E+01	1.67E+02	1.10E-02	-4.95E+00
5.05E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.95E+00
5.06E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.95E+00
5.06E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.94E+00
5.06E+01	-9.30E+01	1.67E+02	-6.10E-03	-4.94E+00
5.06E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.94E+00
5.06E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.94E+00
5.07E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.93E+00
5.07E+01	-9.30E+01	1.67E+02	-2.08E-02	-4.94E+00
5.07E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.93E+00
5.07E+01	-9.30E+01	1.67E+02	-2.93E-02	-4.93E+00
5.07E+01	-9.30E+01	1.67E+02	1.46E-02	-4.94E+00
5.08E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.94E+00
5.08E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.93E+00
5.08E+01	-9.30E+01	1.67E+02	-2.56E-02	-4.93E+00
5.08E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.93E+00
5.08E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.91E+00
5.09E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.92E+00
5.09E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.92E+00
5.09E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.92E+00
5.09E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.91E+00
5.09E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.91E+00
5.10E+01	-9.30E+01	1.67E+02	-2.44E-03	-4.91E+00
5.10E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.91E+00
5.10E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.91E+00
5.10E+01	-9.30E+01	1.67E+02	-4.88E-03	-4.90E+00
5.10E+01	-9.30E+01	1.67E+02	-2.32E-02	-4.91E+00
5.11E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.90E+00
5.11E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.90E+00
5.11E+01	-9.30E+01	1.67E+02	-1.34E-02	-4.90E+00
5.11E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.89E+00
5.11E+01	-9.30E+01	1.67E+02	9.77E-03	-4.90E+00
5.12E+01	-9.30E+01	1.67E+02	-8.54E-03	-4.90E+00
5.12E+01	-9.30E+01	1.67E+02	-6.10E-03	-4.89E+00
5.12E+01	-9.30E+01	1.67E+02	1.71E-02	-4.87E+00
5.12E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.90E+00
5.12E+01	-9.30E+01	1.67E+02	-1.22E-03	-4.88E+00
5.13E+01	-9.30E+01	1.67E+02	-3.54E-02	-4.88E+00
5.13E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.88E+00
5.13E+01	-9.30E+01	1.67E+02	-3.30E-02	-4.89E+00
5.13E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.87E+00
5.13E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.89E+00
5.14E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.87E+00

5.14E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.88E+00
5.14E+01	-9.30E+01	1.67E+02	0.00E+00	-4.88E+00
5.14E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.87E+00
5.14E+01	-9.30E+01	1.67E+02	-1.59E-02	-4.88E+00
5.15E+01	-9.30E+01	1.67E+02	-8.54E-03	-4.86E+00
5.15E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.88E+00
5.15E+01	-9.30E+01	1.67E+02	-2.44E-03	-4.86E+00
5.15E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.87E+00
5.15E+01	-9.30E+01	1.67E+02	3.66E-03	-4.86E+00
5.16E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.86E+00
5.16E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.86E+00
5.16E+01	-9.30E+01	1.67E+02	-2.08E-02	-4.85E+00
5.16E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.86E+00
5.16E+01	-9.30E+01	1.67E+02	-4.15E-02	-4.85E+00
5.17E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.84E+00
5.17E+01	-9.30E+01	1.67E+02	-6.10E-03	-4.84E+00
5.17E+01	-9.30E+01	1.67E+02	-4.15E-02	-4.85E+00
5.17E+01	-9.30E+01	1.67E+02	2.44E-03	-4.84E+00
5.17E+01	-9.30E+01	1.67E+02	-2.56E-02	-4.84E+00
5.18E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.84E+00
5.18E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.84E+00
5.18E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.85E+00
5.18E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.84E+00
5.18E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.84E+00
5.19E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.84E+00
5.19E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.83E+00
5.19E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.84E+00
5.19E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.83E+00
5.19E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.83E+00
5.20E+01	-9.30E+01	1.67E+02	-1.10E-02	-4.82E+00
5.20E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.83E+00
5.20E+01	-9.30E+01	1.67E+02	-4.88E-03	-4.82E+00
5.20E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.82E+00
5.20E+01	-9.30E+01	1.67E+02	-6.10E-03	-4.83E+00
5.21E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.83E+00
5.21E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.83E+00
5.21E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.82E+00
5.21E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.82E+00
5.21E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.81E+00
5.22E+01	-9.30E+01	1.67E+02	-4.39E-02	-4.82E+00
5.22E+01	-9.30E+01	1.67E+02	0.00E+00	-4.81E+00
5.22E+01	-9.30E+01	1.67E+02	-2.56E-02	-4.82E+00
5.22E+01	-9.30E+01	1.67E+02	-2.44E-03	-4.80E+00
5.22E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.80E+00
5.23E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.81E+00
5.23E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.80E+00
5.23E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.80E+00

5.23E+01	-9.30E+01	1.67E+02	-4.88E-03	-4.79E+00
5.23E+01	-9.30E+01	1.67E+02	-2.56E-02	-4.80E+00
5.24E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.79E+00
5.24E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.80E+00
5.24E+01	-9.30E+01	1.67E+02	-2.44E-03	-4.79E+00
5.24E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.79E+00
5.24E+01	-9.30E+01	1.67E+02	-4.88E-03	-4.79E+00
5.25E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.79E+00
5.25E+01	-9.30E+01	1.67E+02	-1.34E-02	-4.78E+00
5.25E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.79E+00
5.25E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.77E+00
5.25E+01	-9.30E+01	1.67E+02	-1.59E-02	-4.76E+00
5.26E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.78E+00
5.26E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.79E+00
5.26E+01	-9.30E+01	1.66E+02	-3.42E-02	-4.77E+00
5.26E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.77E+00
5.26E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.77E+00
5.27E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.77E+00
5.27E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.77E+00
5.27E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.77E+00
5.27E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.75E+00
5.27E+01	-9.30E+01	1.67E+02	-4.15E-02	-4.77E+00
5.28E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.75E+00
5.28E+01	-9.30E+01	1.67E+02	-2.08E-02	-4.76E+00
5.28E+01	-9.30E+01	1.67E+02	-2.44E-03	-4.76E+00
5.28E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.75E+00
5.28E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.76E+00
5.29E+01	-9.30E+01	1.67E+02	-8.54E-03	-4.75E+00
5.29E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.76E+00
5.29E+01	-9.30E+01	1.67E+02	-2.44E-03	-4.75E+00
5.29E+01	-9.30E+01	1.67E+02	-3.54E-02	-4.75E+00
5.29E+01	-9.30E+01	1.67E+02	-1.22E-03	-4.75E+00
5.30E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.74E+00
5.30E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.75E+00
5.30E+01	-9.30E+01	1.67E+02	-1.10E-02	-4.73E+00
5.30E+01	-9.30E+01	1.67E+02	-2.32E-02	-4.74E+00
5.30E+01	-9.30E+01	1.67E+02	3.05E-02	-4.72E+00
5.31E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.73E+00
5.31E+01	-9.30E+01	1.67E+02	7.32E-03	-4.73E+00
5.31E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.71E+00
5.31E+01	-9.30E+01	1.67E+02	-3.91E-02	-4.74E+00
5.31E+01	-9.30E+01	1.67E+02	7.32E-03	-4.71E+00
5.32E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.73E+00
5.32E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.72E+00
5.32E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.73E+00
5.32E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.71E+00
5.32E+01	-9.30E+01	1.67E+02	-1.59E-02	-4.73E+00

5.33E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.72E+00
5.33E+01	-9.30E+01	1.67E+02	-2.93E-02	-4.72E+00
5.33E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.71E+00
5.33E+01	-9.30E+01	1.67E+02	-2.08E-02	-4.71E+00
5.33E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.72E+00
5.34E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.71E+00
5.34E+01	-9.30E+01	1.67E+02	-2.93E-02	-4.72E+00
5.34E+01	-9.30E+01	1.67E+02	-3.66E-03	-4.70E+00
5.34E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.71E+00
5.34E+01	-9.30E+01	1.67E+02	0.00E+00	-4.70E+00
5.35E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.71E+00
5.35E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.70E+00
5.35E+01	-9.30E+01	1.67E+02	9.77E-03	-4.70E+00
5.35E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.69E+00
5.35E+01	-9.30E+01	1.67E+02	1.46E-02	-4.69E+00
5.36E+01	-9.30E+01	1.67E+02	-3.66E-02	-4.70E+00
5.36E+01	-9.30E+01	1.67E+02	9.77E-03	-4.69E+00
5.36E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.68E+00
5.36E+01	-9.30E+01	1.67E+02	-1.34E-02	-4.69E+00
5.36E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.69E+00
5.37E+01	-9.30E+01	1.67E+02	-1.34E-02	-4.68E+00
5.37E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.68E+00
5.37E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.68E+00
5.37E+01	-9.30E+01	1.67E+02	-3.30E-02	-4.68E+00
5.37E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.68E+00
5.38E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.66E+00
5.38E+01	-9.30E+01	1.67E+02	-2.93E-02	-4.68E+00
5.38E+01	-9.30E+01	1.67E+02	0.00E+00	-4.66E+00
5.38E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.67E+00
5.38E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.67E+00
5.39E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.66E+00
5.39E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.67E+00
5.39E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.66E+00
5.39E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.67E+00
5.39E+01	-9.30E+01	1.67E+02	-3.66E-03	-4.66E+00
5.40E+01	-9.30E+01	1.67E+02	-3.66E-02	-4.66E+00
5.40E+01	-9.30E+01	1.67E+02	-2.44E-03	-4.66E+00
5.40E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.66E+00
5.40E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.66E+00
5.40E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.65E+00
5.41E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.65E+00
5.41E+01	-9.30E+01	1.67E+02	-2.93E-02	-4.66E+00
5.41E+01	-9.30E+01	1.67E+02	-4.88E-03	-4.64E+00
5.41E+01	-9.30E+01	1.67E+02	8.54E-03	-4.65E+00
5.41E+01	-9.30E+01	1.67E+02	-2.93E-02	-4.67E+00
5.42E+01	-9.30E+01	1.67E+02	9.77E-03	-4.64E+00
5.42E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.64E+00

5.42E+01	-9.30E+01	1.67E+02	-8.54E-03	-4.65E+00
5.42E+01	-9.30E+01	1.67E+02	-4.39E-02	-4.64E+00
5.42E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.63E+00
5.43E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.64E+00
5.43E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.63E+00
5.43E+01	-9.30E+01	1.67E+02	-8.54E-03	-4.63E+00
5.43E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.64E+00
5.43E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.63E+00
5.44E+01	-9.30E+01	1.67E+02	-1.59E-02	-4.63E+00
5.44E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.62E+00
5.44E+01	-9.30E+01	1.67E+02	-2.08E-02	-4.63E+00
5.44E+01	-9.30E+01	1.67E+02	-8.54E-03	-4.62E+00
5.44E+01	-9.30E+01	1.67E+02	-2.56E-02	-4.62E+00
5.45E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.62E+00
5.45E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.61E+00
5.45E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.62E+00
5.45E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.61E+00
5.45E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.62E+00
5.46E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.60E+00
5.46E+01	-9.30E+01	1.67E+02	-4.39E-02	-4.61E+00
5.46E+01	-9.30E+01	1.67E+02	-3.78E-02	-4.60E+00
5.46E+01	-9.30E+01	1.67E+02	-2.93E-02	-4.60E+00
5.46E+01	-9.30E+01	1.67E+02	-3.91E-02	-4.60E+00
5.47E+01	-9.30E+01	1.67E+02	9.77E-03	-4.57E+00
5.47E+01	-9.30E+01	1.67E+02	-4.27E-02	-4.60E+00
5.47E+01	-9.30E+01	1.67E+02	-1.22E-03	-4.60E+00
5.47E+01	-9.30E+01	1.67E+02	-3.91E-02	-4.61E+00
5.47E+01	-9.30E+01	1.67E+02	-4.88E-03	-4.60E+00
5.48E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.60E+00
5.48E+01	-9.30E+01	1.67E+02	-4.88E-03	-4.59E+00
5.48E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.59E+00
5.48E+01	-9.30E+01	1.67E+02	-2.44E-03	-4.58E+00
5.48E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.58E+00
5.49E+01	-9.30E+01	1.67E+02	-2.93E-02	-4.59E+00
5.49E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.58E+00
5.49E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.59E+00
5.49E+01	-9.30E+01	1.67E+02	-1.10E-02	-4.58E+00
5.49E+01	-9.30E+01	1.67E+02	-2.56E-02	-4.58E+00
5.50E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.58E+00
5.50E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.57E+00
5.50E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.58E+00
5.50E+01	-9.30E+01	1.67E+02	-2.44E-03	-4.57E+00
5.50E+01	-9.30E+01	1.67E+02	-2.56E-02	-4.57E+00
5.51E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.56E+00
5.51E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.55E+00
5.51E+01	-9.30E+01	1.66E+02	2.20E-02	-4.57E+00
5.51E+01	-9.30E+01	1.67E+02	-4.64E-02	-4.55E+00

5.51E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.56E+00
5.52E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.55E+00
5.52E+01	-9.30E+01	1.67E+02	-6.23E-02	-4.57E+00
5.52E+01	-9.30E+01	1.67E+02	-2.44E-03	-4.55E+00
5.52E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.56E+00
5.52E+01	-9.30E+01	1.67E+02	0.00E+00	-4.55E+00
5.53E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.55E+00
5.53E+01	-9.30E+01	1.67E+02	3.66E-03	-4.55E+00
5.53E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.54E+00
5.53E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.55E+00
5.53E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.54E+00
5.54E+01	-9.30E+01	1.67E+02	-1.83E-02	-4.54E+00
5.54E+01	-9.30E+01	1.67E+02	-4.88E-03	-4.54E+00
5.54E+01	-9.30E+01	1.67E+02	-3.66E-02	-4.54E+00
5.54E+01	-9.30E+01	1.67E+02	-8.54E-03	-4.54E+00
5.54E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.53E+00
5.55E+01	-9.30E+01	1.67E+02	-1.46E-02	-4.54E+00
5.55E+01	-9.30E+01	1.67E+02	0.00E+00	-4.52E+00
5.55E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.54E+00
5.55E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.53E+00
5.55E+01	-9.30E+01	1.66E+02	-2.81E-02	-4.53E+00
5.56E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.52E+00
5.56E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.53E+00
5.56E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.53E+00
5.56E+01	-9.30E+01	1.66E+02	-9.77E-03	-4.52E+00
5.56E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.52E+00
5.57E+01	-9.30E+01	1.66E+02	1.22E-03	-4.51E+00
5.57E+01	-9.30E+01	1.67E+02	-3.66E-02	-4.52E+00
5.57E+01	-9.30E+01	1.66E+02	-3.17E-02	-4.51E+00
5.57E+01	-9.30E+01	1.67E+02	-1.34E-02	-4.52E+00
5.57E+01	-9.30E+01	1.66E+02	-4.15E-02	-4.52E+00
5.58E+01	-9.30E+01	1.67E+02	4.88E-03	-4.48E+00
5.58E+01	-9.30E+01	1.66E+02	-3.42E-02	-4.52E+00
5.58E+01	-9.30E+01	1.66E+02	7.32E-03	-4.50E+00
5.58E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.51E+00
5.58E+01	-9.30E+01	1.67E+02	-4.88E-03	-4.50E+00
5.59E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.50E+00
5.59E+01	-9.30E+01	1.66E+02	0.00E+00	-4.50E+00
5.59E+01	-9.30E+01	1.66E+02	-3.05E-02	-4.50E+00
5.59E+01	-9.30E+01	1.66E+02	7.32E-03	-4.50E+00
5.59E+01	-9.30E+01	1.66E+02	-3.17E-02	-4.50E+00
5.60E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.49E+00
5.60E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.49E+00
5.60E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.50E+00
5.60E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.49E+00
5.60E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.49E+00
5.61E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.48E+00

5.61E+01	-9.30E+01	1.66E+02	-2.56E-02	-4.49E+00
5.61E+01	-9.30E+01	1.66E+02	-4.88E-03	-4.47E+00
5.61E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.48E+00
5.61E+01	-9.30E+01	1.66E+02	-2.44E-03	-4.48E+00
5.62E+01	-9.30E+01	1.66E+02	-3.17E-02	-4.47E+00
5.62E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.48E+00
5.62E+01	-9.30E+01	1.66E+02	-1.83E-02	-4.47E+00
5.62E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.48E+00
5.62E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.46E+00
5.63E+01	-9.30E+01	1.66E+02	-3.05E-02	-4.47E+00
5.63E+01	-9.30E+01	1.66E+02	3.42E-02	-4.46E+00
5.63E+01	-9.30E+01	1.66E+02	-3.42E-02	-4.45E+00
5.63E+01	-9.30E+01	1.66E+02	-4.64E-02	-4.46E+00
5.63E+01	-9.30E+01	1.66E+02	-4.15E-02	-4.47E+00
5.64E+01	-9.30E+01	1.66E+02	-3.17E-02	-4.47E+00
5.64E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.44E+00
5.64E+01	-9.30E+01	1.66E+02	-8.54E-03	-4.46E+00
5.64E+01	-9.30E+01	1.66E+02	-1.83E-02	-4.45E+00
5.64E+01	-9.30E+01	1.66E+02	-3.78E-02	-4.46E+00
5.65E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.44E+00
5.65E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.45E+00
5.65E+01	-9.30E+01	1.66E+02	4.88E-03	-4.45E+00
5.65E+01	-9.30E+01	1.66E+02	-1.83E-02	-4.43E+00
5.65E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.45E+00
5.66E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.43E+00
5.66E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.45E+00
5.66E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.43E+00
5.66E+01	-9.30E+01	1.66E+02	-3.42E-02	-4.44E+00
5.66E+01	-9.30E+01	1.66E+02	-3.66E-03	-4.44E+00
5.67E+01	-9.30E+01	1.66E+02	-3.05E-02	-4.43E+00
5.67E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.44E+00
5.67E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.42E+00
5.67E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.44E+00
5.67E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.42E+00
5.68E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.43E+00
5.68E+01	-9.30E+01	1.66E+02	1.22E-03	-4.42E+00
5.68E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.42E+00
5.68E+01	-9.30E+01	1.66E+02	-1.10E-02	-4.42E+00
5.68E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.42E+00
5.69E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.42E+00
5.69E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.41E+00
5.69E+01	-9.30E+01	1.66E+02	-2.81E-02	-4.42E+00
5.69E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.41E+00
5.69E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.40E+00
5.70E+01	-9.30E+01	1.66E+02	-2.56E-02	-4.41E+00
5.70E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.42E+00
5.70E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.42E+00

5.70E+01	-9.30E+01	1.66E+02	-5.62E-02	-4.41E+00
5.70E+01	-9.30E+01	1.66E+02	-2.08E-02	-4.40E+00
5.71E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.39E+00
5.71E+01	-9.30E+01	1.66E+02	-3.91E-02	-4.41E+00
5.71E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.39E+00
5.71E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.39E+00
5.71E+01	-9.30E+01	1.66E+02	-9.77E-03	-4.40E+00
5.72E+01	-9.30E+01	1.66E+02	-2.32E-02	-4.39E+00
5.72E+01	-9.30E+01	1.66E+02	-2.56E-02	-4.40E+00
5.72E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.38E+00
5.72E+01	-9.30E+01	1.66E+02	-3.17E-02	-4.40E+00
5.72E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.38E+00
5.73E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.38E+00
5.73E+01	-9.30E+01	1.66E+02	-1.34E-02	-4.38E+00
5.73E+01	-9.30E+01	1.66E+02	-4.88E-03	-4.38E+00
5.73E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.38E+00
5.73E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.38E+00
5.74E+01	-9.30E+01	1.66E+02	-1.83E-02	-4.37E+00
5.74E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.38E+00
5.74E+01	-9.30E+01	1.66E+02	-1.10E-02	-4.37E+00
5.74E+01	-9.30E+01	1.66E+02	-3.54E-02	-4.37E+00
5.74E+01	-9.30E+01	1.66E+02	-2.44E-03	-4.36E+00
5.75E+01	-9.30E+01	1.66E+02	-2.56E-02	-4.37E+00
5.75E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.36E+00
5.75E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.36E+00
5.75E+01	-9.30E+01	1.66E+02	-2.44E-03	-4.36E+00
5.75E+01	-9.30E+01	1.66E+02	-2.81E-02	-4.36E+00
5.76E+01	-9.30E+01	1.66E+02	3.66E-03	-4.36E+00
5.76E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.35E+00
5.76E+01	-9.30E+01	1.66E+02	-3.17E-02	-4.35E+00
5.76E+01	-9.30E+01	1.66E+02	8.54E-03	-4.34E+00
5.76E+01	-9.30E+01	1.65E+02	-1.95E-02	-4.35E+00
5.77E+01	-9.30E+01	1.66E+02	-3.54E-02	-4.35E+00
5.77E+01	-9.30E+01	1.66E+02	-3.05E-02	-4.37E+00
5.77E+01	-9.30E+01	1.66E+02	-3.78E-02	-4.35E+00
5.77E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.36E+00
5.77E+01	-9.30E+01	1.66E+02	4.88E-03	-4.34E+00
5.78E+01	-9.30E+01	1.66E+02	0.00E+00	-4.35E+00
5.78E+01	-9.30E+01	1.66E+02	1.22E-03	-4.33E+00
5.78E+01	-9.30E+01	1.66E+02	-2.56E-02	-4.34E+00
5.78E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.33E+00
5.78E+01	-9.30E+01	1.66E+02	-2.32E-02	-4.35E+00
5.79E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.33E+00
5.79E+01	-9.30E+01	1.66E+02	-2.08E-02	-4.35E+00
5.79E+01	-9.30E+01	1.66E+02	-4.88E-03	-4.33E+00
5.79E+01	-9.30E+01	1.66E+02	-2.81E-02	-4.32E+00
5.79E+01	-9.30E+01	1.66E+02	-2.44E-03	-4.33E+00

5.80E+01	-9.30E+01	1.66E+02	-2.56E-02	-4.32E+00
5.80E+01	-9.30E+01	1.66E+02	-3.42E-02	-4.33E+00
5.80E+01	-9.30E+01	1.66E+02	-4.88E-03	-4.32E+00
5.80E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.32E+00
5.80E+01	-9.30E+01	1.66E+02	-9.77E-03	-4.32E+00
5.81E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.32E+00
5.81E+01	-9.30E+01	1.66E+02	1.22E-03	-4.32E+00
5.81E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.31E+00
5.81E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.32E+00
5.81E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.30E+00
5.82E+01	-9.30E+01	1.66E+02	-2.56E-02	-4.31E+00
5.82E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.31E+00
5.82E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.30E+00
5.82E+01	-9.30E+01	1.66E+02	-2.44E-03	-4.31E+00
5.82E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.29E+00
5.83E+01	-9.30E+01	1.66E+02	-2.32E-02	-4.31E+00
5.83E+01	-9.30E+01	1.66E+02	-1.10E-02	-4.29E+00
5.83E+01	-9.30E+01	1.66E+02	-3.42E-02	-4.30E+00
5.83E+01	-9.30E+01	1.66E+02	3.66E-03	-4.30E+00
5.83E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.28E+00
5.84E+01	-9.30E+01	1.66E+02	1.22E-02	-4.30E+00
5.84E+01	-9.30E+01	1.66E+02	-1.34E-02	-4.28E+00
5.84E+01	-9.30E+01	1.66E+02	-3.66E-02	-4.30E+00
5.84E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.29E+00
5.84E+01	-9.30E+01	1.66E+02	-3.91E-02	-4.30E+00
5.85E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.28E+00
5.85E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.27E+00
5.85E+01	-9.30E+01	1.66E+02	-4.88E-03	-4.27E+00
5.85E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.27E+00
5.85E+01	-9.30E+01	1.66E+02	-3.42E-02	-4.28E+00
5.86E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.28E+00
5.86E+01	-9.30E+01	1.66E+02	-3.30E-02	-4.28E+00
5.86E+01	-9.30E+01	1.66E+02	4.88E-03	-4.28E+00
5.86E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.27E+00
5.86E+01	-9.30E+01	1.66E+02	-2.81E-02	-4.28E+00
5.87E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.26E+00
5.87E+01	-9.30E+01	1.66E+02	-3.66E-02	-4.27E+00
5.87E+01	-9.30E+01	1.66E+02	-6.10E-03	-4.26E+00
5.87E+01	-9.30E+01	1.66E+02	-3.17E-02	-4.26E+00
5.87E+01	-9.30E+01	1.66E+02	-1.34E-02	-4.27E+00
5.88E+01	-9.30E+01	1.66E+02	-1.83E-02	-4.25E+00
5.88E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.26E+00
5.88E+01	-9.30E+01	1.66E+02	-1.22E-03	-4.25E+00
5.88E+01	-9.30E+01	1.66E+02	-3.54E-02	-4.26E+00
5.88E+01	-9.30E+01	1.66E+02	1.22E-03	-4.25E+00
5.89E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.25E+00
5.89E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.25E+00

5.89E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.24E+00
5.89E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.25E+00
5.89E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.24E+00
5.90E+01	-9.30E+01	1.66E+02	-3.66E-02	-4.25E+00
5.90E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.24E+00
5.90E+01	-9.30E+01	1.66E+02	2.44E-03	-4.24E+00
5.90E+01	-9.30E+01	1.66E+02	-2.81E-02	-4.22E+00
5.90E+01	-9.30E+01	1.66E+02	-1.59E-02	-4.24E+00
5.91E+01	-9.30E+01	1.66E+02	3.17E-02	-4.22E+00
5.91E+01	-9.30E+01	1.66E+02	-4.64E-02	-4.24E+00
5.91E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.24E+00
5.91E+01	-9.30E+01	1.66E+02	4.88E-03	-4.22E+00
5.91E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.23E+00
5.92E+01	-9.30E+01	1.66E+02	-9.77E-03	-4.22E+00
5.92E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.23E+00
5.92E+01	-9.30E+01	1.66E+02	-1.83E-02	-4.22E+00
5.92E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.22E+00
5.92E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.22E+00
5.93E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.22E+00
5.93E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.21E+00
5.93E+01	-9.30E+01	1.66E+02	2.44E-03	-4.22E+00
5.93E+01	-9.30E+01	1.66E+02	-3.66E-03	-4.20E+00
5.93E+01	-9.30E+01	1.66E+02	-2.56E-02	-4.22E+00
5.94E+01	-9.30E+01	1.66E+02	-2.44E-03	-4.21E+00
5.94E+01	-9.30E+01	1.66E+02	-3.66E-02	-4.20E+00
5.94E+01	-9.30E+01	1.66E+02	0.00E+00	-4.21E+00
5.94E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.20E+00
5.94E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.20E+00
5.95E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.19E+00
5.95E+01	-9.30E+01	1.66E+02	0.00E+00	-4.20E+00
5.95E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.19E+00
5.95E+01	-9.30E+01	1.66E+02	-2.32E-02	-4.20E+00
5.95E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.18E+00
5.96E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.20E+00
5.96E+01	-9.30E+01	1.67E+02	-2.44E-03	-4.18E+00
5.96E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.19E+00
5.96E+01	-9.30E+01	1.66E+02	-3.66E-03	-4.18E+00
5.96E+01	-9.30E+01	1.66E+02	-3.42E-02	-4.18E+00
5.97E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.18E+00
5.97E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.19E+00
5.97E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.18E+00
5.97E+01	-9.30E+01	1.67E+02	-1.95E-02	-4.18E+00
5.97E+01	-9.30E+01	1.66E+02	-1.34E-02	-4.18E+00
5.98E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.17E+00
5.98E+01	-9.30E+01	1.66E+02	-2.81E-02	-4.18E+00
5.98E+01	-9.30E+01	1.66E+02	-4.88E-03	-4.16E+00
5.98E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.18E+00

5.98E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.17E+00
5.99E+01	-9.30E+01	1.66E+02	-3.05E-02	-4.17E+00
5.99E+01	-9.30E+01	1.66E+02	2.44E-03	-4.16E+00
5.99E+01	-9.30E+01	1.66E+02	-3.05E-02	-4.16E+00
5.99E+01	-9.30E+01	1.66E+02	-9.77E-03	-4.17E+00
5.99E+01	-9.30E+01	1.66E+02	7.32E-03	-4.16E+00
6.00E+01	-9.30E+01	1.66E+02	-3.42E-02	-4.15E+00
6.00E+01	-9.30E+01	1.67E+02	-2.81E-02	-4.16E+00
6.00E+01	-9.30E+01	1.67E+02	-3.42E-02	-4.15E+00
6.00E+01	-9.30E+01	1.67E+02	-6.10E-02	-4.16E+00
6.00E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.14E+00
6.01E+01	-9.30E+01	1.66E+02	1.46E-02	-4.13E+00
6.01E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.17E+00
6.01E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.14E+00
6.01E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.14E+00
6.01E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.15E+00
6.02E+01	-9.30E+01	1.66E+02	2.44E-03	-4.14E+00
6.02E+01	-9.30E+01	1.66E+02	0.00E+00	-4.13E+00
6.02E+01	-9.30E+01	1.67E+02	-3.54E-02	-4.15E+00
6.02E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.14E+00
6.02E+01	-9.30E+01	1.66E+02	-1.83E-02	-4.14E+00
6.03E+01	-9.30E+01	1.66E+02	-2.44E-03	-4.14E+00
6.03E+01	-9.30E+01	1.67E+02	-3.78E-02	-4.13E+00
6.03E+01	-9.30E+01	1.66E+02	2.44E-03	-4.13E+00
6.03E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.13E+00
6.03E+01	-9.30E+01	1.66E+02	-9.77E-03	-4.13E+00
6.04E+01	-9.30E+01	1.66E+02	2.44E-03	-4.12E+00
6.04E+01	-9.30E+01	1.66E+02	-3.30E-02	-4.13E+00
6.04E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.11E+00
6.04E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.13E+00
6.04E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.10E+00
6.05E+01	-9.30E+01	1.66E+02	-1.59E-02	-4.13E+00
6.05E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.11E+00
6.05E+01	-9.30E+01	1.66E+02	-4.15E-02	-4.11E+00
6.05E+01	-9.30E+01	1.66E+02	7.32E-03	-4.11E+00
6.05E+01	-9.30E+01	1.67E+02	-3.54E-02	-4.11E+00
6.06E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.11E+00
6.06E+01	-9.30E+01	1.67E+02	-2.69E-02	-4.10E+00
6.06E+01	-9.30E+01	1.66E+02	-1.34E-02	-4.11E+00
6.06E+01	-9.30E+01	1.67E+02	-1.22E-02	-4.10E+00
6.06E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.10E+00
6.07E+01	-9.30E+01	1.66E+02	-4.88E-03	-4.09E+00
6.07E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.10E+00
6.07E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.09E+00
6.07E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.10E+00
6.07E+01	-9.30E+01	1.66E+02	-4.88E-03	-4.09E+00
6.08E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.09E+00

6.08E+01	-9.30E+01	1.66E+02	-9.77E-03	-4.09E+00
6.08E+01	-9.30E+01	1.66E+02	-3.42E-02	-4.08E+00
6.08E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.09E+00
6.08E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.08E+00
6.09E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.09E+00
6.09E+01	-9.30E+01	1.66E+02	-9.77E-03	-4.07E+00
6.09E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.08E+00
6.09E+01	-9.30E+01	1.66E+02	-4.88E-03	-4.07E+00
6.09E+01	-9.30E+01	1.66E+02	-2.44E-02	-4.08E+00
6.10E+01	-9.30E+01	1.66E+02	-8.54E-03	-4.07E+00
6.10E+01	-9.30E+01	1.67E+02	-2.44E-02	-4.08E+00
6.10E+01	-9.30E+01	1.66E+02	-9.77E-03	-4.06E+00
6.10E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.07E+00
6.10E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.07E+00
6.11E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.06E+00
6.11E+01	-9.30E+01	1.66E+02	-7.32E-03	-4.07E+00
6.11E+01	-9.30E+01	1.66E+02	-1.71E-02	-4.06E+00
6.11E+01	-9.30E+01	1.66E+02	-1.59E-02	-4.07E+00
6.11E+01	-9.30E+01	1.67E+02	-1.71E-02	-4.05E+00
6.12E+01	-9.30E+01	1.66E+02	-2.56E-02	-4.06E+00
6.12E+01	-9.30E+01	1.67E+02	-9.77E-03	-4.05E+00
6.12E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.06E+00
6.12E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.06E+00
6.12E+01	-9.30E+01	1.67E+02	-2.20E-02	-4.05E+00
6.13E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.05E+00
6.13E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.05E+00
6.13E+01	-9.30E+01	1.66E+02	-6.10E-03	-4.05E+00
6.13E+01	-9.30E+01	1.67E+02	-3.05E-02	-4.04E+00
6.13E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.03E+00
6.14E+01	-9.30E+01	1.66E+02	-4.15E-02	-4.04E+00
6.14E+01	-9.30E+01	1.66E+02	-1.22E-02	-4.05E+00
6.14E+01	-9.30E+01	1.67E+02	-7.32E-03	-4.04E+00
6.14E+01	-9.30E+01	1.66E+02	-4.52E-02	-4.04E+00
6.14E+01	-9.30E+01	1.66E+02	6.10E-03	-4.02E+00
6.15E+01	-9.30E+01	1.67E+02	-3.66E-02	-4.03E+00
6.15E+01	-9.30E+01	1.66E+02	-1.46E-02	-4.03E+00
6.15E+01	-9.30E+01	1.67E+02	1.46E-02	-4.01E+00
6.15E+01	-9.30E+01	1.66E+02	-2.20E-02	-4.04E+00
6.15E+01	-9.30E+01	1.66E+02	2.56E-02	-4.02E+00
6.16E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.02E+00
6.16E+01	-9.30E+01	1.66E+02	9.77E-03	-4.03E+00
6.16E+01	-9.30E+01	1.67E+02	-3.17E-02	-4.02E+00
6.16E+01	-9.30E+01	1.66E+02	-1.95E-02	-4.03E+00
6.16E+01	-9.30E+01	1.66E+02	-1.59E-02	-4.01E+00
6.17E+01	-9.30E+01	1.66E+02	-4.39E-02	-4.02E+00
6.17E+01	-9.30E+01	1.66E+02	8.54E-03	-4.01E+00
6.17E+01	-9.30E+01	1.66E+02	-3.54E-02	-4.01E+00

6.17E+01	-9.30E+01	1.66E+02	2.44E-03	-4.01E+00
6.17E+01	-9.30E+01	1.66E+02	-2.69E-02	-4.01E+00
6.18E+01	-9.30E+01	1.66E+02	-2.56E-02	-4.02E+00
6.18E+01	-9.30E+01	1.66E+02	-1.83E-02	-4.00E+00
6.18E+01	-9.30E+01	1.66E+02	-3.42E-02	-4.01E+00
6.18E+01	-9.30E+01	1.66E+02	2.44E-03	-4.00E+00
6.18E+01	-9.30E+01	1.66E+02	-3.91E-02	-4.01E+00
6.19E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.99E+00
6.19E+01	-9.30E+01	1.66E+02	-2.93E-02	-4.01E+00
6.19E+01	-9.30E+01	1.67E+02	-1.22E-02	-3.99E+00
6.19E+01	-9.30E+01	1.66E+02	-3.66E-02	-4.00E+00
6.19E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.99E+00
6.20E+01	-9.30E+01	1.66E+02	-3.42E-02	-4.00E+00
6.20E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.99E+00
6.20E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.99E+00
6.20E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.99E+00
6.20E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.98E+00
6.21E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.98E+00
6.21E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.98E+00
6.21E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.98E+00
6.21E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.97E+00
6.21E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.99E+00
6.22E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.97E+00
6.22E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.97E+00
6.22E+01	-9.30E+01	1.66E+02	-1.22E-03	-3.97E+00
6.22E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.97E+00
6.22E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.97E+00
6.23E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.96E+00
6.23E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.97E+00
6.23E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.96E+00
6.23E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.96E+00
6.23E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.96E+00
6.24E+01	-9.30E+01	1.66E+02	-3.30E-02	-3.96E+00
6.24E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.96E+00
6.24E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.95E+00
6.24E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.96E+00
6.24E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.95E+00
6.25E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.95E+00
6.25E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.94E+00
6.25E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.95E+00
6.25E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.94E+00
6.25E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.95E+00
6.26E+01	-9.30E+01	1.66E+02	-6.10E-03	-3.93E+00
6.26E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.94E+00
6.26E+01	-9.30E+01	1.66E+02	0.00E+00	-3.94E+00
6.26E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.93E+00
6.26E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.94E+00

6.27E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.92E+00
6.27E+01	-9.30E+01	1.66E+02	-2.81E-02	-3.94E+00
6.27E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.92E+00
6.27E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.93E+00
6.27E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.92E+00
6.28E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.93E+00
6.28E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.92E+00
6.28E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.92E+00
6.28E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.92E+00
6.28E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.91E+00
6.29E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.92E+00
6.29E+01	-9.30E+01	1.67E+02	-1.83E-02	-3.91E+00
6.29E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.92E+00
6.29E+01	-9.30E+01	1.66E+02	1.46E-02	-3.91E+00
6.29E+01	-9.30E+01	1.66E+02	-3.05E-02	-3.92E+00
6.30E+01	-9.30E+01	1.66E+02	2.44E-02	-3.90E+00
6.30E+01	-9.30E+01	1.66E+02	-4.15E-02	-3.92E+00
6.30E+01	-9.30E+01	1.66E+02	0.00E+00	-3.92E+00
6.30E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.89E+00
6.30E+01	-9.30E+01	1.66E+02	-4.15E-02	-3.93E+00
6.31E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.89E+00
6.31E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.91E+00
6.31E+01	-9.30E+01	1.66E+02	0.00E+00	-3.90E+00
6.31E+01	-9.30E+01	1.65E+02	-3.91E-02	-3.88E+00
6.31E+01	-9.30E+01	1.65E+02	6.10E-03	-3.89E+00
6.32E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.91E+00
6.32E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.89E+00
6.32E+01	-9.30E+01	1.66E+02	1.95E-02	-3.88E+00
6.32E+01	-9.30E+01	1.66E+02	-4.64E-02	-3.90E+00
6.32E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.88E+00
6.33E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.88E+00
6.33E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.89E+00
6.33E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.87E+00
6.33E+01	-9.30E+01	1.66E+02	-4.64E-02	-3.88E+00
6.33E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.88E+00
6.34E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.87E+00
6.34E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.88E+00
6.34E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.87E+00
6.34E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.87E+00
6.34E+01	-9.30E+01	1.66E+02	-1.83E-02	-3.87E+00
6.35E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.86E+00
6.35E+01	-9.30E+01	1.66E+02	-2.81E-02	-3.86E+00
6.35E+01	-9.30E+01	1.66E+02	4.88E-03	-3.86E+00
6.35E+01	-9.30E+01	1.66E+02	-2.81E-02	-3.86E+00
6.35E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.86E+00
6.36E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.86E+00
6.36E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.86E+00

6.36E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.85E+00
6.36E+01	-9.30E+01	1.66E+02	0.00E+00	-3.86E+00
6.36E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.85E+00
6.37E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.85E+00
6.37E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.85E+00
6.37E+01	-9.30E+01	1.66E+02	-4.03E-02	-3.86E+00
6.37E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.85E+00
6.37E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.84E+00
6.38E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.84E+00
6.38E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.83E+00
6.38E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.84E+00
6.38E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.83E+00
6.38E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.84E+00
6.39E+01	-9.30E+01	1.66E+02	0.00E+00	-3.83E+00
6.39E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.83E+00
6.39E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.84E+00
6.39E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.82E+00
6.39E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.83E+00
6.40E+01	-9.30E+01	1.66E+02	-3.66E-03	-3.82E+00
6.40E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.83E+00
6.40E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.81E+00
6.40E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.82E+00
6.40E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.82E+00
6.41E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.82E+00
6.41E+01	-9.30E+01	1.66E+02	-1.83E-02	-3.82E+00
6.41E+01	-9.30E+01	1.66E+02	-2.08E-02	-3.81E+00
6.41E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.81E+00
6.41E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.81E+00
6.42E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.81E+00
6.42E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.80E+00
6.42E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.81E+00
6.42E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.80E+00
6.42E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.79E+00
6.43E+01	-9.30E+01	1.66E+02	2.56E-02	-3.80E+00
6.43E+01	-9.30E+01	1.66E+02	1.22E-03	-3.79E+00
6.43E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.78E+00
6.43E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.80E+00
6.43E+01	-9.30E+01	1.66E+02	6.10E-03	-3.79E+00
6.44E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.79E+00
6.44E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.79E+00
6.44E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.77E+00
6.44E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.79E+00
6.44E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.79E+00
6.45E+01	-9.30E+01	1.66E+02	1.59E-02	-3.77E+00
6.45E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.79E+00
6.45E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.78E+00
6.45E+01	-9.30E+01	1.66E+02	-4.39E-02	-3.79E+00

6.45E+01	-9.30E+01	1.65E+02	-4.88E-03	-3.78E+00
6.46E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.76E+00
6.46E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.78E+00
6.46E+01	-9.30E+01	1.66E+02	2.44E-03	-3.77E+00
6.46E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.77E+00
6.46E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.77E+00
6.47E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.76E+00
6.47E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.77E+00
6.47E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.76E+00
6.47E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.77E+00
6.47E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.75E+00
6.48E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.76E+00
6.48E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.76E+00
6.48E+01	-9.30E+01	1.66E+02	-4.03E-02	-3.76E+00
6.48E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.76E+00
6.48E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.76E+00
6.49E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.76E+00
6.49E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.75E+00
6.49E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.75E+00
6.49E+01	-9.30E+01	1.66E+02	4.88E-03	-3.74E+00
6.49E+01	-9.30E+01	1.66E+02	-3.91E-02	-3.75E+00
6.50E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.74E+00
6.50E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.75E+00
6.50E+01	-9.30E+01	1.66E+02	0.00E+00	-3.73E+00
6.50E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.74E+00
6.50E+01	-9.30E+01	1.66E+02	-1.22E-03	-3.74E+00
6.51E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.73E+00
6.51E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.75E+00
6.51E+01	-9.30E+01	1.66E+02	3.66E-03	-3.72E+00
6.51E+01	-9.30E+01	1.66E+02	-4.27E-02	-3.74E+00
6.51E+01	-9.30E+01	1.66E+02	6.10E-03	-3.73E+00
6.52E+01	-9.30E+01	1.66E+02	-3.78E-02	-3.72E+00
6.52E+01	-9.30E+01	1.66E+02	-6.10E-03	-3.72E+00
6.52E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.72E+00
6.52E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.73E+00
6.52E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.71E+00
6.53E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.72E+00
6.53E+01	-9.30E+01	1.66E+02	-3.66E-03	-3.71E+00
6.53E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.72E+00
6.53E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.71E+00
6.53E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.71E+00
6.54E+01	-9.30E+01	1.66E+02	-1.10E-02	-3.70E+00
6.54E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.71E+00
6.54E+01	-9.30E+01	1.66E+02	1.34E-02	-3.70E+00
6.54E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.70E+00
6.54E+01	-9.30E+01	1.66E+02	2.44E-03	-3.71E+00
6.55E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.70E+00

6.55E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.70E+00
6.55E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.70E+00
6.55E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.70E+00
6.55E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.69E+00
6.56E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.69E+00
6.56E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.69E+00
6.56E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.70E+00
6.56E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.68E+00
6.56E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.69E+00
6.57E+01	-9.30E+01	1.66E+02	0.00E+00	-3.68E+00
6.57E+01	-9.30E+01	1.66E+02	-4.76E-02	-3.68E+00
6.57E+01	-9.30E+01	1.66E+02	2.44E-03	-3.68E+00
6.57E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.67E+00
6.57E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.68E+00
6.58E+01	-9.30E+01	1.66E+02	-3.66E-02	-3.68E+00
6.58E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.68E+00
6.58E+01	-9.30E+01	1.66E+02	-2.81E-02	-3.67E+00
6.58E+01	-9.30E+01	1.66E+02	-2.32E-02	-3.68E+00
6.58E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.66E+00
6.59E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.68E+00
6.59E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.65E+00
6.59E+01	-9.30E+01	1.66E+02	-2.81E-02	-3.67E+00
6.59E+01	-9.30E+01	1.66E+02	4.88E-03	-3.66E+00
6.59E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.65E+00
6.60E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.66E+00
6.60E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.65E+00
6.60E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.66E+00
6.60E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.64E+00
6.60E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.65E+00
6.61E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.65E+00
6.61E+01	-9.30E+01	1.66E+02	-2.81E-02	-3.65E+00
6.61E+01	-9.30E+01	1.65E+02	-3.66E-03	-3.65E+00
6.61E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.64E+00
6.61E+01	-9.30E+01	1.66E+02	-1.83E-02	-3.65E+00
6.62E+01	-9.30E+01	1.66E+02	-6.10E-03	-3.64E+00
6.62E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.64E+00
6.62E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.64E+00
6.62E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.64E+00
6.62E+01	-9.30E+01	1.66E+02	-9.77E-03	-3.64E+00
6.63E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.63E+00
6.63E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.64E+00
6.63E+01	-9.30E+01	1.66E+02	4.88E-03	-3.62E+00
6.63E+01	-9.30E+01	1.66E+02	-2.93E-02	-3.63E+00
6.63E+01	-9.30E+01	1.66E+02	4.88E-03	-3.63E+00
6.64E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.62E+00
6.64E+01	-9.30E+01	1.66E+02	-1.34E-02	-3.63E+00
6.64E+01	-9.30E+01	1.66E+02	-1.83E-02	-3.62E+00

6.64E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.62E+00
6.64E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.61E+00
6.65E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.62E+00
6.65E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.62E+00
6.65E+01	-9.30E+01	1.66E+02	-2.44E-02	-3.61E+00
6.65E+01	-9.30E+01	1.65E+02	-1.71E-02	-3.62E+00
6.65E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.60E+00
6.66E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.61E+00
6.66E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.60E+00
6.66E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.61E+00
6.66E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.60E+00
6.66E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.61E+00
6.67E+01	-9.30E+01	1.65E+02	-9.77E-03	-3.60E+00
6.67E+01	-9.30E+01	1.66E+02	-1.59E-02	-3.60E+00
6.67E+01	-9.30E+01	1.66E+02	-9.52E-02	-3.59E+00
6.67E+01	-9.30E+01	1.65E+02	3.66E-03	-3.61E+00
6.67E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.58E+00
6.68E+01	-9.30E+01	1.66E+02	-2.69E-02	-3.59E+00
6.68E+01	-9.30E+01	1.66E+02	-1.71E-02	-3.60E+00
6.68E+01	-9.30E+01	1.65E+02	-8.54E-03	-3.59E+00
6.68E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.59E+00
6.68E+01	-9.30E+01	1.66E+02	-7.32E-03	-3.59E+00
6.69E+01	-9.30E+01	1.66E+02	-1.22E-02	-3.57E+00
6.69E+01	-9.30E+01	1.66E+02	-2.56E-02	-3.58E+00
6.69E+01	-9.30E+01	1.66E+02	-2.20E-02	-3.58E+00
6.69E+01	-9.30E+01	1.66E+02	-2.44E-03	-3.57E+00
6.69E+01	-9.30E+01	1.66E+02	-4.88E-02	-3.57E+00
6.70E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.59E+00
6.70E+01	-9.30E+01	1.66E+02	1.71E-02	-3.57E+00
6.70E+01	-9.30E+01	1.66E+02	-5.13E-02	-3.59E+00
6.70E+01	-9.30E+01	1.66E+02	-1.95E-02	-3.58E+00
6.70E+01	-9.30E+01	1.66E+02	-8.54E-03	-3.56E+00
6.71E+01	-9.30E+01	1.65E+02	-6.84E-02	-3.56E+00
6.71E+01	-9.30E+01	1.65E+02	-2.44E-03	-3.58E+00
6.71E+01	-9.30E+01	1.66E+02	-3.17E-02	-3.56E+00
6.71E+01	-9.30E+01	1.65E+02	-5.49E-02	-3.58E+00
6.71E+01	-9.30E+01	1.66E+02	-4.88E-03	-3.55E+00
6.72E+01	-9.30E+01	1.66E+02	-6.10E-02	-3.56E+00
6.72E+01	-9.30E+01	1.65E+02	4.88E-03	-3.55E+00
6.72E+01	-9.30E+01	1.66E+02	-1.46E-02	-3.54E+00
6.72E+01	-9.30E+01	1.65E+02	-3.17E-02	-3.56E+00
6.72E+01	-9.30E+01	1.65E+02	-3.66E-03	-3.54E+00
6.73E+01	-9.30E+01	1.66E+02	-3.42E-02	-3.56E+00
6.73E+01	-9.30E+01	1.65E+02	-4.88E-02	-3.56E+00
6.73E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.54E+00
6.73E+01	-9.30E+01	1.65E+02	-3.91E-02	-3.54E+00
6.73E+01	-9.30E+01	1.65E+02	-3.54E-02	-3.55E+00

6.74E+01	-9.30E+01	1.65E+02	-2.81E-02	-3.54E+00
6.74E+01	-9.30E+01	1.65E+02	0.00E+00	-3.54E+00
6.74E+01	-9.30E+01	1.65E+02	-4.64E-02	-3.54E+00
6.74E+01	-9.30E+01	1.65E+02	-2.44E-03	-3.53E+00
6.74E+01	-9.30E+01	1.65E+02	-5.74E-02	-3.52E+00
6.75E+01	-9.30E+01	1.65E+02	-9.77E-03	-3.54E+00
6.75E+01	-9.30E+01	1.66E+02	1.46E-02	-3.51E+00
6.75E+01	-9.30E+01	1.66E+02	-2.81E-02	-3.53E+00
6.75E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.52E+00
6.75E+01	-9.30E+01	1.65E+02	-9.77E-03	-3.53E+00
6.76E+01	-9.30E+01	1.65E+02	-3.42E-02	-3.52E+00
6.76E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.53E+00
6.76E+01	-9.30E+01	1.65E+02	-7.32E-03	-3.51E+00
6.76E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.52E+00
6.76E+01	-9.30E+01	1.65E+02	1.10E-02	-3.52E+00
6.77E+01	-9.30E+01	1.65E+02	-2.81E-02	-3.51E+00
6.77E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.52E+00
6.77E+01	-9.30E+01	1.65E+02	0.00E+00	-3.51E+00
6.77E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.51E+00
6.77E+01	-9.30E+01	1.65E+02	-4.39E-02	-3.51E+00
6.78E+01	-9.30E+01	1.65E+02	4.88E-03	-3.50E+00
6.78E+01	-9.30E+01	1.65E+02	-2.56E-02	-3.51E+00
6.78E+01	-9.30E+01	1.65E+02	0.00E+00	-3.50E+00
6.78E+01	-9.30E+01	1.65E+02	-3.54E-02	-3.50E+00
6.78E+01	-9.30E+01	1.65E+02	1.22E-02	-3.51E+00
6.79E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.50E+00
6.79E+01	-9.30E+01	1.65E+02	-2.32E-02	-3.51E+00
6.79E+01	-9.30E+01	1.65E+02	2.44E-03	-3.49E+00
6.79E+01	-9.30E+01	1.65E+02	-3.30E-02	-3.49E+00
6.79E+01	-9.30E+01	1.65E+02	-7.32E-03	-3.50E+00
6.80E+01	-9.30E+01	1.65E+02	-1.46E-02	-3.47E+00
6.80E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.50E+00
6.80E+01	-9.30E+01	1.65E+02	2.44E-03	-3.48E+00
6.80E+01	-9.30E+01	1.65E+02	-2.81E-02	-3.49E+00
6.80E+01	-9.30E+01	1.65E+02	-7.32E-03	-3.49E+00
6.81E+01	-9.30E+01	1.65E+02	-1.95E-02	-3.48E+00
6.81E+01	-9.30E+01	1.65E+02	-6.23E-02	-3.49E+00
6.81E+01	-9.30E+01	1.65E+02	-1.22E-03	-3.47E+00
6.81E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.48E+00
6.81E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.48E+00
6.82E+01	-9.30E+01	1.65E+02	-3.66E-03	-3.47E+00
6.82E+01	-9.30E+01	1.65E+02	-3.66E-02	-3.47E+00
6.82E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.47E+00
6.82E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.46E+00
6.82E+01	-9.30E+01	1.65E+02	-9.77E-03	-3.47E+00
6.83E+01	-9.30E+01	1.65E+02	-7.32E-03	-3.46E+00
6.83E+01	-9.30E+01	1.65E+02	-2.93E-02	-3.47E+00

6.83E+01	-9.30E+01	1.65E+02	-7.32E-03	-3.46E+00
6.83E+01	-9.30E+01	1.65E+02	-3.30E-02	-3.46E+00
6.83E+01	-9.30E+01	1.65E+02	-2.44E-03	-3.47E+00
6.84E+01	-9.30E+01	1.65E+02	-1.71E-02	-3.45E+00
6.84E+01	-9.30E+01	1.65E+02	-2.81E-02	-3.46E+00
6.84E+01	-9.30E+01	1.65E+02	-4.88E-03	-3.45E+00
6.84E+01	-9.30E+01	1.65E+02	-3.42E-02	-3.45E+00
6.84E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.45E+00
6.85E+01	-9.30E+01	1.65E+02	-4.88E-03	-3.44E+00
6.85E+01	-9.30E+01	1.65E+02	-3.17E-02	-3.46E+00
6.85E+01	-9.30E+01	1.65E+02	-9.77E-03	-3.44E+00
6.85E+01	-9.30E+01	1.65E+02	-2.20E-02	-3.44E+00
6.85E+01	-9.30E+01	1.65E+02	-1.34E-02	-3.45E+00
6.86E+01	-9.30E+01	1.65E+02	-1.71E-02	-3.45E+00
6.86E+01	-9.30E+01	1.65E+02	-3.05E-02	-3.45E+00
6.86E+01	-9.30E+01	1.65E+02	4.88E-03	-3.43E+00
6.86E+01	-9.30E+01	1.65E+02	-2.32E-02	-3.44E+00
6.86E+01	-9.30E+01	1.65E+02	-2.20E-02	-3.44E+00
6.87E+01	-9.30E+01	1.65E+02	3.17E-02	-3.43E+00
6.87E+01	-9.30E+01	1.65E+02	-2.93E-02	-3.43E+00
6.87E+01	-9.30E+01	1.65E+02	-1.95E-02	-3.43E+00
6.87E+01	-9.30E+01	1.65E+02	-1.95E-02	-3.42E+00
6.87E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.43E+00
6.88E+01	-9.30E+01	1.65E+02	-7.32E-03	-3.42E+00
6.88E+01	-9.30E+01	1.65E+02	-3.17E-02	-3.42E+00
6.88E+01	-9.30E+01	1.65E+02	9.77E-03	-3.43E+00
6.88E+01	-9.30E+01	1.65E+02	-1.83E-02	-3.40E+00
6.88E+01	-9.30E+01	1.65E+02	-1.95E-02	-3.43E+00
6.89E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.41E+00
6.89E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.41E+00
6.89E+01	-9.30E+01	1.65E+02	1.22E-02	-3.42E+00
6.89E+01	-9.30E+01	1.65E+02	1.22E-03	-3.41E+00
6.89E+01	-9.30E+01	1.65E+02	-4.03E-02	-3.40E+00
6.90E+01	-9.30E+01	1.65E+02	-1.46E-02	-3.42E+00
6.90E+01	-9.30E+01	1.65E+02	-1.10E-02	-3.40E+00
6.90E+01	-9.30E+01	1.65E+02	-3.05E-02	-3.41E+00
6.90E+01	-9.30E+01	1.65E+02	-1.83E-02	-3.39E+00
6.90E+01	-9.30E+01	1.65E+02	4.88E-03	-3.40E+00
6.91E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.40E+00
6.91E+01	-9.30E+01	1.65E+02	-1.46E-02	-3.39E+00
6.91E+01	-9.30E+01	1.65E+02	-2.93E-02	-3.40E+00
6.91E+01	-9.30E+01	1.65E+02	-1.22E-03	-3.39E+00
6.91E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.40E+00
6.92E+01	-9.30E+01	1.65E+02	-2.08E-02	-3.39E+00
6.92E+01	-9.30E+01	1.65E+02	-7.32E-03	-3.39E+00
6.92E+01	-9.30E+01	1.65E+02	-1.95E-02	-3.39E+00
6.92E+01	-9.30E+01	1.65E+02	-4.88E-03	-3.38E+00

6.92E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.39E+00
6.93E+01	-9.30E+01	1.65E+02	1.71E-02	-3.38E+00
6.93E+01	-9.30E+01	1.65E+02	-3.05E-02	-3.38E+00
6.93E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.38E+00
6.93E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.37E+00
6.93E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.38E+00
6.94E+01	-9.30E+01	1.65E+02	-3.54E-02	-3.37E+00
6.94E+01	-9.30E+01	1.65E+02	-1.83E-02	-3.37E+00
6.94E+01	-9.30E+01	1.65E+02	-3.30E-02	-3.37E+00
6.94E+01	-9.30E+01	1.65E+02	-1.46E-02	-3.37E+00
6.94E+01	-9.30E+01	1.65E+02	-2.20E-02	-3.36E+00
6.95E+01	-9.30E+01	1.65E+02	-2.20E-02	-3.37E+00
6.95E+01	-9.30E+01	1.65E+02	-2.93E-02	-3.34E+00
6.95E+01	-9.30E+01	1.65E+02	-1.34E-02	-3.36E+00
6.95E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.36E+00
6.95E+01	-9.30E+01	1.65E+02	-2.20E-02	-3.36E+00
6.96E+01	-9.30E+01	1.65E+02	-1.71E-02	-3.36E+00
6.96E+01	-9.30E+01	1.65E+02	-4.88E-03	-3.35E+00
6.96E+01	-9.30E+01	1.65E+02	-1.71E-02	-3.34E+00
6.96E+01	-9.30E+01	1.65E+02	-5.37E-02	-3.35E+00
6.96E+01	-9.30E+01	1.65E+02	-1.22E-03	-3.35E+00
6.97E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.35E+00
6.97E+01	-9.30E+01	1.65E+02	-1.95E-02	-3.35E+00
6.97E+01	-9.30E+01	1.65E+02	-1.10E-02	-3.34E+00
6.97E+01	-9.30E+01	1.65E+02	-4.15E-02	-3.35E+00
6.97E+01	-9.30E+01	1.65E+02	-9.77E-03	-3.33E+00
6.98E+01	-9.30E+01	1.65E+02	-3.05E-02	-3.33E+00
6.98E+01	-9.30E+01	1.65E+02	-3.05E-02	-3.34E+00
6.98E+01	-9.30E+01	1.65E+02	-9.77E-03	-3.33E+00
6.98E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.34E+00
6.98E+01	-9.30E+01	1.64E+02	2.44E-02	-3.33E+00
6.99E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.33E+00
6.99E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.33E+00
6.99E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.32E+00
6.99E+01	-9.30E+01	1.65E+02	-2.20E-02	-3.33E+00
6.99E+01	-9.30E+01	1.64E+02	2.44E-03	-3.32E+00
7.00E+01	-9.30E+01	1.65E+02	-2.32E-02	-3.34E+00
7.00E+01	-9.30E+01	1.65E+02	4.88E-03	-3.33E+00
7.00E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.31E+00
7.00E+01	-9.30E+01	1.65E+02	-1.95E-02	-3.32E+00
7.00E+01	-9.30E+01	1.65E+02	-2.44E-03	-3.31E+00
7.01E+01	-9.30E+01	1.65E+02	-3.42E-02	-3.31E+00
7.01E+01	-9.30E+01	1.64E+02	-1.71E-02	-3.32E+00
7.01E+01	-9.30E+01	1.65E+02	3.66E-03	-3.30E+00
7.01E+01	-9.30E+01	1.65E+02	-3.91E-02	-3.32E+00
7.01E+01	-9.30E+01	1.64E+02	-6.10E-03	-3.31E+00
7.02E+01	-9.30E+01	1.64E+02	-2.20E-02	-3.30E+00

7.02E+01	-9.30E+01	1.64E+02	-2.20E-02	-3.31E+00
7.02E+01	-9.30E+01	1.65E+02	1.71E-02	-3.31E+00
7.02E+01	-9.30E+01	1.65E+02	-1.83E-02	-3.30E+00
7.02E+01	-9.30E+01	1.64E+02	-2.08E-02	-3.30E+00
7.03E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.29E+00
7.03E+01	-9.30E+01	1.65E+02	-2.20E-02	-3.30E+00
7.03E+01	-9.30E+01	1.65E+02	-1.22E-03	-3.29E+00
7.03E+01	-9.30E+01	1.64E+02	-2.93E-02	-3.30E+00
7.03E+01	-9.30E+01	1.64E+02	-3.66E-02	-3.29E+00
7.04E+01	-9.30E+01	1.65E+02	-2.93E-02	-3.30E+00
7.04E+01	-9.30E+01	1.64E+02	-2.93E-02	-3.29E+00
7.04E+01	-9.30E+01	1.65E+02	-2.44E-03	-3.28E+00
7.04E+01	-9.30E+01	1.65E+02	-3.17E-02	-3.28E+00
7.04E+01	-9.30E+01	1.64E+02	1.46E-02	-3.29E+00
7.05E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.27E+00
7.05E+01	-9.30E+01	1.64E+02	-3.05E-02	-3.29E+00
7.05E+01	-9.30E+01	1.64E+02	0.00E+00	-3.28E+00
7.05E+01	-9.30E+01	1.65E+02	-1.46E-02	-3.27E+00
7.05E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.28E+00
7.06E+01	-9.30E+01	1.64E+02	6.10E-03	-3.26E+00
7.06E+01	-9.30E+01	1.65E+02	1.22E-03	-3.26E+00
7.06E+01	-9.30E+01	1.64E+02	-1.59E-02	-3.28E+00
7.06E+01	-9.30E+01	1.64E+02	-6.10E-03	-3.26E+00
7.06E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.27E+00
7.07E+01	-9.30E+01	1.64E+02	-9.77E-03	-3.27E+00
7.07E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.26E+00
7.07E+01	-9.30E+01	1.65E+02	-1.95E-02	-3.27E+00
7.07E+01	-9.30E+01	1.64E+02	-1.10E-02	-3.27E+00
7.07E+01	-9.30E+01	1.64E+02	-1.71E-02	-3.25E+00
7.08E+01	-9.30E+01	1.64E+02	-3.17E-02	-3.26E+00
7.08E+01	-9.30E+01	1.64E+02	7.32E-03	-3.26E+00
7.08E+01	-9.30E+01	1.65E+02	2.44E-02	-3.24E+00
7.08E+01	-9.30E+01	1.64E+02	-3.66E-02	-3.25E+00
7.08E+01	-9.30E+01	1.64E+02	-9.77E-03	-3.25E+00
7.09E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.25E+00
7.09E+01	-9.30E+01	1.64E+02	-1.83E-02	-3.25E+00
7.09E+01	-9.30E+01	1.64E+02	-6.10E-03	-3.24E+00
7.09E+01	-9.30E+01	1.65E+02	-4.88E-03	-3.26E+00
7.09E+01	-9.30E+01	1.64E+02	-3.54E-02	-3.25E+00
7.10E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.23E+00
7.10E+01	-9.30E+01	1.64E+02	-2.44E-02	-3.24E+00
7.10E+01	-9.30E+01	1.64E+02	-4.88E-03	-3.24E+00
7.10E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.23E+00
7.10E+01	-9.30E+01	1.65E+02	-2.69E-02	-3.25E+00
7.11E+01	-9.30E+01	1.65E+02	1.22E-03	-3.22E+00
7.11E+01	-9.30E+01	1.64E+02	-3.66E-02	-3.23E+00
7.11E+01	-9.30E+01	1.64E+02	-2.20E-02	-3.23E+00

7.11E+01	-9.30E+01	1.65E+02	-9.77E-03	-3.22E+00
7.11E+01	-9.30E+01	1.65E+02	-3.42E-02	-3.23E+00
7.12E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.23E+00
7.12E+01	-9.30E+01	1.65E+02	-3.05E-02	-3.21E+00
7.12E+01	-9.30E+01	1.64E+02	-3.30E-02	-3.23E+00
7.12E+01	-9.30E+01	1.64E+02	-2.44E-03	-3.22E+00
7.12E+01	-9.30E+01	1.64E+02	-1.59E-02	-3.21E+00
7.13E+01	-9.30E+01	1.64E+02	-2.44E-02	-3.22E+00
7.13E+01	-9.30E+01	1.64E+02	1.83E-02	-3.21E+00
7.13E+01	-9.30E+01	1.64E+02	-1.71E-02	-3.21E+00
7.13E+01	-9.30E+01	1.64E+02	-9.77E-03	-3.22E+00
7.13E+01	-9.30E+01	1.64E+02	0.00E+00	-3.20E+00
7.14E+01	-9.30E+01	1.65E+02	-2.44E-02	-3.20E+00
7.14E+01	-9.30E+01	1.64E+02	-1.46E-02	-3.21E+00
7.14E+01	-9.30E+01	1.64E+02	-1.22E-02	-3.19E+00
7.14E+01	-9.30E+01	1.64E+02	-6.59E-02	-3.20E+00
7.14E+01	-9.30E+01	1.64E+02	0.00E+00	-3.21E+00
7.15E+01	-9.30E+01	1.65E+02	-1.22E-02	-3.19E+00
7.15E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.20E+00
7.15E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.19E+00
7.15E+01	-9.30E+01	1.65E+02	-3.42E-02	-3.19E+00
7.15E+01	-9.30E+01	1.64E+02	9.77E-03	-3.19E+00
7.16E+01	-9.30E+01	1.64E+02	-1.95E-02	-3.18E+00
7.16E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.20E+00
7.16E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.18E+00
7.16E+01	-9.30E+01	1.65E+02	-3.17E-02	-3.18E+00
7.16E+01	-9.30E+01	1.64E+02	-9.77E-03	-3.19E+00
7.17E+01	-9.30E+01	1.64E+02	-1.46E-02	-3.18E+00
7.17E+01	-9.30E+01	1.64E+02	-4.52E-02	-3.18E+00
7.17E+01	-9.30E+01	1.64E+02	-4.88E-03	-3.17E+00
7.17E+01	-9.30E+01	1.64E+02	-2.44E-02	-3.18E+00
7.17E+01	-9.30E+01	1.64E+02	-8.54E-03	-3.18E+00
7.18E+01	-9.30E+01	1.64E+02	-4.88E-03	-3.17E+00
7.18E+01	-9.30E+01	1.64E+02	-3.66E-02	-3.17E+00
7.18E+01	-9.30E+01	1.64E+02	-6.10E-03	-3.17E+00
7.18E+01	-9.30E+01	1.64E+02	-4.88E-03	-3.16E+00
7.18E+01	-9.30E+01	1.64E+02	-2.56E-02	-3.17E+00
7.19E+01	-9.30E+01	1.64E+02	-2.44E-03	-3.17E+00
7.19E+01	-9.30E+01	1.64E+02	-2.93E-02	-3.16E+00
7.19E+01	-9.30E+01	1.64E+02	-1.46E-02	-3.17E+00
7.19E+01	-9.30E+01	1.64E+02	-9.77E-03	-3.15E+00
7.19E+01	-9.30E+01	1.64E+02	-1.83E-02	-3.16E+00
7.20E+01	-9.30E+01	1.64E+02	-1.71E-02	-3.16E+00
7.20E+01	-9.30E+01	1.64E+02	-2.20E-02	-3.16E+00
7.20E+01	-9.30E+01	1.64E+02	-6.10E-03	-3.16E+00
7.20E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.14E+00
7.20E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.15E+00

7.21E+01	-9.30E+01	1.64E+02	2.44E-03	-3.13E+00
7.21E+01	-9.30E+01	1.64E+02	-1.22E-03	-3.14E+00
7.21E+01	-9.30E+01	1.64E+02	-3.54E-02	-3.15E+00
7.21E+01	-9.30E+01	1.64E+02	-9.77E-03	-3.14E+00
7.21E+01	-9.30E+01	1.64E+02	-2.81E-02	-3.14E+00
7.22E+01	-9.30E+01	1.64E+02	-4.88E-03	-3.14E+00
7.22E+01	-9.30E+01	1.64E+02	-1.46E-02	-3.11E+00
7.22E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.15E+00
7.22E+01	-9.30E+01	1.64E+02	-2.44E-03	-3.13E+00
7.22E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.13E+00
7.23E+01	-9.30E+01	1.64E+02	-1.71E-02	-3.13E+00
7.23E+01	-9.30E+01	1.64E+02	-2.44E-03	-3.12E+00
7.23E+01	-9.30E+01	1.64E+02	-2.20E-02	-3.12E+00
7.23E+01	-9.30E+01	1.64E+02	-4.88E-03	-3.15E+00
7.23E+01	-9.30E+01	1.64E+02	-2.32E-02	-3.12E+00
7.24E+01	-9.30E+01	1.64E+02	-4.39E-02	-3.13E+00
7.24E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.12E+00
7.24E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.11E+00
7.24E+01	-9.30E+01	1.64E+02	-2.20E-02	-3.12E+00
7.24E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.09E+00
7.25E+01	-9.30E+01	1.64E+02	-4.64E-02	-3.12E+00
7.25E+01	-9.30E+01	1.64E+02	-1.71E-02	-3.12E+00
7.25E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.11E+00
7.25E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.11E+00
7.25E+01	-9.30E+01	1.64E+02	-1.22E-02	-3.10E+00
7.26E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.11E+00
7.26E+01	-9.30E+01	1.64E+02	4.88E-03	-3.08E+00
7.26E+01	-9.30E+01	1.64E+02	-3.17E-02	-3.10E+00
7.26E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.10E+00
7.26E+01	-9.30E+01	1.64E+02	-1.34E-02	-3.10E+00
7.27E+01	-9.30E+01	1.64E+02	-2.81E-02	-3.10E+00
7.27E+01	-9.30E+01	1.64E+02	-1.22E-02	-3.09E+00
7.27E+01	-9.30E+01	1.64E+02	-1.95E-02	-3.10E+00
7.27E+01	-9.30E+01	1.64E+02	-3.91E-02	-3.09E+00
7.27E+01	-9.30E+01	1.64E+02	-4.88E-03	-3.08E+00
7.28E+01	-9.30E+01	1.64E+02	-3.54E-02	-3.09E+00
7.28E+01	-9.30E+01	1.64E+02	-9.77E-03	-3.09E+00
7.28E+01	-9.30E+01	1.64E+02	-1.71E-02	-3.08E+00
7.28E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.09E+00
7.28E+01	-9.30E+01	1.64E+02	1.95E-02	-3.10E+00
7.29E+01	-9.30E+01	1.64E+02	-2.44E-02	-3.08E+00
7.29E+01	-9.30E+01	1.64E+02	-9.77E-03	-3.08E+00
7.29E+01	-9.30E+01	1.64E+02	-1.83E-02	-3.07E+00
7.29E+01	-9.30E+01	1.64E+02	-1.46E-02	-3.08E+00
7.29E+01	-9.30E+01	1.64E+02	-1.71E-02	-3.07E+00
7.30E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.08E+00
7.30E+01	-9.30E+01	1.64E+02	-1.46E-02	-3.07E+00

7.30E+01	-9.30E+01	1.64E+02	-1.22E-03	-3.06E+00
7.30E+01	-9.30E+01	1.64E+02	-2.20E-02	-3.07E+00
7.30E+01	-9.30E+01	1.64E+02	-1.22E-02	-3.06E+00
7.31E+01	-9.30E+01	1.64E+02	-2.44E-02	-3.07E+00
7.31E+01	-9.30E+01	1.64E+02	-1.95E-02	-3.07E+00
7.31E+01	-9.30E+01	1.64E+02	-9.77E-03	-3.05E+00
7.31E+01	-9.30E+01	1.64E+02	-3.17E-02	-3.05E+00
7.31E+01	-9.30E+01	1.64E+02	-3.66E-03	-3.06E+00
7.32E+01	-9.30E+01	1.64E+02	-1.10E-02	-3.05E+00
7.32E+01	-9.30E+01	1.64E+02	-2.32E-02	-3.06E+00
7.32E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.05E+00
7.32E+01	-9.30E+01	1.64E+02	-2.44E-02	-3.06E+00
7.32E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.05E+00
7.33E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.04E+00
7.33E+01	-9.30E+01	1.64E+02	-1.71E-02	-3.05E+00
7.33E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.04E+00
7.33E+01	-9.30E+01	1.64E+02	-2.93E-02	-3.05E+00
7.33E+01	-9.30E+01	1.64E+02	-7.32E-03	-3.04E+00
7.34E+01	-9.30E+01	1.64E+02	-1.22E-02	-3.04E+00
7.34E+01	-9.30E+01	1.64E+02	-2.93E-02	-3.04E+00
7.34E+01	-9.30E+01	1.64E+02	3.66E-03	-3.04E+00
7.34E+01	-9.30E+01	1.64E+02	-1.22E-02	-3.03E+00
7.34E+01	-9.30E+01	1.64E+02	-2.20E-02	-3.04E+00
7.35E+01	-9.30E+01	1.64E+02	-2.44E-02	-3.03E+00
7.35E+01	-9.30E+01	1.63E+02	-4.27E-02	-3.03E+00
7.35E+01	-9.30E+01	1.64E+02	0.00E+00	-3.03E+00
7.35E+01	-9.30E+01	1.64E+02	2.44E-03	-3.03E+00
7.35E+01	-9.30E+01	1.64E+02	-2.69E-02	-3.02E+00
7.36E+01	-9.30E+01	1.64E+02	-1.83E-02	-3.03E+00
7.36E+01	-9.30E+01	1.64E+02	-2.44E-03	-3.02E+00
7.36E+01	-9.30E+01	1.64E+02	-4.88E-03	-3.02E+00
7.36E+01	-9.30E+01	1.64E+02	-4.88E-03	-3.03E+00
7.36E+01	-9.30E+01	1.64E+02	6.10E-03	-3.01E+00
7.37E+01	-9.30E+01	1.63E+02	-2.44E-02	-3.02E+00
7.37E+01	-9.30E+01	1.63E+02	-9.77E-03	-3.01E+00
7.37E+01	-9.30E+01	1.64E+02	-1.95E-02	-3.00E+00
7.37E+01	-9.30E+01	1.64E+02	6.10E-03	-3.00E+00
7.37E+01	-9.30E+01	1.64E+02	2.44E-03	-3.00E+00
7.38E+01	-9.30E+01	1.64E+02	-3.91E-02	-3.01E+00
7.38E+01	-9.30E+01	1.64E+02	-1.22E-02	-3.01E+00
7.38E+01	-9.30E+01	1.64E+02	-1.59E-02	-3.00E+00
7.38E+01	-9.30E+01	1.63E+02	-2.44E-02	-3.00E+00
7.38E+01	-9.30E+01	1.64E+02	-4.88E-03	-2.98E+00
7.39E+01	-9.30E+01	1.64E+02	-3.91E-02	-3.00E+00
7.39E+01	-9.30E+01	1.64E+02	8.54E-03	-3.00E+00
7.39E+01	-9.30E+01	1.64E+02	-2.69E-02	-2.99E+00
7.39E+01	-9.30E+01	1.64E+02	-2.20E-02	-3.00E+00

7.39E+01	-9.30E+01	1.64E+02	-3.66E-03	-2.98E+00
7.40E+01	-9.30E+01	1.64E+02	-3.05E-02	-2.99E+00
7.40E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.99E+00
7.40E+01	-9.30E+01	1.63E+02	-3.17E-02	-2.98E+00
7.40E+01	-9.30E+01	1.64E+02	-6.10E-03	-2.99E+00
7.40E+01	-9.30E+01	1.64E+02	-6.10E-03	-2.97E+00
7.41E+01	-9.30E+01	1.64E+02	-1.59E-02	-2.98E+00
7.41E+01	-9.30E+01	1.64E+02	-2.69E-02	-2.98E+00
7.41E+01	-9.30E+01	1.64E+02	2.44E-03	-2.97E+00
7.41E+01	-9.30E+01	1.63E+02	-5.62E-02	-2.97E+00
7.41E+01	-9.30E+01	1.64E+02	0.00E+00	-2.97E+00
7.42E+01	-9.30E+01	1.64E+02	-1.95E-02	-2.97E+00
7.42E+01	-9.30E+01	1.63E+02	-1.10E-02	-2.98E+00
7.42E+01	-9.30E+01	1.64E+02	-3.66E-03	-2.96E+00
7.42E+01	-9.30E+01	1.64E+02	-5.13E-02	-2.97E+00
7.42E+01	-9.30E+01	1.64E+02	-7.32E-03	-2.95E+00
7.43E+01	-9.30E+01	1.63E+02	-2.93E-02	-2.95E+00
7.43E+01	-9.30E+01	1.63E+02	-2.93E-02	-2.97E+00
7.43E+01	-9.30E+01	1.64E+02	-9.77E-03	-2.95E+00
7.43E+01	-9.30E+01	1.64E+02	-2.81E-02	-2.96E+00
7.43E+01	-9.30E+01	1.64E+02	-3.42E-02	-2.95E+00
7.44E+01	-9.30E+01	1.64E+02	-2.81E-02	-2.96E+00
7.44E+01	-9.30E+01	1.64E+02	-2.20E-02	-2.96E+00
7.44E+01	-9.30E+01	1.64E+02	2.44E-03	-2.95E+00
7.44E+01	-9.30E+01	1.64E+02	-3.05E-02	-2.95E+00
7.44E+01	-9.30E+01	1.63E+02	-1.10E-02	-2.95E+00
7.45E+01	-9.30E+01	1.64E+02	-9.77E-03	-2.94E+00
7.45E+01	-9.30E+01	1.64E+02	-3.66E-02	-2.95E+00
7.45E+01	-9.30E+01	1.64E+02	6.10E-03	-2.94E+00
7.45E+01	-9.30E+01	1.64E+02	-2.56E-02	-2.93E+00
7.45E+01	-9.30E+01	1.63E+02	-1.10E-02	-2.94E+00
7.46E+01	-9.30E+01	1.64E+02	-7.32E-03	-2.93E+00
7.46E+01	-9.30E+01	1.64E+02	-3.05E-02	-2.94E+00
7.46E+01	-9.30E+01	1.63E+02	1.71E-02	-2.95E+00
7.46E+01	-9.30E+01	1.64E+02	-7.32E-03	-2.92E+00
7.46E+01	-9.30E+01	1.64E+02	-3.05E-02	-2.93E+00
7.47E+01	-9.30E+01	1.63E+02	-4.88E-03	-2.93E+00
7.47E+01	-9.30E+01	1.64E+02	-2.81E-02	-2.93E+00
7.47E+01	-9.30E+01	1.63E+02	-4.88E-03	-2.93E+00
7.47E+01	-9.30E+01	1.63E+02	-1.46E-02	-2.91E+00
7.47E+01	-9.30E+01	1.63E+02	-2.32E-02	-2.92E+00
7.48E+01	-9.30E+01	1.63E+02	-1.34E-02	-2.92E+00
7.48E+01	-9.30E+01	1.64E+02	-1.71E-02	-2.92E+00
7.48E+01	-9.30E+01	1.63E+02	-1.95E-02	-2.92E+00
7.48E+01	-9.30E+01	1.63E+02	-1.34E-02	-2.90E+00
7.48E+01	-9.30E+01	1.63E+02	-1.46E-02	-2.91E+00
7.49E+01	-9.30E+01	1.63E+02	3.66E-03	-2.91E+00

7.49E+01	-9.30E+01	1.64E+02	-2.69E-02	-2.90E+00
7.49E+01	-9.30E+01	1.63E+02	-2.93E-02	-2.92E+00
7.49E+01	-9.30E+01	1.63E+02	-3.66E-03	-2.90E+00
7.49E+01	-9.30E+01	1.64E+02	-2.56E-02	-2.90E+00
7.50E+01	-9.30E+01	1.64E+02	-2.08E-02	-2.92E+00
7.50E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.89E+00
7.50E+01	-9.30E+01	1.64E+02	-4.39E-02	-2.90E+00
7.50E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.90E+00
7.50E+01	-9.30E+01	1.64E+02	-1.46E-02	-2.89E+00
7.51E+01	-9.30E+01	1.63E+02	-3.17E-02	-2.90E+00
7.51E+01	-9.30E+01	1.63E+02	8.54E-03	-2.90E+00
7.51E+01	-9.30E+01	1.64E+02	-1.95E-02	-2.89E+00
7.51E+01	-9.30E+01	1.63E+02	-1.95E-02	-2.90E+00
7.51E+01	-9.30E+01	1.63E+02	-1.10E-02	-2.89E+00
7.52E+01	-9.30E+01	1.64E+02	-2.44E-02	-2.88E+00
7.52E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.90E+00
7.52E+01	-9.30E+01	1.63E+02	3.42E-02	-2.89E+00
7.52E+01	-9.30E+01	1.63E+02	-4.39E-02	-2.88E+00
7.52E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.88E+00
7.53E+01	-9.30E+01	1.63E+02	-8.54E-03	-2.87E+00
7.53E+01	-9.30E+01	1.64E+02	-2.69E-02	-2.88E+00
7.53E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.87E+00
7.53E+01	-9.30E+01	1.63E+02	1.22E-03	-2.87E+00
7.53E+01	-9.30E+01	1.64E+02	-1.22E-02	-2.88E+00
7.54E+01	-9.30E+01	1.63E+02	-2.44E-03	-2.87E+00
7.54E+01	-9.30E+01	1.63E+02	-4.88E-03	-2.86E+00
7.54E+01	-9.30E+01	1.63E+02	-2.69E-02	-2.87E+00
7.54E+01	-9.30E+01	1.63E+02	-4.88E-03	-2.86E+00
7.54E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.85E+00
7.55E+01	-9.30E+01	1.63E+02	-2.69E-02	-2.86E+00
7.55E+01	-9.30E+01	1.63E+02	-1.83E-02	-2.86E+00
7.55E+01	-9.30E+01	1.63E+02	-3.17E-02	-2.86E+00
7.55E+01	-9.30E+01	1.63E+02	-6.10E-03	-2.86E+00
7.55E+01	-9.30E+01	1.64E+02	-1.95E-02	-2.85E+00
7.56E+01	-9.30E+01	1.63E+02	-1.95E-02	-2.86E+00
7.56E+01	-9.30E+01	1.63E+02	-2.81E-02	-2.82E+00
7.56E+01	-9.30E+01	1.63E+02	-2.93E-02	-2.85E+00
7.56E+01	-9.30E+01	1.63E+02	-2.08E-02	-2.85E+00
7.56E+01	-9.30E+01	1.63E+02	-1.71E-02	-2.84E+00
7.57E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.85E+00
7.57E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.84E+00
7.57E+01	-9.30E+01	1.63E+02	-3.42E-02	-2.84E+00
7.57E+01	-9.30E+01	1.63E+02	-4.88E-03	-2.84E+00
7.57E+01	-9.30E+01	1.63E+02	-1.71E-02	-2.83E+00
7.58E+01	-9.30E+01	1.63E+02	-1.95E-02	-2.85E+00
7.58E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.83E+00
7.58E+01	-9.30E+01	1.63E+02	-2.69E-02	-2.84E+00

7.58E+01	-9.30E+01	1.63E+02	2.44E-02	-2.83E+00
7.58E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.82E+00
7.59E+01	-9.30E+01	1.63E+02	-2.81E-02	-2.83E+00
7.59E+01	-9.30E+01	1.63E+02	-4.88E-03	-2.83E+00
7.59E+01	-9.30E+01	1.63E+02	-2.44E-02	-2.82E+00
7.59E+01	-9.30E+01	1.63E+02	-1.46E-02	-2.83E+00
7.59E+01	-9.30E+01	1.63E+02	-2.44E-02	-2.80E+00
7.60E+01	-9.30E+01	1.63E+02	-2.93E-02	-2.83E+00
7.60E+01	-9.30E+01	1.63E+02	-6.10E-03	-2.81E+00
7.60E+01	-9.30E+01	1.63E+02	-2.93E-02	-2.82E+00
7.60E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.82E+00
7.60E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.80E+00
7.61E+01	-9.30E+01	1.63E+02	-3.05E-02	-2.81E+00
7.61E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.81E+00
7.61E+01	-9.30E+01	1.63E+02	-1.71E-02	-2.80E+00
7.61E+01	-9.30E+01	1.63E+02	-2.32E-02	-2.82E+00
7.61E+01	-9.30E+01	1.63E+02	-2.08E-02	-2.80E+00
7.62E+01	-9.30E+01	1.63E+02	-2.44E-02	-2.81E+00
7.62E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.80E+00
7.62E+01	-9.30E+01	1.63E+02	-4.15E-02	-2.80E+00
7.62E+01	-9.30E+01	1.63E+02	-2.44E-03	-2.80E+00
7.62E+01	-9.30E+01	1.63E+02	-4.88E-03	-2.79E+00
7.63E+01	-9.30E+01	1.63E+02	-2.93E-02	-2.80E+00
7.63E+01	-9.30E+01	1.63E+02	-1.46E-02	-2.79E+00
7.63E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.79E+00
7.63E+01	-9.30E+01	1.63E+02	-3.42E-02	-2.79E+00
7.63E+01	-9.30E+01	1.63E+02	2.44E-03	-2.79E+00
7.64E+01	-9.30E+01	1.63E+02	-3.05E-02	-2.78E+00
7.64E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.80E+00
7.64E+01	-9.30E+01	1.63E+02	7.32E-03	-2.78E+00
7.64E+01	-9.30E+01	1.63E+02	-2.56E-02	-2.78E+00
7.64E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.78E+00
7.65E+01	-9.30E+01	1.63E+02	-2.56E-02	-2.77E+00
7.65E+01	-9.30E+01	1.63E+02	-1.71E-02	-2.78E+00
7.65E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.77E+00
7.65E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.77E+00
7.65E+01	-9.30E+01	1.63E+02	-1.46E-02	-2.77E+00
7.66E+01	-9.30E+01	1.63E+02	-1.22E-02	-2.76E+00
7.66E+01	-9.30E+01	1.63E+02	-3.66E-02	-2.77E+00
7.66E+01	-9.30E+01	1.63E+02	9.77E-03	-2.77E+00
7.66E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.77E+00
7.66E+01	-9.30E+01	1.63E+02	-3.17E-02	-2.77E+00
7.67E+01	-9.30E+01	1.63E+02	-2.44E-03	-2.75E+00
7.67E+01	-9.30E+01	1.63E+02	-1.46E-02	-2.76E+00
7.67E+01	-9.30E+01	1.63E+02	-2.93E-02	-2.76E+00
7.67E+01	-9.30E+01	1.63E+02	-2.44E-03	-2.75E+00
7.67E+01	-9.30E+01	1.63E+02	-2.44E-02	-2.75E+00

7.68E+01	-9.30E+01	1.63E+02	-1.59E-02	-2.75E+00
7.68E+01	-9.30E+01	1.63E+02	-1.71E-02	-2.76E+00
7.68E+01	-9.30E+01	1.63E+02	-2.44E-02	-2.75E+00
7.68E+01	-9.30E+01	1.63E+02	-2.44E-03	-2.74E+00
7.68E+01	-9.30E+01	1.63E+02	-3.91E-02	-2.75E+00
7.69E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.75E+00
7.69E+01	-9.30E+01	1.63E+02	-3.54E-02	-2.74E+00
7.69E+01	-9.30E+01	1.63E+02	-3.54E-02	-2.74E+00
7.69E+01	-9.30E+01	1.63E+02	1.22E-03	-2.74E+00
7.69E+01	-9.30E+01	1.63E+02	-2.56E-02	-2.74E+00
7.70E+01	-9.30E+01	1.63E+02	0.00E+00	-2.74E+00
7.70E+01	-9.30E+01	1.63E+02	-2.08E-02	-2.72E+00
7.70E+01	-9.30E+01	1.63E+02	-2.32E-02	-2.74E+00
7.70E+01	-9.30E+01	1.63E+02	-3.17E-02	-2.71E+00
7.70E+01	-9.30E+01	1.63E+02	-1.95E-02	-2.73E+00
7.71E+01	-9.30E+01	1.63E+02	-1.46E-02	-2.73E+00
7.71E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.72E+00
7.71E+01	-9.30E+01	1.63E+02	-3.42E-02	-2.73E+00
7.71E+01	-9.30E+01	1.63E+02	-3.42E-02	-2.72E+00
7.71E+01	-9.30E+01	1.63E+02	-4.88E-03	-2.70E+00
7.72E+01	-9.30E+01	1.62E+02	-3.42E-02	-2.72E+00
7.72E+01	-9.30E+01	1.62E+02	9.77E-03	-2.72E+00
7.72E+01	-9.30E+01	1.63E+02	-3.66E-02	-2.71E+00
7.72E+01	-9.30E+01	1.63E+02	-1.10E-02	-2.72E+00
7.72E+01	-9.30E+01	1.63E+02	6.10E-03	-2.71E+00
7.73E+01	-9.30E+01	1.63E+02	-2.44E-02	-2.73E+00
7.73E+01	-9.30E+01	1.63E+02	-1.83E-02	-2.70E+00
7.73E+01	-9.30E+01	1.63E+02	-3.42E-02	-2.71E+00
7.73E+01	-9.30E+01	1.63E+02	-1.34E-02	-2.71E+00
7.73E+01	-9.30E+01	1.63E+02	0.00E+00	-2.70E+00
7.74E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.70E+00
7.74E+01	-9.30E+01	1.63E+02	-1.10E-02	-2.70E+00
7.74E+01	-9.30E+01	1.63E+02	9.77E-03	-2.71E+00
7.74E+01	-9.30E+01	1.63E+02	-3.42E-02	-2.71E+00
7.74E+01	-9.30E+01	1.62E+02	-2.44E-03	-2.69E+00
7.75E+01	-9.30E+01	1.63E+02	-3.42E-02	-2.69E+00
7.75E+01	-9.30E+01	1.63E+02	-2.93E-02	-2.70E+00
7.75E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.68E+00
7.75E+01	-9.30E+01	1.63E+02	-2.81E-02	-2.71E+00
7.75E+01	-9.30E+01	1.62E+02	-4.27E-02	-2.68E+00
7.76E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.69E+00
7.76E+01	-9.30E+01	1.63E+02	-3.42E-02	-2.68E+00
7.76E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.69E+00
7.76E+01	-9.30E+01	1.63E+02	-1.71E-02	-2.67E+00
7.76E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.69E+00
7.77E+01	-9.30E+01	1.63E+02	-2.32E-02	-2.66E+00
7.77E+01	-9.30E+01	1.63E+02	-1.95E-02	-2.68E+00

7.77E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.68E+00
7.77E+01	-9.30E+01	1.63E+02	-1.71E-02	-2.66E+00
7.77E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.68E+00
7.78E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.67E+00
7.78E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.67E+00
7.78E+01	-9.30E+01	1.62E+02	-5.49E-02	-2.67E+00
7.78E+01	-9.30E+01	1.63E+02	2.44E-03	-2.66E+00
7.78E+01	-9.30E+01	1.63E+02	-1.22E-02	-2.65E+00
7.79E+01	-9.30E+01	1.63E+02	-2.93E-02	-2.67E+00
7.79E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.66E+00
7.79E+01	-9.30E+01	1.63E+02	-1.22E-02	-2.65E+00
7.79E+01	-9.30E+01	1.63E+02	-4.15E-02	-2.65E+00
7.79E+01	-9.30E+01	1.63E+02	8.54E-03	-2.66E+00
7.80E+01	-9.30E+01	1.62E+02	-3.91E-02	-2.65E+00
7.80E+01	-9.30E+01	1.62E+02	-1.59E-02	-2.66E+00
7.80E+01	-9.30E+01	1.63E+02	-1.22E-02	-2.64E+00
7.80E+01	-9.30E+01	1.63E+02	-4.64E-02	-2.65E+00
7.80E+01	-9.30E+01	1.63E+02	-3.66E-03	-2.65E+00
7.81E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.65E+00
7.81E+01	-9.30E+01	1.63E+02	-1.83E-02	-2.64E+00
7.81E+01	-9.30E+01	1.63E+02	-3.66E-03	-2.63E+00
7.81E+01	-9.30E+01	1.62E+02	-3.05E-02	-2.65E+00
7.81E+01	-9.30E+01	1.63E+02	-4.88E-03	-2.63E+00
7.82E+01	-9.30E+01	1.63E+02	-2.44E-02	-2.63E+00
7.82E+01	-9.30E+01	1.63E+02	-1.83E-02	-2.65E+00
7.82E+01	-9.30E+01	1.62E+02	7.32E-03	-2.63E+00
7.82E+01	-9.30E+01	1.62E+02	-1.83E-02	-2.63E+00
7.82E+01	-9.30E+01	1.63E+02	-2.44E-02	-2.64E+00
7.83E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.62E+00
7.83E+01	-9.30E+01	1.63E+02	-3.91E-02	-2.62E+00
7.83E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.62E+00
7.83E+01	-9.30E+01	1.63E+02	-6.10E-03	-2.62E+00
7.83E+01	-9.30E+01	1.63E+02	-1.83E-02	-2.62E+00
7.84E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.63E+00
7.84E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.61E+00
7.84E+01	-9.30E+01	1.63E+02	-3.30E-02	-2.61E+00
7.84E+01	-9.30E+01	1.63E+02	-2.32E-02	-2.60E+00
7.84E+01	-9.30E+01	1.63E+02	-3.54E-02	-2.60E+00
7.85E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.62E+00
7.85E+01	-9.30E+01	1.63E+02	-1.22E-02	-2.60E+00
7.85E+01	-9.30E+01	1.63E+02	-2.81E-02	-2.62E+00
7.85E+01	-9.30E+01	1.62E+02	-3.05E-02	-2.60E+00
7.85E+01	-9.30E+01	1.63E+02	-1.83E-02	-2.60E+00
7.86E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.61E+00
7.86E+01	-9.30E+01	1.63E+02	7.32E-03	-2.59E+00
7.86E+01	-9.30E+01	1.63E+02	-2.69E-02	-2.60E+00
7.86E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.60E+00

7.86E+01	-9.30E+01	1.63E+02	3.05E-02	-2.59E+00
7.87E+01	-9.30E+01	1.63E+02	-4.88E-02	-2.60E+00
7.87E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.59E+00
7.87E+01	-9.30E+01	1.63E+02	-2.20E-02	-2.59E+00
7.87E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.60E+00
7.87E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.58E+00
7.88E+01	-9.30E+01	1.63E+02	-2.81E-02	-2.59E+00
7.88E+01	-9.30E+01	1.63E+02	4.39E-02	-2.58E+00
7.88E+01	-9.30E+01	1.63E+02	-2.56E-02	-2.58E+00
7.88E+01	-9.30E+01	1.62E+02	-2.08E-02	-2.59E+00
7.88E+01	-9.30E+01	1.63E+02	-1.71E-02	-2.57E+00
7.89E+01	-9.30E+01	1.63E+02	-2.69E-02	-2.58E+00
7.89E+01	-9.30E+01	1.63E+02	-1.34E-02	-2.58E+00
7.89E+01	-9.30E+01	1.63E+02	-2.44E-03	-2.57E+00
7.89E+01	-9.30E+01	1.63E+02	-3.66E-02	-2.58E+00
7.89E+01	-9.30E+01	1.63E+02	-1.22E-02	-2.57E+00
7.90E+01	-9.30E+01	1.62E+02	-3.66E-02	-2.58E+00
7.90E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.56E+00
7.90E+01	-9.30E+01	1.63E+02	-2.69E-02	-2.57E+00
7.90E+01	-9.30E+01	1.63E+02	-1.95E-02	-2.57E+00
7.90E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.56E+00
7.91E+01	-9.30E+01	1.63E+02	-2.93E-02	-2.58E+00
7.91E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.57E+00
7.91E+01	-9.30E+01	1.63E+02	-3.42E-02	-2.55E+00
7.91E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.56E+00
7.91E+01	-9.30E+01	1.63E+02	-1.22E-03	-2.55E+00
7.92E+01	-9.30E+01	1.63E+02	-3.66E-02	-2.55E+00
7.92E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.55E+00
7.92E+01	-9.30E+01	1.63E+02	3.66E-03	-2.55E+00
7.92E+01	-9.30E+01	1.63E+02	-3.91E-02	-2.55E+00
7.92E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.55E+00
7.93E+01	-9.30E+01	1.63E+02	-1.22E-02	-2.54E+00
7.93E+01	-9.30E+01	1.63E+02	-2.93E-02	-2.55E+00
7.93E+01	-9.30E+01	1.63E+02	-3.66E-03	-2.54E+00
7.93E+01	-9.30E+01	1.63E+02	-3.66E-02	-2.52E+00
7.93E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.54E+00
7.94E+01	-9.30E+01	1.63E+02	-1.71E-02	-2.53E+00
7.94E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.54E+00
7.94E+01	-9.30E+01	1.63E+02	4.88E-03	-2.53E+00
7.94E+01	-9.30E+01	1.63E+02	-2.69E-02	-2.53E+00
7.94E+01	-9.30E+01	1.62E+02	-3.66E-03	-2.53E+00
7.95E+01	-9.30E+01	1.62E+02	-1.10E-02	-2.52E+00
7.95E+01	-9.30E+01	1.63E+02	-1.46E-02	-2.54E+00
7.95E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.53E+00
7.95E+01	-9.30E+01	1.63E+02	-4.88E-03	-2.52E+00
7.95E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.53E+00
7.96E+01	-9.30E+01	1.62E+02	2.44E-03	-2.52E+00

7.96E+01	-9.30E+01	1.63E+02	-1.95E-02	-2.53E+00
7.96E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.52E+00
7.96E+01	-9.30E+01	1.63E+02	-1.10E-02	-2.51E+00
7.96E+01	-9.30E+01	1.62E+02	-4.15E-02	-2.51E+00
7.97E+01	-9.30E+01	1.63E+02	3.66E-03	-2.51E+00
7.97E+01	-9.30E+01	1.63E+02	-3.17E-02	-2.51E+00
7.97E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.50E+00
7.97E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.50E+00
7.97E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.51E+00
7.98E+01	-9.30E+01	1.62E+02	-1.83E-02	-2.51E+00
7.98E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.50E+00
7.98E+01	-9.30E+01	1.62E+02	-3.17E-02	-2.50E+00
7.98E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.50E+00
7.98E+01	-9.30E+01	1.63E+02	-1.95E-02	-2.49E+00
7.99E+01	-9.30E+01	1.62E+02	-3.17E-02	-2.51E+00
7.99E+01	-9.30E+01	1.62E+02	1.22E-02	-2.49E+00
7.99E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.49E+00
7.99E+01	-9.30E+01	1.63E+02	-6.10E-03	-2.49E+00
7.99E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.48E+00
8.00E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.49E+00
8.00E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.48E+00
8.00E+01	-9.30E+01	1.63E+02	-3.66E-03	-2.48E+00
8.00E+01	-9.30E+01	1.63E+02	-3.91E-02	-2.48E+00
8.00E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.48E+00
8.01E+01	-9.30E+01	1.62E+02	-3.17E-02	-2.48E+00
8.01E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.48E+00
8.01E+01	-9.30E+01	1.63E+02	-2.44E-03	-2.46E+00
8.01E+01	-9.30E+01	1.62E+02	-3.91E-02	-2.49E+00
8.01E+01	-9.30E+01	1.62E+02	3.66E-03	-2.47E+00
8.02E+01	-9.30E+01	1.62E+02	-3.17E-02	-2.46E+00
8.02E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.47E+00
8.02E+01	-9.30E+01	1.62E+02	2.69E-02	-2.46E+00
8.02E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.47E+00
8.02E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.46E+00
8.03E+01	-9.30E+01	1.63E+02	-2.44E-03	-2.45E+00
8.03E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.46E+00
8.03E+01	-9.30E+01	1.62E+02	0.00E+00	-2.45E+00
8.03E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.45E+00
8.03E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.45E+00
8.04E+01	-9.30E+01	1.63E+02	-8.54E-03	-2.44E+00
8.04E+01	-9.30E+01	1.62E+02	-2.56E-02	-2.46E+00
8.04E+01	-9.30E+01	1.62E+02	-2.44E-03	-2.45E+00
8.04E+01	-9.30E+01	1.63E+02	-4.03E-02	-2.45E+00
8.04E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.45E+00
8.05E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.43E+00
8.05E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.44E+00
8.05E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.43E+00

8.05E+01	-9.30E+01	1.63E+02	-1.22E-02	-2.45E+00
8.05E+01	-9.30E+01	1.63E+02	-1.22E-02	-2.44E+00
8.06E+01	-9.30E+01	1.62E+02	2.44E-03	-2.43E+00
8.06E+01	-9.30E+01	1.62E+02	-2.32E-02	-2.44E+00
8.06E+01	-9.30E+01	1.62E+02	-2.44E-03	-2.43E+00
8.06E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.41E+00
8.06E+01	-9.30E+01	1.63E+02	-2.08E-02	-2.43E+00
8.07E+01	-9.30E+01	1.63E+02	-3.66E-03	-2.43E+00
8.07E+01	-9.30E+01	1.62E+02	-3.54E-02	-2.43E+00
8.07E+01	-9.30E+01	1.62E+02	-1.10E-02	-2.43E+00
8.07E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.41E+00
8.07E+01	-9.30E+01	1.63E+02	-2.81E-02	-2.42E+00
8.08E+01	-9.30E+01	1.62E+02	2.20E-02	-2.42E+00
8.08E+01	-9.30E+01	1.62E+02	-3.42E-02	-2.41E+00
8.08E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.43E+00
8.08E+01	-9.30E+01	1.62E+02	-2.56E-02	-2.40E+00
8.08E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.41E+00
8.09E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.41E+00
8.09E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.40E+00
8.09E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.43E+00
8.09E+01	-9.30E+01	1.62E+02	1.22E-02	-2.41E+00
8.09E+01	-9.30E+01	1.63E+02	-2.44E-03	-2.40E+00
8.10E+01	-9.30E+01	1.62E+02	-2.08E-02	-2.41E+00
8.10E+01	-9.30E+01	1.62E+02	-1.34E-02	-2.40E+00
8.10E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.39E+00
8.10E+01	-9.30E+01	1.62E+02	-3.78E-02	-2.40E+00
8.10E+01	-9.30E+01	1.62E+02	-2.44E-02	-2.40E+00
8.11E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.39E+00
8.11E+01	-9.30E+01	1.62E+02	-3.42E-02	-2.40E+00
8.11E+01	-9.30E+01	1.63E+02	-8.54E-03	-2.38E+00
8.11E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.38E+00
8.11E+01	-9.30E+01	1.62E+02	-2.44E-02	-2.39E+00
8.12E+01	-9.30E+01	1.62E+02	0.00E+00	-2.38E+00
8.12E+01	-9.30E+01	1.63E+02	1.22E-02	-2.38E+00
8.12E+01	-9.30E+01	1.62E+02	-6.10E-03	-2.39E+00
8.12E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.37E+00
8.12E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.37E+00
8.13E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.38E+00
8.13E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.37E+00
8.13E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.37E+00
8.13E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.38E+00
8.13E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.37E+00
8.14E+01	-9.30E+01	1.62E+02	-1.59E-02	-2.37E+00
8.14E+01	-9.30E+01	1.62E+02	-2.44E-03	-2.37E+00
8.14E+01	-9.30E+01	1.62E+02	-3.66E-02	-2.37E+00
8.14E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.37E+00
8.14E+01	-9.30E+01	1.63E+02	-7.32E-03	-2.35E+00

8.15E+01	-9.30E+01	1.62E+02	-5.25E-02	-2.37E+00
8.15E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.36E+00
8.15E+01	-9.30E+01	1.63E+02	-1.46E-02	-2.35E+00
8.15E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.36E+00
8.15E+01	-9.30E+01	1.62E+02	-1.34E-02	-2.35E+00
8.16E+01	-9.30E+01	1.62E+02	-2.44E-02	-2.35E+00
8.16E+01	-9.30E+01	1.62E+02	-6.10E-03	-2.35E+00
8.16E+01	-9.30E+01	1.63E+02	-1.71E-02	-2.34E+00
8.16E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.34E+00
8.16E+01	-9.30E+01	1.62E+02	1.59E-02	-2.34E+00
8.17E+01	-9.30E+01	1.63E+02	-1.95E-02	-2.34E+00
8.17E+01	-9.30E+01	1.63E+02	-2.08E-02	-2.35E+00
8.17E+01	-9.30E+01	1.63E+02	-9.77E-03	-2.33E+00
8.17E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.34E+00
8.17E+01	-9.30E+01	1.62E+02	-1.22E-03	-2.32E+00
8.18E+01	-9.30E+01	1.63E+02	-3.66E-02	-2.33E+00
8.18E+01	-9.30E+01	1.62E+02	-2.56E-02	-2.34E+00
8.18E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.33E+00
8.18E+01	-9.30E+01	1.62E+02	-4.15E-02	-2.33E+00
8.18E+01	-9.30E+01	1.62E+02	-2.44E-02	-2.34E+00
8.19E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.32E+00
8.19E+01	-9.30E+01	1.62E+02	-4.64E-02	-2.34E+00
8.19E+01	-9.30E+01	1.62E+02	-1.34E-02	-2.33E+00
8.19E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.32E+00
8.19E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.32E+00
8.20E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.31E+00
8.20E+01	-9.30E+01	1.62E+02	-3.42E-02	-2.32E+00
8.20E+01	-9.30E+01	1.62E+02	0.00E+00	-2.32E+00
8.20E+01	-9.30E+01	1.62E+02	-2.56E-02	-2.31E+00
8.20E+01	-9.30E+01	1.62E+02	-4.27E-02	-2.32E+00
8.21E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.30E+00
8.21E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.31E+00
8.21E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.31E+00
8.21E+01	-9.30E+01	1.62E+02	2.44E-03	-2.30E+00
8.21E+01	-9.30E+01	1.62E+02	-3.66E-02	-2.30E+00
8.22E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.30E+00
8.22E+01	-9.30E+01	1.62E+02	9.77E-03	-2.29E+00
8.22E+01	-9.30E+01	1.62E+02	-2.81E-02	-2.31E+00
8.22E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.30E+00
8.22E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.30E+00
8.23E+01	-9.30E+01	1.62E+02	-2.44E-02	-2.30E+00
8.23E+01	-9.30E+01	1.62E+02	1.22E-03	-2.29E+00
8.23E+01	-9.30E+01	1.62E+02	-2.32E-02	-2.29E+00
8.23E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.28E+00
8.23E+01	-9.30E+01	1.62E+02	-2.32E-02	-2.27E+00
8.24E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.30E+00
8.24E+01	-9.30E+01	1.62E+02	-2.44E-03	-2.28E+00

8.24E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.28E+00
8.24E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.29E+00
8.24E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.27E+00
8.25E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.29E+00
8.25E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.28E+00
8.25E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.27E+00
8.25E+01	-9.30E+01	1.62E+02	-3.42E-02	-2.26E+00
8.25E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.28E+00
8.26E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.26E+00
8.26E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.25E+00
8.26E+01	-9.30E+01	1.62E+02	-4.15E-02	-2.27E+00
8.26E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.25E+00
8.26E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.26E+00
8.27E+01	-9.30E+01	1.62E+02	4.88E-03	-2.26E+00
8.27E+01	-9.30E+01	1.62E+02	-2.08E-02	-2.25E+00
8.27E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.26E+00
8.27E+01	-9.30E+01	1.62E+02	-3.66E-03	-2.25E+00
8.27E+01	-9.30E+01	1.62E+02	-3.30E-02	-2.26E+00
8.28E+01	-9.30E+01	1.62E+02	-3.30E-02	-2.25E+00
8.28E+01	-9.30E+01	1.62E+02	-2.44E-03	-2.25E+00
8.28E+01	-9.30E+01	1.62E+02	-1.83E-02	-2.24E+00
8.28E+01	-9.30E+01	1.62E+02	-2.81E-02	-2.25E+00
8.28E+01	-9.30E+01	1.62E+02	-2.44E-03	-2.24E+00
8.29E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.24E+00
8.29E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.25E+00
8.29E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.23E+00
8.29E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.23E+00
8.29E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.24E+00
8.30E+01	-9.30E+01	1.62E+02	2.44E-03	-2.23E+00
8.30E+01	-9.30E+01	1.62E+02	-2.44E-02	-2.23E+00
8.30E+01	-9.30E+01	1.62E+02	-2.32E-02	-2.24E+00
8.30E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.23E+00
8.30E+01	-9.30E+01	1.62E+02	-1.10E-02	-2.23E+00
8.31E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.23E+00
8.31E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.22E+00
8.31E+01	-9.30E+01	1.62E+02	-3.66E-02	-2.23E+00
8.31E+01	-9.30E+01	1.62E+02	4.88E-03	-2.22E+00
8.31E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.21E+00
8.32E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.21E+00
8.32E+01	-9.30E+01	1.62E+02	1.71E-02	-2.21E+00
8.32E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.21E+00
8.32E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.21E+00
8.32E+01	-9.30E+01	1.62E+02	1.22E-02	-2.21E+00
8.33E+01	-9.30E+01	1.62E+02	-2.81E-02	-2.20E+00
8.33E+01	-9.30E+01	1.62E+02	-1.83E-02	-2.22E+00
8.33E+01	-9.30E+01	1.62E+02	-3.66E-03	-2.20E+00
8.33E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.21E+00

8.33E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.20E+00
8.34E+01	-9.30E+01	1.62E+02	2.44E-03	-2.19E+00
8.34E+01	-9.30E+01	1.62E+02	-2.81E-02	-2.20E+00
8.34E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.21E+00
8.34E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.19E+00
8.34E+01	-9.30E+01	1.62E+02	-2.56E-02	-2.20E+00
8.35E+01	-9.30E+01	1.62E+02	3.66E-03	-2.19E+00
8.35E+01	-9.30E+01	1.62E+02	-3.30E-02	-2.19E+00
8.35E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.19E+00
8.35E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.18E+00
8.35E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.19E+00
8.36E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.19E+00
8.36E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.18E+00
8.36E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.18E+00
8.36E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.20E+00
8.36E+01	-9.30E+01	1.62E+02	-1.59E-02	-2.17E+00
8.37E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.19E+00
8.37E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.18E+00
8.37E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.17E+00
8.37E+01	-9.30E+01	1.62E+02	-3.30E-02	-2.18E+00
8.37E+01	-9.30E+01	1.61E+02	-3.66E-03	-2.16E+00
8.38E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.15E+00
8.38E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.17E+00
8.38E+01	-9.30E+01	1.62E+02	4.88E-03	-2.16E+00
8.38E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.16E+00
8.38E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.16E+00
8.39E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.15E+00
8.39E+01	-9.30E+01	1.62E+02	-3.66E-03	-2.16E+00
8.39E+01	-9.30E+01	1.62E+02	-3.42E-02	-2.16E+00
8.39E+01	-9.30E+01	1.62E+02	2.44E-03	-2.15E+00
8.39E+01	-9.30E+01	1.62E+02	-4.15E-02	-2.15E+00
8.40E+01	-9.30E+01	1.62E+02	7.32E-03	-2.15E+00
8.40E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.14E+00
8.40E+01	-9.30E+01	1.62E+02	-2.32E-02	-2.15E+00
8.40E+01	-9.30E+01	1.62E+02	-2.44E-03	-2.14E+00
8.40E+01	-9.30E+01	1.62E+02	-3.66E-02	-2.14E+00
8.41E+01	-9.30E+01	1.62E+02	0.00E+00	-2.14E+00
8.41E+01	-9.30E+01	1.62E+02	9.77E-03	-2.14E+00
8.41E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.13E+00
8.41E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.15E+00
8.41E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.13E+00
8.42E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.13E+00
8.42E+01	-9.30E+01	1.62E+02	1.71E-02	-2.14E+00
8.42E+01	-9.30E+01	1.61E+02	-2.08E-02	-2.13E+00
8.42E+01	-9.30E+01	1.61E+02	-1.71E-02	-2.14E+00
8.42E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.12E+00
8.43E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.12E+00

8.43E+01	-9.30E+01	1.61E+02	-1.95E-02	-2.13E+00
8.43E+01	-9.30E+01	1.62E+02	-4.39E-02	-2.13E+00
8.43E+01	-9.30E+01	1.62E+02	-8.54E-03	-2.13E+00
8.43E+01	-9.30E+01	1.62E+02	0.00E+00	-2.12E+00
8.44E+01	-9.30E+01	1.62E+02	-3.05E-02	-2.11E+00
8.44E+01	-9.30E+01	1.62E+02	-2.44E-02	-2.12E+00
8.44E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.10E+00
8.44E+01	-9.30E+01	1.62E+02	-2.81E-02	-2.11E+00
8.44E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.11E+00
8.45E+01	-9.30E+01	1.62E+02	-2.44E-02	-2.11E+00
8.45E+01	-9.30E+01	1.62E+02	-4.39E-02	-2.11E+00
8.45E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.10E+00
8.45E+01	-9.30E+01	1.62E+02	-2.44E-03	-2.10E+00
8.45E+01	-9.30E+01	1.62E+02	-3.30E-02	-2.11E+00
8.46E+01	-9.30E+01	1.62E+02	6.10E-03	-2.10E+00
8.46E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.09E+00
8.46E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.10E+00
8.46E+01	-9.30E+01	1.62E+02	-2.93E-02	-2.11E+00
8.46E+01	-9.30E+01	1.62E+02	-1.59E-02	-2.10E+00
8.47E+01	-9.30E+01	1.62E+02	-6.10E-03	-2.10E+00
8.47E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.08E+00
8.47E+01	-9.30E+01	1.62E+02	-3.05E-02	-2.09E+00
8.47E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.10E+00
8.47E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.08E+00
8.48E+01	-9.30E+01	1.62E+02	-3.05E-02	-2.09E+00
8.48E+01	-9.30E+01	1.62E+02	-7.32E-03	-2.09E+00
8.48E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.08E+00
8.48E+01	-9.30E+01	1.62E+02	-3.78E-02	-2.08E+00
8.48E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.08E+00
8.49E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.07E+00
8.49E+01	-9.30E+01	1.62E+02	-2.44E-02	-2.08E+00
8.49E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.09E+00
8.49E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.06E+00
8.49E+01	-9.30E+01	1.62E+02	-4.52E-02	-2.07E+00
8.50E+01	-9.30E+01	1.62E+02	-3.66E-03	-2.07E+00
8.50E+01	-9.30E+01	1.62E+02	-1.83E-02	-2.06E+00
8.50E+01	-9.30E+01	1.62E+02	-2.20E-02	-2.07E+00
8.50E+01	-9.30E+01	1.62E+02	-3.66E-03	-2.06E+00
8.50E+01	-9.30E+01	1.62E+02	-3.78E-02	-2.06E+00
8.51E+01	-9.30E+01	1.62E+02	-2.56E-02	-2.07E+00
8.51E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.05E+00
8.51E+01	-9.30E+01	1.62E+02	-3.42E-02	-2.06E+00
8.51E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.06E+00
8.51E+01	-9.30E+01	1.62E+02	-4.88E-03	-2.05E+00
8.52E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.05E+00
8.52E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.06E+00
8.52E+01	-9.30E+01	1.62E+02	1.71E-02	-2.02E+00

8.52E+01	-9.30E+01	1.62E+02	-2.44E-02	-2.05E+00
8.52E+01	-9.30E+01	1.62E+02	7.32E-03	-2.05E+00
8.53E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.03E+00
8.53E+01	-9.30E+01	1.62E+02	-3.17E-02	-2.04E+00
8.53E+01	-9.30E+01	1.62E+02	2.44E-03	-2.04E+00
8.53E+01	-9.30E+01	1.62E+02	-2.44E-02	-2.03E+00
8.53E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.04E+00
8.54E+01	-9.30E+01	1.61E+02	-2.44E-03	-2.03E+00
8.54E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.02E+00
8.54E+01	-9.30E+01	1.62E+02	-2.81E-02	-2.03E+00
8.54E+01	-9.30E+01	1.62E+02	0.00E+00	-2.02E+00
8.54E+01	-9.30E+01	1.62E+02	-2.69E-02	-2.03E+00
8.55E+01	-9.30E+01	1.62E+02	-1.10E-02	-2.03E+00
8.55E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.04E+00
8.55E+01	-9.30E+01	1.62E+02	-2.56E-02	-2.03E+00
8.55E+01	-9.30E+01	1.61E+02	1.10E-02	-2.02E+00
8.55E+01	-9.30E+01	1.61E+02	-3.42E-02	-2.02E+00
8.56E+01	-9.30E+01	1.62E+02	-8.54E-03	-2.02E+00
8.56E+01	-9.30E+01	1.62E+02	-1.22E-02	-2.01E+00
8.56E+01	-9.30E+01	1.62E+02	-2.81E-02	-2.02E+00
8.56E+01	-9.30E+01	1.61E+02	-3.42E-02	-2.01E+00
8.56E+01	-9.30E+01	1.62E+02	-1.46E-02	-2.00E+00
8.57E+01	-9.30E+01	1.62E+02	-1.95E-02	-2.01E+00
8.57E+01	-9.30E+01	1.62E+02	-2.44E-02	-2.00E+00
8.57E+01	-9.30E+01	1.62E+02	-1.71E-02	-2.01E+00
8.57E+01	-9.30E+01	1.62E+02	-9.77E-03	-2.00E+00
8.57E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.99E+00
8.58E+01	-9.30E+01	1.61E+02	-3.42E-02	-2.00E+00
8.58E+01	-9.30E+01	1.61E+02	-1.46E-02	-2.01E+00
8.58E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.99E+00
8.58E+01	-9.30E+01	1.62E+02	-3.78E-02	-2.00E+00
8.58E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.98E+00
8.59E+01	-9.30E+01	1.62E+02	-2.81E-02	-1.99E+00
8.59E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.99E+00
8.59E+01	-9.30E+01	1.62E+02	2.44E-03	-1.99E+00
8.59E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.98E+00
8.59E+01	-9.30E+01	1.61E+02	-1.83E-02	-1.98E+00
8.60E+01	-9.30E+01	1.61E+02	1.22E-03	-1.98E+00
8.60E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.98E+00
8.60E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.98E+00
8.60E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.98E+00
8.60E+01	-9.30E+01	1.62E+02	-3.42E-02	-1.98E+00
8.61E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.98E+00
8.61E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.96E+00
8.61E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.97E+00
8.61E+01	-9.30E+01	1.61E+02	-4.39E-02	-1.98E+00
8.61E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.96E+00

8.62E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.97E+00
8.62E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.97E+00
8.62E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.95E+00
8.62E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.97E+00
8.62E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.97E+00
8.63E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.94E+00
8.63E+01	-9.30E+01	1.61E+02	-2.81E-02	-1.96E+00
8.63E+01	-9.30E+01	1.62E+02	0.00E+00	-1.97E+00
8.63E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.95E+00
8.63E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.96E+00
8.64E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.95E+00
8.64E+01	-9.30E+01	1.62E+02	0.00E+00	-1.95E+00
8.64E+01	-9.30E+01	1.62E+02	-5.49E-02	-1.95E+00
8.64E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.94E+00
8.64E+01	-9.30E+01	1.62E+02	-8.54E-03	-1.94E+00
8.65E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.94E+00
8.65E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.94E+00
8.65E+01	-9.30E+01	1.62E+02	7.32E-03	-1.94E+00
8.65E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.93E+00
8.65E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.94E+00
8.66E+01	-9.30E+01	1.61E+02	-6.10E-03	-1.93E+00
8.66E+01	-9.30E+01	1.62E+02	-4.39E-02	-1.91E+00
8.66E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.94E+00
8.66E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.93E+00
8.66E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.93E+00
8.67E+01	-9.30E+01	1.62E+02	-2.56E-02	-1.93E+00
8.67E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.92E+00
8.67E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.92E+00
8.67E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.92E+00
8.67E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.92E+00
8.68E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.92E+00
8.68E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.93E+00
8.68E+01	-9.30E+01	1.62E+02	0.00E+00	-1.91E+00
8.68E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.91E+00
8.68E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.91E+00
8.69E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.90E+00
8.69E+01	-9.30E+01	1.62E+02	-2.81E-02	-1.90E+00
8.69E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.91E+00
8.69E+01	-9.30E+01	1.62E+02	-6.10E-03	-1.89E+00
8.69E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.91E+00
8.70E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.91E+00
8.70E+01	-9.30E+01	1.62E+02	0.00E+00	-1.90E+00
8.70E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.90E+00
8.70E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.90E+00
8.70E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.89E+00
8.71E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.90E+00
8.71E+01	-9.30E+01	1.62E+02	2.44E-03	-1.88E+00

8.71E+01	-9.30E+01	1.62E+02	-3.66E-02	-1.89E+00
8.71E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.89E+00
8.71E+01	-9.30E+01	1.62E+02	3.66E-03	-1.88E+00
8.72E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.88E+00
8.72E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.89E+00
8.72E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.87E+00
8.72E+01	-9.30E+01	1.62E+02	-4.03E-02	-1.87E+00
8.72E+01	-9.30E+01	1.62E+02	4.88E-03	-1.87E+00
8.73E+01	-9.30E+01	1.62E+02	-2.56E-02	-1.87E+00
8.73E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.87E+00
8.73E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.86E+00
8.73E+01	-9.30E+01	1.62E+02	-2.81E-02	-1.88E+00
8.73E+01	-9.30E+01	1.62E+02	-6.10E-03	-1.87E+00
8.74E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.86E+00
8.74E+01	-9.30E+01	1.62E+02	-3.66E-02	-1.87E+00
8.74E+01	-9.30E+01	1.62E+02	2.44E-03	-1.86E+00
8.74E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.86E+00
8.74E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.87E+00
8.75E+01	-9.30E+01	1.62E+02	-6.10E-03	-1.85E+00
8.75E+01	-9.30E+01	1.62E+02	-3.05E-02	-1.86E+00
8.75E+01	-9.30E+01	1.62E+02	3.66E-03	-1.86E+00
8.75E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.85E+00
8.75E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.87E+00
8.76E+01	-9.30E+01	1.62E+02	8.54E-03	-1.84E+00
8.76E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.84E+00
8.76E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.85E+00
8.76E+01	-9.30E+01	1.62E+02	2.44E-03	-1.84E+00
8.76E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.84E+00
8.77E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.85E+00
8.77E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.84E+00
8.77E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.84E+00
8.77E+01	-9.30E+01	1.61E+02	1.46E-02	-1.83E+00
8.77E+01	-9.30E+01	1.62E+02	-2.56E-02	-1.84E+00
8.78E+01	-9.30E+01	1.62E+02	1.22E-03	-1.84E+00
8.78E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.82E+00
8.78E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.84E+00
8.78E+01	-9.30E+01	1.62E+02	0.00E+00	-1.82E+00
8.78E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.83E+00
8.79E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.83E+00
8.79E+01	-9.30E+01	1.62E+02	6.10E-03	-1.82E+00
8.79E+01	-9.30E+01	1.62E+02	-3.91E-02	-1.83E+00
8.79E+01	-9.30E+01	1.62E+02	9.77E-03	-1.82E+00
8.79E+01	-9.30E+01	1.62E+02	-1.83E-02	-1.81E+00
8.80E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.82E+00
8.80E+01	-9.30E+01	1.62E+02	-1.22E-03	-1.81E+00
8.80E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.81E+00
8.80E+01	-9.30E+01	1.61E+02	-3.78E-02	-1.82E+00

8.80E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.80E+00
8.81E+01	-9.30E+01	1.62E+02	1.34E-02	-1.81E+00
8.81E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.81E+00
8.81E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.80E+00
8.81E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.80E+00
8.81E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.81E+00
8.82E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.79E+00
8.82E+01	-9.30E+01	1.62E+02	-2.81E-02	-1.81E+00
8.82E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.78E+00
8.82E+01	-9.30E+01	1.62E+02	-4.03E-02	-1.79E+00
8.82E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.80E+00
8.83E+01	-9.30E+01	1.62E+02	-2.56E-02	-1.79E+00
8.83E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.80E+00
8.83E+01	-9.30E+01	1.62E+02	-3.66E-03	-1.79E+00
8.83E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.79E+00
8.83E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.79E+00
8.84E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.78E+00
8.84E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.79E+00
8.84E+01	-9.30E+01	1.62E+02	4.88E-03	-1.79E+00
8.84E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.78E+00
8.84E+01	-9.30E+01	1.62E+02	-3.66E-03	-1.78E+00
8.85E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.77E+00
8.85E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.78E+00
8.85E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.77E+00
8.85E+01	-9.30E+01	1.62E+02	-2.32E-02	-1.78E+00
8.85E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.76E+00
8.86E+01	-9.30E+01	1.62E+02	-5.62E-02	-1.76E+00
8.86E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.77E+00
8.86E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.76E+00
8.86E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.76E+00
8.86E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.77E+00
8.87E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.75E+00
8.87E+01	-9.30E+01	1.61E+02	-2.08E-02	-1.76E+00
8.87E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.75E+00
8.87E+01	-9.30E+01	1.62E+02	-1.22E-03	-1.75E+00
8.87E+01	-9.30E+01	1.62E+02	6.10E-03	-1.75E+00
8.88E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.74E+00
8.88E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.75E+00
8.88E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.73E+00
8.88E+01	-9.30E+01	1.62E+02	-1.83E-02	-1.74E+00
8.88E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.74E+00
8.89E+01	-9.30E+01	1.62E+02	-1.10E-02	-1.74E+00
8.89E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.75E+00
8.89E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.73E+00
8.89E+01	-9.30E+01	1.62E+02	-1.10E-02	-1.74E+00
8.89E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.74E+00
8.90E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.72E+00

8.90E+01	-9.30E+01	1.62E+02	-2.08E-02	-1.73E+00
8.90E+01	-9.30E+01	1.62E+02	-1.22E-03	-1.72E+00
8.90E+01	-9.30E+01	1.62E+02	-1.59E-02	-1.72E+00
8.90E+01	-9.30E+01	1.61E+02	-2.32E-02	-1.73E+00
8.91E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.70E+00
8.91E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.72E+00
8.91E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.71E+00
8.91E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.71E+00
8.91E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.73E+00
8.92E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.71E+00
8.92E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.72E+00
8.92E+01	-9.30E+01	1.62E+02	0.00E+00	-1.71E+00
8.92E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.71E+00
8.92E+01	-9.30E+01	1.62E+02	-2.56E-02	-1.71E+00
8.93E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.72E+00
8.93E+01	-9.30E+01	1.62E+02	0.00E+00	-1.71E+00
8.93E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.71E+00
8.93E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.70E+00
8.93E+01	-9.30E+01	1.62E+02	-4.52E-02	-1.70E+00
8.94E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.70E+00
8.94E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.69E+00
8.94E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.70E+00
8.94E+01	-9.30E+01	1.62E+02	1.22E-02	-1.68E+00
8.94E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.70E+00
8.95E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.69E+00
8.95E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.68E+00
8.95E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.69E+00
8.95E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.67E+00
8.95E+01	-9.30E+01	1.62E+02	-2.81E-02	-1.69E+00
8.96E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.68E+00
8.96E+01	-9.30E+01	1.62E+02	-5.13E-02	-1.68E+00
8.96E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.67E+00
8.96E+01	-9.30E+01	1.62E+02	1.95E-02	-1.68E+00
8.96E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.68E+00
8.97E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.67E+00
8.97E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.66E+00
8.97E+01	-9.30E+01	1.62E+02	-3.30E-02	-1.67E+00
8.97E+01	-9.30E+01	1.62E+02	9.77E-03	-1.67E+00
8.97E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.66E+00
8.98E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.67E+00
8.98E+01	-9.30E+01	1.62E+02	1.22E-02	-1.66E+00
8.98E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.66E+00
8.98E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.66E+00
8.98E+01	-9.30E+01	1.62E+02	-1.59E-02	-1.65E+00
8.99E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.66E+00
8.99E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.66E+00
8.99E+01	-9.30E+01	1.62E+02	-2.08E-02	-1.65E+00

8.99E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.66E+00
8.99E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.65E+00
9.00E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.65E+00
9.00E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.65E+00
9.00E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.64E+00
9.00E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.65E+00
9.00E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.64E+00
9.01E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.64E+00
9.01E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.64E+00
9.01E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.63E+00
9.01E+01	-9.30E+01	1.62E+02	2.44E-03	-1.63E+00
9.01E+01	-9.30E+01	1.62E+02	8.54E-03	-1.62E+00
9.02E+01	-9.30E+01	1.62E+02	-2.32E-02	-1.64E+00
9.02E+01	-9.30E+01	1.62E+02	4.88E-03	-1.64E+00
9.02E+01	-9.30E+01	1.62E+02	-2.81E-02	-1.63E+00
9.02E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.63E+00
9.02E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.62E+00
9.03E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.63E+00
9.03E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.62E+00
9.03E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.63E+00
9.03E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.63E+00
9.03E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.61E+00
9.04E+01	-9.30E+01	1.62E+02	-2.81E-02	-1.61E+00
9.04E+01	-9.30E+01	1.62E+02	0.00E+00	-1.62E+00
9.04E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.60E+00
9.04E+01	-9.30E+01	1.62E+02	-2.56E-02	-1.62E+00
9.04E+01	-9.30E+01	1.62E+02	0.00E+00	-1.60E+00
9.05E+01	-9.30E+01	1.62E+02	-3.66E-02	-1.61E+00
9.05E+01	-9.30E+01	1.62E+02	2.44E-02	-1.61E+00
9.05E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.59E+00
9.05E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.61E+00
9.05E+01	-9.30E+01	1.62E+02	2.44E-03	-1.59E+00
9.06E+01	-9.30E+01	1.62E+02	-3.42E-02	-1.60E+00
9.06E+01	-9.30E+01	1.62E+02	2.44E-03	-1.59E+00
9.06E+01	-9.30E+01	1.62E+02	-3.66E-02	-1.59E+00
9.06E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.60E+00
9.06E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.59E+00
9.07E+01	-9.30E+01	1.62E+02	-5.25E-02	-1.59E+00
9.07E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.58E+00
9.07E+01	-9.30E+01	1.62E+02	-2.32E-02	-1.57E+00
9.07E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.58E+00
9.07E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.57E+00
9.08E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.59E+00
9.08E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.58E+00
9.08E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.58E+00
9.08E+01	-9.30E+01	1.62E+02	-6.10E-03	-1.58E+00
9.08E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.58E+00

9.09E+01	-9.30E+01	1.62E+02	-5.00E-02	-1.58E+00
9.09E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.55E+00
9.09E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.56E+00
9.09E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.58E+00
9.09E+01	-9.30E+01	1.62E+02	2.44E-03	-1.57E+00
9.10E+01	-9.30E+01	1.62E+02	-3.30E-02	-1.57E+00
9.10E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.57E+00
9.10E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.55E+00
9.10E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.57E+00
9.10E+01	-9.30E+01	1.62E+02	1.46E-02	-1.54E+00
9.11E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.54E+00
9.11E+01	-9.30E+01	1.62E+02	-3.54E-02	-1.56E+00
9.11E+01	-9.30E+01	1.62E+02	1.46E-02	-1.56E+00
9.11E+01	-9.30E+01	1.62E+02	-6.10E-03	-1.54E+00
9.11E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.56E+00
9.12E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.55E+00
9.12E+01	-9.30E+01	1.62E+02	-1.34E-02	-1.54E+00
9.12E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.55E+00
9.12E+01	-9.30E+01	1.61E+02	2.44E-03	-1.53E+00
9.12E+01	-9.30E+01	1.61E+02	-4.88E-02	-1.53E+00
9.13E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.55E+00
9.13E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.53E+00
9.13E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.53E+00
9.13E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.54E+00
9.13E+01	-9.30E+01	1.62E+02	2.44E-03	-1.53E+00
9.14E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.53E+00
9.14E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.54E+00
9.14E+01	-9.30E+01	1.62E+02	-1.22E-03	-1.52E+00
9.14E+01	-9.30E+01	1.62E+02	-4.76E-02	-1.53E+00
9.14E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.52E+00
9.15E+01	-9.30E+01	1.62E+02	-8.54E-03	-1.51E+00
9.15E+01	-9.30E+01	1.62E+02	-3.91E-02	-1.53E+00
9.15E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.51E+00
9.15E+01	-9.30E+01	1.62E+02	-1.59E-02	-1.52E+00
9.15E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.52E+00
9.16E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.51E+00
9.16E+01	-9.30E+01	1.62E+02	-3.42E-02	-1.51E+00
9.16E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.52E+00
9.16E+01	-9.30E+01	1.62E+02	1.46E-02	-1.50E+00
9.16E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.49E+00
9.17E+01	-9.30E+01	1.62E+02	-3.66E-02	-1.51E+00
9.17E+01	-9.30E+01	1.62E+02	1.95E-02	-1.50E+00
9.17E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.51E+00
9.17E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.51E+00
9.17E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.49E+00
9.18E+01	-9.30E+01	1.62E+02	-1.59E-02	-1.49E+00
9.18E+01	-9.30E+01	1.62E+02	-2.32E-02	-1.50E+00

9.18E+01	-9.30E+01	1.62E+02	2.20E-02	-1.49E+00
9.18E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.50E+00
9.18E+01	-9.30E+01	1.62E+02	2.08E-02	-1.50E+00
9.19E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.48E+00
9.19E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.50E+00
9.19E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.49E+00
9.19E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.48E+00
9.19E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.49E+00
9.20E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.48E+00
9.20E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.48E+00
9.20E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.48E+00
9.20E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.47E+00
9.20E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.49E+00
9.21E+01	-9.30E+01	1.62E+02	-4.64E-02	-1.47E+00
9.21E+01	-9.30E+01	1.62E+02	-6.10E-03	-1.46E+00
9.21E+01	-9.30E+01	1.62E+02	-2.81E-02	-1.47E+00
9.21E+01	-9.30E+01	1.62E+02	-2.44E-02	-1.48E+00
9.21E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.46E+00
9.22E+01	-9.30E+01	1.62E+02	-2.81E-02	-1.46E+00
9.22E+01	-9.30E+01	1.62E+02	-2.56E-02	-1.47E+00
9.22E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.46E+00
9.22E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.45E+00
9.22E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.46E+00
9.23E+01	-9.30E+01	1.61E+02	1.46E-02	-1.45E+00
9.23E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.45E+00
9.23E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.46E+00
9.23E+01	-9.30E+01	1.62E+02	-3.66E-03	-1.44E+00
9.23E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.45E+00
9.24E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.45E+00
9.24E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.44E+00
9.24E+01	-9.30E+01	1.62E+02	-4.15E-02	-1.44E+00
9.24E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.44E+00
9.24E+01	-9.30E+01	1.62E+02	8.54E-03	-1.44E+00
9.25E+01	-9.30E+01	1.62E+02	-3.42E-02	-1.45E+00
9.25E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.43E+00
9.25E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.43E+00
9.25E+01	-9.30E+01	1.62E+02	-2.08E-02	-1.44E+00
9.25E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.43E+00
9.26E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.43E+00
9.26E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.44E+00
9.26E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.42E+00
9.26E+01	-9.30E+01	1.62E+02	-4.15E-02	-1.42E+00
9.26E+01	-9.30E+01	1.62E+02	7.32E-03	-1.43E+00
9.27E+01	-9.30E+01	1.62E+02	-2.44E-03	-1.42E+00
9.27E+01	-9.30E+01	1.62E+02	-3.54E-02	-1.43E+00
9.27E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.42E+00
9.27E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.41E+00

9.27E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.42E+00
9.28E+01	-9.30E+01	1.62E+02	-6.10E-03	-1.41E+00
9.28E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.41E+00
9.28E+01	-9.30E+01	1.62E+02	0.00E+00	-1.40E+00
9.28E+01	-9.30E+01	1.62E+02	-3.05E-02	-1.40E+00
9.28E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.41E+00
9.29E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.40E+00
9.29E+01	-9.30E+01	1.62E+02	-5.00E-02	-1.40E+00
9.29E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.40E+00
9.29E+01	-9.30E+01	1.62E+02	-1.95E-02	-1.39E+00
9.29E+01	-9.30E+01	1.62E+02	-3.05E-02	-1.41E+00
9.30E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.39E+00
9.30E+01	-9.30E+01	1.62E+02	-1.83E-02	-1.39E+00
9.30E+01	-9.30E+01	1.62E+02	-1.10E-02	-1.39E+00
9.30E+01	-9.30E+01	1.62E+02	8.54E-03	-1.38E+00
9.30E+01	-9.30E+01	1.62E+02	-5.37E-02	-1.38E+00
9.31E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.39E+00
9.31E+01	-9.30E+01	1.62E+02	-1.10E-02	-1.37E+00
9.31E+01	-9.30E+01	1.62E+02	-3.17E-02	-1.39E+00
9.31E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.40E+00
9.31E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.38E+00
9.32E+01	-9.30E+01	1.62E+02	-3.66E-02	-1.38E+00
9.32E+01	-9.30E+01	1.62E+02	-1.10E-02	-1.38E+00
9.32E+01	-9.30E+01	1.62E+02	-1.46E-02	-1.37E+00
9.32E+01	-9.30E+01	1.61E+02	1.22E-03	-1.38E+00
9.32E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.38E+00
9.33E+01	-9.30E+01	1.62E+02	-4.52E-02	-1.36E+00
9.33E+01	-9.30E+01	1.62E+02	-1.71E-02	-1.38E+00
9.33E+01	-9.30E+01	1.62E+02	-4.88E-03	-1.36E+00
9.33E+01	-9.30E+01	1.62E+02	-3.91E-02	-1.37E+00
9.33E+01	-9.30E+01	1.62E+02	-8.54E-03	-1.36E+00
9.34E+01	-9.30E+01	1.62E+02	-8.54E-03	-1.35E+00
9.34E+01	-9.30E+01	1.62E+02	-2.93E-02	-1.37E+00
9.34E+01	-9.30E+01	1.61E+02	2.44E-03	-1.36E+00
9.34E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.35E+00
9.34E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.37E+00
9.35E+01	-9.30E+01	1.61E+02	1.22E-02	-1.34E+00
9.35E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.35E+00
9.35E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.35E+00
9.35E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.34E+00
9.35E+01	-9.30E+01	1.62E+02	-3.42E-02	-1.35E+00
9.36E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.35E+00
9.36E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.34E+00
9.36E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.35E+00
9.36E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.33E+00
9.36E+01	-9.30E+01	1.62E+02	1.83E-02	-1.33E+00
9.37E+01	-9.30E+01	1.61E+02	-1.34E-02	-1.35E+00

9.37E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.34E+00
9.37E+01	-9.30E+01	1.62E+02	2.44E-03	-1.32E+00
9.37E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.35E+00
9.37E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.33E+00
9.38E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.32E+00
9.38E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.33E+00
9.38E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.32E+00
9.38E+01	-9.30E+01	1.62E+02	-1.22E-02	-1.35E+00
9.38E+01	-9.30E+01	1.61E+02	-3.54E-02	-1.33E+00
9.39E+01	-9.30E+01	1.61E+02	4.88E-03	-1.32E+00
9.39E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.32E+00
9.39E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.33E+00
9.39E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.31E+00
9.39E+01	-9.30E+01	1.62E+02	-2.69E-02	-1.31E+00
9.40E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.32E+00
9.40E+01	-9.30E+01	1.61E+02	0.00E+00	-1.31E+00
9.40E+01	-9.30E+01	1.61E+02	-3.05E-02	-1.32E+00
9.40E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.31E+00
9.40E+01	-9.30E+01	1.62E+02	-9.77E-03	-1.30E+00
9.41E+01	-9.30E+01	1.61E+02	-2.56E-02	-1.32E+00
9.41E+01	-9.30E+01	1.61E+02	-1.34E-02	-1.31E+00
9.41E+01	-9.30E+01	1.62E+02	-7.32E-03	-1.30E+00
9.41E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.30E+00
9.41E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.30E+00
9.42E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.29E+00
9.42E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.30E+00
9.42E+01	-9.30E+01	1.61E+02	-3.66E-03	-1.28E+00
9.42E+01	-9.30E+01	1.62E+02	8.54E-03	-1.29E+00
9.42E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.28E+00
9.43E+01	-9.30E+01	1.61E+02	2.44E-03	-1.30E+00
9.43E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.28E+00
9.43E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.30E+00
9.43E+01	-9.30E+01	1.61E+02	-3.66E-03	-1.28E+00
9.43E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.28E+00
9.44E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.29E+00
9.44E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.27E+00
9.44E+01	-9.30E+01	1.61E+02	-2.32E-02	-1.27E+00
9.44E+01	-9.30E+01	1.61E+02	4.88E-03	-1.29E+00
9.44E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.27E+00
9.45E+01	-9.30E+01	1.61E+02	-4.15E-02	-1.28E+00
9.45E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.27E+00
9.45E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.27E+00
9.45E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.27E+00
9.45E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.26E+00
9.46E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.26E+00
9.46E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.26E+00
9.46E+01	-9.30E+01	1.61E+02	3.66E-03	-1.25E+00

9.46E+01	-9.30E+01	1.61E+02	-7.08E-02	-1.27E+00
9.46E+01	-9.30E+01	1.61E+02	0.00E+00	-1.26E+00
9.47E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.25E+00
9.47E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.27E+00
9.47E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.26E+00
9.47E+01	-9.30E+01	1.61E+02	-2.08E-02	-1.24E+00
9.47E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.25E+00
9.48E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.25E+00
9.48E+01	-9.30E+01	1.62E+02	1.22E-02	-1.24E+00
9.48E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.25E+00
9.48E+01	-9.30E+01	1.61E+02	1.22E-02	-1.24E+00
9.48E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.23E+00
9.49E+01	-9.30E+01	1.61E+02	-3.91E-02	-1.24E+00
9.49E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.24E+00
9.49E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.22E+00
9.49E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.24E+00
9.49E+01	-9.30E+01	1.61E+02	-3.66E-03	-1.22E+00
9.50E+01	-9.30E+01	1.61E+02	-3.54E-02	-1.21E+00
9.50E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.24E+00
9.50E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.23E+00
9.50E+01	-9.30E+01	1.61E+02	-3.05E-02	-1.22E+00
9.50E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.24E+00
9.51E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.22E+00
9.51E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.22E+00
9.51E+01	-9.30E+01	1.61E+02	-6.10E-03	-1.22E+00
9.51E+01	-9.30E+01	1.62E+02	-2.20E-02	-1.21E+00
9.51E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.22E+00
9.52E+01	-9.30E+01	1.61E+02	-1.10E-02	-1.21E+00
9.52E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.18E+00
9.52E+01	-9.30E+01	1.61E+02	-5.74E-02	-1.21E+00
9.52E+01	-9.30E+01	1.61E+02	2.44E-03	-1.21E+00
9.52E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.20E+00
9.53E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.21E+00
9.53E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.19E+00
9.53E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.20E+00
9.53E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.20E+00
9.53E+01	-9.30E+01	1.61E+02	1.71E-02	-1.19E+00
9.54E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.19E+00
9.54E+01	-9.30E+01	1.61E+02	-8.54E-03	-1.20E+00
9.54E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.17E+00
9.54E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.19E+00
9.54E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.19E+00
9.55E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.18E+00
9.55E+01	-9.30E+01	1.61E+02	-2.81E-02	-1.19E+00
9.55E+01	-9.30E+01	1.61E+02	-3.66E-03	-1.18E+00
9.55E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.16E+00
9.55E+01	-9.30E+01	1.61E+02	-4.39E-02	-1.19E+00

9.56E+01	-9.30E+01	1.61E+02	-3.66E-03	-1.18E+00
9.56E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.18E+00
9.56E+01	-9.30E+01	1.61E+02	-3.66E-03	-1.18E+00
9.56E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.16E+00
9.56E+01	-9.30E+01	1.61E+02	-2.08E-02	-1.18E+00
9.57E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.17E+00
9.57E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.16E+00
9.57E+01	-9.30E+01	1.61E+02	-3.66E-02	-1.17E+00
9.57E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.17E+00
9.57E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.14E+00
9.58E+01	-9.30E+01	1.61E+02	-5.37E-02	-1.17E+00
9.58E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.15E+00
9.58E+01	-9.30E+01	1.61E+02	-4.03E-02	-1.16E+00
9.58E+01	-9.30E+01	1.61E+02	-2.81E-02	-1.16E+00
9.58E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.15E+00
9.59E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.15E+00
9.59E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.16E+00
9.59E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.14E+00
9.59E+01	-9.30E+01	1.61E+02	-3.05E-02	-1.15E+00
9.59E+01	-9.30E+01	1.61E+02	-3.54E-02	-1.15E+00
9.60E+01	-9.30E+01	1.61E+02	-5.37E-02	-1.13E+00
9.60E+01	-9.30E+01	1.61E+02	1.46E-02	-1.14E+00
9.60E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.13E+00
9.60E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.14E+00
9.60E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.14E+00
9.61E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.13E+00
9.61E+01	-9.30E+01	1.61E+02	-3.66E-02	-1.14E+00
9.61E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.14E+00
9.61E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.12E+00
9.61E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.14E+00
9.62E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.12E+00
9.62E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.13E+00
9.62E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.13E+00
9.62E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.12E+00
9.62E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.11E+00
9.63E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.12E+00
9.63E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.11E+00
9.63E+01	-9.30E+01	1.61E+02	-3.91E-02	-1.12E+00
9.63E+01	-9.30E+01	1.61E+02	0.00E+00	-1.11E+00
9.63E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.12E+00
9.64E+01	-9.30E+01	1.61E+02	1.59E-02	-1.12E+00
9.64E+01	-9.30E+01	1.61E+02	2.44E-03	-1.08E+00
9.64E+01	-9.30E+01	1.61E+02	-4.15E-02	-1.11E+00
9.64E+01	-9.30E+01	1.61E+02	6.10E-03	-1.11E+00
9.64E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.10E+00
9.65E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.11E+00
9.65E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.10E+00

9.65E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.10E+00
9.65E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.11E+00
9.65E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.09E+00
9.66E+01	-9.30E+01	1.61E+02	-3.91E-02	-1.09E+00
9.66E+01	-9.30E+01	1.61E+02	2.44E-03	-1.09E+00
9.66E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.08E+00
9.66E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.11E+00
9.66E+01	-9.30E+01	1.61E+02	0.00E+00	-1.08E+00
9.67E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.08E+00
9.67E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.09E+00
9.67E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.08E+00
9.67E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.08E+00
9.67E+01	-9.30E+01	1.61E+02	-3.91E-02	-1.09E+00
9.68E+01	-9.30E+01	1.61E+02	1.10E-02	-1.09E+00
9.68E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.08E+00
9.68E+01	-9.30E+01	1.61E+02	1.22E-02	-1.07E+00
9.68E+01	-9.30E+01	1.61E+02	-4.15E-02	-1.07E+00
9.68E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.08E+00
9.69E+01	-9.30E+01	1.61E+02	-1.59E-02	-1.06E+00
9.69E+01	-9.30E+01	1.61E+02	-2.81E-02	-1.08E+00
9.69E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.07E+00
9.69E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.06E+00
9.69E+01	-9.30E+01	1.61E+02	-2.56E-02	-1.07E+00
9.70E+01	-9.30E+01	1.61E+02	2.20E-02	-1.06E+00
9.70E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.06E+00
9.70E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.06E+00
9.70E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.05E+00
9.70E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.05E+00
9.71E+01	-9.30E+01	1.61E+02	-4.88E-03	-1.06E+00
9.71E+01	-9.30E+01	1.61E+02	-9.77E-03	-1.04E+00
9.71E+01	-9.30E+01	1.61E+02	-2.56E-02	-1.05E+00
9.71E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.06E+00
9.71E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.04E+00
9.72E+01	-9.30E+01	1.61E+02	-3.17E-02	-1.04E+00
9.72E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.04E+00
9.72E+01	-9.30E+01	1.61E+02	3.66E-03	-1.04E+00
9.72E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.05E+00
9.72E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.04E+00
9.73E+01	-9.30E+01	1.61E+02	-7.32E-03	-1.03E+00
9.73E+01	-9.30E+01	1.61E+02	-4.03E-02	-1.04E+00
9.73E+01	-9.30E+01	1.61E+02	9.77E-03	-1.03E+00
9.73E+01	-9.30E+01	1.61E+02	-2.69E-02	-1.02E+00
9.73E+01	-9.30E+01	1.61E+02	-1.95E-02	-1.04E+00
9.74E+01	-9.30E+01	1.61E+02	-1.22E-02	-1.02E+00
9.74E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.05E+00
9.74E+01	-9.30E+01	1.60E+02	-2.44E-02	-1.02E+00
9.74E+01	-9.30E+01	1.61E+02	-1.71E-02	-1.01E+00

9.74E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.03E+00
9.75E+01	-9.30E+01	1.60E+02	-2.69E-02	-1.02E+00
9.75E+01	-9.30E+01	1.61E+02	-1.46E-02	-1.02E+00
9.75E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.02E+00
9.75E+01	-9.30E+01	1.61E+02	0.00E+00	-1.01E+00
9.75E+01	-9.30E+01	1.61E+02	-3.42E-02	-1.01E+00
9.76E+01	-9.30E+01	1.61E+02	-1.22E-03	-1.01E+00
9.76E+01	-9.30E+01	1.61E+02	7.32E-03	-9.99E-01
9.76E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.00E+00
9.76E+01	-9.30E+01	1.61E+02	-1.34E-02	-9.87E-01
9.76E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.00E+00
9.77E+01	-9.30E+01	1.61E+02	-2.44E-03	-1.00E+00
9.77E+01	-9.30E+01	1.61E+02	-2.44E-02	-9.92E-01
9.77E+01	-9.30E+01	1.61E+02	-2.44E-02	-1.01E+00
9.77E+01	-9.30E+01	1.61E+02	-9.77E-03	-9.93E-01
9.77E+01	-9.30E+01	1.61E+02	-2.93E-02	-1.00E+00
9.78E+01	-9.30E+01	1.60E+02	-9.77E-03	-9.95E-01
9.78E+01	-9.30E+01	1.61E+02	-1.22E-02	-9.83E-01
9.78E+01	-9.30E+01	1.61E+02	-3.54E-02	-9.81E-01
9.78E+01	-9.30E+01	1.61E+02	-2.20E-02	-9.84E-01
9.78E+01	-9.30E+01	1.61E+02	-1.71E-02	-9.74E-01
9.79E+01	-9.30E+01	1.61E+02	-2.20E-02	-1.00E+00
9.79E+01	-9.30E+01	1.61E+02	2.44E-03	-9.78E-01
9.79E+01	-9.30E+01	1.61E+02	-2.69E-02	-9.74E-01
9.79E+01	-9.30E+01	1.60E+02	-2.44E-02	-9.84E-01
9.79E+01	-9.30E+01	1.61E+02	-2.44E-03	-9.75E-01
9.80E+01	-9.30E+01	1.61E+02	-2.69E-02	-9.77E-01
9.80E+01	-9.30E+01	1.60E+02	-1.46E-02	-9.81E-01
9.80E+01	-9.30E+01	1.61E+02	2.44E-03	-9.67E-01
9.80E+01	-9.30E+01	1.61E+02	-9.77E-03	-9.81E-01
9.80E+01	-9.30E+01	1.60E+02	7.32E-03	-9.81E-01
9.81E+01	-9.30E+01	1.61E+02	2.44E-03	-9.60E-01
9.81E+01	-9.30E+01	1.61E+02	-3.17E-02	-9.79E-01
9.81E+01	-9.30E+01	1.61E+02	-1.10E-02	-9.71E-01
9.81E+01	-9.30E+01	1.61E+02	0.00E+00	-9.56E-01
9.81E+01	-9.30E+01	1.60E+02	-3.42E-02	-9.69E-01
9.82E+01	-9.30E+01	1.60E+02	-6.10E-03	-9.60E-01
9.82E+01	-9.30E+01	1.61E+02	-2.56E-02	-9.53E-01
9.82E+01	-9.30E+01	1.61E+02	-1.95E-02	-9.66E-01
9.82E+01	-9.30E+01	1.60E+02	-7.32E-03	-9.50E-01
9.82E+01	-9.30E+01	1.60E+02	6.10E-03	-9.51E-01
9.83E+01	-9.30E+01	1.60E+02	-2.08E-02	-9.52E-01
9.83E+01	-9.30E+01	1.61E+02	3.42E-02	-9.39E-01
9.83E+01	-9.30E+01	1.61E+02	-3.17E-02	-9.45E-01
9.83E+01	-9.30E+01	1.60E+02	-2.20E-02	-9.51E-01
9.83E+01	-9.30E+01	1.61E+02	-2.93E-02	-9.35E-01
9.84E+01	-9.30E+01	1.61E+02	-3.66E-02	-9.45E-01

9.84E+01	-9.30E+01	1.61E+02	1.22E-03	-9.40E-01
9.84E+01	-9.30E+01	1.60E+02	-2.69E-02	-9.35E-01
9.84E+01	-9.30E+01	1.60E+02	-1.71E-02	-9.45E-01
9.84E+01	-9.30E+01	1.60E+02	-6.10E-03	-9.32E-01
9.85E+01	-9.30E+01	1.61E+02	-2.44E-02	-9.39E-01
9.85E+01	-9.30E+01	1.60E+02	-9.77E-03	-9.45E-01
9.85E+01	-9.30E+01	1.61E+02	-1.59E-02	-9.31E-01
9.85E+01	-9.30E+01	1.60E+02	0.00E+00	-9.35E-01
9.85E+01	-9.30E+01	1.60E+02	-7.32E-03	-9.27E-01
9.86E+01	-9.30E+01	1.60E+02	-2.93E-02	-9.31E-01
9.86E+01	-9.30E+01	1.60E+02	-2.44E-03	-9.25E-01
9.86E+01	-9.30E+01	1.61E+02	-1.71E-02	-9.26E-01
9.86E+01	-9.30E+01	1.60E+02	-1.71E-02	-9.25E-01
9.86E+01	-9.30E+01	1.61E+02	-6.10E-03	-9.15E-01
9.87E+01	-9.30E+01	1.61E+02	-3.17E-02	-9.18E-01
9.87E+01	-9.30E+01	1.60E+02	-9.77E-03	-9.21E-01
9.87E+01	-9.30E+01	1.60E+02	-1.71E-02	-9.15E-01
9.87E+01	-9.30E+01	1.60E+02	-4.64E-02	-9.16E-01
9.87E+01	-9.30E+01	1.61E+02	-1.46E-02	-9.18E-01
9.88E+01	-9.30E+01	1.61E+02	-4.27E-02	-9.09E-01
9.88E+01	-9.30E+01	1.60E+02	1.46E-02	-9.11E-01
9.88E+01	-9.30E+01	1.60E+02	-2.93E-02	-9.04E-01
9.88E+01	-9.30E+01	1.60E+02	-3.05E-02	-9.13E-01
9.88E+01	-9.30E+01	1.61E+02	-1.71E-02	-8.93E-01
9.89E+01	-9.30E+01	1.61E+02	-2.44E-02	-9.03E-01
9.89E+01	-9.30E+01	1.60E+02	-1.22E-02	-9.02E-01
9.89E+01	-9.30E+01	1.60E+02	-1.71E-02	-8.95E-01
9.89E+01	-9.30E+01	1.60E+02	-1.71E-02	-9.02E-01
9.89E+01	-9.30E+01	1.60E+02	2.08E-02	-8.88E-01
9.90E+01	-9.30E+01	1.60E+02	-9.77E-03	-9.16E-01
9.90E+01	-9.30E+01	1.60E+02	7.32E-03	-8.99E-01
9.90E+01	-9.30E+01	1.61E+02	-2.81E-02	-8.88E-01
9.90E+01	-9.30E+01	1.60E+02	-1.22E-02	-8.97E-01
9.90E+01	-9.30E+01	1.60E+02	2.44E-03	-8.82E-01
9.91E+01	-9.30E+01	1.61E+02	-2.08E-02	-8.85E-01
9.91E+01	-9.30E+01	1.60E+02	-1.95E-02	-8.88E-01
9.91E+01	-9.30E+01	1.61E+02	-1.46E-02	-8.78E-01
9.91E+01	-9.30E+01	1.60E+02	-2.44E-02	-8.86E-01
9.91E+01	-9.30E+01	1.60E+02	0.00E+00	-8.77E-01
9.92E+01	-9.30E+01	1.60E+02	-3.42E-02	-8.75E-01
9.92E+01	-9.30E+01	1.60E+02	-4.88E-02	-8.69E-01
9.92E+01	-9.30E+01	1.60E+02	-2.69E-02	-8.57E-01
9.92E+01	-9.30E+01	1.60E+02	-3.66E-02	-8.70E-01
9.92E+01	-9.30E+01	1.61E+02	-1.10E-02	-8.64E-01
9.93E+01	-9.30E+01	1.60E+02	-3.05E-02	-8.73E-01
9.93E+01	-9.30E+01	1.60E+02	-3.66E-03	-8.73E-01
9.93E+01	-9.30E+01	1.60E+02	-2.08E-02	-8.63E-01

9.93E+01	-9.30E+01	1.60E+02	-2.20E-02	-8.71E-01
9.93E+01	-9.30E+01	1.60E+02	-1.22E-02	-8.54E-01
9.94E+01	-9.30E+01	1.60E+02	-2.44E-02	-8.68E-01
9.94E+01	-9.30E+01	1.60E+02	-2.44E-03	-8.58E-01
9.94E+01	-9.30E+01	1.60E+02	-3.42E-02	-8.52E-01
9.94E+01	-9.30E+01	1.60E+02	-2.20E-02	-8.48E-01
9.94E+01	-9.30E+01	1.60E+02	4.88E-03	-8.48E-01
9.95E+01	-9.30E+01	1.61E+02	-2.44E-03	-8.60E-01
9.95E+01	-9.30E+01	1.60E+02	0.00E+00	-8.62E-01
9.95E+01	-9.30E+01	1.60E+02	4.88E-03	-8.47E-01
9.95E+01	-9.30E+01	1.60E+02	-4.64E-02	-8.34E-01
9.95E+01	-9.30E+01	1.60E+02	-8.54E-03	-8.52E-01
9.96E+01	-9.30E+01	1.60E+02	-9.77E-03	-8.35E-01
9.96E+01	-9.30E+01	1.60E+02	-2.69E-02	-8.50E-01
9.96E+01	-9.30E+01	1.60E+02	-9.77E-03	-8.39E-01
9.96E+01	-9.30E+01	1.60E+02	-1.46E-02	-8.37E-01
9.96E+01	-9.30E+01	1.60E+02	-1.46E-02	-8.39E-01
9.97E+01	-9.30E+01	1.60E+02	-1.34E-02	-8.30E-01
9.97E+01	-9.30E+01	1.60E+02	-4.88E-02	-8.25E-01
9.97E+01	-9.30E+01	1.60E+02	-8.54E-03	-8.32E-01
9.97E+01	-9.30E+01	1.60E+02	-5.13E-02	-8.33E-01
9.97E+01	-9.30E+01	1.60E+02	-1.34E-02	-8.35E-01
9.98E+01	-9.30E+01	1.60E+02	-1.34E-02	-8.18E-01
9.98E+01	-9.30E+01	1.60E+02	-7.32E-03	-8.28E-01
9.98E+01	-9.30E+01	1.60E+02	-4.88E-03	-8.18E-01
9.98E+01	-9.30E+01	1.60E+02	-2.81E-02	-8.25E-01
9.98E+01	-9.30E+01	1.60E+02	-9.77E-03	-8.17E-01
9.99E+01	-9.30E+01	1.60E+02	-2.08E-02	-8.16E-01
9.99E+01	-9.30E+01	1.60E+02	-2.08E-02	-8.20E-01
9.99E+01	-9.30E+01	1.60E+02	-4.88E-03	-8.13E-01
9.99E+01	-9.30E+01	1.60E+02	-3.42E-02	-8.13E-01
9.99E+01	-9.30E+01	1.60E+02	1.95E-02	-8.18E-01
1.00E+02	-9.30E+01	1.60E+02	-9.77E-03	-8.15E-01
1.00E+02	-9.30E+01	1.60E+02	-7.32E-03	-8.04E-01
1.00E+02	-9.30E+01	1.60E+02	-2.44E-02	-7.97E-01
1.00E+02	-9.30E+01	1.60E+02	-4.03E-02	-8.15E-01
1.00E+02	-9.30E+01	1.60E+02	-9.77E-03	-8.03E-01
1.00E+02	-9.30E+01	1.60E+02	-1.10E-02	-8.04E-01
1.00E+02	-9.30E+01	1.60E+02	-7.32E-03	-8.01E-01
1.00E+02	-9.30E+01	1.60E+02	-7.32E-03	-7.93E-01
1.00E+02	-9.30E+01	1.60E+02	-3.17E-02	-8.01E-01
1.00E+02	-9.30E+01	1.60E+02	-2.44E-03	-7.93E-01
1.00E+02	-9.30E+01	1.60E+02	-3.42E-02	-7.94E-01
1.00E+02	-9.30E+01	1.60E+02	-1.71E-02	-7.97E-01
1.00E+02	-9.30E+01	1.60E+02	-1.71E-02	-7.82E-01
1.00E+02	-9.30E+01	1.60E+02	1.59E-02	-7.97E-01
1.00E+02	-9.30E+01	1.60E+02	7.32E-03	-7.67E-01

1.00E+02	-9.30E+01	1.60E+02	-3.05E-02	-7.85E-01
1.00E+02	-9.30E+01	1.60E+02	-6.10E-03	-7.85E-01
1.00E+02	-9.30E+01	1.60E+02	-1.46E-02	-7.76E-01
1.00E+02	-9.30E+01	1.60E+02	-1.46E-02	-7.90E-01
1.00E+02	-9.30E+01	1.60E+02	-1.22E-02	-7.69E-01
1.00E+02	-9.30E+01	1.60E+02	-2.44E-02	-7.82E-01
1.00E+02	-9.30E+01	1.60E+02	-1.22E-02	-7.77E-01
1.00E+02	-9.30E+01	1.60E+02	-2.56E-02	-7.68E-01
1.00E+02	-9.30E+01	1.60E+02	-2.56E-02	-7.78E-01
1.00E+02	-9.30E+01	1.60E+02	-6.10E-03	-7.67E-01
1.00E+02	-9.30E+01	1.60E+02	-4.88E-02	-7.51E-01
1.00E+02	-9.30E+01	1.59E+02	1.22E-02	-7.59E-01
1.01E+02	-9.30E+01	1.60E+02	-2.93E-02	-7.68E-01
1.01E+02	-9.30E+01	1.60E+02	-1.71E-02	-7.60E-01
1.01E+02	-9.30E+01	1.60E+02	-1.71E-02	-7.62E-01
1.01E+02	-9.30E+01	1.60E+02	-1.59E-02	-7.67E-01
1.01E+02	-9.30E+01	1.60E+02	0.00E+00	-7.48E-01
1.01E+02	-9.30E+01	1.60E+02	-2.81E-02	-7.62E-01
1.01E+02	-9.30E+01	1.60E+02	-1.22E-02	-7.57E-01
1.01E+02	-9.30E+01	1.60E+02	-1.71E-02	-7.50E-01
1.01E+02	-9.30E+01	1.60E+02	-2.44E-02	-7.60E-01
1.01E+02	-9.30E+01	1.60E+02	-1.95E-02	-7.47E-01
1.01E+02	-9.30E+01	1.60E+02	-2.32E-02	-7.50E-01
1.01E+02	-9.30E+01	1.60E+02	-4.64E-02	-7.48E-01
1.01E+02	-9.30E+01	1.60E+02	-7.32E-03	-7.36E-01
1.01E+02	-9.30E+01	1.60E+02	-2.44E-02	-7.43E-01
1.01E+02	-9.30E+01	1.60E+02	-1.10E-02	-7.41E-01
1.01E+02	-9.30E+01	1.60E+02	-2.81E-02	-7.48E-01
1.01E+02	-9.30E+01	1.60E+02	-2.20E-02	-7.44E-01
1.01E+02	-9.30E+01	1.60E+02	-1.71E-02	-7.26E-01
1.01E+02	-9.30E+01	1.60E+02	-2.20E-02	-7.45E-01
1.01E+02	-9.30E+01	1.60E+02	0.00E+00	-7.31E-01
1.01E+02	-9.30E+01	1.60E+02	-3.17E-02	-7.31E-01
1.01E+02	-9.30E+01	1.60E+02	-7.32E-03	-7.17E-01
1.01E+02	-9.30E+01	1.60E+02	-4.15E-02	-7.20E-01
1.01E+02	-9.30E+01	1.60E+02	-3.17E-02	-7.34E-01
1.01E+02	-9.30E+01	1.60E+02	9.77E-03	-7.19E-01
1.01E+02	-9.30E+01	1.60E+02	-2.56E-02	-7.19E-01
1.01E+02	-9.30E+01	1.60E+02	-1.71E-02	-7.21E-01
1.01E+02	-9.30E+01	1.60E+02	-3.17E-02	-7.14E-01
1.01E+02	-9.30E+01	1.60E+02	-1.59E-02	-7.21E-01
1.01E+02	-9.30E+01	1.60E+02	-1.95E-02	-7.12E-01
1.01E+02	-9.30E+01	1.60E+02	-2.69E-02	-7.23E-01
1.01E+02	-9.30E+01	1.60E+02	-4.88E-03	-7.07E-01
1.01E+02	-9.30E+01	1.60E+02	-3.17E-02	-7.12E-01
1.01E+02	-9.30E+01	1.60E+02	0.00E+00	-7.10E-01
1.01E+02	-9.30E+01	1.60E+02	-2.08E-02	-7.04E-01

1.01E+02	-9.30E+01	1.60E+02	-1.59E-02	-7.18E-01
1.01E+02	-9.30E+01	1.60E+02	1.95E-02	-6.98E-01
1.01E+02	-9.30E+01	1.60E+02	-4.88E-02	-7.23E-01
1.01E+02	-9.30E+01	1.60E+02	-2.69E-02	-6.96E-01
1.01E+02	-9.30E+01	1.60E+02	-4.15E-02	-7.02E-01
1.01E+02	-9.30E+01	1.59E+02	3.66E-03	-7.10E-01
1.01E+02	-9.30E+01	1.60E+02	-2.08E-02	-6.88E-01
1.01E+02	-9.30E+01	1.60E+02	-8.54E-03	-7.08E-01
1.01E+02	-9.30E+01	1.60E+02	-1.22E-02	-6.82E-01
1.01E+02	-9.30E+01	1.60E+02	-3.17E-02	-6.93E-01
1.01E+02	-9.30E+01	1.59E+02	-4.88E-03	-6.90E-01
1.01E+02	-9.30E+01	1.60E+02	-2.69E-02	-6.84E-01
1.01E+02	-9.30E+01	1.60E+02	-2.20E-02	-6.93E-01
1.01E+02	-9.30E+01	1.60E+02	-3.42E-02	-6.76E-01
1.01E+02	-9.30E+01	1.59E+02	-2.81E-02	-7.07E-01
1.02E+02	-9.30E+01	1.60E+02	1.95E-02	-6.82E-01
1.02E+02	-9.30E+01	1.60E+02	-3.66E-02	-6.89E-01
1.02E+02	-9.30E+01	1.60E+02	-6.10E-03	-6.85E-01
1.02E+02	-9.30E+01	1.60E+02	-1.46E-02	-6.72E-01
1.02E+02	-9.30E+01	1.60E+02	-3.30E-02	-6.74E-01
1.02E+02	-9.30E+01	1.60E+02	-2.44E-03	-6.70E-01
1.02E+02	-9.30E+01	1.60E+02	-9.77E-03	-6.70E-01
1.02E+02	-9.30E+01	1.60E+02	-2.44E-02	-6.73E-01
1.02E+02	-9.30E+01	1.60E+02	0.00E+00	-6.64E-01
1.02E+02	-9.30E+01	1.60E+02	-3.17E-02	-6.70E-01
1.02E+02	-9.30E+01	1.60E+02	-1.22E-02	-6.67E-01
1.02E+02	-9.30E+01	1.60E+02	-1.95E-02	-6.59E-01
1.02E+02	-9.30E+01	1.59E+02	-2.56E-02	-6.67E-01
1.02E+02	-9.30E+01	1.59E+02	-1.46E-02	-6.59E-01
1.02E+02	-9.30E+01	1.59E+02	2.44E-03	-6.62E-01
1.02E+02	-9.30E+01	1.60E+02	-1.10E-02	-6.49E-01
1.02E+02	-9.30E+01	1.60E+02	-4.15E-02	-6.62E-01
1.02E+02	-9.30E+01	1.60E+02	-1.71E-02	-6.50E-01
1.02E+02	-9.30E+01	1.60E+02	-2.44E-02	-6.51E-01
1.02E+02	-9.30E+01	1.60E+02	-2.44E-02	-6.56E-01
1.02E+02	-9.30E+01	1.60E+02	0.00E+00	-6.45E-01
1.02E+02	-9.30E+01	1.60E+02	-2.44E-02	-6.56E-01
1.02E+02	-9.30E+01	1.59E+02	7.32E-03	-6.42E-01
1.02E+02	-9.30E+01	1.60E+02	-2.08E-02	-6.44E-01
1.02E+02	-9.30E+01	1.60E+02	-1.22E-02	-6.44E-01
1.02E+02	-9.30E+01	1.60E+02	-2.44E-03	-6.35E-01
1.02E+02	-9.30E+01	1.60E+02	-3.05E-02	-6.43E-01
1.02E+02	-9.30E+01	1.60E+02	1.22E-03	-6.23E-01
1.02E+02	-9.30E+01	1.60E+02	-7.57E-02	-6.27E-01
1.02E+02	-9.30E+01	1.59E+02	-1.71E-02	-6.57E-01
1.02E+02	-9.30E+01	1.60E+02	3.66E-03	-6.26E-01
1.02E+02	-9.30E+01	1.60E+02	-1.95E-02	-6.31E-01

1.02E+02	-9.30E+01	1.59E+02	-2.44E-02	-6.22E-01
1.02E+02	-9.30E+01	1.60E+02	-2.69E-02	-6.25E-01
1.02E+02	-9.30E+01	1.60E+02	-2.08E-02	-6.28E-01
1.02E+02	-9.30E+01	1.60E+02	-4.88E-03	-6.21E-01
1.02E+02	-9.30E+01	1.60E+02	-2.08E-02	-6.18E-01
1.02E+02	-9.30E+01	1.60E+02	-1.71E-02	-6.26E-01
1.02E+02	-9.30E+01	1.60E+02	-2.44E-03	-6.10E-01
1.02E+02	-9.30E+01	1.60E+02	-3.91E-02	-6.17E-01
1.02E+02	-9.30E+01	1.59E+02	-2.81E-02	-6.04E-01
1.02E+02	-9.30E+01	1.59E+02	-9.77E-03	-6.21E-01
1.02E+02	-9.30E+01	1.60E+02	-4.15E-02	-6.28E-01
1.02E+02	-9.30E+01	1.60E+02	-9.77E-03	-6.12E-01
1.02E+02	-9.30E+01	1.60E+02	-2.20E-02	-6.00E-01
1.02E+02	-9.30E+01	1.60E+02	-1.59E-02	-6.08E-01
1.02E+02	-9.30E+01	1.60E+02	-6.10E-03	-6.05E-01
1.02E+02	-9.30E+01	1.60E+02	-1.46E-02	-6.00E-01
1.02E+02	-9.30E+01	1.59E+02	-7.32E-03	-6.02E-01
1.02E+02	-9.30E+01	1.60E+02	-1.59E-02	-5.95E-01
1.03E+02	-9.30E+01	1.60E+02	-1.95E-02	-6.00E-01
1.03E+02	-9.30E+01	1.60E+02	-2.56E-02	-5.93E-01
1.03E+02	-9.30E+01	1.59E+02	-9.77E-03	-5.98E-01
1.03E+02	-9.30E+01	1.60E+02	-1.10E-02	-5.87E-01
1.03E+02	-9.30E+01	1.60E+02	7.32E-03	-6.07E-01
1.03E+02	-9.30E+01	1.60E+02	1.22E-03	-5.72E-01
1.03E+02	-9.30E+01	1.60E+02	-3.78E-02	-5.83E-01
1.03E+02	-9.30E+01	1.59E+02	1.22E-03	-5.89E-01
1.03E+02	-9.30E+01	1.60E+02	-2.69E-02	-5.79E-01
1.03E+02	-9.30E+01	1.60E+02	-2.44E-02	-5.91E-01
1.03E+02	-9.30E+01	1.60E+02	-4.88E-03	-5.81E-01
1.03E+02	-9.30E+01	1.60E+02	-2.08E-02	-5.86E-01
1.03E+02	-9.30E+01	1.60E+02	-7.32E-03	-5.72E-01
1.03E+02	-9.30E+01	1.60E+02	-3.42E-02	-5.74E-01
1.03E+02	-9.30E+01	1.60E+02	-7.32E-03	-5.79E-01
1.03E+02	-9.30E+01	1.60E+02	-1.95E-02	-5.68E-01
1.03E+02	-9.30E+01	1.59E+02	-2.20E-02	-5.76E-01
1.03E+02	-9.30E+01	1.60E+02	1.95E-02	-5.62E-01
1.03E+02	-9.30E+01	1.60E+02	-5.13E-02	-5.65E-01
1.03E+02	-9.30E+01	1.59E+02	-3.17E-02	-5.74E-01
1.03E+02	-9.30E+01	1.60E+02	-1.46E-02	-5.67E-01
1.03E+02	-9.30E+01	1.60E+02	-3.78E-02	-5.63E-01
1.03E+02	-9.30E+01	1.59E+02	4.88E-03	-5.63E-01
1.03E+02	-9.30E+01	1.60E+02	-1.46E-02	-5.58E-01
1.03E+02	-9.30E+01	1.59E+02	-1.10E-02	-5.62E-01
1.03E+02	-9.30E+01	1.60E+02	-3.66E-03	-5.48E-01
1.03E+02	-9.30E+01	1.60E+02	-3.91E-02	-5.61E-01
1.03E+02	-9.30E+01	1.59E+02	0.00E+00	-5.51E-01
1.03E+02	-9.30E+01	1.60E+02	-3.42E-02	-5.50E-01

1.03E+02	-9.30E+01	1.59E+02	-1.71E-02	-5.56E-01
1.03E+02	-9.30E+01	1.60E+02	-4.88E-03	-5.39E-01
1.03E+02	-9.30E+01	1.59E+02	-2.44E-02	-5.52E-01
1.03E+02	-9.30E+01	1.59E+02	-1.95E-02	-5.44E-01
1.03E+02	-9.30E+01	1.60E+02	-2.44E-02	-5.27E-01
1.03E+02	-9.30E+01	1.59E+02	-6.84E-02	-5.44E-01
1.03E+02	-9.30E+01	1.59E+02	0.00E+00	-5.49E-01
1.03E+02	-9.30E+01	1.59E+02	-2.44E-02	-5.46E-01
1.03E+02	-9.30E+01	1.59E+02	-4.88E-03	-5.36E-01
1.03E+02	-9.30E+01	1.60E+02	-3.05E-02	-5.25E-01
1.03E+02	-9.30E+01	1.59E+02	-7.32E-03	-5.36E-01
1.03E+02	-9.30E+01	1.59E+02	-1.22E-02	-5.28E-01
1.03E+02	-9.30E+01	1.59E+02	-3.17E-02	-5.30E-01
1.03E+02	-9.30E+01	1.59E+02	-9.77E-03	-5.30E-01
1.03E+02	-9.30E+01	1.60E+02	-1.71E-02	-5.19E-01
1.03E+02	-9.30E+01	1.59E+02	-3.05E-02	-5.30E-01
1.03E+02	-9.30E+01	1.59E+02	-4.88E-03	-5.19E-01
1.03E+02	-9.30E+01	1.59E+02	-3.17E-02	-5.22E-01
1.03E+02	-9.30E+01	1.59E+02	-2.44E-03	-5.19E-01
1.03E+02	-9.30E+01	1.59E+02	-1.95E-02	-5.17E-01
1.03E+02	-9.30E+01	1.59E+02	-1.46E-02	-5.28E-01
1.04E+02	-9.30E+01	1.59E+02	-7.32E-03	-5.25E-01
1.04E+02	-9.30E+01	1.59E+02	-2.20E-02	-5.24E-01
1.04E+02	-9.30E+01	1.59E+02	1.22E-02	-5.18E-01
1.04E+02	-9.30E+01	1.59E+02	-3.17E-02	-5.06E-01
1.04E+02	-9.30E+01	1.60E+02	-3.42E-02	-5.16E-01
1.04E+02	-9.30E+01	1.59E+02	6.10E-03	-4.92E-01
1.04E+02	-9.30E+01	1.59E+02	-2.44E-02	-5.05E-01
1.04E+02	-9.30E+01	1.59E+02	-2.93E-02	-5.05E-01
1.04E+02	-9.30E+01	1.59E+02	-7.32E-03	-5.00E-01
1.04E+02	-9.30E+01	1.59E+02	-3.17E-02	-5.00E-01
1.04E+02	-9.30E+01	1.59E+02	-1.22E-02	-5.02E-01
1.04E+02	-9.30E+01	1.60E+02	-9.77E-03	-4.91E-01
1.04E+02	-9.30E+01	1.60E+02	-3.17E-02	-4.99E-01
1.04E+02	-9.30E+01	1.59E+02	-2.93E-02	-5.07E-01
1.04E+02	-9.30E+01	1.60E+02	-1.71E-02	-4.90E-01
1.04E+02	-9.30E+01	1.59E+02	3.17E-02	-5.06E-01
1.04E+02	-9.30E+01	1.59E+02	-8.54E-03	-4.89E-01
1.04E+02	-9.30E+01	1.59E+02	-2.93E-02	-4.97E-01
1.04E+02	-9.30E+01	1.59E+02	1.22E-02	-4.83E-01
1.04E+02	-9.30E+01	1.59E+02	-3.66E-02	-4.77E-01
1.04E+02	-9.30E+01	1.59E+02	-1.22E-02	-4.85E-01
1.04E+02	-9.30E+01	1.59E+02	-7.32E-03	-4.73E-01
1.04E+02	-9.30E+01	1.59E+02	-2.81E-02	-4.83E-01
1.04E+02	-9.30E+01	1.59E+02	-9.77E-03	-4.72E-01
1.04E+02	-9.30E+01	1.59E+02	-1.71E-02	-4.69E-01
1.04E+02	-9.30E+01	1.59E+02	-2.81E-02	-4.77E-01

1.04E+02	-9.30E+01	1.59E+02	7.32E-03	-4.69E-01
1.04E+02	-9.30E+01	1.59E+02	-1.22E-02	-4.55E-01
1.04E+02	-9.30E+01	1.59E+02	-1.10E-02	-4.81E-01
1.04E+02	-9.30E+01	1.59E+02	-3.66E-02	-4.54E-01
1.04E+02	-9.30E+01	1.59E+02	-1.95E-02	-4.68E-01
1.04E+02	-9.30E+01	1.59E+02	-4.88E-03	-4.66E-01
1.04E+02	-9.30E+01	1.59E+02	-3.42E-02	-4.62E-01
1.04E+02	-9.30E+01	1.59E+02	-9.77E-03	-4.60E-01
1.04E+02	-9.30E+01	1.59E+02	-1.95E-02	-4.53E-01
1.04E+02	-9.30E+01	1.59E+02	-1.95E-02	-4.63E-01
1.04E+02	-9.30E+01	1.59E+02	-9.77E-03	-4.45E-01
1.04E+02	-9.30E+01	1.59E+02	-3.17E-02	-4.59E-01
1.04E+02	-9.30E+01	1.59E+02	0.00E+00	-4.46E-01
1.04E+02	-9.30E+01	1.59E+02	-3.42E-02	-4.49E-01
1.04E+02	-9.30E+01	1.58E+02	-2.56E-02	-4.47E-01
1.04E+02	-9.30E+01	1.59E+02	-1.95E-02	-4.50E-01
1.04E+02	-9.30E+01	1.59E+02	4.88E-03	-4.42E-01
1.04E+02	-9.30E+01	1.59E+02	7.32E-03	-4.35E-01
1.04E+02	-9.30E+01	1.59E+02	-3.17E-02	-4.40E-01
1.04E+02	-9.30E+01	1.59E+02	2.44E-03	-4.41E-01
1.04E+02	-9.30E+01	1.59E+02	-1.71E-02	-4.33E-01
1.04E+02	-9.30E+01	1.59E+02	-1.59E-02	-4.43E-01
1.04E+02	-9.30E+01	1.59E+02	-9.77E-03	-4.25E-01
1.04E+02	-9.30E+01	1.59E+02	-2.93E-02	-4.38E-01
1.05E+02	-9.30E+01	1.59E+02	-9.77E-03	-4.31E-01
1.05E+02	-9.30E+01	1.59E+02	-2.32E-02	-4.27E-01
1.05E+02	-9.30E+01	1.59E+02	-2.32E-02	-4.33E-01
1.05E+02	-9.30E+01	1.58E+02	-3.66E-03	-4.21E-01
1.05E+02	-9.30E+01	1.59E+02	-1.95E-02	-4.26E-01
1.05E+02	-9.30E+01	1.59E+02	-9.77E-03	-4.27E-01
1.05E+02	-9.30E+01	1.59E+02	-1.95E-02	-4.04E-01
1.05E+02	-9.30E+01	1.59E+02	-2.81E-02	-4.14E-01
1.05E+02	-9.30E+01	1.59E+02	-1.10E-02	-4.17E-01
1.05E+02	-9.30E+01	1.59E+02	-2.93E-02	-4.18E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-03	-4.21E-01
1.05E+02	-9.30E+01	1.59E+02	-1.71E-02	-4.09E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-02	-4.16E-01
1.05E+02	-9.30E+01	1.59E+02	-7.32E-03	-4.03E-01
1.05E+02	-9.30E+01	1.59E+02	-3.66E-02	-4.07E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-03	-4.09E-01
1.05E+02	-9.30E+01	1.59E+02	-1.71E-02	-3.99E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-02	-4.07E-01
1.05E+02	-9.30E+01	1.59E+02	3.17E-02	-3.93E-01
1.05E+02	-9.30E+01	1.59E+02	-1.46E-02	-3.99E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-03	-3.90E-01
1.05E+02	-9.30E+01	1.59E+02	-3.17E-02	-3.91E-01
1.05E+02	-9.30E+01	1.58E+02	-2.08E-02	-4.04E-01

1.05E+02	-9.30E+01	1.58E+02	-8.54E-03	-3.90E-01
1.05E+02	-9.30E+01	1.58E+02	-2.20E-02	-4.00E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-03	-3.96E-01
1.05E+02	-9.30E+01	1.58E+02	-2.56E-02	-3.85E-01
1.05E+02	-9.30E+01	1.58E+02	-7.32E-03	-3.88E-01
1.05E+02	-9.30E+01	1.58E+02	-1.71E-02	-3.76E-01
1.05E+02	-9.30E+01	1.58E+02	-1.95E-02	-3.89E-01
1.05E+02	-9.30E+01	1.58E+02	-9.77E-03	-3.76E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-02	-3.62E-01
1.05E+02	-9.30E+01	1.58E+02	-3.42E-02	-3.82E-01
1.05E+02	-9.30E+01	1.58E+02	-2.93E-02	-3.68E-01
1.05E+02	-9.30E+01	1.58E+02	-1.71E-02	-3.66E-01
1.05E+02	-9.30E+01	1.58E+02	4.88E-03	-3.70E-01
1.05E+02	-9.30E+01	1.58E+02	-9.77E-03	-3.68E-01
1.05E+02	-9.30E+01	1.58E+02	-2.44E-02	-3.71E-01
1.05E+02	-9.30E+01	1.57E+02	-2.20E-02	-3.63E-01
1.05E+02	-9.30E+01	1.57E+02	-2.69E-02	-3.69E-01
1.05E+02	-9.30E+01	1.58E+02	-1.46E-02	-3.70E-01
1.05E+02	-9.30E+01	1.59E+02	-1.46E-02	-3.57E-01
1.05E+02	-9.30E+01	1.58E+02	-2.20E-02	-3.71E-01
1.05E+02	-9.30E+01	1.57E+02	-6.10E-03	-3.50E-01
1.05E+02	-9.30E+01	1.58E+02	-2.93E-02	-3.59E-01
1.05E+02	-9.30E+01	1.58E+02	3.66E-03	-3.54E-01
1.05E+02	-9.30E+01	1.58E+02	-2.69E-02	-3.53E-01
1.05E+02	-9.30E+01	1.57E+02	-3.66E-02	-3.39E-01
1.05E+02	-9.30E+01	1.57E+02	-1.95E-02	-3.50E-01
1.05E+02	-9.30E+01	1.58E+02	1.22E-02	-3.57E-01
1.06E+02	-9.30E+01	1.58E+02	-1.22E-02	-3.46E-01
1.06E+02	-9.30E+01	1.58E+02	-3.17E-02	-3.55E-01
1.06E+02	-9.30E+01	1.58E+02	0.00E+00	-3.43E-01
1.06E+02	-9.30E+01	1.58E+02	-2.93E-02	-3.36E-01
1.06E+02	-9.30E+01	1.57E+02	-1.95E-02	-3.48E-01
1.06E+02	-9.30E+01	1.58E+02	-7.32E-03	-3.32E-01
1.06E+02	-9.30E+01	1.58E+02	-2.44E-02	-3.37E-01
1.06E+02	-9.30E+01	1.57E+02	-7.32E-03	-3.37E-01
1.06E+02	-9.30E+01	1.58E+02	-2.44E-02	-3.32E-01
1.06E+02	-9.30E+01	1.58E+02	-1.59E-02	-3.42E-01
1.06E+02	-9.30E+01	1.58E+02	-1.10E-02	-3.21E-01
1.06E+02	-9.30E+01	1.57E+02	-2.32E-02	-3.39E-01
1.06E+02	-9.30E+01	1.58E+02	-2.44E-03	-3.26E-01
1.06E+02	-9.30E+01	1.58E+02	-1.71E-02	-3.25E-01
1.06E+02	-9.30E+01	1.58E+02	9.77E-03	-3.16E-01
1.06E+02	-9.30E+01	1.57E+02	0.00E+00	-3.18E-01
1.06E+02	-9.30E+01	1.57E+02	-2.20E-02	-3.25E-01
1.06E+02	-9.30E+01	1.58E+02	-2.08E-02	-3.32E-01
1.06E+02	-9.30E+01	1.57E+02	-6.10E-03	-3.05E-01
1.06E+02	-9.30E+01	1.58E+02	-1.95E-02	-3.18E-01

1.06E+02	-9.30E+01	1.57E+02	0.00E+00	-3.23E-01
1.06E+02	-9.30E+01	1.58E+02	-7.32E-03	-3.04E-01
1.06E+02	-9.30E+01	1.57E+02	-3.42E-02	-3.16E-01
1.06E+02	-9.30E+01	1.57E+02	-9.77E-03	-3.02E-01
1.06E+02	-9.30E+01	1.57E+02	-2.93E-02	-3.12E-01
1.06E+02	-9.30E+01	1.57E+02	-7.32E-03	-3.08E-01
1.06E+02	-9.30E+01	1.58E+02	-1.95E-02	-3.01E-01
1.06E+02	-9.30E+01	1.58E+02	-2.08E-02	-3.08E-01
1.06E+02	-9.30E+01	1.57E+02	-1.34E-02	-2.97E-01
1.06E+02	-9.30E+01	1.58E+02	-2.08E-02	-2.94E-01
1.06E+02	-9.30E+01	1.57E+02	-2.20E-02	-3.05E-01
1.06E+02	-9.30E+01	1.57E+02	1.34E-02	-3.06E-01
1.06E+02	-9.30E+01	1.57E+02	-5.13E-02	-2.92E-01
1.06E+02	-9.30E+01	1.57E+02	-1.22E-02	-3.06E-01
1.06E+02	-9.30E+01	1.57E+02	2.44E-03	-2.81E-01
1.06E+02	-9.30E+01	1.57E+02	-2.69E-02	-2.85E-01
1.06E+02	-9.30E+01	1.57E+02	-2.44E-02	-2.93E-01
1.06E+02	-9.30E+01	1.58E+02	2.44E-03	-2.86E-01
1.06E+02	-9.30E+01	1.57E+02	-2.56E-02	-2.90E-01
1.06E+02	-9.30E+01	1.57E+02	1.22E-03	-2.79E-01
1.06E+02	-9.30E+01	1.57E+02	-3.05E-02	-2.79E-01
1.06E+02	-9.30E+01	1.57E+02	-1.34E-02	-2.82E-01
1.06E+02	-9.30E+01	1.57E+02	-1.95E-02	-2.76E-01
1.06E+02	-9.30E+01	1.57E+02	-1.10E-02	-2.76E-01
1.06E+02	-9.30E+01	1.57E+02	-3.66E-03	-2.68E-01
1.06E+02	-9.30E+01	1.57E+02	-3.42E-02	-2.73E-01
1.06E+02	-9.30E+01	1.57E+02	-2.44E-03	-2.71E-01
1.06E+02	-9.30E+01	1.57E+02	-2.20E-02	-2.66E-01
1.06E+02	-9.30E+01	1.57E+02	2.44E-03	-2.76E-01
1.06E+02	-9.30E+01	1.57E+02	-4.88E-03	-2.48E-01
1.07E+02	-9.30E+01	1.57E+02	-1.95E-02	-2.64E-01
1.07E+02	-9.30E+01	1.57E+02	0.00E+00	-2.61E-01
1.07E+02	-9.30E+01	1.57E+02	-1.46E-02	-2.49E-01
1.07E+02	-9.30E+01	1.58E+02	-1.46E-02	-2.66E-01
1.07E+02	-9.30E+01	1.57E+02	-1.22E-03	-2.44E-01
1.07E+02	-9.30E+01	1.57E+02	-2.44E-02	-2.64E-01
1.07E+02	-9.30E+01	1.57E+02	-2.44E-03	-2.54E-01
1.07E+02	-9.30E+01	1.58E+02	-3.42E-02	-2.51E-01
1.07E+02	-9.30E+01	1.57E+02	-1.46E-02	-2.59E-01
1.07E+02	-9.30E+01	1.57E+02	-2.44E-03	-2.41E-01
1.07E+02	-9.30E+01	1.57E+02	-2.44E-02	-2.53E-01
1.07E+02	-9.30E+01	1.57E+02	-1.22E-02	-2.46E-01
1.07E+02	-9.30E+01	1.57E+02	-8.54E-03	-2.37E-01
1.07E+02	-9.30E+01	1.57E+02	-2.20E-02	-2.47E-01
1.07E+02	-9.30E+01	1.57E+02	4.88E-03	-2.37E-01
1.07E+02	-9.30E+01	1.57E+02	-3.17E-02	-2.31E-01
1.07E+02	-9.30E+01	1.57E+02	-2.20E-02	-2.45E-01

1.07E+02	-9.30E+01	1.57E+02	-1.95E-02	-2.27E-01
1.07E+02	-9.30E+01	1.57E+02	-4.88E-02	-2.39E-01
1.07E+02	-9.30E+01	1.57E+02	-9.77E-03	-2.37E-01
1.07E+02	-9.30E+01	1.57E+02	-2.32E-02	-2.20E-01
1.07E+02	-9.30E+01	1.57E+02	-1.46E-02	-2.34E-01
1.07E+02	-9.30E+01	1.57E+02	-7.32E-03	-2.31E-01
1.07E+02	-9.30E+01	1.57E+02	-1.95E-02	-2.22E-01
1.07E+02	-9.30E+01	1.57E+02	-3.66E-02	-2.28E-01
1.07E+02	-9.30E+01	1.57E+02	2.44E-03	-2.20E-01
1.07E+02	-9.30E+01	1.57E+02	-2.20E-02	-2.18E-01
1.07E+02	-9.30E+01	1.57E+02	-9.77E-03	-2.13E-01
1.07E+02	-9.30E+01	1.57E+02	-1.46E-02	-2.14E-01
1.07E+02	-9.30E+01	1.57E+02	-2.20E-02	-2.23E-01
1.07E+02	-9.30E+01	1.57E+02	-7.32E-03	-2.06E-01
1.07E+02	-9.30E+01	1.57E+02	-2.93E-02	-2.15E-01
1.07E+02	-9.30E+01	1.57E+02	1.22E-03	-2.11E-01
1.07E+02	-9.30E+01	1.57E+02	-2.32E-02	-2.06E-01
1.07E+02	-9.30E+01	1.56E+02	-1.46E-02	-2.12E-01
1.07E+02	-9.30E+01	1.57E+02	-1.95E-02	-1.97E-01
1.07E+02	-9.30E+01	1.57E+02	-1.95E-02	-2.15E-01
1.07E+02	-9.30E+01	1.57E+02	7.32E-03	-1.96E-01
1.07E+02	-9.30E+01	1.57E+02	-1.83E-02	-2.15E-01
1.07E+02	-9.30E+01	1.57E+02	-1.34E-02	-1.87E-01
1.07E+02	-9.30E+01	1.57E+02	-3.66E-02	-1.88E-01
1.07E+02	-9.30E+01	1.57E+02	-3.66E-03	-1.92E-01
1.07E+02	-9.30E+01	1.57E+02	-1.83E-02	-1.88E-01
1.07E+02	-9.30E+01	1.56E+02	-3.42E-02	-1.98E-01
1.07E+02	-9.30E+01	1.57E+02	-7.32E-03	-1.91E-01
1.07E+02	-9.30E+01	1.57E+02	-4.03E-02	-1.82E-01
1.07E+02	-9.30E+01	1.57E+02	-2.32E-02	-1.97E-01
1.07E+02	-9.30E+01	1.57E+02	-1.22E-02	-1.81E-01
1.07E+02	-9.30E+01	1.57E+02	-2.20E-02	-1.90E-01
1.07E+02	-9.30E+01	1.57E+02	-2.44E-03	-1.77E-01
1.08E+02	-9.30E+01	1.57E+02	-2.69E-02	-1.79E-01
1.08E+02	-9.30E+01	1.57E+02	-6.10E-03	-1.83E-01
1.08E+02	-9.30E+01	1.57E+02	-1.71E-02	-1.70E-01
1.08E+02	-9.30E+01	1.57E+02	-2.81E-02	-1.81E-01
1.08E+02	-9.30E+01	1.57E+02	-7.32E-03	-1.66E-01
1.08E+02	-9.30E+01	1.57E+02	4.88E-03	-1.58E-01
1.08E+02	-9.30E+01	1.57E+02	-2.56E-02	-1.83E-01
1.08E+02	-9.30E+01	1.57E+02	-4.88E-03	-1.59E-01
1.08E+02	-9.30E+01	1.57E+02	-5.37E-02	-1.62E-01
1.08E+02	-9.30E+01	1.56E+02	-1.22E-02	-1.74E-01
1.08E+02	-9.30E+01	1.57E+02	-1.46E-02	-1.53E-01
1.08E+02	-9.30E+01	1.56E+02	-2.44E-02	-1.64E-01
1.08E+02	-9.30E+01	1.57E+02	-8.54E-03	-1.63E-01
1.08E+02	-9.30E+01	1.57E+02	-2.69E-02	-1.57E-01

1.08E+02	-9.30E+01	1.57E+02	-2.08E-02	-1.58E-01
1.08E+02	-9.30E+01	1.57E+02	-8.54E-03	-1.50E-01
1.08E+02	-9.30E+01	1.56E+02	-2.44E-02	-1.61E-01
1.08E+02	-9.30E+01	1.56E+02	-1.10E-02	-1.48E-01
1.08E+02	-9.30E+01	1.57E+02	-1.46E-02	-1.45E-01
1.08E+02	-9.30E+01	1.57E+02	-2.93E-02	-1.53E-01
1.08E+02	-9.30E+01	1.56E+02	0.00E+00	-1.47E-01
1.08E+02	-9.30E+01	1.56E+02	-2.32E-02	-1.39E-01
1.08E+02	-9.30E+01	1.57E+02	-2.32E-02	-1.52E-01
1.08E+02	-9.30E+01	1.57E+02	-2.44E-03	-1.30E-01
1.08E+02	-9.30E+01	1.56E+02	-1.46E-02	-1.37E-01
1.08E+02	-9.30E+01	1.56E+02	-2.69E-02	-1.54E-01
1.08E+02	-9.30E+01	1.57E+02	-1.59E-02	-1.43E-01
1.08E+02	-9.30E+01	1.57E+02	-3.78E-02	-1.36E-01
1.08E+02	-9.30E+01	1.56E+02	-2.44E-03	-1.24E-01
1.08E+02	-9.30E+01	1.56E+02	-1.71E-02	-1.30E-01
1.08E+02	-9.30E+01	1.56E+02	-1.71E-02	-1.39E-01
1.08E+02	-9.30E+01	1.56E+02	-1.22E-03	-1.22E-01
1.08E+02	-9.30E+01	1.57E+02	-3.66E-02	-1.30E-01
1.08E+02	-9.30E+01	1.56E+02	-1.22E-02	-1.28E-01
1.08E+02	-9.30E+01	1.56E+02	-6.10E-03	-1.17E-01
1.08E+02	-9.30E+01	1.57E+02	-2.20E-02	-1.18E-01
1.08E+02	-9.30E+01	1.56E+02	-2.20E-02	-1.28E-01
1.08E+02	-9.30E+01	1.56E+02	2.44E-03	-1.17E-01
1.08E+02	-9.30E+01	1.56E+02	-3.42E-02	-1.16E-01
1.08E+02	-9.30E+01	1.56E+02	-1.22E-02	-1.20E-01
1.08E+02	-9.30E+01	1.56E+02	-1.22E-02	-1.06E-01
1.08E+02	-9.30E+01	1.56E+02	-2.69E-02	-1.16E-01
1.08E+02	-9.30E+01	1.54E+02	-9.77E-03	-1.06E-01
1.08E+02	-9.30E+01	1.54E+02	-7.32E-03	-1.01E-01
1.08E+02	-9.30E+01	1.53E+02	-2.44E-03	-1.09E-01
1.08E+02	-9.30E+01	1.53E+02	-7.32E-03	-9.31E-02
1.08E+02	-9.30E+01	1.53E+02	-2.44E-02	-1.04E-01
1.08E+02	-9.30E+01	1.51E+02	-1.95E-02	-1.03E-01
1.08E+02	-9.30E+01	1.49E+02	4.88E-03	-9.06E-02
1.08E+02	-9.30E+01	1.39E+02	-3.17E-02	-9.65E-02
1.09E+02	-9.30E+01	1.27E+02	7.32E-03	-9.52E-02
1.09E+02	-9.30E+01	1.16E+02	-2.69E-02	-9.06E-02
1.09E+02	-9.30E+01	1.05E+02	-1.22E-02	-9.65E-02
1.09E+02	-9.30E+01	9.42E+01	-1.10E-02	-7.87E-02
1.09E+02	-9.30E+01	8.38E+01	-1.83E-02	-7.78E-02
1.09E+02	-9.30E+01	7.30E+01	-2.32E-02	-8.12E-02
1.09E+02	-9.30E+01	6.31E+01	-4.88E-03	-6.98E-02
1.09E+02	-9.30E+01	5.38E+01	-3.42E-02	-7.45E-02
1.09E+02	-9.30E+01	4.41E+01	-9.77E-03	-7.36E-02
1.09E+02	-9.30E+01	3.47E+01	-1.71E-02	-5.66E-02
1.09E+02	-9.30E+01	2.49E+01	-2.20E-02	-7.02E-02

1.09E+02	-9.30E+01	1.69E+01	0.00E+00	-5.49E-02
1.09E+02	-9.30E+01	1.02E+01	-1.95E-02	-5.54E-02
1.09E+02	-9.30E+01	6.78E+00	-7.32E-03	-8.12E-02
1.09E+02	-9.30E+01	6.64E+00	1.10E-02	-5.96E-02
1.09E+02	-9.30E+01	6.70E+00	-3.30E-02	-5.66E-02
1.09E+02	-9.30E+01	6.67E+00	-1.71E-02	-5.88E-02
1.09E+02	-9.30E+01	6.73E+00	-2.81E-02	-5.58E-02
1.09E+02	-9.30E+01	6.06E+00	-2.08E-02	-6.17E-02
1.09E+02	-9.30E+01	5.88E+00	0.00E+00	-5.58E-02
1.09E+02	-9.30E+01	6.61E+00	-3.42E-02	-6.09E-02
1.09E+02	-9.30E+01	6.03E+00	-4.88E-03	-6.51E-02
1.09E+02	-9.30E+01	6.58E+00	-9.77E-03	-5.11E-02
1.09E+02	-9.30E+01	5.98E+00	-2.69E-02	-6.51E-02
1.09E+02	-9.30E+01	5.75E+00	0.00E+00	-6.00E-02
1.09E+02	-9.30E+01	5.78E+00	-3.42E-02	-5.92E-02
1.09E+02	-9.30E+01	5.58E+00	-7.32E-03	-6.34E-02
1.09E+02	-9.30E+01	5.42E+00	-9.77E-03	-4.94E-02
1.09E+02	-9.30E+01	4.10E+00	-2.69E-02	-6.38E-02
1.09E+02	-9.30E+01	3.67E+00	-9.77E-03	-5.15E-02
1.09E+02	-9.30E+01	3.77E+00	-1.83E-02	-5.07E-02
1.09E+02	-9.30E+01	3.77E+00	-2.93E-02	-5.62E-02
1.09E+02	-9.30E+01	3.77E+00	0.00E+00	-4.56E-02
1.09E+02	-9.30E+01	4.07E+00	-2.20E-02	-4.05E-02
1.09E+02	-9.30E+01	3.63E+00	-5.00E-02	-4.56E-02
1.09E+02	-9.30E+01	3.80E+00	-3.42E-02	-4.56E-02
1.09E+02	-9.30E+01	3.63E+00	-7.32E-03	-4.73E-02
1.09E+02	-9.30E+01	3.64E+00	-1.34E-02	-4.48E-02
1.09E+02	-9.30E+01	3.86E+00	-2.69E-02	-3.37E-02
1.09E+02	-9.30E+01	3.37E+00	-1.22E-02	-5.32E-02
1.09E+02	-9.30E+01	3.31E+00	-6.10E-03	-3.03E-02
1.09E+02	-9.30E+01	3.18E+00	-2.93E-02	-4.05E-02
1.09E+02	-9.30E+01	2.73E+00	-4.88E-03	-3.37E-02
1.09E+02	-9.30E+01	2.79E+00	-1.71E-02	-1.93E-02
1.09E+02	-9.30E+01	2.42E+00	-2.56E-02	-3.03E-02
1.09E+02	-9.30E+01	2.25E+00	0.00E+00	-1.93E-02
1.09E+02	-9.30E+01	2.10E+00	-2.69E-02	-2.02E-02
1.09E+02	-9.30E+01	2.11E+00	-1.95E-02	-2.23E-02
1.09E+02	-9.30E+01	2.66E+00	-1.10E-02	-1.08E-02
1.09E+02	-9.30E+01	2.54E+00	-2.20E-02	-2.40E-02
1.10E+02	-9.30E+01	2.63E+00	2.44E-03	-1.63E-02
1.10E+02	-9.30E+01	3.12E+00	-3.17E-02	-1.72E-02
1.10E+02	-9.30E+01	2.30E+00	-1.22E-02	-1.04E-02
1.10E+02	-9.30E+01	3.18E+00	-7.32E-03	1.90E-03
1.10E+02	-9.30E+01	3.00E+00	-4.27E-02	-2.78E-02
1.10E+02	-9.30E+01	2.51E+00	-7.32E-03	-6.16E-03
1.10E+02	-9.30E+01	2.76E+00	-3.17E-02	-9.98E-03
1.10E+02	-9.30E+01	2.66E+00	-3.17E-02	-2.52E-02

1.10E+02	-9.30E+01	2.63E+00	-1.46E-02	-1.68E-02
1.10E+02	-9.30E+01	2.70E+00	-2.20E-02	-9.98E-03
1.10E+02	-9.30E+01	2.51E+00	-3.66E-03	-2.69E-02
1.10E+02	-9.30E+01	2.63E+00	4.88E-03	-1.93E-02
1.10E+02	-9.30E+01	2.79E+00	-3.78E-02	-1.72E-02
1.10E+02	-9.30E+01	2.66E+00	1.22E-02	-2.61E-02
1.10E+02	-9.30E+01	2.88E+00	-1.71E-02	-1.17E-02
1.10E+02	-9.30E+01	2.82E+00	-1.83E-02	-2.78E-02
1.10E+02	-9.30E+01	2.92E+00	-7.32E-03	-1.21E-02
1.10E+02	-9.30E+01	3.06E+00	-2.69E-02	-1.85E-02
1.10E+02	-9.30E+01	2.99E+00	-1.22E-03	-2.02E-02
1.10E+02	-9.30E+01	3.15E+00	-9.77E-03	-1.29E-02
1.10E+02	-9.30E+01	3.17E+00	-2.56E-02	-2.31E-02
1.10E+02	-9.30E+01	3.06E+00	-8.54E-03	-9.13E-03
1.10E+02	-9.30E+01	3.06E+00	-2.69E-02	-2.40E-02
1.10E+02	-9.30E+01	2.88E+00	-1.22E-02	-2.95E-02
1.10E+02	-9.30E+01	3.23E+00	1.59E-02	-1.42E-02
1.10E+02	-9.30E+01	3.15E+00	-6.84E-02	-3.67E-02
1.10E+02	-9.30E+01	3.31E+00	4.88E-03	-1.85E-02
1.10E+02	-9.30E+01	3.49E+00	-3.66E-02	-2.61E-02
1.10E+02	-9.30E+01	3.35E+00	-2.69E-02	-3.12E-02
1.10E+02	-9.30E+01	3.25E+00	-3.66E-03	-1.68E-02
1.10E+02	-9.30E+01	3.25E+00	-3.54E-02	-2.02E-02
1.10E+02	-9.30E+01	2.91E+00	7.32E-03	-2.48E-02
1.10E+02	-9.30E+01	3.40E+00	-1.59E-02	-1.68E-02
1.10E+02	-9.30E+01	3.18E+00	-2.69E-02	-2.44E-02
1.10E+02	-9.30E+01	3.23E+00	-9.77E-03	-1.59E-02
1.10E+02	-9.30E+01	3.29E+00	-3.17E-02	-2.27E-02
1.10E+02	-9.30E+01	3.03E+00	-1.71E-02	-2.27E-02
1.10E+02	-9.30E+01	3.34E+00	-7.32E-03	-1.17E-02
1.10E+02	-9.30E+01	3.46E+00	-2.93E-02	-2.02E-02
1.10E+02	-9.30E+01	3.15E+00	0.00E+00	-2.27E-02
1.10E+02	-9.30E+01	3.52E+00	-4.88E-03	-7.01E-03
1.10E+02	-9.30E+01	3.22E+00	-2.93E-02	-2.27E-02
1.10E+02	-9.30E+01	3.25E+00	-2.44E-03	-1.76E-02
1.10E+02	-9.30E+01	3.34E+00	-2.69E-02	-1.76E-02
1.10E+02	-9.30E+01	3.22E+00	-2.81E-02	-2.27E-02
1.10E+02	-9.30E+01	3.14E+00	-1.22E-03	-1.72E-02
1.10E+02	-9.30E+01	3.46E+00	-2.44E-02	-1.63E-02
1.10E+02	-9.30E+01	3.09E+00	-2.93E-02	-2.69E-02
1.10E+02	-9.30E+01	3.22E+00	2.44E-03	-1.34E-02
1.10E+02	-9.30E+01	3.55E+00	-3.17E-02	-1.68E-02
1.11E+02	-9.30E+01	3.31E+00	-4.88E-03	-2.52E-02
1.11E+02	-9.30E+01	3.40E+00	2.20E-02	-4.89E-03
1.11E+02	-9.30E+01	3.43E+00	-2.08E-02	-2.36E-02
1.11E+02	-9.30E+01	2.91E+00	-2.44E-02	-2.14E-02
1.11E+02	-9.30E+01	3.31E+00	-2.44E-02	-1.17E-02

1.11E+02	-9.30E+01	3.32E+00	-1.71E-02	-2.10E-02
1.11E+02	-9.30E+01	3.22E+00	-1.22E-02	-2.69E-02
1.11E+02	-9.30E+01	3.34E+00	-2.20E-02	-1.17E-02
1.11E+02	-9.30E+01	3.31E+00	-2.20E-02	-2.57E-02
1.11E+02	-9.30E+01	3.37E+00	-4.88E-03	-1.63E-02
1.11E+02	-9.30E+01	3.41E+00	-8.54E-03	-1.85E-02
1.11E+02	-9.30E+01	3.37E+00	-2.69E-02	-1.85E-02
1.11E+02	-9.30E+01	3.31E+00	-7.32E-03	-1.85E-02
1.11E+02	-9.30E+01	3.40E+00	-2.20E-02	-1.76E-02
1.11E+02	-9.30E+01	3.41E+00	-9.77E-03	-2.10E-02
1.11E+02	-9.30E+01	3.66E+00	-8.54E-03	-1.25E-02
1.11E+02	-9.30E+01	3.37E+00	-2.93E-02	-2.27E-02
1.11E+02	-9.30E+01	3.25E+00	-3.66E-03	-2.02E-02
1.11E+02	-9.30E+01	3.49E+00	-1.22E-02	-1.34E-02
1.11E+02	-9.30E+01	3.29E+00	-2.20E-02	-2.61E-02
1.11E+02	-9.30E+01	3.40E+00	-1.10E-02	-1.17E-02
1.11E+02	-9.30E+01	3.26E+00	-2.81E-02	-2.78E-02
1.11E+02	-9.30E+01	3.25E+00	-9.77E-03	-2.40E-02
1.11E+02	-9.30E+01	3.34E+00	-4.88E-03	-1.38E-02
1.11E+02	-9.30E+01	3.43E+00	0.00E+00	-2.44E-02
1.11E+02	-9.30E+01	3.20E+00	-7.32E-03	-1.97E-02
1.11E+02	-9.30E+01	3.38E+00	-2.20E-02	-1.25E-02
1.11E+02	-9.30E+01	3.28E+00	2.44E-03	-4.90E-02
1.11E+02	-9.30E+01	3.57E+00	9.77E-03	-1.93E-02
1.11E+02	-9.30E+01	3.37E+00	-1.10E-02	-1.17E-02
1.11E+02	-9.30E+01	3.22E+00	0.00E+00	-1.85E-02
1.11E+02	-9.30E+01	3.31E+00	-2.93E-02	-2.95E-02
1.11E+02	-9.30E+01	3.40E+00	-9.77E-03	-1.34E-02
1.11E+02	-9.30E+01	3.49E+00	-1.95E-02	-3.03E-02
1.11E+02	-9.30E+01	3.12E+00	-2.44E-03	-2.19E-02
1.11E+02	-9.30E+01	3.67E+00	-1.95E-02	-1.12E-02
1.11E+02	-9.30E+01	3.28E+00	-2.32E-02	-2.44E-02
1.11E+02	-9.30E+01	3.34E+00	-9.77E-03	-1.21E-02
1.11E+02	-9.30E+01	3.40E+00	-2.08E-02	-2.27E-02
1.11E+02	-9.30E+01	3.29E+00	-2.44E-03	-9.13E-03
1.11E+02	-9.30E+01	3.55E+00	-1.95E-02	-2.31E-02
1.11E+02	-9.30E+01	3.18E+00	-1.22E-02	-1.93E-02
1.11E+02	-9.30E+01	3.52E+00	-1.95E-02	-1.59E-02