

Current File O:\Projects\914220~1\ODYSSE~1\processed_data\Ody1119A.csv

Original File C:\Data\9142OdysseyLiftGate\Ody1119.dx3

File descrip 9142 2005 Honda Odyssey LiftGate liftgate - Esser

Project ID: Project ID

File ID: ORIGINAL

Test Date: 4/9/2009

Test Time: 03:13.0

Current Da #####

Current Tin 8:36:18

Number of 4

Number of 1088

Independe 0.02

Independe -4.76

Independe Sec

Time Angle Force LiftgateMo StrutCalDisplacement

Sec	Degrees	lbs	volts	inches
-4.76E+00	7.59E+01	1.00E+00	-1.95E-02	0.00E+00
-4.74E+00	7.59E+01	8.48E-01	-8.54E-03	0.00E+00
-4.72E+00	7.58E+01	6.34E-01	-8.54E-03	0.00E+00
-4.70E+00	7.59E+01	7.56E-01	-1.83E-02	0.00E+00
-4.68E+00	7.58E+01	7.87E-01	-2.32E-02	0.00E+00
-4.66E+00	7.59E+01	9.25E-01	-7.32E-03	0.00E+00
-4.64E+00	7.59E+01	9.55E-01	-1.22E-02	0.00E+00
-4.62E+00	7.58E+01	6.65E-01	-3.42E-02	0.00E+00
-4.60E+00	7.59E+01	7.56E-01	-1.46E-02	0.00E+00
-4.58E+00	7.57E+01	3.89E-01	-2.44E-02	0.00E+00
-4.56E+00	7.59E+01	7.10E-01	-1.46E-02	0.00E+00
-4.54E+00	7.58E+01	7.87E-01	-1.46E-02	0.00E+00
-4.52E+00	7.59E+01	8.18E-01	-1.71E-02	0.00E+00
-4.50E+00	7.59E+01	1.03E+00	-1.46E-02	0.00E+00
-4.48E+00	7.59E+01	8.48E-01	-1.46E-02	0.00E+00
-4.46E+00	7.59E+01	5.73E-01	-1.71E-02	0.00E+00
-4.44E+00	7.59E+01	5.73E-01	-9.77E-03	0.00E+00
-4.42E+00	7.59E+01	6.80E-01	-2.20E-02	0.00E+00
-4.40E+00	7.58E+01	6.34E-01	-1.59E-02	0.00E+00
-4.38E+00	7.58E+01	7.26E-01	-2.44E-02	0.00E+00
-4.36E+00	7.58E+01	5.73E-01	-1.71E-02	0.00E+00
-4.34E+00	7.58E+01	6.95E-01	-1.95E-02	0.00E+00
-4.32E+00	7.58E+01	6.19E-01	-2.20E-02	0.00E+00
-4.30E+00	7.59E+01	8.48E-01	-1.10E-02	0.00E+00
-4.28E+00	7.59E+01	7.10E-01	-1.22E-02	0.00E+00
-4.26E+00	7.59E+01	8.18E-01	-8.54E-03	0.00E+00
-4.24E+00	7.58E+01	6.95E-01	-2.20E-02	0.00E+00
-4.22E+00	7.60E+01	8.33E-01	9.77E-03	0.00E+00
-4.20E+00	7.60E+01	7.10E-01	-1.83E-02	0.00E+00
-4.18E+00	7.59E+01	6.65E-01	-2.44E-02	0.00E+00
-4.16E+00	7.58E+01	6.65E-01	-2.44E-02	0.00E+00

-4.14E+00	7.59E+01	8.33E-01	-1.46E-02	0.00E+00
-4.12E+00	7.58E+01	6.03E-01	-2.81E-02	0.00E+00
-4.10E+00	7.59E+01	7.26E-01	-1.95E-02	0.00E+00
-4.08E+00	7.58E+01	6.34E-01	-2.20E-02	0.00E+00
-4.06E+00	7.59E+01	6.34E-01	-4.15E-02	0.00E+00
-4.04E+00	7.59E+01	8.18E-01	-1.95E-02	0.00E+00
-4.02E+00	7.59E+01	7.10E-01	-1.71E-02	0.00E+00
-4.00E+00	7.59E+01	8.02E-01	-1.46E-02	0.00E+00
-3.98E+00	7.57E+01	8.33E-01	1.22E-02	0.00E+00
-3.96E+00	7.60E+01	7.87E-01	-9.77E-03	0.00E+00
-3.94E+00	7.59E+01	6.95E-01	-3.17E-02	0.00E+00
-3.92E+00	7.60E+01	8.79E-01	-3.66E-02	0.00E+00
-3.90E+00	7.56E+01	7.10E-01	-2.20E-02	0.00E+00
-3.88E+00	7.59E+01	7.56E-01	6.10E-03	0.00E+00
-3.86E+00	7.58E+01	6.03E-01	-4.64E-02	0.00E+00
-3.84E+00	7.57E+01	6.34E-01	-1.71E-02	0.00E+00
-3.82E+00	7.58E+01	6.65E-01	-4.88E-03	0.00E+00
-3.80E+00	7.58E+01	7.72E-01	-7.32E-03	0.00E+00
-3.78E+00	7.58E+01	6.80E-01	-1.71E-02	0.00E+00
-3.76E+00	7.59E+01	7.87E-01	-2.08E-02	0.00E+00
-3.74E+00	7.59E+01	8.48E-01	-7.32E-03	0.00E+00
-3.72E+00	7.60E+01	8.18E-01	-3.66E-03	0.00E+00
-3.70E+00	7.57E+01	6.65E-01	-3.05E-02	0.00E+00
-3.68E+00	7.59E+01	8.48E-01	-1.46E-02	0.00E+00
-3.66E+00	7.57E+01	6.49E-01	-4.03E-02	0.00E+00
-3.64E+00	7.59E+01	7.72E-01	-2.44E-02	0.00E+00
-3.62E+00	7.58E+01	7.72E-01	7.32E-03	0.00E+00
-3.60E+00	7.61E+01	8.79E-01	7.32E-03	0.00E+00
-3.58E+00	7.59E+01	7.56E-01	-2.20E-02	0.00E+00
-3.56E+00	7.59E+01	8.18E-01	-2.69E-02	0.00E+00
-3.54E+00	7.58E+01	8.18E-01	-9.77E-03	0.00E+00
-3.52E+00	7.59E+01	7.26E-01	-9.77E-03	0.00E+00
-3.50E+00	7.59E+01	7.26E-01	-1.46E-02	0.00E+00
-3.48E+00	7.58E+01	6.95E-01	-2.69E-02	0.00E+00
-3.46E+00	7.58E+01	7.41E-01	-2.93E-02	0.00E+00
-3.44E+00	7.59E+01	6.49E-01	-3.05E-02	0.00E+00
-3.42E+00	7.59E+01	7.10E-01	-2.20E-02	0.00E+00
-3.40E+00	7.58E+01	6.95E-01	-2.20E-02	0.00E+00
-3.38E+00	7.59E+01	1.12E+00	-1.71E-02	0.00E+00
-3.36E+00	7.58E+01	5.73E-01	-1.46E-02	0.00E+00
-3.34E+00	7.59E+01	8.33E-01	-9.77E-03	0.00E+00
-3.32E+00	7.58E+01	4.96E-01	-2.56E-02	0.00E+00
-3.30E+00	7.60E+01	9.40E-01	0.00E+00	0.00E+00
-3.28E+00	7.59E+01	7.87E-01	-1.46E-02	0.00E+00
-3.26E+00	7.59E+01	9.70E-01	-1.22E-02	0.00E+00
-3.24E+00	7.59E+01	8.63E-01	-6.10E-03	0.00E+00
-3.22E+00	7.59E+01	8.18E-01	-1.22E-02	0.00E+00

-3.20E+00	7.59E+01	7.10E-01	-1.22E-02	0.00E+00
-3.18E+00	7.58E+01	6.80E-01	-1.83E-02	0.00E+00
-3.16E+00	7.59E+01	6.65E-01	-2.20E-02	0.00E+00
-3.14E+00	7.58E+01	6.95E-01	-3.30E-02	0.00E+00
-3.12E+00	7.59E+01	8.18E-01	-7.32E-03	0.00E+00
-3.10E+00	7.58E+01	6.95E-01	-2.81E-02	0.00E+00
-3.08E+00	7.58E+01	8.63E-01	-1.71E-02	0.00E+00
-3.06E+00	7.58E+01	7.87E-01	-2.08E-02	0.00E+00
-3.04E+00	7.58E+01	7.56E-01	-2.56E-02	0.00E+00
-3.02E+00	7.58E+01	7.87E-01	-1.83E-02	0.00E+00
-3.00E+00	7.58E+01	3.89E-01	-2.69E-02	0.00E+00
-2.98E+00	7.59E+01	8.79E-01	-1.46E-02	0.00E+00
-2.96E+00	7.58E+01	7.87E-01	-1.83E-02	0.00E+00
-2.94E+00	7.59E+01	7.72E-01	-8.54E-03	0.00E+00
-2.92E+00	7.59E+01	7.10E-01	-2.20E-02	0.00E+00
-2.90E+00	7.59E+01	7.26E-01	-4.88E-03	0.00E+00
-2.88E+00	7.59E+01	9.86E-01	-1.46E-02	0.00E+00
-2.86E+00	7.59E+01	7.87E-01	-1.59E-02	0.00E+00
-2.84E+00	7.59E+01	9.86E-01	-9.77E-03	0.00E+00
-2.82E+00	7.58E+01	8.18E-01	-9.77E-03	0.00E+00
-2.80E+00	7.59E+01	7.56E-01	-1.71E-02	0.00E+00
-2.78E+00	7.58E+01	6.95E-01	-6.10E-03	0.00E+00
-2.76E+00	7.60E+01	8.18E-01	-3.17E-02	0.00E+00
-2.74E+00	7.60E+01	7.26E-01	-2.69E-02	0.00E+00
-2.72E+00	7.58E+01	7.41E-01	-4.39E-02	0.00E+00
-2.70E+00	7.57E+01	5.73E-01	-4.15E-02	0.00E+00
-2.68E+00	7.58E+01	6.80E-01	-2.44E-02	0.00E+00
-2.66E+00	7.59E+01	7.72E-01	-3.05E-02	0.00E+00
-2.64E+00	7.59E+01	7.56E-01	-1.22E-02	0.00E+00
-2.62E+00	7.58E+01	7.87E-01	-1.46E-02	0.00E+00
-2.60E+00	7.58E+01	7.26E-01	-1.95E-02	0.00E+00
-2.58E+00	7.58E+01	6.49E-01	-1.34E-02	0.00E+00
-2.56E+00	7.59E+01	8.18E-01	-1.95E-02	0.00E+00
-2.54E+00	7.58E+01	6.34E-01	-2.44E-02	0.00E+00
-2.52E+00	7.58E+01	8.18E-01	-6.10E-03	0.00E+00
-2.50E+00	7.59E+01	6.95E-01	-1.10E-02	0.00E+00
-2.48E+00	7.59E+01	9.09E-01	-2.44E-03	0.00E+00
-2.46E+00	7.59E+01	7.41E-01	-1.46E-02	0.00E+00
-2.44E+00	7.57E+01	9.09E-01	-7.32E-03	0.00E+00
-2.42E+00	7.59E+01	8.18E-01	-1.59E-02	0.00E+00
-2.40E+00	7.58E+01	7.87E-01	-1.71E-02	0.00E+00
-2.38E+00	7.60E+01	9.70E-01	-9.77E-03	0.00E+00
-2.36E+00	7.59E+01	7.72E-01	-2.44E-03	0.00E+00
-2.34E+00	7.59E+01	8.33E-01	-1.34E-02	0.00E+00
-2.32E+00	7.59E+01	7.10E-01	-1.10E-02	0.00E+00
-2.30E+00	7.59E+01	8.18E-01	-1.34E-02	0.00E+00
-2.28E+00	7.58E+01	4.20E-01	-2.44E-02	0.00E+00

-2.26E+00	7.59E+01	1.08E+00	-1.34E-02	0.00E+00
-2.24E+00	7.58E+01	6.80E-01	-2.44E-02	0.00E+00
-2.22E+00	7.58E+01	4.51E-01	-2.69E-02	0.00E+00
-2.20E+00	7.59E+01	5.27E-01	-2.20E-02	0.00E+00
-2.18E+00	7.57E+01	6.19E-01	-2.32E-02	0.00E+00
-2.16E+00	7.59E+01	5.12E-01	-2.20E-02	0.00E+00
-2.14E+00	7.58E+01	7.26E-01	-2.32E-02	0.00E+00
-2.12E+00	7.59E+01	6.65E-01	-1.46E-02	0.00E+00
-2.10E+00	7.58E+01	8.02E-01	-1.59E-02	0.00E+00
-2.08E+00	7.58E+01	4.51E-01	-1.46E-02	0.00E+00
-2.06E+00	7.59E+01	6.95E-01	-1.46E-02	0.00E+00
-2.04E+00	7.59E+01	9.40E-01	-1.22E-02	0.00E+00
-2.02E+00	7.59E+01	7.26E-01	-1.10E-02	0.00E+00
-2.00E+00	7.59E+01	9.70E-01	-1.71E-02	0.00E+00
-1.98E+00	7.60E+01	9.40E-01	-2.44E-03	0.00E+00
-1.96E+00	7.59E+01	8.48E-01	-2.08E-02	0.00E+00
-1.94E+00	7.59E+01	5.73E-01	-9.77E-03	0.00E+00
-1.92E+00	7.59E+01	9.25E-01	-1.46E-02	0.00E+00
-1.90E+00	7.59E+01	6.34E-01	-9.77E-03	0.00E+00
-1.88E+00	7.59E+01	7.56E-01	-1.46E-02	0.00E+00
-1.86E+00	7.58E+01	6.95E-01	-1.46E-02	0.00E+00
-1.84E+00	7.59E+01	1.06E+00	-8.54E-03	0.00E+00
-1.82E+00	7.58E+01	5.12E-01	-1.71E-02	0.00E+00
-1.80E+00	7.59E+01	9.55E-01	-4.88E-03	0.00E+00
-1.78E+00	7.58E+01	4.66E-01	-1.95E-02	0.00E+00
-1.76E+00	7.57E+01	6.34E-01	-1.71E-02	0.00E+00
-1.74E+00	7.59E+01	7.56E-01	-1.46E-02	0.00E+00
-1.72E+00	7.57E+01	6.95E-01	0.00E+00	0.00E+00
-1.70E+00	7.60E+01	9.25E-01	-1.10E-02	0.00E+00
-1.68E+00	7.58E+01	6.95E-01	-1.34E-02	0.00E+00
-1.66E+00	7.57E+01	7.26E-01	-2.44E-02	0.00E+00
-1.64E+00	7.58E+01	7.56E-01	-1.95E-02	0.00E+00
-1.62E+00	7.58E+01	6.65E-01	-3.17E-02	0.00E+00
-1.60E+00	7.58E+01	7.41E-01	-2.69E-02	0.00E+00
-1.58E+00	7.58E+01	6.80E-01	-1.46E-02	0.00E+00
-1.56E+00	7.58E+01	6.95E-01	-1.71E-02	0.00E+00
-1.54E+00	7.58E+01	7.26E-01	-1.95E-02	0.00E+00
-1.52E+00	7.57E+01	8.48E-01	0.00E+00	0.00E+00
-1.50E+00	7.58E+01	7.56E-01	-1.71E-02	0.00E+00
-1.48E+00	7.58E+01	7.26E-01	-3.17E-02	0.00E+00
-1.46E+00	7.58E+01	6.34E-01	-1.46E-02	0.00E+00
-1.44E+00	7.58E+01	8.18E-01	-1.22E-02	0.00E+00
-1.42E+00	7.58E+01	6.95E-01	-1.95E-02	0.00E+00
-1.40E+00	7.59E+01	8.48E-01	-1.22E-02	0.00E+00
-1.38E+00	7.58E+01	7.26E-01	-1.59E-02	0.00E+00
-1.36E+00	7.58E+01	3.89E-01	-2.56E-02	0.00E+00
-1.34E+00	7.58E+01	4.96E-01	-1.34E-02	0.00E+00

-1.32E+00	7.58E+01	6.34E-01	-1.71E-02	0.00E+00
-1.30E+00	7.59E+01	1.00E+00	-3.66E-03	0.00E+00
-1.28E+00	7.58E+01	6.95E-01	-1.95E-02	0.00E+00
-1.26E+00	7.58E+01	7.56E-01	-1.95E-02	0.00E+00
-1.24E+00	7.59E+01	6.03E-01	-1.22E-02	0.00E+00
-1.22E+00	7.58E+01	9.09E-01	-1.59E-02	0.00E+00
-1.20E+00	7.59E+01	8.18E-01	-9.77E-03	0.00E+00
-1.18E+00	7.59E+01	9.40E-01	-1.34E-02	0.00E+00
-1.16E+00	7.58E+01	3.13E-01	-1.83E-02	0.00E+00
-1.14E+00	7.59E+01	5.58E-01	-2.08E-02	0.00E+00
-1.12E+00	7.58E+01	6.65E-01	-1.95E-02	0.00E+00
-1.10E+00	7.59E+01	6.95E-01	-1.22E-02	0.00E+00
-1.08E+00	7.59E+01	9.70E-01	-1.46E-02	0.00E+00
-1.06E+00	7.59E+01	7.87E-01	-1.83E-02	0.00E+00
-1.04E+00	7.59E+01	8.48E-01	-9.77E-03	0.00E+00
-1.02E+00	7.58E+01	9.09E-01	-1.46E-02	0.00E+00
-1.00E+00	7.59E+01	7.72E-01	-1.10E-02	0.00E+00
-9.80E-01	7.59E+01	8.18E-01	-2.69E-02	0.00E+00
-9.60E-01	7.60E+01	8.18E-01	-1.95E-02	0.00E+00
-9.40E-01	7.59E+01	7.56E-01	-2.44E-02	0.00E+00
-9.20E-01	7.59E+01	9.70E-01	-1.22E-03	0.00E+00
-9.00E-01	7.59E+01	7.72E-01	-1.59E-02	0.00E+00
-8.80E-01	7.60E+01	8.18E-01	-3.17E-02	0.00E+00
-8.60E-01	7.59E+01	7.56E-01	-7.32E-03	0.00E+00
-8.40E-01	7.58E+01	6.65E-01	-1.46E-02	0.00E+00
-8.20E-01	7.59E+01	8.48E-01	-2.44E-03	0.00E+00
-8.00E-01	7.57E+01	6.95E-01	-2.44E-02	0.00E+00
-7.80E-01	7.58E+01	8.02E-01	-1.95E-02	0.00E+00
-7.60E-01	7.57E+01	7.87E-01	-2.93E-02	0.00E+00
-7.40E-01	7.59E+01	7.26E-01	2.44E-03	0.00E+00
-7.20E-01	7.57E+01	7.87E-01	0.00E+00	0.00E+00
-7.00E-01	7.60E+01	6.95E-01	-1.71E-02	0.00E+00
-6.80E-01	7.59E+01	8.02E-01	-1.22E-02	0.00E+00
-6.60E-01	7.59E+01	7.26E-01	-8.54E-03	0.00E+00
-6.40E-01	7.58E+01	7.26E-01	-1.71E-02	0.00E+00
-6.20E-01	7.58E+01	7.87E-01	-2.93E-02	0.00E+00
-6.00E-01	7.58E+01	6.34E-01	-2.44E-02	0.00E+00
-5.80E-01	7.58E+01	7.56E-01	-2.20E-02	0.00E+00
-5.60E-01	7.59E+01	8.02E-01	-1.95E-02	0.00E+00
-5.40E-01	7.58E+01	6.95E-01	-1.59E-02	0.00E+00
-5.20E-01	7.59E+01	7.87E-01	-7.32E-03	0.00E+00
-5.00E-01	7.58E+01	4.66E-01	-1.71E-02	0.00E+00
-4.80E-01	7.59E+01	6.80E-01	-2.20E-02	0.00E+00
-4.60E-01	7.59E+01	7.26E-01	-2.20E-02	0.00E+00
-4.40E-01	7.57E+01	6.49E-01	-3.66E-02	0.00E+00
-4.20E-01	7.59E+01	6.95E-01	-1.83E-02	0.00E+00
-4.00E-01	7.58E+01	7.56E-01	-2.69E-02	0.00E+00

-3.80E-01	7.55E+01	7.72E-01	-6.10E-03	0.00E+00
-3.60E-01	7.54E+01	9.09E-01	-1.71E-02	0.00E+00
-3.40E-01	7.52E+01	7.10E-01	-2.20E-02	0.00E+00
-3.20E-01	7.54E+01	1.03E+00	-1.71E-02	0.00E+00
-3.00E-01	7.53E+01	9.25E-01	-2.93E-02	0.00E+00
-2.80E-01	7.53E+01	7.87E-01	-1.34E-02	0.00E+00
-2.60E-01	7.53E+01	7.10E-01	-1.95E-02	0.00E+00
-2.40E-01	7.53E+01	7.26E-01	-2.08E-02	0.00E+00
-2.20E-01	7.54E+01	8.33E-01	-1.71E-02	0.00E+00
-2.00E-01	7.53E+01	7.87E-01	-1.46E-02	0.00E+00
-1.80E-01	7.54E+01	7.87E-01	-4.88E-03	0.00E+00
-1.60E-01	7.53E+01	6.65E-01	-1.71E-02	0.00E+00
-1.40E-01	7.53E+01	8.18E-01	-7.32E-03	0.00E+00
-1.20E-01	7.49E+01	8.94E-01	-1.22E-02	0.00E+00
-1.00E-01	7.47E+01	9.40E-01	-1.95E-02	0.00E+00
-8.00E-02	7.48E+01	8.79E-01	-4.88E-03	0.00E+00
-6.00E-02	7.47E+01	8.02E-01	-1.71E-02	0.00E+00
-4.00E-02	7.46E+01	7.56E-01	-7.32E-03	0.00E+00
-2.00E-02	7.46E+01	8.02E-01	1.22E-02	0.00E+00
0.00E+00	7.39E+01	7.72E-01	-7.32E-03	0.00E+00
2.00E-02	7.42E+01	9.09E-01	-4.88E-03	0.00E+00
4.00E-02	7.41E+01	6.95E-01	-6.10E-03	0.00E+00
6.00E-02	7.41E+01	7.72E-01	-9.77E-03	0.00E+00
8.00E-02	7.38E+01	6.95E-01	-9.77E-03	0.00E+00
1.00E-01	7.36E+01	6.03E-01	-2.32E-02	0.00E+00
1.20E-01	7.37E+01	9.25E-01	0.00E+00	0.00E+00
1.40E-01	7.33E+01	6.49E-01	-1.46E-02	0.00E+00
1.60E-01	7.30E+01	8.18E-01	-1.22E-02	0.00E+00
1.80E-01	7.30E+01	8.48E-01	-2.69E-02	0.00E+00
2.00E-01	7.27E+01	7.26E-01	-1.46E-02	0.00E+00
2.20E-01	7.25E+01	8.94E-01	1.22E-03	0.00E+00
2.40E-01	7.24E+01	7.26E-01	-2.20E-02	0.00E+00
2.60E-01	7.22E+01	8.48E-01	-7.32E-03	0.00E+00
2.80E-01	7.19E+01	9.40E-01	-1.95E-02	0.00E+00
3.00E-01	7.18E+01	7.56E-01	-1.22E-02	0.00E+00
3.20E-01	7.18E+01	1.23E+00	4.88E-03	0.00E+00
3.40E-01	7.14E+01	7.56E-01	-1.71E-02	0.00E+00
3.60E-01	7.14E+01	7.56E-01	-1.34E-02	0.00E+00
3.80E-01	7.13E+01	9.09E-01	-1.22E-02	0.00E+00
4.00E-01	7.11E+01	7.41E-01	-9.77E-03	0.00E+00
4.20E-01	7.11E+01	5.12E-01	-2.20E-02	0.00E+00
4.40E-01	7.07E+01	1.06E+00	-1.95E-02	0.00E+00
4.60E-01	7.05E+01	8.02E-01	-7.32E-03	0.00E+00
4.80E-01	7.06E+01	6.65E-01	-7.32E-03	0.00E+00
5.00E-01	7.04E+01	8.48E-01	-4.88E-03	0.00E+00
5.20E-01	6.99E+01	8.48E-01	-1.46E-02	0.00E+00
5.40E-01	6.98E+01	6.95E-01	-1.95E-02	0.00E+00

5.60E-01	6.98E+01	6.03E-01	-1.22E-02	0.00E+00
5.80E-01	6.92E+01	9.09E-01	-1.22E-02	0.00E+00
6.00E-01	6.91E+01	6.03E-01	-1.46E-02	0.00E+00
6.20E-01	6.91E+01	9.70E-01	-9.77E-03	0.00E+00
6.40E-01	6.86E+01	6.49E-01	-2.69E-02	0.00E+00
6.60E-01	6.84E+01	7.72E-01	-7.32E-03	0.00E+00
6.80E-01	6.84E+01	6.03E-01	-1.59E-02	0.00E+00
7.00E-01	6.81E+01	6.03E-01	-1.22E-02	0.00E+00
7.20E-01	6.78E+01	1.02E+00	-3.66E-03	0.00E+00
7.40E-01	6.78E+01	7.26E-01	-1.71E-02	0.00E+00
7.60E-01	6.80E+01	9.55E-01	-7.32E-03	0.00E+00
7.80E-01	6.72E+01	8.63E-01	1.22E-02	0.00E+00
8.00E-01	6.72E+01	8.63E-01	4.88E-03	0.00E+00
8.20E-01	6.74E+01	9.09E-01	-1.10E-02	0.00E+00
8.40E-01	6.67E+01	8.79E-01	-2.81E-02	0.00E+00
8.60E-01	6.65E+01	6.95E-01	-2.44E-03	0.00E+00
8.80E-01	6.66E+01	7.72E-01	-1.59E-02	0.00E+00
9.00E-01	6.63E+01	7.41E-01	4.88E-03	0.00E+00
9.20E-01	6.59E+01	6.95E-01	-2.44E-02	0.00E+00
9.40E-01	6.59E+01	7.41E-01	-1.95E-02	0.00E+00
9.60E-01	6.58E+01	8.33E-01	-1.83E-02	0.00E+00
9.80E-01	6.54E+01	6.34E-01	-3.66E-03	0.00E+00
1.00E+00	6.53E+01	8.79E-01	-3.42E-02	0.00E+00
1.02E+00	6.52E+01	8.33E-01	-1.22E-02	0.00E+00
1.04E+00	6.49E+01	7.26E-01	-1.10E-02	0.00E+00
1.06E+00	6.49E+01	9.09E-01	-1.71E-02	0.00E+00
1.08E+00	6.47E+01	8.18E-01	-1.95E-02	0.00E+00
1.10E+00	6.43E+01	7.56E-01	2.44E-03	0.00E+00
1.12E+00	6.43E+01	1.12E+00	0.00E+00	0.00E+00
1.14E+00	6.40E+01	6.95E-01	-1.46E-02	0.00E+00
1.16E+00	6.38E+01	5.12E-01	-9.77E-03	0.00E+00
1.18E+00	6.37E+01	5.12E-01	-1.95E-02	0.00E+00
1.20E+00	6.37E+01	7.10E-01	-1.59E-02	0.00E+00
1.22E+00	6.32E+01	1.15E+00	-1.34E-02	0.00E+00
1.24E+00	6.31E+01	4.81E-01	-1.95E-02	0.00E+00
1.26E+00	6.30E+01	8.18E-01	-1.46E-02	0.00E+00
1.28E+00	6.25E+01	1.02E+00	-1.95E-02	0.00E+00
1.30E+00	6.25E+01	6.95E-01	-1.46E-02	0.00E+00
1.32E+00	6.26E+01	1.11E+00	-9.77E-03	0.00E+00
1.34E+00	6.19E+01	6.95E-01	-2.08E-02	0.00E+00
1.36E+00	6.20E+01	7.26E-01	-7.32E-03	0.00E+00
1.38E+00	6.19E+01	9.09E-01	-1.83E-02	0.00E+00
1.40E+00	6.14E+01	7.87E-01	-1.10E-02	0.00E+00
1.42E+00	6.14E+01	8.94E-01	-4.88E-03	0.00E+00
1.44E+00	6.14E+01	8.18E-01	-1.83E-02	0.00E+00
1.46E+00	6.08E+01	8.79E-01	-2.32E-02	0.00E+00
1.48E+00	6.06E+01	6.95E-01	-2.44E-03	0.00E+00

1.50E+00	6.09E+01	7.56E-01	-8.54E-03	0.00E+00
1.52E+00	6.02E+01	8.18E-01	-2.44E-03	0.00E+00
1.54E+00	6.02E+01	6.03E-01	-2.93E-02	0.00E+00
1.56E+00	6.03E+01	8.79E-01	-1.10E-02	0.00E+00
1.58E+00	5.96E+01	7.56E-01	-1.46E-02	0.00E+00
1.60E+00	5.96E+01	7.10E-01	-2.44E-03	0.00E+00
1.62E+00	5.95E+01	6.95E-01	0.00E+00	0.00E+00
1.64E+00	5.89E+01	7.26E-01	-1.95E-02	0.00E+00
1.66E+00	5.90E+01	7.56E-01	-4.88E-03	0.00E+00
1.68E+00	5.90E+01	6.65E-01	-2.20E-02	0.00E+00
1.70E+00	5.85E+01	8.48E-01	-1.46E-02	0.00E+00
1.72E+00	5.85E+01	7.26E-01	-1.95E-02	0.00E+00
1.74E+00	5.83E+01	6.95E-01	-1.46E-02	0.00E+00
1.76E+00	5.80E+01	7.26E-01	-1.46E-02	0.00E+00
1.78E+00	5.78E+01	5.88E-01	-2.44E-02	0.00E+00
1.80E+00	5.79E+01	9.70E-01	-1.46E-02	0.00E+00
1.82E+00	5.74E+01	9.40E-01	-6.10E-03	0.00E+00
1.84E+00	5.73E+01	6.03E-01	-2.44E-02	0.00E+00
1.86E+00	5.71E+01	7.26E-01	-4.88E-03	0.00E+00
1.88E+00	5.67E+01	7.56E-01	-1.59E-02	0.00E+00
1.90E+00	5.67E+01	6.34E-01	-1.59E-02	0.00E+00
1.92E+00	5.65E+01	6.80E-01	-2.44E-03	0.00E+00
1.94E+00	5.61E+01	5.12E-01	-2.20E-02	0.00E+00
1.96E+00	5.61E+01	6.95E-01	-1.95E-02	0.00E+00
1.98E+00	5.56E+01	9.09E-01	-1.22E-02	0.00E+00
2.00E+00	5.55E+01	8.18E-01	-1.95E-02	0.00E+00
2.02E+00	5.56E+01	8.18E-01	-6.10E-03	0.00E+00
2.04E+00	5.50E+01	7.87E-01	-1.95E-02	0.00E+00
2.06E+00	5.50E+01	7.72E-01	-1.22E-02	0.00E+00
2.08E+00	5.47E+01	7.56E-01	9.77E-03	0.00E+00
2.10E+00	5.45E+01	6.65E-01	-1.46E-02	0.00E+00
2.12E+00	5.43E+01	7.87E-01	-1.22E-03	0.00E+00
2.14E+00	5.38E+01	7.56E-01	-2.44E-03	0.00E+00
2.16E+00	5.38E+01	9.09E-01	-2.08E-02	0.00E+00
2.18E+00	5.39E+01	7.72E-01	-1.95E-02	0.00E+00
2.20E+00	5.33E+01	9.09E-01	9.77E-03	0.00E+00
2.22E+00	5.32E+01	9.70E-01	1.22E-03	0.00E+00
2.24E+00	5.27E+01	6.65E-01	0.00E+00	0.00E+00
2.26E+00	5.25E+01	7.56E-01	-2.20E-02	0.00E+00
2.28E+00	5.26E+01	7.41E-01	6.10E-03	0.00E+00
2.30E+00	5.22E+01	8.48E-01	0.00E+00	0.00E+00
2.32E+00	5.19E+01	5.42E-01	-3.66E-02	0.00E+00
2.34E+00	5.21E+01	7.87E-01	-1.71E-02	0.00E+00
2.36E+00	5.14E+01	6.95E-01	-2.93E-02	0.00E+00
2.38E+00	5.13E+01	7.26E-01	-2.20E-02	0.00E+00
2.40E+00	5.12E+01	6.95E-01	-1.95E-02	0.00E+00
2.42E+00	5.08E+01	7.56E-01	-2.44E-02	0.00E+00

2.44E+00	5.09E+01	7.72E-01	-1.22E-02	0.00E+00
2.46E+00	5.06E+01	9.40E-01	-1.71E-02	0.00E+00
2.48E+00	5.03E+01	9.70E-01	-1.46E-02	0.00E+00
2.50E+00	5.03E+01	8.79E-01	-2.56E-02	0.00E+00
2.52E+00	4.96E+01	3.28E-01	-4.03E-02	0.00E+00
2.54E+00	4.97E+01	8.79E-01	-1.22E-02	0.00E+00
2.56E+00	4.94E+01	7.56E-01	-3.42E-02	0.00E+00
2.58E+00	4.91E+01	1.18E+00	-2.20E-02	0.00E+00
2.60E+00	4.91E+01	4.81E-01	-2.32E-02	0.00E+00
2.62E+00	4.85E+01	6.34E-01	-2.44E-02	0.00E+00
2.64E+00	4.86E+01	9.40E-01	-1.22E-02	0.00E+00
2.66E+00	4.85E+01	5.12E-01	-3.05E-02	0.00E+00
2.68E+00	4.80E+01	7.87E-01	-2.08E-02	0.00E+00
2.70E+00	4.80E+01	6.95E-01	-1.71E-02	0.00E+00
2.72E+00	4.77E+01	6.65E-01	-9.77E-03	0.00E+00
2.74E+00	4.75E+01	7.56E-01	-1.46E-02	0.00E+00
2.76E+00	4.74E+01	5.73E-01	-1.95E-02	0.00E+00
2.78E+00	4.69E+01	6.03E-01	-1.46E-02	0.00E+00
2.80E+00	4.68E+01	7.87E-01	-1.95E-02	0.00E+00
2.82E+00	4.66E+01	6.03E-01	-1.46E-02	0.00E+00
2.84E+00	4.63E+01	8.94E-01	-1.22E-02	0.00E+00
2.86E+00	4.62E+01	7.10E-01	-1.71E-02	0.00E+00
2.88E+00	4.58E+01	9.09E-01	-4.88E-03	0.00E+00
2.90E+00	4.56E+01	4.96E-01	-2.20E-02	0.00E+00
2.92E+00	4.55E+01	7.56E-01	1.22E-03	0.00E+00
2.94E+00	4.52E+01	7.41E-01	-1.46E-02	0.00E+00
2.96E+00	4.51E+01	8.94E-01	-2.44E-02	0.00E+00
2.98E+00	4.48E+01	8.79E-01	-4.88E-03	0.00E+00
3.00E+00	4.45E+01	7.87E-01	-7.32E-03	0.00E+00
3.02E+00	4.39E+01	9.70E-01	-2.20E-02	0.00E+00
3.04E+00	4.41E+01	7.87E-01	-1.46E-02	0.00E+00
3.06E+00	4.37E+01	9.09E-01	-9.77E-03	0.00E+00
3.08E+00	4.36E+01	9.40E-01	-1.59E-02	0.00E+00
3.10E+00	4.32E+01	7.56E-01	-1.71E-02	0.00E+00
3.12E+00	4.29E+01	8.63E-01	-1.71E-02	0.00E+00
3.14E+00	4.28E+01	6.49E-01	-2.93E-02	0.00E+00
3.16E+00	4.23E+01	6.95E-01	-2.93E-02	0.00E+00
3.18E+00	4.21E+01	7.87E-01	-1.71E-02	0.00E+00
3.20E+00	4.19E+01	7.87E-01	8.54E-03	0.00E+00
3.22E+00	4.17E+01	9.09E-01	-7.32E-03	0.00E+00
3.24E+00	4.17E+01	7.56E-01	-1.83E-02	0.00E+00
3.26E+00	4.11E+01	8.18E-01	-3.66E-03	0.00E+00
3.28E+00	4.11E+01	8.18E-01	-3.66E-03	0.00E+00
3.30E+00	4.08E+01	6.49E-01	-1.95E-02	0.00E+00
3.32E+00	4.06E+01	5.73E-01	-7.32E-03	0.00E+00
3.34E+00	4.04E+01	9.40E-01	-1.83E-02	0.00E+00
3.36E+00	4.00E+01	8.94E-01	-3.66E-03	0.00E+00

3.38E+00	3.99E+01	6.34E-01	-9.77E-03	0.00E+00
3.40E+00	3.96E+01	8.18E-01	-9.77E-03	0.00E+00
3.42E+00	3.94E+01	8.79E-01	-9.77E-03	0.00E+00
3.44E+00	3.93E+01	9.70E-01	-1.22E-02	0.00E+00
3.46E+00	3.89E+01	9.40E-01	-2.44E-03	0.00E+00
3.48E+00	3.88E+01	8.63E-01	-7.32E-03	0.00E+00
3.50E+00	3.85E+01	8.18E-01	-1.46E-02	0.00E+00
3.52E+00	3.83E+01	6.49E-01	-1.22E-03	0.00E+00
3.54E+00	3.82E+01	9.25E-01	-1.95E-02	0.00E+00
3.56E+00	3.79E+01	8.48E-01	-1.22E-02	0.00E+00
3.58E+00	3.77E+01	5.58E-01	-1.71E-02	0.00E+00
3.60E+00	3.76E+01	8.48E-01	-1.22E-02	0.00E+00
3.62E+00	3.72E+01	7.26E-01	-1.71E-02	0.00E+00
3.64E+00	3.70E+01	7.56E-01	-2.93E-02	0.00E+00
3.66E+00	3.70E+01	8.48E-01	-1.71E-02	0.00E+00
3.68E+00	3.65E+01	5.88E-01	-1.71E-02	0.00E+00
3.70E+00	3.62E+01	7.87E-01	-1.46E-02	0.00E+00
3.72E+00	3.61E+01	6.95E-01	-2.69E-02	0.00E+00
3.74E+00	3.58E+01	7.41E-01	0.00E+00	0.00E+00
3.76E+00	3.58E+01	7.41E-01	-4.88E-03	0.00E+00
3.78E+00	3.54E+01	6.34E-01	-2.44E-02	0.00E+00
3.80E+00	3.53E+01	8.18E-01	-2.08E-02	0.00E+00
3.82E+00	3.51E+01	8.02E-01	-2.20E-02	0.00E+00
3.84E+00	3.50E+01	5.73E-01	-1.46E-02	0.00E+00
3.86E+00	3.47E+01	7.26E-01	-9.77E-03	0.00E+00
3.88E+00	3.45E+01	5.42E-01	-5.37E-02	0.00E+00
3.90E+00	3.44E+01	7.87E-01	-8.54E-03	0.00E+00
3.92E+00	3.39E+01	7.56E-01	-2.44E-02	0.00E+00
3.94E+00	3.39E+01	5.73E-01	-1.59E-02	0.00E+00
3.96E+00	3.34E+01	6.03E-01	-2.44E-02	0.00E+00
3.98E+00	3.34E+01	6.34E-01	-3.05E-02	0.00E+00
4.00E+00	3.32E+01	7.72E-01	-4.88E-03	0.00E+00
4.02E+00	3.28E+01	4.51E-01	-3.54E-02	0.00E+00
4.04E+00	3.28E+01	7.26E-01	-2.69E-02	0.00E+00
4.06E+00	3.23E+01	7.87E-01	-1.22E-02	0.00E+00
4.08E+00	3.22E+01	7.10E-01	-1.71E-02	0.00E+00
4.10E+00	3.18E+01	8.48E-01	-1.34E-02	0.00E+00
4.12E+00	3.17E+01	4.20E-01	-2.20E-02	0.00E+00
4.14E+00	3.17E+01	7.26E-01	-1.10E-02	0.00E+00
4.16E+00	3.11E+01	7.56E-01	-2.44E-02	0.00E+00
4.18E+00	3.11E+01	6.03E-01	-2.69E-02	0.00E+00
4.20E+00	3.09E+01	6.65E-01	-1.71E-02	0.00E+00
4.22E+00	3.05E+01	6.34E-01	-2.93E-02	0.00E+00
4.24E+00	3.06E+01	6.65E-01	-1.71E-02	0.00E+00
4.26E+00	3.00E+01	7.10E-01	-4.64E-02	0.00E+00
4.28E+00	2.98E+01	8.48E-01	-1.22E-02	0.00E+00
4.30E+00	2.99E+01	6.65E-01	-5.00E-02	0.00E+00

4.32E+00	2.95E+01	6.95E-01	4.88E-03	0.00E+00
4.34E+00	2.95E+01	7.10E-01	-9.77E-03	0.00E+00
4.36E+00	2.91E+01	8.48E-01	-3.66E-02	0.00E+00
4.38E+00	2.90E+01	1.00E+00	-2.69E-02	0.00E+00
4.40E+00	2.87E+01	6.80E-01	-2.44E-03	0.00E+00
4.42E+00	2.85E+01	6.65E-01	-2.44E-03	0.00E+00
4.44E+00	2.84E+01	9.09E-01	-2.44E-03	0.00E+00
4.46E+00	2.83E+01	9.25E-01	-9.77E-03	0.00E+00
4.48E+00	2.77E+01	7.26E-01	0.00E+00	0.00E+00
4.50E+00	2.76E+01	8.63E-01	-2.69E-02	0.00E+00
4.52E+00	2.75E+01	8.79E-01	-2.44E-03	0.00E+00
4.54E+00	2.72E+01	8.18E-01	-8.54E-03	0.00E+00
4.56E+00	2.68E+01	6.03E-01	-1.22E-02	0.00E+00
4.58E+00	2.66E+01	1.15E+00	3.66E-03	0.00E+00
4.60E+00	2.62E+01	6.95E-01	-1.22E-02	0.00E+00
4.62E+00	2.61E+01	1.25E+00	-8.54E-03	0.00E+00
4.64E+00	2.61E+01	8.79E-01	-7.32E-03	0.00E+00
4.66E+00	2.57E+01	7.10E-01	-1.95E-02	0.00E+00
4.68E+00	2.55E+01	1.00E+00	-7.32E-03	0.00E+00
4.70E+00	2.53E+01	8.79E-01	-1.71E-02	0.00E+00
4.72E+00	2.52E+01	1.03E+00	-1.10E-02	0.00E+00
4.74E+00	2.49E+01	7.87E-01	-4.88E-03	0.00E+00
4.76E+00	2.48E+01	5.27E-01	-1.83E-02	0.00E+00
4.78E+00	2.48E+01	6.95E-01	-7.32E-03	0.00E+00
4.80E+00	2.45E+01	9.40E-01	-1.71E-02	0.00E+00
4.82E+00	2.42E+01	6.95E-01	-1.46E-02	0.00E+00
4.84E+00	2.43E+01	9.25E-01	-1.34E-02	0.00E+00
4.86E+00	2.39E+01	6.34E-01	-1.95E-02	0.00E+00
4.88E+00	2.36E+01	7.26E-01	-1.22E-02	0.00E+00
4.90E+00	2.36E+01	7.26E-01	-1.71E-02	0.00E+00
4.92E+00	2.36E+01	8.48E-01	-2.69E-02	0.00E+00
4.94E+00	2.30E+01	7.26E-01	-3.42E-02	0.00E+00
4.96E+00	2.29E+01	7.26E-01	-1.95E-02	0.00E+00
4.98E+00	2.31E+01	9.09E-01	-7.32E-03	0.00E+00
5.00E+00	2.24E+01	5.73E-01	-2.69E-02	0.00E+00
5.02E+00	2.25E+01	8.48E-01	-1.46E-02	0.00E+00
5.04E+00	2.25E+01	8.02E-01	4.88E-03	0.00E+00
5.06E+00	2.22E+01	7.87E-01	-1.71E-02	0.00E+00
5.08E+00	2.19E+01	8.79E-01	-2.20E-02	0.00E+00
5.10E+00	2.19E+01	7.26E-01	-2.93E-02	0.00E+00
5.12E+00	2.19E+01	1.03E+00	-4.88E-03	0.00E+00
5.14E+00	2.12E+01	6.80E-01	1.22E-03	0.00E+00
5.16E+00	2.13E+01	6.95E-01	-9.77E-03	0.00E+00
5.18E+00	2.11E+01	9.86E-01	7.32E-03	0.00E+00
5.20E+00	2.07E+01	8.18E-01	-1.46E-02	0.00E+00
5.22E+00	2.08E+01	8.94E-01	-2.20E-02	0.00E+00
5.24E+00	2.05E+01	6.19E-01	-2.56E-02	0.00E+00

5.26E+00	2.01E+01	4.81E-01	-4.88E-03	0.00E+00
5.28E+00	1.99E+01	8.33E-01	-2.32E-02	0.00E+00
5.30E+00	2.00E+01	9.55E-01	0.00E+00	0.00E+00
5.32E+00	1.96E+01	7.56E-01	-2.56E-02	0.00E+00
5.34E+00	1.94E+01	6.65E-01	-3.05E-02	0.00E+00
5.36E+00	1.92E+01	6.34E-01	-2.20E-02	0.00E+00
5.38E+00	1.89E+01	6.03E-01	-2.44E-02	0.00E+00
5.40E+00	1.89E+01	6.65E-01	-1.46E-02	0.00E+00
5.42E+00	1.86E+01	7.72E-01	-3.05E-02	0.00E+00
5.44E+00	1.85E+01	7.26E-01	-1.46E-02	0.00E+00
5.46E+00	1.84E+01	7.56E-01	-1.95E-02	0.00E+00
5.48E+00	1.84E+01	8.48E-01	-2.20E-02	0.00E+00
5.50E+00	1.82E+01	8.02E-01	-1.34E-02	0.00E+00
5.52E+00	1.78E+01	7.87E-01	-2.69E-02	0.00E+00
5.54E+00	1.79E+01	7.26E-01	-4.03E-02	0.00E+00
5.56E+00	1.76E+01	8.94E-01	-3.17E-02	0.00E+00
5.58E+00	1.74E+01	8.33E-01	-1.46E-02	0.00E+00
5.60E+00	1.73E+01	8.18E-01	7.32E-03	0.00E+00
5.62E+00	1.72E+01	6.34E-01	-7.32E-03	0.00E+00
5.64E+00	1.71E+01	8.48E-01	-3.66E-03	0.00E+00
5.66E+00	1.67E+01	8.48E-01	-1.34E-02	0.00E+00
5.68E+00	1.67E+01	8.33E-01	-1.46E-02	0.00E+00
5.70E+00	1.67E+01	8.18E-01	-3.66E-02	0.00E+00
5.72E+00	1.61E+01	7.10E-01	-2.44E-02	0.00E+00
5.74E+00	1.61E+01	1.02E+00	2.44E-02	0.00E+00
5.76E+00	1.61E+01	6.65E-01	-2.08E-02	0.00E+00
5.78E+00	1.58E+01	8.48E-01	-7.32E-03	0.00E+00
5.80E+00	1.55E+01	9.09E-01	-1.71E-02	0.00E+00
5.82E+00	1.55E+01	8.18E-01	-1.46E-02	0.00E+00
5.84E+00	1.56E+01	8.94E-01	-3.66E-03	0.00E+00
5.86E+00	1.50E+01	7.87E-01	-1.22E-02	0.00E+00
5.88E+00	1.50E+01	9.40E-01	-4.88E-03	0.00E+00
5.90E+00	1.49E+01	6.03E-01	-2.20E-02	0.00E+00
5.92E+00	1.45E+01	5.73E-01	-6.10E-03	0.00E+00
5.94E+00	1.43E+01	1.00E+00	-1.22E-02	0.00E+00
5.96E+00	1.43E+01	7.87E-01	-1.46E-02	0.00E+00
5.98E+00	1.41E+01	1.09E+00	-1.10E-02	0.00E+00
6.00E+00	1.37E+01	9.09E-01	-2.20E-02	0.00E+00
6.02E+00	1.38E+01	8.79E-01	-1.46E-02	0.00E+00
6.04E+00	1.34E+01	6.65E-01	-2.56E-02	0.00E+00
6.06E+00	1.32E+01	1.09E+00	-1.71E-02	0.00E+00
6.08E+00	1.31E+01	7.87E-01	-2.44E-02	0.00E+00
6.10E+00	1.31E+01	8.33E-01	-1.46E-02	0.00E+00
6.12E+00	1.26E+01	8.79E-01	-1.46E-02	0.00E+00
6.14E+00	1.25E+01	6.34E-01	-3.17E-02	0.00E+00
6.16E+00	1.26E+01	8.18E-01	-1.10E-02	0.00E+00
6.18E+00	1.23E+01	6.80E-01	-2.69E-02	0.00E+00

6.20E+00	1.19E+01	6.49E-01	-1.59E-02	0.00E+00
6.22E+00	1.20E+01	7.87E-01	-1.83E-02	0.00E+00
6.24E+00	1.24E+01	4.51E-01	-5.62E-02	0.00E+00
6.26E+00	1.30E+01	8.18E-01	-1.46E-02	0.00E+00
6.28E+00	1.37E+01	6.65E-01	-4.76E-02	0.00E+00
6.30E+00	1.42E+01	7.87E-01	-1.46E-02	0.00E+00
6.32E+00	1.41E+01	6.34E-01	-1.95E-02	0.00E+00
6.34E+00	1.45E+01	6.95E-01	-1.46E-02	0.00E+00
6.36E+00	1.51E+01	7.26E-01	-2.32E-02	0.00E+00
6.38E+00	1.59E+01	7.56E-01	-3.78E-02	0.00E+00
6.40E+00	1.64E+01	7.56E-01	-2.69E-02	0.00E+00
6.42E+00	1.66E+01	7.87E-01	-4.64E-02	0.00E+00
6.44E+00	1.65E+01	6.80E-01	-1.22E-03	0.00E+00
6.46E+00	1.66E+01	8.79E-01	-1.46E-02	0.00E+00
6.48E+00	1.66E+01	6.49E-01	-1.95E-02	0.00E+00
6.50E+00	1.67E+01	6.34E-01	-1.83E-02	0.00E+00
6.52E+00	1.67E+01	7.26E-01	-3.42E-02	0.00E+00
6.54E+00	1.64E+01	6.65E-01	-1.22E-02	0.00E+00
6.56E+00	1.64E+01	1.00E+00	-1.10E-02	0.00E+00
6.58E+00	1.54E+01	6.95E-01	-1.95E-02	0.00E+00
6.60E+00	1.53E+01	5.12E-01	-1.59E-02	0.00E+00
6.62E+00	1.49E+01	6.49E-01	-2.69E-02	0.00E+00
6.64E+00	1.51E+01	8.79E-01	-1.71E-02	0.00E+00
6.66E+00	1.50E+01	1.06E+00	-2.93E-02	0.00E+00
6.68E+00	1.47E+01	8.79E-01	-6.10E-03	0.00E+00
6.70E+00	1.50E+01	9.40E-01	-8.54E-03	0.00E+00
6.72E+00	1.46E+01	9.86E-01	-2.44E-02	0.00E+00
6.74E+00	1.51E+01	1.22E+00	-4.88E-03	0.00E+00
6.76E+00	1.56E+01	7.56E-01	-1.95E-02	0.00E+00
6.78E+00	1.56E+01	9.70E-01	-4.88E-03	0.00E+00
6.80E+00	1.61E+01	8.48E-01	-9.77E-03	0.00E+00
6.82E+00	1.62E+01	1.09E+00	-1.22E-02	0.00E+00
6.84E+00	1.64E+01	7.56E-01	-9.77E-03	0.00E+00
6.86E+00	1.67E+01	9.09E-01	-1.83E-02	0.00E+00
6.88E+00	1.73E+01	7.26E-01	-1.46E-02	0.00E+00
6.90E+00	1.72E+01	7.26E-01	-1.83E-02	0.00E+00
6.92E+00	1.73E+01	5.88E-01	-1.34E-02	0.00E+00
6.94E+00	1.66E+01	6.80E-01	-2.69E-02	0.00E+00
6.96E+00	1.67E+01	5.73E-01	-1.95E-02	0.00E+00
6.98E+00	1.66E+01	6.95E-01	-2.32E-02	0.00E+00
7.00E+00	1.66E+01	7.87E-01	-2.20E-02	0.00E+00
7.02E+00	1.67E+01	9.09E-01	-1.22E-02	0.00E+00
7.04E+00	1.62E+01	5.73E-01	-4.64E-02	0.00E+00
7.06E+00	1.57E+01	7.56E-01	-1.71E-02	0.00E+00
7.08E+00	1.55E+01	6.65E-01	-2.69E-02	0.00E+00
7.10E+00	1.55E+01	6.80E-01	-2.93E-02	0.00E+00
7.12E+00	1.61E+01	6.95E-01	-2.20E-02	0.00E+00

7.14E+00	1.61E+01	8.79E-01	2.44E-03	0.00E+00
7.16E+00	1.61E+01	7.26E-01	-4.39E-02	0.00E+00
7.18E+00	1.62E+01	8.02E-01	-1.95E-02	0.00E+00
7.20E+00	1.62E+01	8.94E-01	-2.20E-02	0.00E+00
7.22E+00	1.66E+01	6.65E-01	-7.32E-03	0.00E+00
7.24E+00	1.70E+01	9.09E-01	-7.32E-03	0.00E+00
7.26E+00	1.73E+01	8.18E-01	-2.69E-02	0.00E+00
7.28E+00	1.72E+01	7.87E-01	-2.32E-02	0.00E+00
7.30E+00	1.74E+01	8.02E-01	-2.44E-02	0.00E+00
7.32E+00	1.73E+01	7.87E-01	-1.46E-02	0.00E+00
7.34E+00	1.76E+01	7.87E-01	2.44E-03	0.00E+00
7.36E+00	1.78E+01	7.87E-01	4.88E-03	0.00E+00
7.38E+00	1.79E+01	8.18E-01	-9.77E-03	0.00E+00
7.40E+00	1.73E+01	7.26E-01	-1.22E-02	0.00E+00
7.42E+00	1.73E+01	7.26E-01	-1.95E-02	0.00E+00
7.44E+00	1.74E+01	8.18E-01	-2.44E-02	0.00E+00
7.46E+00	1.72E+01	6.95E-01	-1.22E-03	0.00E+00
7.48E+00	1.74E+01	7.87E-01	-9.77E-03	0.00E+00
7.50E+00	1.70E+01	6.65E-01	-3.54E-02	0.00E+00
7.52E+00	1.67E+01	7.87E-01	-1.46E-02	0.00E+00
7.54E+00	1.66E+01	6.34E-01	-3.17E-02	0.00E+00
7.56E+00	1.67E+01	7.41E-01	-9.77E-03	0.00E+00
7.58E+00	1.70E+01	6.49E-01	-1.22E-02	0.00E+00
7.60E+00	1.73E+01	8.18E-01	-1.71E-02	0.00E+00
7.62E+00	1.72E+01	6.34E-01	-2.56E-02	0.00E+00
7.64E+00	1.72E+01	7.26E-01	-9.77E-03	0.00E+00
7.66E+00	1.73E+01	1.02E+00	-3.66E-03	0.00E+00
7.68E+00	1.76E+01	6.95E-01	-1.46E-02	0.00E+00
7.70E+00	1.79E+01	7.87E-01	-9.77E-03	0.00E+00
7.72E+00	1.80E+01	4.05E-01	-1.22E-02	0.00E+00
7.74E+00	1.84E+01	8.79E-01	-6.10E-03	0.00E+00
7.76E+00	1.84E+01	6.95E-01	-1.22E-02	0.00E+00
7.78E+00	1.78E+01	8.79E-01	-3.66E-03	0.00E+00
7.80E+00	1.79E+01	8.48E-01	-9.77E-03	0.00E+00
7.82E+00	1.83E+01	7.72E-01	-1.34E-02	0.00E+00
7.84E+00	1.82E+01	6.34E-01	-7.32E-03	0.00E+00
7.86E+00	1.78E+01	4.35E-01	-1.46E-02	0.00E+00
7.88E+00	1.79E+01	8.79E-01	-1.22E-02	0.00E+00
7.90E+00	1.78E+01	7.26E-01	-1.34E-02	0.00E+00
7.92E+00	1.76E+01	7.26E-01	-1.34E-02	0.00E+00
7.94E+00	1.74E+01	8.79E-01	-1.22E-02	0.00E+00
7.96E+00	1.72E+01	6.65E-01	-2.08E-02	0.00E+00
7.98E+00	1.74E+01	6.95E-01	-1.10E-02	0.00E+00
8.00E+00	1.73E+01	9.09E-01	2.44E-03	0.00E+00
8.02E+00	1.71E+01	5.73E-01	0.00E+00	0.00E+00
8.04E+00	1.73E+01	7.72E-01	-1.22E-02	0.00E+00
8.06E+00	1.72E+01	6.65E-01	-3.17E-02	0.00E+00

8.08E+00	1.72E+01	8.48E-01	-1.59E-02	0.00E+00
8.10E+00	1.71E+01	4.96E-01	-1.22E-02	0.00E+00
8.12E+00	1.71E+01	8.18E-01	-6.10E-03	0.00E+00
8.14E+00	1.72E+01	6.34E-01	-3.30E-02	0.00E+00
8.16E+00	1.73E+01	5.73E-01	-2.20E-02	0.00E+00
8.18E+00	1.73E+01	8.02E-01	-1.95E-02	0.00E+00
8.20E+00	1.72E+01	6.80E-01	-2.93E-02	0.00E+00
8.22E+00	1.73E+01	7.41E-01	-2.44E-02	0.00E+00
8.24E+00	1.73E+01	7.41E-01	-3.05E-02	0.00E+00
8.26E+00	1.73E+01	7.26E-01	-2.93E-02	0.00E+00
8.28E+00	1.70E+01	8.18E-01	-2.20E-02	0.00E+00
8.30E+00	1.67E+01	6.95E-01	-3.42E-02	0.00E+00
8.32E+00	1.67E+01	1.02E+00	-1.71E-02	0.00E+00
8.34E+00	1.67E+01	9.40E-01	-3.05E-02	0.00E+00
8.36E+00	1.66E+01	7.56E-01	-1.71E-02	0.00E+00
8.38E+00	1.66E+01	1.05E+00	-1.71E-02	0.00E+00
8.40E+00	1.65E+01	8.48E-01	-1.83E-02	0.00E+00
8.42E+00	1.66E+01	7.26E-01	-1.46E-02	0.00E+00
8.44E+00	1.66E+01	6.65E-01	-2.93E-02	0.00E+00
8.46E+00	1.66E+01	9.09E-01	-8.54E-03	0.00E+00
8.48E+00	1.66E+01	5.73E-01	-1.83E-02	0.00E+00
8.50E+00	1.67E+01	7.41E-01	-1.34E-02	0.00E+00
8.52E+00	1.70E+01	9.70E-01	-1.34E-02	0.00E+00
8.54E+00	1.72E+01	4.81E-01	-2.20E-02	0.00E+00
8.56E+00	1.74E+01	9.55E-01	2.44E-03	0.00E+00
8.58E+00	1.78E+01	5.73E-01	-2.08E-02	0.00E+00
8.60E+00	1.79E+01	8.33E-01	-1.22E-02	0.00E+00
8.62E+00	1.81E+01	8.33E-01	-1.71E-02	0.00E+00
8.64E+00	1.84E+01	5.73E-01	-1.95E-02	0.00E+00
8.66E+00	1.85E+01	9.09E-01	-7.32E-03	0.00E+00
8.68E+00	1.89E+01	8.02E-01	-2.20E-02	0.00E+00
8.70E+00	1.92E+01	1.00E+00	1.95E-02	0.00E+00
8.72E+00	1.89E+01	7.41E-01	-1.59E-02	0.00E+00
8.74E+00	1.90E+01	8.79E-01	-2.93E-02	0.00E+00
8.76E+00	1.95E+01	8.79E-01	-2.32E-02	0.00E+00
8.78E+00	1.97E+01	7.87E-01	-1.46E-02	0.00E+00
8.80E+00	1.96E+01	8.02E-01	1.22E-03	0.00E+00
8.82E+00	1.94E+01	7.26E-01	-1.95E-02	0.00E+00
8.84E+00	1.96E+01	8.79E-01	-4.88E-03	0.00E+00
8.86E+00	1.97E+01	7.87E-01	-2.44E-02	0.00E+00
8.88E+00	2.02E+01	7.26E-01	-4.15E-02	0.00E+00
8.90E+00	2.04E+01	8.18E-01	-2.44E-02	0.00E+00
8.92E+00	2.01E+01	7.41E-01	-2.32E-02	0.00E+00
8.94E+00	2.08E+01	8.48E-01	-1.95E-02	0.00E+00
8.96E+00	2.07E+01	7.87E-01	-2.44E-02	0.00E+00
8.98E+00	2.10E+01	7.26E-01	-1.22E-02	0.00E+00
9.00E+00	2.14E+01	9.09E-01	-9.77E-03	0.00E+00

9.02E+00	2.15E+01	8.48E-01	-1.59E-02	0.00E+00
9.04E+00	2.20E+01	8.18E-01	-4.88E-03	0.00E+00
9.06E+00	2.19E+01	4.96E-01	-1.34E-02	0.00E+00
9.08E+00	2.19E+01	5.73E-01	-1.59E-02	0.00E+00
9.10E+00	2.25E+01	8.48E-01	-1.59E-02	0.00E+00
9.12E+00	2.25E+01	1.08E+00	-1.34E-02	0.00E+00
9.14E+00	2.25E+01	8.18E-01	-9.77E-03	0.00E+00
9.16E+00	2.25E+01	8.48E-01	-1.46E-02	0.00E+00
9.18E+00	2.25E+01	8.02E-01	-2.20E-02	0.00E+00
9.20E+00	2.29E+01	9.40E-01	-2.44E-03	0.00E+00
9.22E+00	2.30E+01	6.19E-01	-1.46E-02	0.00E+00
9.24E+00	2.31E+01	7.72E-01	-3.66E-03	0.00E+00
9.26E+00	2.31E+01	9.55E-01	-4.88E-03	0.00E+00
9.28E+00	2.31E+01	4.81E-01	-1.59E-02	0.00E+00
9.30E+00	2.37E+01	1.00E+00	-4.88E-03	0.00E+00
9.32E+00	2.36E+01	7.87E-01	-1.34E-02	0.00E+00
9.34E+00	2.37E+01	8.48E-01	-6.10E-03	0.00E+00
9.36E+00	2.42E+01	6.95E-01	-1.71E-02	0.00E+00
9.38E+00	2.42E+01	1.00E+00	-9.77E-03	0.00E+00
9.40E+00	2.42E+01	6.65E-01	-2.20E-02	0.00E+00
9.42E+00	2.45E+01	7.87E-01	-3.91E-02	0.00E+00
9.44E+00	2.50E+01	8.48E-01	9.77E-03	0.00E+00
9.46E+00	2.47E+01	5.42E-01	-2.69E-02	0.00E+00
9.48E+00	2.53E+01	6.80E-01	-1.71E-02	0.00E+00
9.50E+00	2.55E+01	7.26E-01	2.44E-03	0.00E+00
9.52E+00	2.54E+01	8.33E-01	-1.95E-02	0.00E+00
9.54E+00	2.54E+01	7.41E-01	-5.13E-02	0.00E+00
9.56E+00	2.57E+01	6.34E-01	-2.44E-02	0.00E+00
9.58E+00	2.60E+01	8.02E-01	-1.34E-02	0.00E+00
9.60E+00	2.59E+01	5.58E-01	-4.03E-02	0.00E+00
9.62E+00	2.60E+01	7.87E-01	0.00E+00	0.00E+00
9.64E+00	2.59E+01	6.49E-01	-2.20E-02	0.00E+00
9.66E+00	2.63E+01	6.65E-01	-2.81E-02	0.00E+00
9.68E+00	2.65E+01	7.26E-01	-1.46E-02	0.00E+00
9.70E+00	2.65E+01	7.72E-01	-1.46E-02	0.00E+00
9.72E+00	2.72E+01	6.95E-01	-1.10E-02	0.00E+00
9.74E+00	2.71E+01	6.95E-01	-3.17E-02	0.00E+00
9.76E+00	2.72E+01	9.55E-01	-9.77E-03	0.00E+00
9.78E+00	2.78E+01	8.94E-01	-2.44E-02	0.00E+00
9.80E+00	2.77E+01	6.03E-01	-1.22E-02	0.00E+00
9.82E+00	2.84E+01	1.14E+00	-1.71E-02	0.00E+00
9.84E+00	2.82E+01	1.48E+01	-1.83E-02	0.00E+00
9.86E+00	2.83E+01	2.30E+01	-6.10E-03	0.00E+00
9.88E+00	2.82E+01	2.34E+01	-9.77E-03	0.00E+00
9.90E+00	2.84E+01	1.64E+01	-1.22E-02	0.00E+00
9.92E+00	2.88E+01	5.83E+00	-2.69E-02	0.00E+00
9.94E+00	2.89E+01	1.46E+00	-9.77E-03	0.00E+00

9.96E+00	2.88E+01	2.65E+00	-2.44E-02	0.00E+00
9.98E+00	2.88E+01	1.08E+01	-1.46E-02	0.00E+00
1.00E+01	2.89E+01	2.51E+01	-2.44E-02	0.00E+00
1.00E+01	2.93E+01	3.74E+01	-2.20E-02	0.00E+00
1.00E+01	2.95E+01	4.37E+01	-1.71E-02	0.00E+00
1.01E+01	2.93E+01	3.79E+01	-2.44E-02	0.00E+00
1.01E+01	2.94E+01	2.83E+01	-1.83E-02	0.00E+00
1.01E+01	2.94E+01	2.32E+01	-2.44E-02	0.00E+00
1.01E+01	2.96E+01	2.44E+01	-1.34E-02	0.00E+00
1.01E+01	2.95E+01	3.44E+01	-2.44E-02	0.00E+00
1.02E+01	3.00E+01	4.66E+01	-4.52E-02	0.00E+00
1.02E+01	2.99E+01	5.41E+01	-1.71E-02	0.00E+00
1.02E+01	3.00E+01	5.47E+01	-4.15E-02	0.00E+00
1.02E+01	3.02E+01	4.86E+01	-1.59E-02	0.00E+00
1.02E+01	3.00E+01	4.19E+01	-3.66E-02	0.00E+00
1.03E+01	3.01E+01	3.90E+01	-8.54E-03	0.00E+00
1.03E+01	3.00E+01	4.05E+01	-7.32E-03	0.00E+00
1.03E+01	3.00E+01	4.55E+01	-2.93E-02	0.00E+00
1.03E+01	3.04E+01	5.14E+01	-1.83E-02	0.00E+00
1.03E+01	3.06E+01	5.42E+01	-8.54E-03	0.00E+00
1.04E+01	3.06E+01	5.21E+01	-2.32E-02	0.00E+00
1.04E+01	3.05E+01	4.73E+01	-2.44E-02	0.00E+00
1.04E+01	3.06E+01	4.31E+01	-1.22E-02	0.00E+00
1.04E+01	3.05E+01	4.17E+01	-3.30E-02	0.00E+00
1.04E+01	3.06E+01	4.60E+01	-2.20E-02	0.00E+00
1.05E+01	3.06E+01	5.10E+01	-3.17E-02	0.00E+00
1.05E+01	3.06E+01	5.47E+01	-1.95E-02	0.00E+00
1.05E+01	3.05E+01	5.40E+01	-1.71E-02	0.00E+00
1.05E+01	3.05E+01	5.10E+01	-2.20E-02	0.00E+00
1.05E+01	3.06E+01	4.89E+01	-1.46E-02	0.00E+00
1.06E+01	3.05E+01	5.04E+01	-2.93E-02	0.00E+00
1.06E+01	3.12E+01	5.59E+01	-1.71E-02	0.00E+00
1.06E+01	3.11E+01	6.00E+01	-2.69E-02	0.00E+00
1.06E+01	3.12E+01	6.36E+01	4.88E-03	0.00E+00
1.06E+01	3.13E+01	6.46E+01	-1.95E-02	0.00E+00
1.07E+01	3.14E+01	6.52E+01	-3.91E-02	0.00E+00
1.07E+01	3.19E+01	6.52E+01	-2.69E-02	0.00E+00
1.07E+01	3.16E+01	6.56E+01	-2.20E-02	0.00E+00
1.07E+01	3.18E+01	6.65E+01	-2.44E-02	0.00E+00
1.07E+01	3.19E+01	6.65E+01	-3.05E-02	0.00E+00
1.08E+01	3.18E+01	6.62E+01	-9.77E-03	0.00E+00
1.08E+01	3.19E+01	6.43E+01	-7.32E-03	0.00E+00
1.08E+01	3.17E+01	6.14E+01	-9.77E-03	0.00E+00
1.08E+01	3.18E+01	5.79E+01	-8.54E-03	0.00E+00
1.08E+01	3.13E+01	5.45E+01	-2.44E-02	0.00E+00
1.09E+01	3.12E+01	5.23E+01	-1.46E-02	0.00E+00
1.09E+01	3.13E+01	5.05E+01	-9.77E-03	0.00E+00

1.09E+01	3.12E+01	4.99E+01	-2.20E-02	0.00E+00
1.09E+01	3.12E+01	4.91E+01	-1.46E-02	0.00E+00
1.09E+01	3.11E+01	4.78E+01	-8.54E-03	0.00E+00
1.10E+01	3.12E+01	4.64E+01	-2.44E-03	0.00E+00
1.10E+01	3.11E+01	4.53E+01	-1.46E-02	0.00E+00
1.10E+01	3.09E+01	4.59E+01	-7.32E-03	0.00E+00
1.10E+01	3.06E+01	4.67E+01	-2.69E-02	0.00E+00
1.10E+01	3.06E+01	4.79E+01	-1.10E-02	0.00E+00
1.11E+01	3.05E+01	4.78E+01	-2.69E-02	0.00E+00
1.11E+01	3.06E+01	4.71E+01	-1.95E-02	0.00E+00
1.11E+01	3.06E+01	4.64E+01	-1.95E-02	0.00E+00
1.11E+01	3.06E+01	4.56E+01	-1.71E-02	0.00E+00
1.11E+01	3.06E+01	4.53E+01	-1.95E-02	0.00E+00
1.12E+01	3.06E+01	4.45E+01	-2.44E-02	0.00E+00
1.12E+01	3.06E+01	4.46E+01	-9.77E-03	0.00E+00
1.12E+01	3.06E+01	4.42E+01	-2.20E-02	0.00E+00
1.12E+01	3.07E+01	4.41E+01	-7.32E-03	0.00E+00
1.12E+01	3.06E+01	4.34E+01	-1.95E-02	0.00E+00
1.13E+01	3.06E+01	4.25E+01	-1.10E-02	0.00E+00
1.13E+01	3.07E+01	4.16E+01	0.00E+00	0.00E+00
1.13E+01	3.06E+01	4.03E+01	-1.71E-02	0.00E+00
1.13E+01	3.06E+01	3.94E+01	-8.54E-03	0.00E+00
1.13E+01	3.05E+01	3.75E+01	-1.46E-02	0.00E+00
1.14E+01	3.03E+01	3.58E+01	2.56E-02	0.00E+00
1.14E+01	2.98E+01	3.39E+01	-1.95E-02	0.00E+00
1.14E+01	3.00E+01	3.23E+01	9.77E-03	0.00E+00
1.14E+01	2.99E+01	3.10E+01	-1.71E-02	0.00E+00
1.14E+01	2.99E+01	2.97E+01	-1.22E-02	0.00E+00
1.15E+01	2.99E+01	2.87E+01	-1.71E-02	0.00E+00
1.15E+01	2.98E+01	2.69E+01	-1.83E-02	0.00E+00
1.15E+01	3.01E+01	2.58E+01	-7.32E-03	0.00E+00
1.15E+01	3.01E+01	2.41E+01	-1.59E-02	0.00E+00
1.15E+01	2.98E+01	2.29E+01	-7.32E-03	0.00E+00
1.16E+01	2.95E+01	2.19E+01	-1.34E-02	0.00E+00
1.16E+01	2.94E+01	2.04E+01	-2.44E-02	0.00E+00
1.16E+01	2.95E+01	1.94E+01	-2.20E-02	0.00E+00
1.16E+01	2.94E+01	1.79E+01	-2.20E-02	0.00E+00
1.16E+01	2.95E+01	1.66E+01	-2.56E-02	0.00E+00
1.17E+01	2.94E+01	1.56E+01	-2.69E-02	0.00E+00
1.17E+01	2.94E+01	1.37E+01	-2.69E-02	0.00E+00
1.17E+01	2.94E+01	1.26E+01	-1.71E-02	0.00E+00
1.17E+01	2.93E+01	1.10E+01	-3.42E-02	0.00E+00
1.17E+01	2.92E+01	9.90E+00	-1.95E-02	0.00E+00
1.18E+01	2.89E+01	8.34E+00	-2.69E-02	0.00E+00
1.18E+01	2.88E+01	7.12E+00	-1.71E-02	0.00E+00
1.18E+01	2.89E+01	5.48E+00	-1.71E-02	0.00E+00
1.18E+01	2.89E+01	4.49E+00	-1.10E-02	0.00E+00

1.18E+01	2.89E+01	4.06E+00	-1.95E-02	0.00E+00
1.19E+01	2.88E+01	4.03E+00	-2.08E-02	0.00E+00
1.19E+01	2.90E+01	5.19E+00	-7.32E-03	0.00E+00
1.19E+01	2.88E+01	6.69E+00	-1.71E-02	0.00E+00
1.19E+01	2.89E+01	8.57E+00	-6.10E-03	0.00E+00
1.19E+01	2.88E+01	1.05E+01	-1.46E-02	0.00E+00
1.20E+01	2.89E+01	1.20E+01	-9.77E-03	0.00E+00
1.20E+01	2.92E+01	1.33E+01	1.46E-02	0.00E+00
1.20E+01	2.92E+01	1.46E+01	-1.71E-02	0.00E+00
1.20E+01	2.94E+01	1.64E+01	-1.22E-02	0.00E+00
1.20E+01	2.93E+01	1.88E+01	-7.32E-03	0.00E+00
1.21E+01	2.95E+01	2.19E+01	-4.88E-03	0.00E+00
1.21E+01	2.93E+01	2.45E+01	-2.20E-02	0.00E+00
1.21E+01	2.94E+01	2.74E+01	-1.10E-02	0.00E+00
1.21E+01	2.98E+01	2.90E+01	-1.95E-02	0.00E+00
1.21E+01	3.01E+01	3.06E+01	-2.20E-02	0.00E+00
1.22E+01	2.99E+01	3.20E+01	-2.44E-03	0.00E+00
1.22E+01	2.99E+01	3.37E+01	-3.42E-02	0.00E+00
1.22E+01	3.01E+01	3.60E+01	-4.88E-03	0.00E+00
1.22E+01	3.00E+01	3.83E+01	-1.71E-02	0.00E+00
1.22E+01	3.01E+01	4.09E+01	-1.34E-02	0.00E+00
1.23E+01	3.02E+01	4.20E+01	-1.46E-02	0.00E+00
1.23E+01	3.06E+01	4.27E+01	-1.46E-02	0.00E+00
1.23E+01	3.07E+01	4.39E+01	-9.77E-03	0.00E+00
1.23E+01	3.06E+01	4.46E+01	-1.95E-02	0.00E+00
1.23E+01	3.07E+01	4.60E+01	-1.71E-02	0.00E+00
1.24E+01	3.06E+01	4.71E+01	-1.10E-02	0.00E+00
1.24E+01	3.07E+01	4.78E+01	-4.88E-03	0.00E+00
1.24E+01	3.06E+01	4.77E+01	-1.22E-02	0.00E+00
1.24E+01	3.07E+01	4.71E+01	-7.32E-03	0.00E+00
1.24E+01	3.07E+01	4.66E+01	-1.34E-02	0.00E+00
1.25E+01	3.06E+01	4.59E+01	-7.32E-03	0.00E+00
1.25E+01	3.06E+01	4.64E+01	-1.34E-02	0.00E+00
1.25E+01	3.06E+01	4.67E+01	-2.69E-02	0.00E+00
1.25E+01	3.06E+01	4.74E+01	-8.54E-03	0.00E+00
1.25E+01	3.06E+01	4.75E+01	-1.22E-02	0.00E+00
1.26E+01	3.06E+01	4.73E+01	-1.59E-02	0.00E+00
1.26E+01	3.06E+01	4.71E+01	-1.34E-02	0.00E+00
1.26E+01	3.06E+01	4.66E+01	-2.56E-02	0.00E+00
1.26E+01	3.05E+01	4.72E+01	-1.22E-02	0.00E+00
1.26E+01	3.05E+01	4.80E+01	-4.88E-03	0.00E+00
1.27E+01	3.08E+01	5.00E+01	-3.66E-03	0.00E+00
1.27E+01	3.05E+01	5.10E+01	-1.46E-02	0.00E+00
1.27E+01	3.06E+01	5.14E+01	-3.66E-02	0.00E+00
1.27E+01	3.07E+01	5.09E+01	-3.66E-03	0.00E+00
1.27E+01	3.05E+01	4.96E+01	-1.95E-02	0.00E+00
1.28E+01	3.07E+01	4.92E+01	-2.56E-02	0.00E+00

1.28E+01	3.05E+01	4.95E+01	-1.22E-03	0.00E+00
1.28E+01	3.12E+01	5.15E+01	-1.22E-02	0.00E+00
1.28E+01	3.11E+01	5.42E+01	-2.93E-02	0.00E+00
1.28E+01	3.10E+01	5.70E+01	-3.17E-02	0.00E+00
1.29E+01	3.12E+01	5.92E+01	-1.10E-02	0.00E+00
1.29E+01	3.12E+01	6.06E+01	-2.20E-02	0.00E+00
1.29E+01	3.11E+01	6.11E+01	-2.20E-02	0.00E+00
1.29E+01	3.17E+01	6.21E+01	-2.32E-02	0.00E+00
1.29E+01	3.16E+01	6.32E+01	-2.44E-02	0.00E+00
1.30E+01	3.18E+01	6.46E+01	-9.77E-03	0.00E+00
1.30E+01	3.17E+01	6.62E+01	-3.66E-02	0.00E+00
1.30E+01	3.17E+01	6.82E+01	-2.20E-02	0.00E+00
1.30E+01	3.18E+01	6.96E+01	-2.44E-02	0.00E+00
1.30E+01	3.19E+01	6.99E+01	-2.81E-02	0.00E+00
1.31E+01	3.24E+01	7.11E+01	-1.95E-02	0.00E+00
1.31E+01	3.23E+01	7.21E+01	-3.17E-02	0.00E+00
1.31E+01	3.24E+01	7.33E+01	-1.95E-02	0.00E+00
1.31E+01	3.23E+01	7.43E+01	-2.20E-02	0.00E+00
1.31E+01	3.23E+01	7.53E+01	-2.32E-02	0.00E+00
1.32E+01	3.29E+01	7.65E+01	-1.83E-02	0.00E+00
1.32E+01	3.29E+01	7.77E+01	-2.44E-02	0.00E+00
1.32E+01	3.30E+01	7.87E+01	-9.77E-03	0.00E+00
1.32E+01	3.29E+01	7.96E+01	-1.71E-02	0.00E+00
1.32E+01	3.33E+01	8.04E+01	-7.32E-03	0.00E+00
1.33E+01	3.35E+01	8.13E+01	-2.08E-02	0.00E+00
1.33E+01	3.34E+01	8.28E+01	-2.44E-03	0.00E+00
1.33E+01	3.34E+01	8.36E+01	-1.71E-02	0.00E+00
1.33E+01	3.38E+01	8.47E+01	-7.32E-03	0.00E+00
1.33E+01	3.41E+01	8.57E+01	-8.54E-03	0.00E+00
1.34E+01	3.42E+01	8.68E+01	-2.08E-02	0.00E+00
1.34E+01	3.41E+01	8.79E+01	-7.32E-03	0.00E+00
1.34E+01	3.45E+01	8.86E+01	-1.59E-02	0.00E+00
1.34E+01	3.47E+01	8.93E+01	-1.46E-02	0.00E+00
1.34E+01	3.47E+01	9.03E+01	-9.77E-03	0.00E+00
1.35E+01	3.46E+01	9.09E+01	-2.56E-02	0.00E+00
1.35E+01	3.48E+01	9.15E+01	2.44E-03	0.00E+00
1.35E+01	3.51E+01	9.07E+01	-1.22E-02	0.00E+00
1.35E+01	3.52E+01	8.95E+01	-9.77E-03	0.00E+00
1.35E+01	3.51E+01	8.80E+01	-3.42E-02	0.00E+00
1.36E+01	3.51E+01	8.63E+01	-2.69E-02	0.00E+00
1.36E+01	3.53E+01	8.44E+01	-3.42E-02	0.00E+00
1.36E+01	3.52E+01	8.24E+01	-3.91E-02	0.00E+00
1.36E+01	3.54E+01	8.09E+01	-9.77E-03	0.00E+00
1.36E+01	3.48E+01	7.75E+01	-2.44E-02	0.00E+00
1.37E+01	3.42E+01	6.83E+01	7.32E-03	0.00E+00
1.37E+01	3.40E+01	5.99E+01	-8.54E-03	0.00E+00
1.37E+01	3.33E+01	4.56E+01	-4.39E-02	0.00E+00

1.37E+01	3.35E+01	3.66E+01	-2.93E-02	0.00E+00
1.37E+01	3.34E+01	3.12E+01	-2.44E-02	0.00E+00
1.38E+01	3.35E+01	3.45E+01	-1.10E-02	0.00E+00
1.38E+01	3.35E+01	4.38E+01	-2.93E-02	0.00E+00
1.38E+01	3.34E+01	5.40E+01	-2.44E-02	0.00E+00
1.38E+01	3.35E+01	6.06E+01	-2.08E-02	0.00E+00
1.38E+01	3.35E+01	6.01E+01	-1.83E-02	0.00E+00
1.39E+01	3.35E+01	5.29E+01	-1.95E-02	0.00E+00
1.39E+01	3.35E+01	4.39E+01	-2.32E-02	0.00E+00
1.39E+01	3.36E+01	3.65E+01	-1.46E-02	0.00E+00
1.39E+01	3.34E+01	3.56E+01	-1.71E-02	0.00E+00
1.39E+01	3.35E+01	4.03E+01	-2.08E-02	0.00E+00
1.40E+01	3.35E+01	4.86E+01	-1.46E-02	0.00E+00
1.40E+01	3.35E+01	5.54E+01	-7.32E-03	0.00E+00
1.40E+01	3.38E+01	5.77E+01	-4.88E-03	0.00E+00
1.40E+01	3.41E+01	5.43E+01	-1.46E-02	0.00E+00
1.40E+01	3.38E+01	4.77E+01	-1.22E-02	0.00E+00
1.41E+01	3.35E+01	4.15E+01	-1.46E-02	0.00E+00
1.41E+01	3.35E+01	3.92E+01	-4.88E-03	0.00E+00
1.41E+01	3.34E+01	4.06E+01	-2.08E-02	0.00E+00
1.41E+01	3.35E+01	4.56E+01	-1.59E-02	0.00E+00
1.41E+01	3.35E+01	5.11E+01	-1.34E-02	0.00E+00
1.42E+01	3.39E+01	5.38E+01	-1.83E-02	0.00E+00
1.42E+01	3.35E+01	5.33E+01	-1.46E-02	0.00E+00
1.42E+01	3.34E+01	4.93E+01	-2.93E-02	0.00E+00
1.42E+01	3.34E+01	4.46E+01	-1.46E-02	0.00E+00
1.42E+01	3.34E+01	4.21E+01	-4.39E-02	0.00E+00
1.43E+01	3.37E+01	4.15E+01	-2.69E-02	0.00E+00
1.43E+01	3.34E+01	4.44E+01	-2.69E-02	0.00E+00
1.43E+01	3.34E+01	4.82E+01	-2.81E-02	0.00E+00
1.43E+01	3.35E+01	5.13E+01	4.88E-03	0.00E+00
1.43E+01	3.34E+01	5.19E+01	-2.44E-02	0.00E+00
1.44E+01	3.35E+01	4.96E+01	-4.15E-02	0.00E+00
1.44E+01	3.33E+01	4.66E+01	-4.52E-02	0.00E+00
1.44E+01	3.34E+01	4.36E+01	-1.46E-02	0.00E+00
1.44E+01	3.35E+01	4.28E+01	-1.22E-02	0.00E+00
1.44E+01	3.36E+01	4.45E+01	-4.88E-03	0.00E+00
1.45E+01	3.36E+01	4.73E+01	-1.46E-02	0.00E+00
1.45E+01	3.35E+01	5.01E+01	-3.54E-02	0.00E+00
1.45E+01	3.35E+01	5.10E+01	-1.46E-02	0.00E+00
1.45E+01	3.35E+01	4.98E+01	-2.08E-02	0.00E+00
1.45E+01	3.35E+01	4.72E+01	-1.34E-02	0.00E+00
1.46E+01	3.36E+01	4.49E+01	-4.88E-03	0.00E+00
1.46E+01	3.36E+01	4.41E+01	7.32E-03	0.00E+00
1.46E+01	3.34E+01	4.48E+01	-2.44E-02	0.00E+00
1.46E+01	3.34E+01	4.67E+01	-8.54E-03	0.00E+00
1.46E+01	3.34E+01	4.87E+01	-1.71E-02	0.00E+00

1.47E+01	3.34E+01	4.95E+01	-2.93E-02	0.00E+00
1.47E+01	3.35E+01	4.94E+01	-3.30E-02	0.00E+00
1.47E+01	3.34E+01	4.77E+01	-1.22E-02	0.00E+00
1.47E+01	3.35E+01	4.61E+01	-2.08E-02	0.00E+00
1.47E+01	3.35E+01	4.49E+01	-1.59E-02	0.00E+00
1.48E+01	3.35E+01	4.50E+01	-7.32E-03	0.00E+00
1.48E+01	3.35E+01	4.62E+01	-2.81E-02	0.00E+00
1.48E+01	3.36E+01	4.79E+01	-2.44E-03	0.00E+00
1.48E+01	3.35E+01	4.92E+01	-2.44E-02	0.00E+00
1.48E+01	3.35E+01	4.95E+01	-1.71E-02	0.00E+00
1.49E+01	3.34E+01	4.81E+01	-1.10E-02	0.00E+00
1.49E+01	3.35E+01	4.67E+01	-9.77E-03	0.00E+00
1.49E+01	3.34E+01	4.50E+01	-3.42E-02	0.00E+00
1.49E+01	3.34E+01	4.48E+01	-2.20E-02	0.00E+00
1.49E+01	3.34E+01	4.63E+01	-1.83E-02	0.00E+00
1.50E+01	3.34E+01	4.78E+01	-3.17E-02	0.00E+00
1.50E+01	3.35E+01	4.92E+01	-9.77E-03	0.00E+00
1.50E+01	3.34E+01	4.88E+01	-3.17E-02	0.00E+00
1.50E+01	3.36E+01	4.78E+01	-1.46E-02	0.00E+00
1.50E+01	3.35E+01	4.66E+01	-2.08E-02	0.00E+00
1.51E+01	3.36E+01	4.57E+01	-9.77E-03	0.00E+00
1.51E+01	3.35E+01	4.55E+01	-2.56E-02	0.00E+00
1.51E+01	3.35E+01	4.64E+01	-1.46E-02	0.00E+00
1.51E+01	3.35E+01	4.75E+01	-4.88E-03	0.00E+00
1.51E+01	3.35E+01	4.84E+01	-1.71E-02	0.00E+00
1.52E+01	3.35E+01	4.87E+01	-7.32E-03	0.00E+00
1.52E+01	3.35E+01	4.78E+01	-1.95E-02	0.00E+00
1.52E+01	3.36E+01	4.72E+01	-2.44E-03	0.00E+00
1.52E+01	3.35E+01	4.61E+01	-1.46E-02	0.00E+00
1.52E+01	3.35E+01	4.60E+01	-1.22E-02	0.00E+00
1.53E+01	3.35E+01	4.65E+01	-2.44E-02	0.00E+00
1.53E+01	3.35E+01	4.75E+01	-9.77E-03	0.00E+00
1.53E+01	3.35E+01	4.84E+01	-3.05E-02	0.00E+00
1.53E+01	3.34E+01	4.85E+01	-2.93E-02	0.00E+00
1.53E+01	3.35E+01	4.80E+01	-1.83E-02	0.00E+00
1.54E+01	3.34E+01	4.67E+01	-2.93E-02	0.00E+00
1.54E+01	3.35E+01	4.63E+01	-1.95E-02	0.00E+00
1.54E+01	3.35E+01	4.60E+01	-2.20E-02	0.00E+00
1.54E+01	3.35E+01	4.65E+01	-1.22E-02	0.00E+00
1.54E+01	3.35E+01	4.76E+01	-2.20E-02	0.00E+00
1.55E+01	3.36E+01	4.82E+01	-4.88E-03	0.00E+00
1.55E+01	3.35E+01	4.81E+01	-2.44E-02	0.00E+00
1.55E+01	3.34E+01	4.77E+01	-1.10E-02	0.00E+00
1.55E+01	3.35E+01	4.69E+01	1.95E-02	0.00E+00
1.55E+01	3.33E+01	4.62E+01	-4.88E-03	0.00E+00
1.56E+01	3.34E+01	4.63E+01	-9.77E-03	0.00E+00
1.56E+01	3.35E+01	4.67E+01	-2.44E-02	0.00E+00

1.56E+01	3.34E+01	4.75E+01	7.32E-03	0.00E+00
1.56E+01	3.34E+01	4.79E+01	-2.69E-02	0.00E+00
1.56E+01	3.35E+01	4.79E+01	-7.32E-03	0.00E+00
1.57E+01	3.36E+01	4.74E+01	-3.66E-02	0.00E+00
1.57E+01	3.34E+01	4.69E+01	-1.95E-02	0.00E+00
1.57E+01	3.35E+01	4.64E+01	-1.34E-02	0.00E+00
1.57E+01	3.35E+01	4.63E+01	-7.32E-03	0.00E+00
1.57E+01	3.35E+01	4.68E+01	-9.77E-03	0.00E+00
1.58E+01	3.34E+01	4.73E+01	-2.44E-02	0.00E+00
1.58E+01	3.35E+01	4.78E+01	-3.91E-02	0.00E+00
1.58E+01	3.35E+01	4.77E+01	-1.95E-02	0.00E+00
1.58E+01	3.35E+01	4.76E+01	-1.22E-02	0.00E+00
1.58E+01	3.35E+01	4.69E+01	-1.22E-02	0.00E+00
1.59E+01	3.35E+01	4.64E+01	0.00E+00	0.00E+00
1.59E+01	3.35E+01	4.65E+01	-9.77E-03	0.00E+00
1.59E+01	3.36E+01	4.71E+01	-1.71E-02	0.00E+00
1.59E+01	3.34E+01	4.74E+01	-2.44E-02	0.00E+00
1.59E+01	3.34E+01	4.77E+01	-1.71E-02	0.00E+00
1.60E+01	3.34E+01	4.78E+01	-1.71E-02	0.00E+00
1.60E+01	3.34E+01	4.74E+01	-1.22E-02	0.00E+00
1.60E+01	3.34E+01	4.69E+01	-2.69E-02	0.00E+00
1.60E+01	3.35E+01	4.66E+01	-1.95E-02	0.00E+00
1.60E+01	3.36E+01	4.65E+01	-1.10E-02	0.00E+00
1.61E+01	3.35E+01	4.71E+01	-2.20E-02	0.00E+00
1.61E+01	3.35E+01	4.75E+01	-1.22E-03	0.00E+00
1.61E+01	3.35E+01	4.76E+01	-9.77E-03	0.00E+00
1.61E+01	3.36E+01	4.76E+01	-9.77E-03	0.00E+00
1.61E+01	3.34E+01	4.70E+01	-2.44E-02	0.00E+00
1.62E+01	3.34E+01	4.65E+01	-1.95E-02	0.00E+00
1.62E+01	3.34E+01	4.66E+01	-2.69E-02	0.00E+00
1.62E+01	3.35E+01	4.69E+01	-1.34E-02	0.00E+00
1.62E+01	3.35E+01	4.72E+01	-1.71E-02	0.00E+00
1.62E+01	3.35E+01	4.74E+01	-1.46E-02	0.00E+00
1.63E+01	3.35E+01	4.77E+01	-1.71E-02	0.00E+00
1.63E+01	3.35E+01	4.75E+01	-7.32E-03	0.00E+00
1.63E+01	3.34E+01	4.72E+01	-2.81E-02	0.00E+00
1.63E+01	3.36E+01	4.71E+01	-2.44E-03	0.00E+00
1.63E+01	3.35E+01	4.68E+01	-9.77E-03	0.00E+00
1.64E+01	3.35E+01	4.69E+01	-1.46E-02	0.00E+00
1.64E+01	3.35E+01	4.73E+01	-1.71E-02	0.00E+00
1.64E+01	3.35E+01	4.78E+01	-7.32E-03	0.00E+00
1.64E+01	3.34E+01	4.75E+01	-2.20E-02	0.00E+00
1.64E+01	3.34E+01	4.74E+01	-2.93E-02	0.00E+00
1.65E+01	3.35E+01	4.71E+01	-2.20E-02	0.00E+00
1.65E+01	3.35E+01	4.68E+01	-1.95E-02	0.00E+00
1.65E+01	3.35E+01	4.68E+01	-1.83E-02	0.00E+00
1.65E+01	3.34E+01	4.68E+01	-2.20E-02	0.00E+00

1.65E+01	3.36E+01	4.73E+01	-1.34E-02	0.00E+00
1.66E+01	3.35E+01	4.75E+01	-1.83E-02	0.00E+00
1.66E+01	3.36E+01	4.77E+01	-3.66E-03	0.00E+00
1.66E+01	3.35E+01	4.73E+01	-1.46E-02	0.00E+00
1.66E+01	3.35E+01	4.71E+01	-1.22E-02	0.00E+00
1.66E+01	3.34E+01	4.67E+01	-3.17E-02	0.00E+00
1.67E+01	3.37E+01	4.69E+01	-1.34E-02	0.00E+00
1.67E+01	3.34E+01	4.70E+01	-4.15E-02	0.00E+00
1.67E+01	3.33E+01	4.72E+01	-3.54E-02	0.00E+00
1.67E+01	3.36E+01	4.75E+01	-2.56E-02	0.00E+00
1.67E+01	3.35E+01	4.74E+01	-1.22E-02	0.00E+00
1.68E+01	3.34E+01	4.72E+01	-2.44E-03	0.00E+00
1.68E+01	3.36E+01	4.71E+01	-9.77E-03	0.00E+00
1.68E+01	3.35E+01	4.71E+01	-2.44E-03	0.00E+00
1.68E+01	3.34E+01	4.69E+01	-8.54E-03	0.00E+00
1.68E+01	3.36E+01	4.71E+01	-1.10E-02	0.00E+00
1.69E+01	3.34E+01	4.73E+01	-1.10E-02	0.00E+00
1.69E+01	3.35E+01	4.73E+01	-1.71E-02	0.00E+00
1.69E+01	3.35E+01	4.73E+01	-1.95E-02	0.00E+00
1.69E+01	3.36E+01	4.71E+01	-1.22E-02	0.00E+00
1.69E+01	3.34E+01	4.67E+01	-5.86E-02	0.00E+00
1.70E+01	3.34E+01	4.69E+01	-1.95E-02	0.00E+00
1.70E+01	3.33E+01	4.70E+01	-2.56E-02	0.00E+00

Current File O:\Projects\914220~1\ODYSSE~1\processed_data\Ody1120A.csv

Original File C:\Data\9142OdysseyLiftGate\Ody1120.dx3

File descrip 9142 2005 Honda Odyssey LiftGate liftgate - Esser

Project ID: Project ID

File ID: ORIGINAL

Test Date: 4/9/2009

Test Time: 06:00.0

Current Da #####

Current Tin 8:36:18

Number of 4

Number of 1056

Independe 0.02

Independe -4.26

Independe Sec

Time	Angle	Force	LiftgateMo	StrutCal	Displacement
Sec	Degrees	lbs	volts	inches	
-4.26E+00	7.64E+01	7.26E-01	-1.10E-02	0.00E+00	
-4.24E+00	7.65E+01	9.09E-01	-9.77E-03	0.00E+00	
-4.22E+00	7.66E+01	9.40E-01	-8.54E-03	0.00E+00	
-4.20E+00	7.65E+01	1.11E+00	-1.10E-02	0.00E+00	
-4.18E+00	7.64E+01	9.09E-01	-1.46E-02	0.00E+00	
-4.16E+00	7.65E+01	9.40E-01	-4.88E-03	0.00E+00	
-4.14E+00	7.65E+01	1.00E+00	-1.95E-02	0.00E+00	
-4.12E+00	7.64E+01	3.59E-01	-1.10E-02	0.00E+00	
-4.10E+00	7.66E+01	9.70E-01	-1.71E-02	0.00E+00	
-4.08E+00	7.64E+01	6.95E-01	-2.44E-03	0.00E+00	
-4.06E+00	7.65E+01	6.03E-01	-2.69E-02	0.00E+00	
-4.04E+00	7.64E+01	8.48E-01	-2.44E-02	0.00E+00	
-4.02E+00	7.63E+01	9.09E-01	-9.77E-03	0.00E+00	
-4.00E+00	7.64E+01	6.19E-01	-2.32E-02	0.00E+00	
-3.98E+00	7.65E+01	7.26E-01	-8.54E-03	0.00E+00	
-3.96E+00	7.64E+01	8.48E-01	-1.46E-02	0.00E+00	
-3.94E+00	7.64E+01	7.26E-01	-1.71E-02	0.00E+00	
-3.92E+00	7.65E+01	6.03E-01	7.32E-03	0.00E+00	
-3.90E+00	7.66E+01	9.09E-01	7.32E-03	0.00E+00	
-3.88E+00	7.63E+01	7.87E-01	-1.22E-02	0.00E+00	
-3.86E+00	7.65E+01	6.95E-01	0.00E+00	0.00E+00	
-3.84E+00	7.63E+01	8.18E-01	-1.34E-02	0.00E+00	
-3.82E+00	7.64E+01	5.73E-01	-2.69E-02	0.00E+00	
-3.80E+00	7.64E+01	9.09E-01	-1.95E-02	0.00E+00	
-3.78E+00	7.64E+01	9.70E-01	-1.95E-02	0.00E+00	
-3.76E+00	7.63E+01	8.63E-01	-1.59E-02	0.00E+00	
-3.74E+00	7.64E+01	1.00E+00	-1.71E-02	0.00E+00	
-3.72E+00	7.65E+01	9.40E-01	-1.95E-02	0.00E+00	
-3.70E+00	7.63E+01	6.34E-01	-2.81E-02	0.00E+00	
-3.68E+00	7.64E+01	8.79E-01	1.22E-02	0.00E+00	
-3.66E+00	7.65E+01	9.09E-01	-1.34E-02	0.00E+00	

-3.64E+00	7.63E+01	7.10E-01	-9.77E-03	0.00E+00
-3.62E+00	7.66E+01	6.34E-01	-1.83E-02	0.00E+00
-3.60E+00	7.65E+01	8.18E-01	-1.34E-02	0.00E+00
-3.58E+00	7.64E+01	5.58E-01	-2.32E-02	0.00E+00
-3.56E+00	7.64E+01	5.42E-01	-2.20E-02	0.00E+00
-3.54E+00	7.64E+01	7.56E-01	-1.83E-02	0.00E+00
-3.52E+00	7.64E+01	3.74E-01	-2.69E-02	0.00E+00
-3.50E+00	7.64E+01	7.56E-01	-1.22E-02	0.00E+00
-3.48E+00	7.65E+01	9.09E-01	-2.81E-02	0.00E+00
-3.46E+00	7.66E+01	8.94E-01	-3.17E-02	0.00E+00
-3.44E+00	7.64E+01	8.18E-01	-2.69E-02	0.00E+00
-3.42E+00	7.66E+01	9.40E-01	9.77E-03	0.00E+00
-3.40E+00	7.64E+01	7.10E-01	-1.22E-02	0.00E+00
-3.38E+00	7.64E+01	8.79E-01	-2.69E-02	0.00E+00
-3.36E+00	7.64E+01	1.03E+00	-1.71E-02	0.00E+00
-3.34E+00	7.64E+01	7.87E-01	-2.20E-02	0.00E+00
-3.32E+00	7.63E+01	5.42E-01	-3.91E-02	0.00E+00
-3.30E+00	7.63E+01	7.56E-01	-1.22E-02	0.00E+00
-3.28E+00	7.65E+01	8.63E-01	0.00E+00	0.00E+00
-3.26E+00	7.64E+01	8.18E-01	4.88E-03	0.00E+00
-3.24E+00	7.63E+01	7.56E-01	1.22E-03	0.00E+00
-3.22E+00	7.65E+01	8.94E-01	-7.32E-03	0.00E+00
-3.20E+00	7.63E+01	8.79E-01	1.10E-02	0.00E+00
-3.18E+00	7.64E+01	8.48E-01	-1.34E-02	0.00E+00
-3.16E+00	7.65E+01	9.70E-01	-1.71E-02	0.00E+00
-3.14E+00	7.63E+01	8.18E-01	-3.17E-02	0.00E+00
-3.12E+00	7.64E+01	7.87E-01	-1.71E-02	0.00E+00
-3.10E+00	7.64E+01	1.11E+00	-1.95E-02	0.00E+00
-3.08E+00	7.63E+01	8.33E-01	-2.56E-02	0.00E+00
-3.06E+00	7.64E+01	8.48E-01	-1.95E-02	0.00E+00
-3.04E+00	7.64E+01	7.87E-01	-2.44E-03	0.00E+00
-3.02E+00	7.63E+01	6.80E-01	-1.59E-02	0.00E+00
-3.00E+00	7.65E+01	8.48E-01	-1.46E-02	0.00E+00
-2.98E+00	7.66E+01	1.09E+00	-1.46E-02	0.00E+00
-2.96E+00	7.62E+01	7.26E-01	-2.20E-02	0.00E+00
-2.94E+00	7.64E+01	6.65E-01	-1.46E-02	0.00E+00
-2.92E+00	7.65E+01	1.00E+00	-1.46E-02	0.00E+00
-2.90E+00	7.64E+01	8.79E-01	-2.44E-02	0.00E+00
-2.88E+00	7.64E+01	6.34E-01	-2.44E-02	0.00E+00
-2.86E+00	7.64E+01	7.87E-01	-1.46E-02	0.00E+00
-2.84E+00	7.64E+01	7.26E-01	-2.93E-02	0.00E+00
-2.82E+00	7.63E+01	6.95E-01	-2.93E-02	0.00E+00
-2.80E+00	7.67E+01	9.25E-01	-2.20E-02	0.00E+00
-2.78E+00	7.65E+01	9.09E-01	1.22E-03	0.00E+00
-2.76E+00	7.65E+01	8.79E-01	2.44E-03	0.00E+00
-2.74E+00	7.66E+01	8.79E-01	0.00E+00	0.00E+00
-2.72E+00	7.65E+01	8.79E-01	1.22E-02	0.00E+00

-2.70E+00	7.63E+01	7.26E-01	-2.20E-02	0.00E+00
-2.68E+00	7.64E+01	5.42E-01	-2.20E-02	0.00E+00
-2.66E+00	7.64E+01	8.02E-01	-2.44E-02	0.00E+00
-2.64E+00	7.64E+01	4.51E-01	-3.42E-02	0.00E+00
-2.62E+00	7.65E+01	8.18E-01	-1.59E-02	0.00E+00
-2.60E+00	7.65E+01	8.48E-01	-2.44E-02	0.00E+00
-2.58E+00	7.63E+01	6.65E-01	-2.44E-02	0.00E+00
-2.56E+00	7.65E+01	8.94E-01	-1.59E-02	0.00E+00
-2.54E+00	7.63E+01	7.87E-01	-2.44E-03	0.00E+00
-2.52E+00	7.66E+01	7.26E-01	-1.71E-02	0.00E+00
-2.50E+00	7.65E+01	9.40E-01	-4.88E-03	0.00E+00
-2.48E+00	7.66E+01	7.87E-01	-1.46E-02	0.00E+00
-2.46E+00	7.64E+01	7.87E-01	-2.08E-02	0.00E+00
-2.44E+00	7.65E+01	8.18E-01	-8.54E-03	0.00E+00
-2.42E+00	7.65E+01	7.87E-01	-1.71E-02	0.00E+00
-2.40E+00	7.64E+01	6.34E-01	-3.17E-02	0.00E+00
-2.38E+00	7.64E+01	5.73E-01	-2.20E-02	0.00E+00
-2.36E+00	7.65E+01	1.12E+00	-1.46E-02	0.00E+00
-2.34E+00	7.63E+01	7.56E-01	-8.54E-03	0.00E+00
-2.32E+00	7.64E+01	7.56E-01	-1.22E-02	0.00E+00
-2.30E+00	7.65E+01	9.09E-01	-2.56E-02	0.00E+00
-2.28E+00	7.64E+01	7.72E-01	-3.30E-02	0.00E+00
-2.26E+00	7.65E+01	8.18E-01	-3.05E-02	0.00E+00
-2.24E+00	7.66E+01	9.09E-01	-9.77E-03	0.00E+00
-2.22E+00	7.64E+01	7.56E-01	-1.95E-02	0.00E+00
-2.20E+00	7.64E+01	9.55E-01	-1.83E-02	0.00E+00
-2.18E+00	7.65E+01	5.12E-01	-1.34E-02	0.00E+00
-2.16E+00	7.64E+01	9.25E-01	-1.83E-02	0.00E+00
-2.14E+00	7.63E+01	7.72E-01	-1.22E-02	0.00E+00
-2.12E+00	7.64E+01	8.18E-01	-7.32E-03	0.00E+00
-2.10E+00	7.65E+01	6.03E-01	-1.95E-02	0.00E+00
-2.08E+00	7.64E+01	6.34E-01	-3.17E-02	0.00E+00
-2.06E+00	7.65E+01	8.33E-01	-1.83E-02	0.00E+00
-2.04E+00	7.65E+01	9.09E-01	-1.71E-02	0.00E+00
-2.02E+00	7.63E+01	7.26E-01	-2.08E-02	0.00E+00
-2.00E+00	7.64E+01	7.87E-01	-3.17E-02	0.00E+00
-1.98E+00	7.63E+01	9.70E-01	-2.69E-02	0.00E+00
-1.96E+00	7.63E+01	6.49E-01	-2.93E-02	0.00E+00
-1.94E+00	7.64E+01	7.72E-01	-2.44E-02	0.00E+00
-1.92E+00	7.65E+01	6.19E-01	-1.46E-02	0.00E+00
-1.90E+00	7.65E+01	7.87E-01	-1.46E-02	0.00E+00
-1.88E+00	7.64E+01	7.26E-01	-1.22E-02	0.00E+00
-1.86E+00	7.64E+01	8.18E-01	7.32E-03	0.00E+00
-1.84E+00	7.64E+01	9.09E-01	-6.10E-03	0.00E+00
-1.82E+00	7.64E+01	7.56E-01	-3.91E-02	0.00E+00
-1.80E+00	7.65E+01	6.65E-01	-3.91E-02	0.00E+00
-1.78E+00	7.65E+01	8.94E-01	-4.88E-03	0.00E+00

-1.76E+00	7.63E+01	6.34E-01	-3.66E-02	0.00E+00
-1.74E+00	7.62E+01	8.18E-01	-1.95E-02	0.00E+00
-1.72E+00	7.65E+01	8.02E-01	1.46E-02	0.00E+00
-1.70E+00	7.65E+01	7.56E-01	-9.77E-03	0.00E+00
-1.68E+00	7.64E+01	8.79E-01	-2.69E-02	0.00E+00
-1.66E+00	7.64E+01	6.95E-01	-3.42E-02	0.00E+00
-1.64E+00	7.64E+01	6.34E-01	-1.71E-02	0.00E+00
-1.62E+00	7.64E+01	8.48E-01	-9.77E-03	0.00E+00
-1.60E+00	7.64E+01	9.40E-01	-1.59E-02	0.00E+00
-1.58E+00	7.65E+01	9.09E-01	-1.95E-02	0.00E+00
-1.56E+00	7.65E+01	9.70E-01	-1.46E-02	0.00E+00
-1.54E+00	7.65E+01	6.49E-01	-2.44E-02	0.00E+00
-1.52E+00	7.62E+01	7.10E-01	-3.17E-02	0.00E+00
-1.50E+00	7.65E+01	7.26E-01	-2.93E-02	0.00E+00
-1.48E+00	7.66E+01	9.70E-01	-2.44E-02	0.00E+00
-1.46E+00	7.64E+01	7.10E-01	-1.71E-02	0.00E+00
-1.44E+00	7.65E+01	8.79E-01	-1.59E-02	0.00E+00
-1.42E+00	7.65E+01	8.63E-01	-7.32E-03	0.00E+00
-1.40E+00	7.65E+01	6.34E-01	-2.20E-02	0.00E+00
-1.38E+00	7.63E+01	7.87E-01	-2.69E-02	0.00E+00
-1.36E+00	7.64E+01	6.95E-01	-2.44E-02	0.00E+00
-1.34E+00	7.65E+01	8.63E-01	-1.83E-02	0.00E+00
-1.32E+00	7.65E+01	8.48E-01	-2.44E-02	0.00E+00
-1.30E+00	7.64E+01	6.03E-01	-4.88E-03	0.00E+00
-1.28E+00	7.65E+01	7.87E-01	-2.32E-02	0.00E+00
-1.26E+00	7.66E+01	9.40E-01	-3.66E-02	0.00E+00
-1.24E+00	7.65E+01	6.65E-01	-2.69E-02	0.00E+00
-1.22E+00	7.64E+01	7.41E-01	4.88E-03	0.00E+00
-1.20E+00	7.65E+01	7.87E-01	-1.22E-02	0.00E+00
-1.18E+00	7.64E+01	6.65E-01	-1.22E-02	0.00E+00
-1.16E+00	7.64E+01	8.18E-01	-2.44E-02	0.00E+00
-1.14E+00	7.65E+01	7.56E-01	-1.95E-02	0.00E+00
-1.12E+00	7.65E+01	8.48E-01	-1.22E-02	0.00E+00
-1.10E+00	7.63E+01	9.70E-01	-1.71E-02	0.00E+00
-1.08E+00	7.62E+01	8.33E-01	-2.08E-02	0.00E+00
-1.06E+00	7.66E+01	8.18E-01	-4.88E-03	0.00E+00
-1.04E+00	7.66E+01	7.87E-01	2.44E-03	0.00E+00
-1.02E+00	7.65E+01	8.33E-01	-1.95E-02	0.00E+00
-1.00E+00	7.64E+01	8.79E-01	9.77E-03	0.00E+00
-9.80E-01	7.65E+01	9.09E-01	-1.71E-02	0.00E+00
-9.60E-01	7.64E+01	6.34E-01	-2.20E-02	0.00E+00
-9.40E-01	7.64E+01	6.19E-01	-3.42E-02	0.00E+00
-9.20E-01	7.65E+01	5.73E-01	-1.71E-02	0.00E+00
-9.00E-01	7.65E+01	9.09E-01	-4.88E-03	0.00E+00
-8.80E-01	7.65E+01	6.03E-01	-1.95E-02	0.00E+00
-8.60E-01	7.63E+01	8.18E-01	-1.34E-02	0.00E+00
-8.40E-01	7.66E+01	8.94E-01	-9.77E-03	0.00E+00

-8.20E-01	7.65E+01	7.56E-01	-3.17E-02	0.00E+00
-8.00E-01	7.64E+01	7.26E-01	-2.93E-02	0.00E+00
-7.80E-01	7.64E+01	7.26E-01	-4.15E-02	0.00E+00
-7.60E-01	7.66E+01	8.48E-01	-6.10E-03	0.00E+00
-7.40E-01	7.65E+01	9.86E-01	-9.77E-03	0.00E+00
-7.20E-01	7.64E+01	7.41E-01	-2.32E-02	0.00E+00
-7.00E-01	7.65E+01	1.18E+00	-4.88E-03	0.00E+00
-6.80E-01	7.65E+01	8.18E-01	-1.46E-02	0.00E+00
-6.60E-01	7.63E+01	5.42E-01	-3.66E-02	0.00E+00
-6.40E-01	7.64E+01	8.48E-01	-2.69E-02	0.00E+00
-6.20E-01	7.63E+01	8.79E-01	-1.71E-02	0.00E+00
-6.00E-01	7.60E+01	1.03E+00	0.00E+00	0.00E+00
-5.80E-01	7.60E+01	7.56E-01	-9.77E-03	0.00E+00
-5.60E-01	7.59E+01	7.87E-01	-2.08E-02	0.00E+00
-5.40E-01	7.58E+01	6.65E-01	-4.27E-02	0.00E+00
-5.20E-01	7.57E+01	7.56E-01	-2.20E-02	0.00E+00
-5.00E-01	7.58E+01	5.42E-01	-3.17E-02	0.00E+00
-4.80E-01	7.59E+01	9.40E-01	-1.22E-02	0.00E+00
-4.60E-01	7.60E+01	6.80E-01	-9.77E-03	0.00E+00
-4.40E-01	7.59E+01	8.18E-01	-1.95E-02	0.00E+00
-4.20E-01	7.58E+01	1.00E+00	-1.95E-02	0.00E+00
-4.00E-01	7.59E+01	8.18E-01	-1.46E-02	0.00E+00
-3.80E-01	7.58E+01	6.19E-01	-2.20E-02	0.00E+00
-3.60E-01	7.59E+01	7.56E-01	-3.30E-02	0.00E+00
-3.40E-01	7.60E+01	8.18E-01	-2.44E-02	0.00E+00
-3.20E-01	7.59E+01	1.00E+00	-1.83E-02	0.00E+00
-3.00E-01	7.58E+01	8.18E-01	-6.10E-03	0.00E+00
-2.80E-01	7.58E+01	7.26E-01	-4.39E-02	0.00E+00
-2.60E-01	7.59E+01	8.02E-01	-2.44E-03	0.00E+00
-2.40E-01	7.54E+01	9.25E-01	-9.77E-03	0.00E+00
-2.20E-01	7.53E+01	7.56E-01	-2.20E-02	0.00E+00
-2.00E-01	7.52E+01	5.12E-01	-1.71E-02	0.00E+00
-1.80E-01	7.54E+01	7.72E-01	-7.32E-03	0.00E+00
-1.60E-01	7.54E+01	6.95E-01	-1.22E-02	0.00E+00
-1.40E-01	7.53E+01	1.11E+00	-1.46E-02	0.00E+00
-1.20E-01	7.51E+01	6.19E-01	-3.42E-02	0.00E+00
-1.00E-01	7.48E+01	8.48E-01	-1.95E-02	0.00E+00
-8.00E-02	7.48E+01	8.02E-01	1.22E-03	0.00E+00
-6.00E-02	7.49E+01	8.18E-01	-2.56E-02	0.00E+00
-4.00E-02	7.47E+01	8.18E-01	-1.83E-02	0.00E+00
-2.00E-02	7.45E+01	8.33E-01	-1.10E-02	0.00E+00
0.00E+00	7.42E+01	8.79E-01	-2.44E-03	0.00E+00
2.00E-02	7.41E+01	8.48E-01	-1.34E-02	0.00E+00
4.00E-02	7.41E+01	5.12E-01	-1.71E-02	0.00E+00
6.00E-02	7.38E+01	8.63E-01	-9.77E-03	0.00E+00
8.00E-02	7.37E+01	8.18E-01	-2.44E-03	0.00E+00
1.00E-01	7.32E+01	7.56E-01	-2.44E-02	0.00E+00

1.20E-01	7.29E+01	4.81E-01	-4.03E-02	0.00E+00
1.40E-01	7.30E+01	1.00E+00	-1.10E-02	0.00E+00
1.60E-01	7.27E+01	1.00E+00	2.44E-03	0.00E+00
1.80E-01	7.26E+01	8.79E-01	0.00E+00	0.00E+00
2.00E-01	7.25E+01	7.87E-01	-3.54E-02	0.00E+00
2.20E-01	7.21E+01	8.18E-01	-1.22E-02	0.00E+00
2.40E-01	7.20E+01	1.06E+00	-2.93E-02	0.00E+00
2.60E-01	7.19E+01	8.48E-01	-7.32E-03	0.00E+00
2.80E-01	7.14E+01	8.18E-01	1.34E-02	0.00E+00
3.00E-01	7.15E+01	7.26E-01	-1.71E-02	0.00E+00
3.20E-01	7.12E+01	5.73E-01	-2.20E-02	0.00E+00
3.40E-01	7.11E+01	1.03E+00	-9.77E-03	0.00E+00
3.60E-01	7.10E+01	6.03E-01	-1.46E-02	0.00E+00
3.80E-01	7.06E+01	8.18E-01	-1.71E-02	0.00E+00
4.00E-01	7.05E+01	1.06E+00	-9.77E-03	0.00E+00
4.20E-01	7.05E+01	9.09E-01	-1.22E-03	0.00E+00
4.40E-01	7.00E+01	7.72E-01	-3.30E-02	0.00E+00
4.60E-01	6.97E+01	6.95E-01	-2.44E-03	0.00E+00
4.80E-01	7.01E+01	7.87E-01	-1.71E-02	0.00E+00
5.00E-01	6.96E+01	9.55E-01	4.88E-03	0.00E+00
5.20E-01	6.91E+01	7.87E-01	-4.15E-02	0.00E+00
5.40E-01	6.92E+01	6.80E-01	-2.69E-02	0.00E+00
5.60E-01	6.89E+01	5.73E-01	-2.44E-02	0.00E+00
5.80E-01	6.84E+01	8.02E-01	-9.77E-03	0.00E+00
6.00E-01	6.84E+01	7.56E-01	-9.77E-03	0.00E+00
6.20E-01	6.83E+01	6.95E-01	-1.95E-02	0.00E+00
6.40E-01	6.79E+01	7.72E-01	-1.46E-02	0.00E+00
6.60E-01	6.78E+01	8.48E-01	-1.46E-02	0.00E+00
6.80E-01	6.77E+01	5.42E-01	-7.32E-03	0.00E+00
7.00E-01	6.74E+01	7.10E-01	-3.17E-02	0.00E+00
7.20E-01	6.71E+01	7.72E-01	-9.77E-03	0.00E+00
7.40E-01	6.72E+01	9.09E-01	1.10E-02	0.00E+00
7.60E-01	6.69E+01	8.02E-01	-2.44E-02	0.00E+00
7.80E-01	6.66E+01	7.87E-01	-2.20E-02	0.00E+00
8.00E-01	6.67E+01	6.34E-01	-3.66E-02	0.00E+00
8.20E-01	6.64E+01	7.87E-01	-1.46E-02	0.00E+00
8.40E-01	6.59E+01	7.72E-01	7.32E-03	0.00E+00
8.60E-01	6.60E+01	6.34E-01	-1.71E-02	0.00E+00
8.80E-01	6.58E+01	6.95E-01	-1.22E-02	0.00E+00
9.00E-01	6.55E+01	9.70E-01	-1.46E-02	0.00E+00
9.20E-01	6.53E+01	4.81E-01	-2.93E-02	0.00E+00
9.40E-01	6.51E+01	6.95E-01	-2.20E-02	0.00E+00
9.60E-01	6.49E+01	1.15E+00	-1.71E-02	0.00E+00
9.80E-01	6.47E+01	9.55E-01	-1.46E-02	0.00E+00
1.00E+00	6.45E+01	7.26E-01	-2.08E-02	0.00E+00
1.02E+00	6.44E+01	8.18E-01	-3.17E-02	0.00E+00
1.04E+00	6.44E+01	8.18E-01	-3.05E-02	0.00E+00

1.06E+00	6.40E+01	7.56E-01	-3.17E-02	0.00E+00
1.08E+00	6.35E+01	6.03E-01	-4.39E-02	0.00E+00
1.10E+00	6.37E+01	6.34E-01	-1.59E-02	0.00E+00
1.12E+00	6.35E+01	9.40E-01	-4.88E-03	0.00E+00
1.14E+00	6.31E+01	8.18E-01	-7.32E-03	0.00E+00
1.16E+00	6.31E+01	4.81E-01	-2.08E-02	0.00E+00
1.18E+00	6.27E+01	7.56E-01	-2.44E-02	0.00E+00
1.20E+00	6.25E+01	7.41E-01	-1.46E-02	0.00E+00
1.22E+00	6.25E+01	7.72E-01	-2.20E-02	0.00E+00
1.24E+00	6.21E+01	4.66E-01	-1.83E-02	0.00E+00
1.26E+00	6.20E+01	1.02E+00	-9.77E-03	0.00E+00
1.28E+00	6.20E+01	9.40E-01	-1.10E-02	0.00E+00
1.30E+00	6.15E+01	7.26E-01	-3.66E-02	0.00E+00
1.32E+00	6.14E+01	8.48E-01	7.32E-03	0.00E+00
1.34E+00	6.15E+01	8.18E-01	-1.59E-02	0.00E+00
1.36E+00	6.10E+01	8.48E-01	-2.93E-02	0.00E+00
1.38E+00	6.09E+01	7.26E-01	-2.20E-02	0.00E+00
1.40E+00	6.08E+01	7.87E-01	-3.66E-02	0.00E+00
1.42E+00	6.06E+01	1.12E+00	9.77E-03	0.00E+00
1.44E+00	6.02E+01	8.18E-01	-1.71E-02	0.00E+00
1.46E+00	6.02E+01	6.65E-01	-1.71E-02	0.00E+00
1.48E+00	5.96E+01	5.73E-01	-1.34E-02	0.00E+00
1.50E+00	5.96E+01	8.02E-01	-2.32E-02	0.00E+00
1.52E+00	5.95E+01	6.95E-01	-2.32E-02	0.00E+00
1.54E+00	5.91E+01	4.20E-01	-1.59E-02	0.00E+00
1.56E+00	5.91E+01	8.79E-01	-1.22E-02	0.00E+00
1.58E+00	5.90E+01	8.02E-01	-2.44E-02	0.00E+00
1.60E+00	5.84E+01	7.26E-01	-7.32E-03	0.00E+00
1.62E+00	5.86E+01	8.48E-01	-1.46E-02	0.00E+00
1.64E+00	5.85E+01	8.02E-01	0.00E+00	0.00E+00
1.66E+00	5.79E+01	7.26E-01	-2.93E-02	0.00E+00
1.68E+00	5.79E+01	8.18E-01	2.44E-03	0.00E+00
1.70E+00	5.76E+01	9.25E-01	4.88E-03	0.00E+00
1.72E+00	5.73E+01	7.26E-01	-1.34E-02	0.00E+00
1.74E+00	5.73E+01	7.26E-01	-1.59E-02	0.00E+00
1.76E+00	5.70E+01	7.56E-01	-9.77E-03	0.00E+00
1.78E+00	5.68E+01	7.41E-01	-2.20E-02	0.00E+00
1.80E+00	5.66E+01	6.03E-01	-2.81E-02	0.00E+00
1.82E+00	5.62E+01	4.51E-01	-1.95E-02	0.00E+00
1.84E+00	5.62E+01	8.02E-01	-2.08E-02	0.00E+00
1.86E+00	5.58E+01	7.41E-01	-1.71E-02	0.00E+00
1.88E+00	5.55E+01	7.87E-01	2.44E-03	0.00E+00
1.90E+00	5.56E+01	9.40E-01	0.00E+00	0.00E+00
1.92E+00	5.50E+01	8.79E-01	0.00E+00	0.00E+00
1.94E+00	5.50E+01	8.18E-01	-1.71E-02	0.00E+00
1.96E+00	5.48E+01	8.94E-01	0.00E+00	0.00E+00
1.98E+00	5.42E+01	7.26E-01	-6.10E-03	0.00E+00

2.00E+00	5.45E+01	6.03E-01	-3.05E-02	0.00E+00
2.02E+00	5.41E+01	7.10E-01	-3.66E-02	0.00E+00
2.04E+00	5.38E+01	7.10E-01	-1.83E-02	0.00E+00
2.06E+00	5.37E+01	7.56E-01	-1.71E-02	0.00E+00
2.08E+00	5.33E+01	8.79E-01	-1.22E-02	0.00E+00
2.10E+00	5.33E+01	9.70E-01	0.00E+00	0.00E+00
2.12E+00	5.29E+01	6.95E-01	-2.20E-02	0.00E+00
2.14E+00	5.26E+01	1.06E+00	-1.34E-02	0.00E+00
2.16E+00	5.27E+01	6.65E-01	-1.95E-02	0.00E+00
2.18E+00	5.20E+01	6.95E-01	-1.95E-02	0.00E+00
2.20E+00	5.20E+01	6.19E-01	-3.42E-02	0.00E+00
2.22E+00	5.18E+01	7.26E-01	9.77E-03	0.00E+00
2.24E+00	5.17E+01	8.79E-01	-8.54E-03	0.00E+00
2.26E+00	5.14E+01	7.56E-01	-1.95E-02	0.00E+00
2.28E+00	5.12E+01	7.87E-01	-1.10E-02	0.00E+00
2.30E+00	5.10E+01	8.63E-01	-1.71E-02	0.00E+00
2.32E+00	5.06E+01	6.95E-01	-2.32E-02	0.00E+00
2.34E+00	5.03E+01	6.65E-01	-2.81E-02	0.00E+00
2.36E+00	5.03E+01	8.48E-01	-1.34E-02	0.00E+00
2.38E+00	5.03E+01	6.95E-01	-1.71E-02	0.00E+00
2.40E+00	4.96E+01	5.42E-01	-1.71E-02	0.00E+00
2.42E+00	4.97E+01	9.09E-01	-9.77E-03	0.00E+00
2.44E+00	4.95E+01	8.18E-01	-9.77E-03	0.00E+00
2.46E+00	4.92E+01	8.18E-01	-1.71E-02	0.00E+00
2.48E+00	4.91E+01	1.09E+00	-2.08E-02	0.00E+00
2.50E+00	4.86E+01	9.86E-01	-1.59E-02	0.00E+00
2.52E+00	4.86E+01	7.87E-01	-2.44E-03	0.00E+00
2.54E+00	4.83E+01	1.03E+00	-1.83E-02	0.00E+00
2.56E+00	4.81E+01	7.72E-01	-4.03E-02	0.00E+00
2.58E+00	4.81E+01	9.09E-01	-2.56E-02	0.00E+00
2.60E+00	4.77E+01	8.33E-01	-2.69E-02	0.00E+00
2.62E+00	4.73E+01	6.65E-01	-2.44E-02	0.00E+00
2.64E+00	4.73E+01	7.87E-01	-9.77E-03	0.00E+00
2.66E+00	4.71E+01	8.48E-01	-9.77E-03	0.00E+00
2.68E+00	4.69E+01	9.09E-01	-4.88E-03	0.00E+00
2.70E+00	4.64E+01	8.02E-01	-2.08E-02	0.00E+00
2.72E+00	4.63E+01	6.65E-01	-2.93E-02	0.00E+00
2.74E+00	4.62E+01	6.34E-01	-1.59E-02	0.00E+00
2.76E+00	4.57E+01	9.25E-01	-4.88E-03	0.00E+00
2.78E+00	4.57E+01	1.06E+00	-9.77E-03	0.00E+00
2.80E+00	4.52E+01	7.56E-01	-1.22E-02	0.00E+00
2.82E+00	4.52E+01	1.15E+00	-1.95E-02	0.00E+00
2.84E+00	4.48E+01	7.87E-01	-1.83E-02	0.00E+00
2.86E+00	4.46E+01	6.95E-01	-1.71E-02	0.00E+00
2.88E+00	4.44E+01	7.87E-01	-1.22E-03	0.00E+00
2.90E+00	4.40E+01	8.18E-01	-1.71E-02	0.00E+00
2.92E+00	4.40E+01	9.09E-01	-1.22E-02	0.00E+00

2.94E+00	4.33E+01	6.80E-01	-1.46E-02	0.00E+00
2.96E+00	4.35E+01	8.02E-01	-2.69E-02	0.00E+00
2.98E+00	4.30E+01	8.02E-01	-2.81E-02	0.00E+00
3.00E+00	4.26E+01	6.03E-01	-3.78E-02	0.00E+00
3.02E+00	4.23E+01	7.26E-01	-2.08E-02	0.00E+00
3.04E+00	4.23E+01	7.56E-01	-1.71E-02	0.00E+00
3.06E+00	4.23E+01	9.70E-01	0.00E+00	0.00E+00
3.08E+00	4.17E+01	1.06E+00	-1.59E-02	0.00E+00
3.10E+00	4.16E+01	8.33E-01	-2.32E-02	0.00E+00
3.12E+00	4.12E+01	4.66E-01	-2.20E-02	0.00E+00
3.14E+00	4.11E+01	7.87E-01	-9.77E-03	0.00E+00
3.16E+00	4.08E+01	7.87E-01	-2.69E-02	0.00E+00
3.18E+00	4.06E+01	9.70E-01	-9.77E-03	0.00E+00
3.20E+00	4.05E+01	8.94E-01	-1.71E-02	0.00E+00
3.22E+00	3.99E+01	8.18E-01	-1.59E-02	0.00E+00
3.24E+00	4.01E+01	7.26E-01	-1.71E-02	0.00E+00
3.26E+00	3.95E+01	7.10E-01	-3.17E-02	0.00E+00
3.28E+00	3.95E+01	8.18E-01	-2.93E-02	0.00E+00
3.30E+00	3.92E+01	7.56E-01	-1.95E-02	0.00E+00
3.32E+00	3.90E+01	8.18E-01	2.44E-03	0.00E+00
3.34E+00	3.87E+01	6.65E-01	-3.66E-02	0.00E+00
3.36E+00	3.84E+01	8.02E-01	-9.77E-03	0.00E+00
3.38E+00	3.81E+01	7.26E-01	-2.44E-02	0.00E+00
3.40E+00	3.77E+01	7.26E-01	-2.69E-02	0.00E+00
3.42E+00	3.76E+01	6.95E-01	-1.59E-02	0.00E+00
3.44E+00	3.76E+01	9.70E-01	-4.88E-03	0.00E+00
3.46E+00	3.73E+01	7.87E-01	-9.77E-03	0.00E+00
3.48E+00	3.69E+01	7.26E-01	-1.71E-02	0.00E+00
3.50E+00	3.66E+01	7.56E-01	-2.44E-02	0.00E+00
3.52E+00	3.64E+01	9.40E-01	-1.59E-02	0.00E+00
3.54E+00	3.61E+01	6.95E-01	-2.93E-02	0.00E+00
3.56E+00	3.58E+01	1.00E+00	-2.69E-02	0.00E+00
3.58E+00	3.56E+01	7.56E-01	-7.32E-03	0.00E+00
3.60E+00	3.52E+01	9.70E-01	-7.32E-03	0.00E+00
3.62E+00	3.51E+01	6.95E-01	-9.77E-03	0.00E+00
3.64E+00	3.45E+01	7.87E-01	-4.88E-03	0.00E+00
3.66E+00	3.47E+01	7.56E-01	-9.77E-03	0.00E+00
3.68E+00	3.41E+01	7.56E-01	0.00E+00	0.00E+00
3.70E+00	3.39E+01	5.88E-01	-2.20E-02	0.00E+00
3.72E+00	3.36E+01	8.33E-01	-2.93E-02	0.00E+00
3.74E+00	3.37E+01	9.09E-01	1.71E-02	0.00E+00
3.76E+00	3.31E+01	7.10E-01	-1.71E-02	0.00E+00
3.78E+00	3.28E+01	8.18E-01	-1.71E-02	0.00E+00
3.80E+00	3.25E+01	7.87E-01	-9.77E-03	0.00E+00
3.82E+00	3.23E+01	6.95E-01	-1.95E-02	0.00E+00
3.84E+00	3.17E+01	6.34E-01	-2.69E-02	0.00E+00
3.86E+00	3.17E+01	6.49E-01	-1.95E-02	0.00E+00

3.88E+00	3.12E+01	9.70E-01	-7.32E-03	0.00E+00
3.90E+00	3.11E+01	7.26E-01	-2.20E-02	0.00E+00
3.92E+00	3.07E+01	8.48E-01	-1.22E-02	0.00E+00
3.94E+00	3.06E+01	8.18E-01	-1.71E-02	0.00E+00
3.96E+00	3.00E+01	6.80E-01	-1.59E-02	0.00E+00
3.98E+00	2.98E+01	4.96E-01	-3.66E-02	0.00E+00
4.00E+00	2.95E+01	7.87E-01	-2.44E-02	0.00E+00
4.02E+00	2.93E+01	6.03E-01	-3.91E-02	0.00E+00
4.04E+00	2.90E+01	5.42E-01	-2.56E-02	0.00E+00
4.06E+00	2.88E+01	8.48E-01	9.77E-03	0.00E+00
4.08E+00	2.86E+01	8.79E-01	-4.88E-03	0.00E+00
4.10E+00	2.83E+01	8.02E-01	-2.20E-02	0.00E+00
4.12E+00	2.77E+01	8.18E-01	-2.56E-02	0.00E+00
4.14E+00	2.77E+01	6.03E-01	-2.20E-02	0.00E+00
4.16E+00	2.71E+01	4.05E-01	-1.95E-02	0.00E+00
4.18E+00	2.70E+01	6.95E-01	-2.69E-02	0.00E+00
4.20E+00	2.65E+01	5.12E-01	-9.77E-03	0.00E+00
4.22E+00	2.61E+01	9.40E-01	-9.77E-03	0.00E+00
4.24E+00	2.59E+01	7.26E-01	-1.71E-02	0.00E+00
4.26E+00	2.56E+01	8.48E-01	-1.71E-02	0.00E+00
4.28E+00	2.54E+01	1.05E+00	-1.95E-02	0.00E+00
4.30E+00	2.51E+01	9.09E-01	-2.20E-02	0.00E+00
4.32E+00	2.48E+01	4.81E-01	-1.10E-02	0.00E+00
4.34E+00	2.49E+01	7.87E-01	-2.08E-02	0.00E+00
4.36E+00	2.42E+01	7.56E-01	-2.81E-02	0.00E+00
4.38E+00	2.42E+01	7.87E-01	-2.08E-02	0.00E+00
4.40E+00	2.39E+01	9.86E-01	-2.69E-02	0.00E+00
4.42E+00	2.37E+01	9.70E-01	-3.17E-02	0.00E+00
4.44E+00	2.36E+01	8.94E-01	-1.83E-02	0.00E+00
4.46E+00	2.30E+01	6.95E-01	-2.20E-02	0.00E+00
4.48E+00	2.28E+01	7.10E-01	-1.46E-02	0.00E+00
4.50E+00	2.25E+01	9.25E-01	-1.46E-02	0.00E+00
4.52E+00	2.24E+01	7.56E-01	-2.69E-02	0.00E+00
4.54E+00	2.20E+01	6.03E-01	-1.46E-02	0.00E+00
4.56E+00	2.19E+01	1.06E+00	-7.32E-03	0.00E+00
4.58E+00	2.16E+01	8.48E-01	-1.46E-02	0.00E+00
4.60E+00	2.12E+01	6.95E-01	-2.44E-02	0.00E+00
4.62E+00	2.10E+01	8.94E-01	-7.32E-03	0.00E+00
4.64E+00	2.07E+01	5.58E-01	-2.69E-02	0.00E+00
4.66E+00	2.02E+01	9.70E-01	-3.42E-02	0.00E+00
4.68E+00	2.01E+01	8.48E-01	-1.71E-02	0.00E+00
4.70E+00	1.98E+01	8.48E-01	-2.32E-02	0.00E+00
4.72E+00	1.96E+01	9.09E-01	-2.93E-02	0.00E+00
4.74E+00	1.91E+01	8.48E-01	-1.22E-02	0.00E+00
4.76E+00	1.90E+01	9.09E-01	9.77E-03	0.00E+00
4.78E+00	1.88E+01	8.79E-01	-1.46E-02	0.00E+00
4.80E+00	1.83E+01	5.27E-01	-1.83E-02	0.00E+00

4.82E+00	1.81E+01	7.26E-01	-4.88E-02	0.00E+00
4.84E+00	1.77E+01	1.00E+00	-1.22E-02	0.00E+00
4.86E+00	1.78E+01	8.79E-01	-6.10E-03	0.00E+00
4.88E+00	1.72E+01	6.80E-01	-1.95E-02	0.00E+00
4.90E+00	1.73E+01	6.65E-01	-8.54E-03	0.00E+00
4.92E+00	1.67E+01	8.33E-01	-1.10E-02	0.00E+00
4.94E+00	1.66E+01	5.73E-01	-2.20E-02	0.00E+00
4.96E+00	1.61E+01	7.56E-01	-2.69E-02	0.00E+00
4.98E+00	1.61E+01	7.87E-01	-2.44E-02	0.00E+00
5.00E+00	1.57E+01	1.00E+00	-1.46E-02	0.00E+00
5.02E+00	1.54E+01	7.72E-01	-9.77E-03	0.00E+00
5.04E+00	1.52E+01	9.09E-01	0.00E+00	0.00E+00
5.06E+00	1.50E+01	7.56E-01	-2.44E-02	0.00E+00
5.08E+00	1.47E+01	8.18E-01	-1.34E-02	0.00E+00
5.10E+00	1.43E+01	6.03E-01	-4.88E-02	0.00E+00
5.12E+00	1.43E+01	6.34E-01	-1.71E-02	0.00E+00
5.14E+00	1.38E+01	7.56E-01	-3.66E-02	0.00E+00
5.16E+00	1.36E+01	7.56E-01	-3.91E-02	0.00E+00
5.18E+00	1.37E+01	8.63E-01	-6.10E-03	0.00E+00
5.20E+00	1.32E+01	9.70E-01	-3.05E-02	0.00E+00
5.22E+00	1.29E+01	7.41E-01	-1.95E-02	0.00E+00
5.24E+00	1.25E+01	7.87E-01	-2.93E-02	0.00E+00
5.26E+00	1.24E+01	8.48E-01	-1.22E-02	0.00E+00
5.28E+00	1.20E+01	6.34E-01	-7.32E-03	0.00E+00
5.30E+00	1.21E+01	8.02E-01	-1.46E-02	0.00E+00
5.32E+00	1.15E+01	1.09E+00	-1.59E-02	0.00E+00
5.34E+00	1.15E+01	1.09E+00	-7.32E-03	0.00E+00
5.36E+00	1.14E+01	7.56E-01	-1.46E-02	0.00E+00
5.38E+00	1.07E+01	4.51E-01	-3.66E-02	0.00E+00
5.40E+00	1.09E+01	7.72E-01	-1.22E-02	0.00E+00
5.42E+00	1.10E+01	8.79E-01	-2.44E-03	0.00E+00
5.44E+00	1.14E+01	7.87E-01	7.32E-03	0.00E+00
5.46E+00	1.19E+01	9.55E-01	-2.20E-02	0.00E+00
5.48E+00	1.21E+01	1.14E+00	1.71E-02	0.00E+00
5.50E+00	1.23E+01	8.18E-01	-9.77E-03	0.00E+00
5.52E+00	1.26E+01	8.48E-01	-1.95E-02	0.00E+00
5.54E+00	1.31E+01	6.65E-01	-1.95E-02	0.00E+00
5.56E+00	1.33E+01	8.18E-01	-1.71E-02	0.00E+00
5.58E+00	1.37E+01	6.95E-01	-3.30E-02	0.00E+00
5.60E+00	1.40E+01	7.87E-01	-4.88E-03	0.00E+00
5.62E+00	1.44E+01	9.09E-01	-2.56E-02	0.00E+00
5.64E+00	1.44E+01	8.79E-01	-1.46E-02	0.00E+00
5.66E+00	1.47E+01	6.49E-01	-5.13E-02	0.00E+00
5.68E+00	1.51E+01	7.41E-01	-1.95E-02	0.00E+00
5.70E+00	1.49E+01	9.09E-01	-7.32E-03	0.00E+00
5.72E+00	1.46E+01	8.79E-01	-2.44E-02	0.00E+00
5.74E+00	1.43E+01	6.65E-01	-1.71E-02	0.00E+00

5.76E+00	1.44E+01	1.00E+00	-7.32E-03	0.00E+00
5.78E+00	1.42E+01	7.26E-01	-3.66E-03	0.00E+00
5.80E+00	1.38E+01	6.95E-01	-1.46E-02	0.00E+00
5.82E+00	1.37E+01	6.34E-01	-2.44E-02	0.00E+00
5.84E+00	1.35E+01	7.87E-01	-1.46E-02	0.00E+00
5.86E+00	1.36E+01	8.48E-01	-1.22E-02	0.00E+00
5.88E+00	1.36E+01	8.18E-01	0.00E+00	0.00E+00
5.90E+00	1.37E+01	8.02E-01	-1.22E-02	0.00E+00
5.92E+00	1.35E+01	8.33E-01	-4.88E-03	0.00E+00
5.94E+00	1.33E+01	5.27E-01	-2.20E-02	0.00E+00
5.96E+00	1.34E+01	8.18E-01	-2.81E-02	0.00E+00
5.98E+00	1.37E+01	6.65E-01	-1.10E-02	0.00E+00
6.00E+00	1.37E+01	8.18E-01	-2.69E-02	0.00E+00
6.02E+00	1.36E+01	7.87E-01	-2.69E-02	0.00E+00
6.04E+00	1.39E+01	8.48E-01	-2.93E-02	0.00E+00
6.06E+00	1.44E+01	9.40E-01	-2.44E-03	0.00E+00
6.08E+00	1.44E+01	7.41E-01	-9.77E-03	0.00E+00
6.10E+00	1.43E+01	9.70E-01	-1.95E-02	0.00E+00
6.12E+00	1.43E+01	1.03E+00	-1.95E-02	0.00E+00
6.14E+00	1.44E+01	8.02E-01	-4.88E-03	0.00E+00
6.16E+00	1.43E+01	1.03E+00	-1.22E-02	0.00E+00
6.18E+00	1.44E+01	8.79E-01	-2.44E-02	0.00E+00
6.20E+00	1.44E+01	9.09E-01	-1.22E-02	0.00E+00
6.22E+00	1.45E+01	8.79E-01	-2.69E-02	0.00E+00
6.24E+00	1.43E+01	7.87E-01	-1.34E-02	0.00E+00
6.26E+00	1.43E+01	8.48E-01	-4.03E-02	0.00E+00
6.28E+00	1.41E+01	6.95E-01	-1.34E-02	0.00E+00
6.30E+00	1.38E+01	6.34E-01	-3.17E-02	0.00E+00
6.32E+00	1.38E+01	9.40E-01	-1.46E-02	0.00E+00
6.34E+00	1.39E+01	8.63E-01	-9.77E-03	0.00E+00
6.36E+00	1.38E+01	5.58E-01	-2.93E-02	0.00E+00
6.38E+00	1.38E+01	9.09E-01	-1.83E-02	0.00E+00
6.40E+00	1.41E+01	9.40E-01	0.00E+00	0.00E+00
6.42E+00	1.43E+01	8.33E-01	-1.46E-02	0.00E+00
6.44E+00	1.42E+01	6.65E-01	-4.03E-02	0.00E+00
6.46E+00	1.43E+01	8.79E-01	-2.56E-02	0.00E+00
6.48E+00	1.43E+01	7.41E-01	-1.22E-02	0.00E+00
6.50E+00	1.44E+01	7.26E-01	-2.93E-02	0.00E+00
6.52E+00	1.43E+01	7.10E-01	-3.66E-02	0.00E+00
6.54E+00	1.44E+01	6.95E-01	-2.69E-02	0.00E+00
6.56E+00	1.43E+01	8.33E-01	-1.95E-02	0.00E+00
6.58E+00	1.44E+01	9.09E-01	-1.95E-02	0.00E+00
6.60E+00	1.44E+01	1.12E+00	-9.77E-03	0.00E+00
6.62E+00	1.44E+01	1.03E+00	-1.83E-02	0.00E+00
6.64E+00	1.43E+01	7.56E-01	-2.69E-02	0.00E+00
6.66E+00	1.43E+01	5.73E-01	-1.95E-02	0.00E+00
6.68E+00	1.44E+01	9.25E-01	-1.22E-02	0.00E+00

6.70E+00	1.43E+01	9.09E-01	-1.71E-02	0.00E+00
6.72E+00	1.44E+01	5.73E-01	-1.46E-02	0.00E+00
6.74E+00	1.45E+01	9.25E-01	2.44E-03	0.00E+00
6.76E+00	1.43E+01	8.02E-01	-8.54E-03	0.00E+00
6.78E+00	1.43E+01	7.56E-01	2.44E-03	0.00E+00
6.80E+00	1.42E+01	7.26E-01	-1.46E-02	0.00E+00
6.82E+00	1.44E+01	8.48E-01	-1.22E-02	0.00E+00
6.84E+00	1.44E+01	7.26E-01	-1.95E-02	0.00E+00
6.86E+00	1.43E+01	8.18E-01	-4.88E-03	0.00E+00
6.88E+00	1.46E+01	7.87E-01	1.95E-02	0.00E+00
6.90E+00	1.43E+01	9.09E-01	-1.46E-02	0.00E+00
6.92E+00	1.43E+01	7.56E-01	-2.69E-02	0.00E+00
6.94E+00	1.42E+01	7.26E-01	-2.69E-02	0.00E+00
6.96E+00	1.43E+01	8.79E-01	-1.22E-02	0.00E+00
6.98E+00	1.44E+01	8.79E-01	-7.32E-03	0.00E+00
7.00E+00	1.44E+01	8.02E-01	-1.95E-02	0.00E+00
7.02E+00	1.43E+01	6.95E-01	-2.69E-02	0.00E+00
7.04E+00	1.43E+01	8.18E-01	-1.59E-02	0.00E+00
7.06E+00	1.43E+01	6.95E-01	-9.77E-03	0.00E+00
7.08E+00	1.44E+01	9.09E-01	-7.32E-03	0.00E+00
7.10E+00	1.44E+01	7.56E-01	-1.46E-02	0.00E+00
7.12E+00	1.43E+01	7.56E-01	-1.22E-02	0.00E+00
7.14E+00	1.44E+01	8.79E-01	-4.88E-03	0.00E+00
7.16E+00	1.43E+01	6.95E-01	-1.46E-02	0.00E+00
7.18E+00	1.43E+01	7.10E-01	-1.95E-02	0.00E+00
7.20E+00	1.40E+01	9.40E-01	-2.32E-02	0.00E+00
7.22E+00	1.39E+01	8.48E-01	-2.56E-02	0.00E+00
7.24E+00	1.37E+01	7.26E-01	-1.59E-02	0.00E+00
7.26E+00	1.39E+01	9.09E-01	-9.77E-03	0.00E+00
7.28E+00	1.40E+01	1.00E+00	1.34E-02	0.00E+00
7.30E+00	1.37E+01	8.94E-01	-2.20E-02	0.00E+00
7.32E+00	1.36E+01	8.18E-01	-2.44E-02	0.00E+00
7.34E+00	1.34E+01	1.12E+00	-1.34E-02	0.00E+00
7.36E+00	1.37E+01	6.03E-01	-2.20E-02	0.00E+00
7.38E+00	1.31E+01	6.95E-01	-2.44E-02	0.00E+00
7.40E+00	1.32E+01	1.06E+00	-9.77E-03	0.00E+00
7.42E+00	1.32E+01	8.18E-01	-1.34E-02	0.00E+00
7.44E+00	1.31E+01	5.27E-01	-2.20E-02	0.00E+00
7.46E+00	1.28E+01	8.63E-01	-4.88E-03	0.00E+00
7.48E+00	1.26E+01	8.79E-01	-1.46E-02	0.00E+00
7.50E+00	1.25E+01	9.25E-01	-1.71E-02	0.00E+00
7.52E+00	1.23E+01	6.03E-01	-2.69E-02	0.00E+00
7.54E+00	1.20E+01	8.79E-01	-2.32E-02	0.00E+00
7.56E+00	1.20E+01	8.18E-01	-3.17E-02	0.00E+00
7.58E+00	1.20E+01	7.26E-01	-3.66E-02	0.00E+00
7.60E+00	1.21E+01	9.55E-01	0.00E+00	0.00E+00
7.62E+00	1.17E+01	1.03E+00	1.22E-02	0.00E+00

7.64E+00	1.14E+01	6.65E-01	-1.95E-02	0.00E+00
7.66E+00	1.14E+01	8.79E-01	-1.46E-02	0.00E+00
7.68E+00	1.15E+01	8.02E-01	-9.77E-03	0.00E+00
7.70E+00	1.14E+01	8.79E-01	-2.69E-02	0.00E+00
7.72E+00	1.17E+01	6.03E-01	-9.77E-03	0.00E+00
7.74E+00	1.21E+01	7.26E-01	-3.17E-02	0.00E+00
7.76E+00	1.26E+01	8.48E-01	-7.32E-03	0.00E+00
7.78E+00	1.26E+01	8.18E-01	-3.42E-02	0.00E+00
7.80E+00	1.29E+01	1.00E+00	-1.46E-02	0.00E+00
7.82E+00	1.33E+01	6.03E-01	-1.46E-02	0.00E+00
7.84E+00	1.35E+01	9.40E-01	-2.44E-02	0.00E+00
7.86E+00	1.40E+01	5.42E-01	-2.44E-02	0.00E+00
7.88E+00	1.44E+01	8.79E-01	-1.10E-02	0.00E+00
7.90E+00	1.44E+01	7.56E-01	-1.46E-02	0.00E+00
7.92E+00	1.49E+01	5.12E-01	-2.44E-02	0.00E+00
7.94E+00	1.49E+01	8.94E-01	-2.44E-03	0.00E+00
7.96E+00	1.50E+01	8.33E-01	-7.32E-03	0.00E+00
7.98E+00	1.48E+01	6.65E-01	-1.95E-02	0.00E+00
8.00E+00	1.50E+01	7.56E-01	-1.59E-02	0.00E+00
8.02E+00	1.47E+01	8.48E-01	-1.10E-02	0.00E+00
8.04E+00	1.44E+01	7.56E-01	-1.95E-02	0.00E+00
8.06E+00	1.42E+01	7.87E-01	-1.46E-02	0.00E+00
8.08E+00	1.39E+01	7.87E-01	-1.10E-02	0.00E+00
8.10E+00	1.38E+01	1.02E+00	-4.88E-03	0.00E+00
8.12E+00	1.38E+01	8.18E-01	-4.15E-02	0.00E+00
8.14E+00	1.36E+01	7.10E-01	-3.42E-02	0.00E+00
8.16E+00	1.36E+01	7.56E-01	-1.22E-02	0.00E+00
8.18E+00	1.37E+01	7.87E-01	1.22E-03	0.00E+00
8.20E+00	1.36E+01	6.03E-01	-2.69E-02	0.00E+00
8.22E+00	1.38E+01	8.33E-01	-1.46E-02	0.00E+00
8.24E+00	1.38E+01	7.87E-01	-1.22E-02	0.00E+00
8.26E+00	1.37E+01	6.65E-01	-1.71E-02	0.00E+00
8.28E+00	1.38E+01	6.65E-01	-1.22E-02	0.00E+00
8.30E+00	1.44E+01	7.56E-01	-1.46E-02	0.00E+00
8.32E+00	1.43E+01	7.87E-01	-2.69E-02	0.00E+00
8.34E+00	1.43E+01	6.80E-01	-2.69E-02	0.00E+00
8.36E+00	1.43E+01	5.73E-01	-1.46E-02	0.00E+00
8.38E+00	1.44E+01	8.18E-01	-1.22E-02	0.00E+00
8.40E+00	1.44E+01	8.18E-01	-6.10E-03	0.00E+00
8.42E+00	1.43E+01	8.79E-01	-3.17E-02	0.00E+00
8.44E+00	1.44E+01	9.09E-01	-1.71E-02	0.00E+00
8.46E+00	1.43E+01	6.95E-01	-3.05E-02	0.00E+00
8.48E+00	1.43E+01	7.26E-01	-7.32E-03	0.00E+00
8.50E+00	1.44E+01	8.18E-01	-1.71E-02	0.00E+00
8.52E+00	1.44E+01	7.87E-01	-1.83E-02	0.00E+00
8.54E+00	1.42E+01	8.18E-01	-7.32E-03	0.00E+00
8.56E+00	1.42E+01	6.80E-01	-1.83E-02	0.00E+00

8.58E+00	1.45E+01	8.48E-01	-1.34E-02	0.00E+00
8.60E+00	1.46E+01	7.72E-01	-1.22E-02	0.00E+00
8.62E+00	1.44E+01	8.48E-01	-1.95E-02	0.00E+00
8.64E+00	1.44E+01	6.80E-01	-2.20E-02	0.00E+00
8.66E+00	1.44E+01	7.26E-01	-1.22E-02	0.00E+00
8.68E+00	1.43E+01	3.89E-01	-3.05E-02	0.00E+00
8.70E+00	1.44E+01	9.09E-01	-1.83E-02	0.00E+00
8.72E+00	1.44E+01	7.26E-01	-1.46E-02	0.00E+00
8.74E+00	1.44E+01	9.09E-01	-1.22E-02	0.00E+00
8.76E+00	1.43E+01	1.18E+00	-4.88E-03	0.00E+00
8.78E+00	1.44E+01	6.80E-01	-2.44E-03	0.00E+00
8.80E+00	1.44E+01	9.40E-01	-1.34E-02	0.00E+00
8.82E+00	1.44E+01	6.34E-01	-1.95E-02	0.00E+00
8.84E+00	1.43E+01	7.56E-01	-2.20E-02	0.00E+00
8.86E+00	1.43E+01	8.94E-01	-4.88E-03	0.00E+00
8.88E+00	1.44E+01	9.40E-01	-4.88E-03	0.00E+00
8.90E+00	1.44E+01	6.95E-01	-2.08E-02	0.00E+00
8.92E+00	1.45E+01	9.55E-01	-1.46E-02	0.00E+00
8.94E+00	1.44E+01	7.87E-01	-2.56E-02	0.00E+00
8.96E+00	1.42E+01	6.95E-01	-2.69E-02	0.00E+00
8.98E+00	1.43E+01	6.34E-01	-2.20E-02	0.00E+00
9.00E+00	1.45E+01	9.40E-01	-2.93E-02	0.00E+00
9.02E+00	1.42E+01	6.49E-01	-2.20E-02	0.00E+00
9.04E+00	1.43E+01	7.41E-01	-2.44E-02	0.00E+00
9.06E+00	1.45E+01	9.09E-01	-7.32E-03	0.00E+00
9.08E+00	1.44E+01	9.25E-01	-9.77E-03	0.00E+00
9.10E+00	1.43E+01	8.48E-01	-1.95E-02	0.00E+00
9.12E+00	1.43E+01	5.12E-01	-2.44E-02	0.00E+00
9.14E+00	1.44E+01	6.80E-01	-1.46E-02	0.00E+00
9.16E+00	1.43E+01	6.95E-01	-1.46E-02	0.00E+00
9.18E+00	1.43E+01	4.20E-01	-2.44E-02	0.00E+00
9.20E+00	1.44E+01	8.18E-01	-3.66E-03	0.00E+00
9.22E+00	1.44E+01	7.56E-01	-1.46E-02	0.00E+00
9.24E+00	1.43E+01	1.11E+00	-1.83E-02	0.00E+00
9.26E+00	1.44E+01	8.18E-01	-1.34E-02	0.00E+00
9.28E+00	1.44E+01	9.55E-01	-1.22E-02	0.00E+00
9.30E+00	1.42E+01	6.65E-01	-2.81E-02	0.00E+00
9.32E+00	1.43E+01	7.26E-01	-2.32E-02	0.00E+00
9.34E+00	1.43E+01	8.18E-01	-7.32E-03	0.00E+00
9.36E+00	1.42E+01	6.65E-01	-4.15E-02	0.00E+00
9.38E+00	1.44E+01	7.41E-01	-1.95E-02	0.00E+00
9.40E+00	1.44E+01	8.48E-01	-2.81E-02	0.00E+00
9.42E+00	1.45E+01	8.18E-01	-7.32E-03	0.00E+00
9.44E+00	1.44E+01	8.48E-01	4.88E-03	0.00E+00
9.46E+00	1.45E+01	9.40E-01	-8.54E-03	0.00E+00
9.48E+00	1.45E+01	7.26E-01	-1.83E-02	0.00E+00
9.50E+00	1.44E+01	6.95E-01	4.88E-03	0.00E+00

9.52E+00	1.44E+01	8.18E-01	-1.34E-02	0.00E+00
9.54E+00	1.43E+01	9.25E-01	-3.05E-02	0.00E+00
9.56E+00	1.43E+01	6.03E-01	-2.69E-02	0.00E+00
9.58E+00	1.43E+01	5.12E-01	-1.95E-02	0.00E+00
9.60E+00	1.38E+01	6.49E-01	-2.08E-02	0.00E+00
9.62E+00	1.38E+01	8.18E-01	-1.95E-02	0.00E+00
9.64E+00	1.39E+01	7.41E-01	-4.88E-03	0.00E+00
9.66E+00	1.39E+01	8.94E-01	-9.77E-03	0.00E+00
9.68E+00	1.37E+01	6.03E-01	-2.93E-02	0.00E+00
9.70E+00	1.34E+01	1.12E+00	-1.22E-03	0.00E+00
9.72E+00	1.33E+01	7.72E-01	-1.46E-02	0.00E+00
9.74E+00	1.32E+01	8.18E-01	-2.69E-02	0.00E+00
9.76E+00	1.31E+01	6.95E-01	-1.95E-02	0.00E+00
9.78E+00	1.29E+01	8.18E-01	-4.88E-03	0.00E+00
9.80E+00	1.31E+01	8.18E-01	-2.44E-03	0.00E+00
9.82E+00	1.25E+01	7.72E-01	-1.22E-03	0.00E+00
9.84E+00	1.26E+01	1.00E+00	-7.32E-03	0.00E+00
9.86E+00	1.26E+01	9.40E-01	-1.22E-03	0.00E+00
9.88E+00	1.23E+01	8.79E-01	-2.20E-02	0.00E+00
9.90E+00	1.19E+01	7.56E-01	-2.32E-02	0.00E+00
9.92E+00	1.20E+01	9.70E-01	7.32E-03	0.00E+00
9.94E+00	1.18E+01	8.79E-01	-1.46E-02	0.00E+00
9.96E+00	1.19E+01	8.48E-01	-3.05E-02	0.00E+00
9.98E+00	1.16E+01	9.40E-01	2.20E-02	0.00E+00
1.00E+01	1.17E+01	9.09E-01	-7.32E-03	0.00E+00
1.00E+01	1.13E+01	7.26E-01	-3.91E-02	0.00E+00
1.00E+01	1.14E+01	4.96E-01	-2.69E-02	0.00E+00
1.01E+01	1.14E+01	7.56E-01	-1.46E-02	0.00E+00
1.01E+01	1.15E+01	8.18E-01	-1.34E-02	0.00E+00
1.01E+01	1.14E+01	7.87E-01	-2.20E-02	0.00E+00
1.01E+01	1.15E+01	8.18E-01	-1.71E-02	0.00E+00
1.01E+01	1.15E+01	1.05E+00	-1.22E-03	0.00E+00
1.02E+01	1.15E+01	5.27E-01	-2.20E-02	0.00E+00
1.02E+01	1.13E+01	6.65E-01	-2.44E-02	0.00E+00
1.02E+01	1.14E+01	7.10E-01	-2.20E-02	0.00E+00
1.02E+01	1.12E+01	7.72E-01	-1.46E-02	0.00E+00
1.02E+01	1.14E+01	6.95E-01	-2.44E-02	0.00E+00
1.03E+01	1.15E+01	1.03E+00	-1.71E-02	0.00E+00
1.03E+01	1.21E+01	8.48E-01	-1.71E-02	0.00E+00
1.03E+01	1.20E+01	8.48E-01	-9.77E-03	0.00E+00
1.03E+01	1.20E+01	7.56E-01	-2.81E-02	0.00E+00
1.03E+01	1.25E+01	9.40E-01	-9.77E-03	0.00E+00
1.04E+01	1.25E+01	8.48E-01	-1.59E-02	0.00E+00
1.04E+01	1.25E+01	7.26E-01	-2.44E-02	0.00E+00
1.04E+01	1.27E+01	7.26E-01	-1.46E-02	0.00E+00
1.04E+01	1.30E+01	9.40E-01	-4.88E-03	0.00E+00
1.04E+01	1.33E+01	8.79E-01	-1.71E-02	0.00E+00

1.05E+01	1.31E+01	8.18E-01	-1.34E-02	0.00E+00
1.05E+01	1.32E+01	8.79E-01	-2.93E-02	0.00E+00
1.05E+01	1.36E+01	8.48E-01	-4.15E-02	0.00E+00
1.05E+01	1.35E+01	5.42E-01	-2.44E-02	0.00E+00
1.05E+01	1.37E+01	6.65E-01	-3.17E-02	0.00E+00
1.06E+01	1.39E+01	8.02E-01	-2.69E-02	0.00E+00
1.06E+01	1.38E+01	8.63E-01	-9.77E-03	0.00E+00
1.06E+01	1.38E+01	8.79E-01	-1.95E-02	0.00E+00
1.06E+01	1.40E+01	7.87E-01	-2.93E-02	0.00E+00
1.06E+01	1.43E+01	7.26E-01	-1.95E-02	0.00E+00
1.07E+01	1.43E+01	7.87E-01	-1.71E-02	0.00E+00
1.07E+01	1.43E+01	6.03E-01	-1.95E-02	0.00E+00
1.07E+01	1.44E+01	8.48E-01	-1.46E-02	0.00E+00
1.07E+01	1.47E+01	1.06E+00	-2.44E-03	0.00E+00
1.07E+01	1.49E+01	6.95E-01	-2.44E-02	0.00E+00
1.08E+01	1.49E+01	6.49E-01	-2.69E-02	0.00E+00
1.08E+01	1.49E+01	4.20E-01	-2.81E-02	0.00E+00
1.08E+01	1.55E+01	1.20E+00	0.00E+00	0.00E+00
1.08E+01	1.56E+01	8.94E-01	-1.59E-02	0.00E+00
1.08E+01	1.55E+01	7.56E-01	-1.95E-02	0.00E+00
1.09E+01	1.58E+01	8.33E-01	-2.20E-02	0.00E+00
1.09E+01	1.62E+01	8.18E-01	-2.08E-02	0.00E+00
1.09E+01	1.60E+01	6.95E-01	-3.05E-02	0.00E+00
1.09E+01	1.58E+01	5.58E-01	-2.44E-02	0.00E+00
1.09E+01	1.66E+01	8.79E-01	-1.95E-02	0.00E+00
1.10E+01	1.66E+01	8.02E-01	-3.66E-02	0.00E+00
1.10E+01	1.66E+01	8.48E-01	-1.46E-02	0.00E+00
1.10E+01	1.67E+01	8.94E-01	-9.77E-03	0.00E+00
1.10E+01	1.67E+01	8.63E-01	1.22E-02	0.00E+00
1.10E+01	1.67E+01	6.95E-01	-2.20E-02	0.00E+00
1.11E+01	1.73E+01	7.56E-01	-2.32E-02	0.00E+00
1.11E+01	1.73E+01	6.34E-01	-9.77E-03	0.00E+00
1.11E+01	1.72E+01	5.73E-01	-2.81E-02	0.00E+00
1.11E+01	1.72E+01	6.19E-01	-1.46E-02	0.00E+00
1.11E+01	1.76E+01	7.56E-01	-1.71E-02	0.00E+00
1.12E+01	1.78E+01	4.81E-01	-2.93E-02	0.00E+00
1.12E+01	1.79E+01	8.48E-01	-1.34E-02	0.00E+00
1.12E+01	1.82E+01	1.02E+00	1.22E-03	0.00E+00
1.12E+01	1.84E+01	8.48E-01	-1.46E-02	0.00E+00
1.12E+01	1.84E+01	9.09E-01	-1.10E-02	0.00E+00
1.13E+01	1.88E+01	7.10E-01	-1.46E-02	0.00E+00
1.13E+01	1.90E+01	7.10E-01	-2.20E-02	0.00E+00
1.13E+01	1.89E+01	5.27E-01	-3.17E-02	0.00E+00
1.13E+01	1.92E+01	1.03E+00	-9.77E-03	0.00E+00
1.13E+01	1.95E+01	7.26E-01	-1.10E-02	0.00E+00
1.14E+01	1.94E+01	7.72E-01	-1.46E-02	0.00E+00
1.14E+01	1.96E+01	8.33E-01	-2.20E-02	0.00E+00

1.14E+01	2.00E+01	1.03E+00	-1.46E-02	0.00E+00
1.14E+01	2.01E+01	7.41E-01	9.77E-03	0.00E+00
1.14E+01	2.01E+01	9.09E-01	6.10E-03	0.00E+00
1.15E+01	2.02E+01	8.18E-01	-7.32E-03	0.00E+00
1.15E+01	2.07E+01	6.95E-01	-1.71E-02	0.00E+00
1.15E+01	2.06E+01	5.42E-01	-2.69E-02	0.00E+00
1.15E+01	2.07E+01	7.87E-01	-4.88E-03	0.00E+00
1.15E+01	2.10E+01	9.09E-01	-1.46E-02	0.00E+00
1.16E+01	2.11E+01	7.26E-01	-2.20E-02	0.00E+00
1.16E+01	2.13E+01	8.33E-01	-1.22E-02	0.00E+00
1.16E+01	2.16E+01	8.48E-01	-2.81E-02	0.00E+00
1.16E+01	2.20E+01	7.41E-01	-2.44E-02	0.00E+00
1.16E+01	2.18E+01	7.26E-01	-3.17E-02	0.00E+00
1.17E+01	2.23E+01	8.18E-01	2.08E-02	0.00E+00
1.17E+01	2.24E+01	7.56E-01	-1.46E-02	0.00E+00
1.17E+01	2.24E+01	7.26E-01	-3.78E-02	0.00E+00
1.17E+01	2.30E+01	8.94E-01	-1.59E-02	0.00E+00
1.17E+01	2.31E+01	1.12E+00	-2.44E-03	0.00E+00
1.18E+01	2.31E+01	7.56E-01	-1.59E-02	0.00E+00
1.18E+01	2.36E+01	6.34E-01	-2.20E-02	0.00E+00
1.18E+01	2.37E+01	6.34E-01	-1.71E-02	0.00E+00
1.18E+01	2.36E+01	7.26E-01	-1.83E-02	0.00E+00
1.18E+01	2.41E+01	6.95E-01	-1.95E-02	0.00E+00
1.19E+01	2.42E+01	6.03E-01	-1.71E-02	0.00E+00
1.19E+01	2.43E+01	1.11E+00	7.32E-03	0.00E+00
1.19E+01	2.46E+01	8.18E-01	-1.46E-02	0.00E+00
1.19E+01	2.47E+01	6.95E-01	-3.05E-02	0.00E+00
1.19E+01	2.47E+01	9.70E-01	-1.46E-02	0.00E+00
1.20E+01	2.51E+01	1.11E+00	0.00E+00	0.00E+00
1.20E+01	2.54E+01	8.48E-01	-7.32E-03	0.00E+00
1.20E+01	2.54E+01	9.70E-01	-1.59E-02	0.00E+00
1.20E+01	2.58E+01	8.48E-01	-2.20E-02	0.00E+00
1.20E+01	2.59E+01	8.18E-01	-1.71E-02	0.00E+00
1.21E+01	2.62E+01	7.41E-01	-1.95E-02	0.00E+00
1.21E+01	2.65E+01	5.73E-01	-3.66E-02	0.00E+00
1.21E+01	2.66E+01	8.48E-01	-1.83E-02	0.00E+00
1.21E+01	2.72E+01	8.18E-01	-2.69E-02	0.00E+00
1.21E+01	2.73E+01	8.33E-01	0.00E+00	0.00E+00
1.22E+01	2.77E+01	9.09E-01	-1.95E-02	0.00E+00
1.22E+01	2.78E+01	8.79E-01	-9.77E-03	0.00E+00
1.22E+01	2.79E+01	7.26E-01	-1.95E-02	0.00E+00
1.22E+01	2.83E+01	6.95E-01	-4.39E-02	0.00E+00
1.22E+01	2.83E+01	8.18E-01	-3.66E-02	0.00E+00
1.23E+01	2.85E+01	7.72E-01	-2.93E-02	0.00E+00
1.23E+01	2.88E+01	7.10E-01	-4.52E-02	0.00E+00
1.23E+01	2.88E+01	7.72E-01	-3.54E-02	0.00E+00
1.23E+01	2.92E+01	9.10E+00	-1.71E-02	0.00E+00

1.23E+01	2.94E+01	1.17E+01	-2.08E-02	0.00E+00
1.24E+01	2.95E+01	1.86E+01	-4.88E-03	0.00E+00
1.24E+01	2.95E+01	2.22E+01	-9.77E-03	0.00E+00
1.24E+01	2.94E+01	1.91E+01	-2.44E-02	0.00E+00
1.24E+01	2.95E+01	1.44E+01	-1.71E-02	0.00E+00
1.24E+01	3.00E+01	1.36E+01	-1.71E-02	0.00E+00
1.25E+01	2.99E+01	1.48E+01	-3.05E-02	0.00E+00
1.25E+01	3.00E+01	2.17E+01	-2.32E-02	0.00E+00
1.25E+01	3.00E+01	2.80E+01	-1.71E-02	0.00E+00
1.25E+01	3.00E+01	3.16E+01	-9.77E-03	0.00E+00
1.25E+01	3.00E+01	3.28E+01	-1.34E-02	0.00E+00
1.26E+01	3.02E+01	2.96E+01	-1.22E-02	0.00E+00
1.26E+01	3.01E+01	2.49E+01	-7.32E-03	0.00E+00
1.26E+01	3.01E+01	2.23E+01	-1.22E-02	0.00E+00
1.26E+01	3.01E+01	2.23E+01	-6.10E-03	0.00E+00
1.26E+01	3.00E+01	2.49E+01	-4.39E-02	0.00E+00
1.27E+01	3.02E+01	2.86E+01	6.10E-03	0.00E+00
1.27E+01	3.07E+01	3.02E+01	-2.20E-02	0.00E+00
1.27E+01	3.05E+01	3.06E+01	-2.69E-02	0.00E+00
1.27E+01	3.03E+01	2.88E+01	-3.91E-02	0.00E+00
1.27E+01	3.07E+01	2.73E+01	-7.32E-03	0.00E+00
1.28E+01	3.05E+01	2.69E+01	-1.46E-02	0.00E+00
1.28E+01	3.05E+01	2.81E+01	-7.32E-03	0.00E+00
1.28E+01	3.06E+01	3.22E+01	-2.20E-02	0.00E+00
1.28E+01	3.06E+01	3.62E+01	4.88E-03	0.00E+00
1.28E+01	3.07E+01	3.96E+01	-1.95E-02	0.00E+00
1.29E+01	3.13E+01	4.24E+01	-1.10E-02	0.00E+00
1.29E+01	3.12E+01	4.07E+01	-2.44E-03	0.00E+00
1.29E+01	3.12E+01	4.40E+01	-2.93E-02	0.00E+00
1.29E+01	3.12E+01	4.27E+01	-4.15E-02	0.00E+00
1.29E+01	3.11E+01	4.43E+01	-3.30E-02	0.00E+00
1.30E+01	3.18E+01	4.83E+01	-2.56E-02	0.00E+00
1.30E+01	3.18E+01	5.12E+01	-1.46E-02	0.00E+00
1.30E+01	3.18E+01	5.22E+01	-1.22E-02	0.00E+00
1.30E+01	3.17E+01	5.23E+01	-1.95E-02	0.00E+00
1.30E+01	3.18E+01	4.98E+01	-9.77E-03	0.00E+00
1.31E+01	3.19E+01	4.82E+01	-9.77E-03	0.00E+00
1.31E+01	3.17E+01	4.71E+01	-1.95E-02	0.00E+00
1.31E+01	3.18E+01	4.62E+01	-1.46E-02	0.00E+00
1.31E+01	3.18E+01	4.46E+01	-1.71E-02	0.00E+00
1.31E+01	3.17E+01	4.12E+01	-2.81E-02	0.00E+00
1.32E+01	3.11E+01	3.75E+01	-2.93E-02	0.00E+00
1.32E+01	3.12E+01	3.43E+01	-1.59E-02	0.00E+00
1.32E+01	3.11E+01	3.18E+01	-3.30E-02	0.00E+00
1.32E+01	3.12E+01	3.08E+01	-1.34E-02	0.00E+00
1.32E+01	3.12E+01	3.06E+01	-8.54E-03	0.00E+00
1.33E+01	3.11E+01	2.98E+01	-1.22E-02	0.00E+00

1.33E+01	3.06E+01	2.85E+01	-1.59E-02	0.00E+00
1.33E+01	3.07E+01	2.71E+01	-1.46E-02	0.00E+00
1.33E+01	3.05E+01	2.63E+01	-3.42E-02	0.00E+00
1.33E+01	3.06E+01	2.68E+01	-1.95E-02	0.00E+00
1.34E+01	3.05E+01	2.77E+01	-1.22E-02	0.00E+00
1.34E+01	3.06E+01	2.86E+01	-1.95E-02	0.00E+00
1.34E+01	3.05E+01	2.83E+01	-4.76E-02	0.00E+00
1.34E+01	3.05E+01	2.75E+01	0.00E+00	0.00E+00
1.34E+01	3.07E+01	2.68E+01	-1.95E-02	0.00E+00
1.35E+01	3.05E+01	2.61E+01	-4.88E-03	0.00E+00
1.35E+01	3.06E+01	2.63E+01	-7.32E-03	0.00E+00
1.35E+01	3.07E+01	2.64E+01	9.77E-03	0.00E+00
1.35E+01	3.07E+01	2.58E+01	-4.88E-03	0.00E+00
1.35E+01	3.06E+01	2.53E+01	-1.95E-02	0.00E+00
1.36E+01	3.06E+01	2.45E+01	-2.44E-02	0.00E+00
1.36E+01	3.04E+01	2.36E+01	-5.13E-02	0.00E+00
1.36E+01	3.07E+01	2.30E+01	-2.20E-02	0.00E+00
1.36E+01	3.07E+01	2.25E+01	-3.42E-02	0.00E+00
1.36E+01	3.06E+01	2.19E+01	-1.46E-02	0.00E+00
1.37E+01	3.05E+01	2.10E+01	-1.95E-02	0.00E+00
1.37E+01	3.06E+01	1.95E+01	-8.54E-03	0.00E+00
1.37E+01	3.02E+01	1.75E+01	-1.34E-02	0.00E+00
1.37E+01	3.00E+01	1.51E+01	-2.08E-02	0.00E+00
1.37E+01	3.01E+01	1.36E+01	-4.88E-03	0.00E+00
1.38E+01	3.01E+01	1.22E+01	-1.95E-02	0.00E+00
1.38E+01	3.00E+01	1.14E+01	-1.95E-02	0.00E+00
1.38E+01	3.00E+01	1.04E+01	-1.71E-02	0.00E+00
1.38E+01	2.99E+01	9.44E+00	-2.93E-02	0.00E+00
1.38E+01	2.99E+01	8.31E+00	-2.56E-02	0.00E+00
1.39E+01	3.00E+01	6.96E+00	-1.95E-02	0.00E+00
1.39E+01	2.94E+01	5.47E+00	-1.22E-02	0.00E+00
1.39E+01	2.94E+01	4.07E+00	-1.46E-02	0.00E+00
1.39E+01	2.94E+01	2.93E+00	-9.77E-03	0.00E+00
1.39E+01	2.95E+01	2.18E+00	0.00E+00	0.00E+00
1.40E+01	2.94E+01	1.31E+00	-2.93E-02	0.00E+00
1.40E+01	2.94E+01	8.79E-01	-1.95E-02	0.00E+00
1.40E+01	2.94E+01	9.09E-01	-3.42E-02	0.00E+00
1.40E+01	2.94E+01	7.26E-01	-2.44E-02	0.00E+00
1.40E+01	2.94E+01	7.87E-01	-4.88E-03	0.00E+00
1.41E+01	2.88E+01	8.48E-01	-7.32E-03	0.00E+00
1.41E+01	2.88E+01	8.02E-01	-2.20E-02	0.00E+00
1.41E+01	2.87E+01	7.10E-01	-3.54E-02	0.00E+00
1.41E+01	2.90E+01	1.06E+00	-7.32E-03	0.00E+00
1.41E+01	2.89E+01	8.18E-01	-3.66E-02	0.00E+00
1.42E+01	2.85E+01	7.87E-01	-3.30E-02	0.00E+00
1.42E+01	2.83E+01	7.87E-01	-2.20E-02	0.00E+00
1.42E+01	2.83E+01	8.63E-01	-1.46E-02	0.00E+00

1.42E+01	2.82E+01	8.79E-01	-2.69E-02	0.00E+00
1.42E+01	2.83E+01	7.41E-01	-1.95E-02	0.00E+00
1.43E+01	2.83E+01	8.48E-01	-1.46E-02	0.00E+00
1.43E+01	2.86E+01	8.79E-01	-1.95E-02	0.00E+00
1.43E+01	2.89E+01	8.63E-01	-1.34E-02	0.00E+00
1.43E+01	2.89E+01	1.00E+00	-4.88E-03	0.00E+00
1.43E+01	2.89E+01	9.86E-01	-1.46E-02	0.00E+00
1.44E+01	2.94E+01	6.65E-01	-1.22E-02	0.00E+00
1.44E+01	2.95E+01	1.56E+01	-1.95E-02	0.00E+00
1.44E+01	2.94E+01	1.96E+01	-1.83E-02	0.00E+00
1.44E+01	2.94E+01	2.63E+01	-3.05E-02	0.00E+00
1.44E+01	3.00E+01	2.69E+01	-2.44E-02	0.00E+00
1.45E+01	3.00E+01	1.60E+01	-2.20E-02	0.00E+00
1.45E+01	3.00E+01	5.40E+00	-2.20E-02	0.00E+00
1.45E+01	3.01E+01	3.78E+00	-1.46E-02	0.00E+00
1.45E+01	3.00E+01	5.07E+00	-1.10E-02	0.00E+00
1.45E+01	3.00E+01	1.30E+01	-2.93E-02	0.00E+00
1.46E+01	3.01E+01	2.54E+01	-9.77E-03	0.00E+00
1.46E+01	3.04E+01	3.27E+01	-4.88E-03	0.00E+00
1.46E+01	3.06E+01	3.48E+01	-2.44E-02	0.00E+00
1.46E+01	3.06E+01	3.05E+01	-2.69E-02	0.00E+00
1.46E+01	3.05E+01	2.21E+01	-1.10E-02	0.00E+00
1.47E+01	3.06E+01	1.90E+01	-3.17E-02	0.00E+00
1.47E+01	3.06E+01	1.97E+01	-1.22E-02	0.00E+00
1.47E+01	3.06E+01	2.31E+01	4.88E-03	0.00E+00
1.47E+01	3.06E+01	2.91E+01	-1.59E-02	0.00E+00
1.47E+01	3.06E+01	3.02E+01	-1.95E-02	0.00E+00
1.48E+01	3.05E+01	3.01E+01	2.44E-03	0.00E+00
1.48E+01	3.06E+01	2.64E+01	-2.69E-02	0.00E+00
1.48E+01	3.06E+01	2.29E+01	-1.22E-02	0.00E+00
1.48E+01	3.07E+01	2.34E+01	-1.95E-02	0.00E+00
1.48E+01	3.06E+01	2.45E+01	-4.15E-02	0.00E+00
1.49E+01	3.04E+01	2.78E+01	-1.59E-02	0.00E+00
1.49E+01	3.06E+01	2.91E+01	-1.46E-02	0.00E+00
1.49E+01	3.07E+01	2.88E+01	-1.10E-02	0.00E+00
1.49E+01	3.06E+01	2.74E+01	-1.46E-02	0.00E+00
1.49E+01	3.06E+01	2.65E+01	-1.59E-02	0.00E+00
1.50E+01	3.07E+01	2.75E+01	-2.44E-03	0.00E+00
1.50E+01	3.06E+01	2.81E+01	-2.44E-02	0.00E+00
1.50E+01	3.06E+01	2.95E+01	-3.17E-02	0.00E+00
1.50E+01	3.06E+01	2.97E+01	-2.08E-02	0.00E+00
1.50E+01	3.06E+01	2.90E+01	-1.46E-02	0.00E+00
1.51E+01	3.06E+01	2.94E+01	-1.10E-02	0.00E+00
1.51E+01	3.06E+01	3.09E+01	-1.46E-02	0.00E+00
1.51E+01	3.07E+01	3.41E+01	-2.44E-03	0.00E+00
1.51E+01	3.11E+01	3.71E+01	-1.95E-02	0.00E+00
1.51E+01	3.12E+01	3.93E+01	-2.69E-02	0.00E+00

1.52E+01	3.11E+01	4.05E+01	-2.20E-02	0.00E+00
1.52E+01	3.12E+01	4.01E+01	-2.20E-02	0.00E+00
1.52E+01	3.11E+01	4.08E+01	-2.20E-02	0.00E+00
1.52E+01	3.11E+01	4.22E+01	-1.46E-02	0.00E+00
1.52E+01	3.15E+01	4.49E+01	-2.44E-03	0.00E+00
1.53E+01	3.18E+01	4.71E+01	-1.95E-02	0.00E+00
1.53E+01	3.18E+01	4.86E+01	-1.83E-02	0.00E+00
1.53E+01	3.18E+01	4.91E+01	-1.46E-02	0.00E+00
1.53E+01	3.17E+01	4.93E+01	2.44E-03	0.00E+00
1.53E+01	3.18E+01	5.04E+01	-8.54E-03	0.00E+00
1.54E+01	3.19E+01	5.22E+01	-1.71E-02	0.00E+00
1.54E+01	3.21E+01	5.45E+01	-3.66E-03	0.00E+00
1.54E+01	3.23E+01	5.58E+01	-6.10E-03	0.00E+00
1.54E+01	3.23E+01	5.69E+01	1.22E-03	0.00E+00
1.54E+01	3.25E+01	5.77E+01	-4.88E-03	0.00E+00
1.55E+01	3.22E+01	5.84E+01	-1.71E-02	0.00E+00
1.55E+01	3.23E+01	5.97E+01	-3.42E-02	0.00E+00
1.55E+01	3.26E+01	6.11E+01	-2.20E-02	0.00E+00
1.55E+01	3.31E+01	6.30E+01	-1.46E-02	0.00E+00
1.55E+01	3.29E+01	6.42E+01	1.71E-02	0.00E+00
1.56E+01	3.29E+01	6.55E+01	-2.20E-02	0.00E+00
1.56E+01	3.30E+01	6.69E+01	-8.54E-03	0.00E+00
1.56E+01	3.36E+01	6.79E+01	-1.34E-02	0.00E+00
1.56E+01	3.35E+01	6.92E+01	-2.32E-02	0.00E+00
1.56E+01	3.35E+01	7.07E+01	-1.46E-02	0.00E+00
1.57E+01	3.35E+01	7.24E+01	-1.95E-02	0.00E+00
1.57E+01	3.37E+01	7.38E+01	-2.93E-02	0.00E+00
1.57E+01	3.40E+01	7.49E+01	-2.44E-02	0.00E+00
1.57E+01	3.41E+01	7.63E+01	-7.32E-03	0.00E+00
1.57E+01	3.41E+01	7.75E+01	-1.22E-02	0.00E+00
1.58E+01	3.41E+01	7.71E+01	-1.95E-02	0.00E+00
1.58E+01	3.41E+01	7.63E+01	-4.88E-03	0.00E+00
1.58E+01	3.41E+01	7.47E+01	-1.71E-02	0.00E+00
1.58E+01	3.40E+01	7.40E+01	-3.17E-02	0.00E+00
1.58E+01	3.41E+01	7.45E+01	-2.20E-02	0.00E+00
1.59E+01	3.41E+01	7.46E+01	-1.46E-02	0.00E+00
1.59E+01	3.34E+01	7.03E+01	-2.44E-02	0.00E+00
1.59E+01	3.23E+01	4.33E+01	-7.32E-03	0.00E+00
1.59E+01	3.16E+01	2.13E+01	-6.10E-03	0.00E+00
1.59E+01	3.11E+01	5.77E+00	-1.46E-02	0.00E+00
1.60E+01	3.12E+01	1.40E+00	-2.93E-02	0.00E+00
1.60E+01	3.11E+01	8.32E+00	-1.22E-03	0.00E+00
1.60E+01	3.15E+01	1.78E+01	-3.30E-02	0.00E+00
1.60E+01	3.18E+01	2.85E+01	-2.81E-02	0.00E+00
1.60E+01	3.17E+01	4.29E+01	-1.95E-02	0.00E+00
1.61E+01	3.17E+01	4.24E+01	-3.91E-02	0.00E+00
1.61E+01	3.15E+01	3.90E+01	-3.05E-02	0.00E+00

1.61E+01	3.16E+01	2.97E+01	-1.71E-02	0.00E+00
1.61E+01	3.18E+01	1.64E+01	-7.32E-03	0.00E+00
1.61E+01	3.12E+01	1.56E+01	-1.95E-02	0.00E+00
1.62E+01	3.12E+01	1.68E+01	-1.22E-02	0.00E+00
1.62E+01	3.13E+01	2.34E+01	-8.54E-03	0.00E+00
1.62E+01	3.16E+01	3.27E+01	-1.71E-02	0.00E+00
1.62E+01	3.17E+01	3.40E+01	-2.93E-02	0.00E+00
1.62E+01	3.17E+01	3.42E+01	-1.10E-02	0.00E+00
1.63E+01	3.17E+01	2.82E+01	-3.66E-02	0.00E+00
1.63E+01	3.17E+01	2.24E+01	-2.69E-02	0.00E+00
1.63E+01	3.18E+01	2.19E+01	-1.22E-02	0.00E+00
1.63E+01	3.17E+01	2.29E+01	-2.20E-02	0.00E+00
1.63E+01	3.17E+01	2.67E+01	-1.34E-02	0.00E+00
1.64E+01	3.18E+01	3.06E+01	4.88E-03	0.00E+00
1.64E+01	3.18E+01	2.95E+01	-1.22E-02	0.00E+00
1.64E+01	3.17E+01	2.80E+01	-3.30E-02	0.00E+00
1.64E+01	3.16E+01	2.49E+01	-2.93E-02	0.00E+00
1.64E+01	3.17E+01	2.38E+01	-1.59E-02	0.00E+00
1.65E+01	3.18E+01	2.56E+01	-2.81E-02	0.00E+00
1.65E+01	3.17E+01	2.72E+01	-3.42E-02	0.00E+00
1.65E+01	3.17E+01	2.94E+01	-3.66E-02	0.00E+00
1.65E+01	3.17E+01	2.87E+01	-1.22E-02	0.00E+00
1.65E+01	3.17E+01	2.64E+01	-2.44E-03	0.00E+00
1.66E+01	3.19E+01	2.54E+01	-1.22E-03	0.00E+00
1.66E+01	3.18E+01	2.45E+01	-2.93E-02	0.00E+00
1.66E+01	3.15E+01	2.66E+01	-2.81E-02	0.00E+00
1.66E+01	3.20E+01	2.84E+01	-1.71E-02	0.00E+00
1.66E+01	3.17E+01	2.84E+01	-1.95E-02	0.00E+00
1.67E+01	3.16E+01	2.73E+01	-3.17E-02	0.00E+00
1.67E+01	3.17E+01	2.58E+01	-1.71E-02	0.00E+00
1.67E+01	3.17E+01	2.50E+01	-2.81E-02	0.00E+00
1.67E+01	3.17E+01	2.60E+01	-2.56E-02	0.00E+00
1.67E+01	3.18E+01	2.76E+01	-1.46E-02	0.00E+00
1.68E+01	3.18E+01	2.86E+01	-1.71E-02	0.00E+00
1.68E+01	3.17E+01	2.78E+01	-1.71E-02	0.00E+00
1.68E+01	3.18E+01	2.65E+01	-7.32E-03	0.00E+00
1.68E+01	3.18E+01	2.56E+01	-1.83E-02	0.00E+00
1.68E+01	3.17E+01	2.58E+01	-1.59E-02	0.00E+00

Current File O:\Projects\914220~1\ODYSSE~1\processed_data\Ody1121A.csv

Original File C:\Data\9142OdysseyLiftGate\Ody1121.dx3

File descrip 9142 2005 Honda Odyssey LiftGate liftgate - Esser

Project ID: Project ID

File ID: ORIGINAL

Test Date: #####

Test Time: 27:48.0

Current Da #####

Current Tin 8:36:18

Number of 4

Number of 768

Independe 0.02

Independe -3.7

Independe Sec

Time	Angle	Force	LiftgateMo	StrutCal	Displacement
Sec	Degrees	lbs	volts	inches	
-3.70E+00	7.47E+01	4.89E-03	-2.69E-02	0.00E+00	
-3.68E+00	7.48E+01	1.27E-01	-1.71E-02	0.00E+00	
-3.66E+00	7.47E+01	9.66E-02	-2.44E-02	0.00E+00	
-3.64E+00	7.47E+01	6.61E-02	-7.32E-03	0.00E+00	
-3.62E+00	7.49E+01	-1.79E-01	-1.46E-02	0.00E+00	
-3.60E+00	7.47E+01	4.89E-03	-7.32E-03	0.00E+00	
-3.58E+00	7.48E+01	5.08E-02	-2.32E-02	0.00E+00	
-3.56E+00	7.47E+01	-1.04E-02	-1.22E-02	0.00E+00	
-3.54E+00	7.47E+01	6.61E-02	-1.71E-02	0.00E+00	
-3.52E+00	7.48E+01	3.55E-02	-1.46E-02	0.00E+00	
-3.50E+00	7.48E+01	2.02E-02	-7.32E-03	0.00E+00	
-3.48E+00	7.48E+01	-1.17E-01	-4.52E-02	0.00E+00	
-3.46E+00	7.48E+01	-4.08E-01	-1.34E-02	0.00E+00	
-3.44E+00	7.48E+01	-2.57E-02	-2.20E-02	0.00E+00	
-3.42E+00	7.48E+01	5.08E-02	-1.71E-02	0.00E+00	
-3.40E+00	7.48E+01	3.55E-02	-4.88E-03	0.00E+00	
-3.38E+00	7.48E+01	2.19E-01	-2.20E-02	0.00E+00	
-3.36E+00	7.48E+01	-1.17E-01	-1.71E-02	0.00E+00	
-3.34E+00	7.47E+01	-1.17E-01	-1.95E-02	0.00E+00	
-3.32E+00	7.48E+01	-5.63E-02	-1.71E-02	0.00E+00	
-3.30E+00	7.48E+01	3.41E-01	-2.20E-02	0.00E+00	
-3.28E+00	7.49E+01	6.61E-02	-2.20E-02	0.00E+00	
-3.26E+00	7.48E+01	1.58E-01	-2.93E-02	0.00E+00	
-3.24E+00	7.48E+01	-7.16E-02	9.77E-03	0.00E+00	
-3.22E+00	7.48E+01	-2.57E-02	-1.71E-02	0.00E+00	
-3.20E+00	7.47E+01	-7.16E-02	-4.88E-03	0.00E+00	
-3.18E+00	7.48E+01	6.61E-02	-1.34E-02	0.00E+00	
-3.16E+00	7.47E+01	-7.16E-02	-1.22E-02	0.00E+00	
-3.14E+00	7.47E+01	3.55E-02	-1.46E-02	0.00E+00	
-3.12E+00	7.48E+01	3.55E-02	-2.32E-02	0.00E+00	
-3.10E+00	7.48E+01	-2.57E-02	-2.44E-02	0.00E+00	

-3.08E+00	7.47E+01	3.55E-02	-3.66E-03	0.00E+00
-3.06E+00	7.48E+01	-3.01E-01	-1.71E-02	0.00E+00
-3.04E+00	7.47E+01	-2.57E-02	2.44E-03	0.00E+00
-3.02E+00	7.48E+01	5.08E-02	-2.08E-02	0.00E+00
-3.00E+00	7.48E+01	-2.09E-01	-1.46E-02	0.00E+00
-2.98E+00	7.48E+01	2.04E-01	-2.08E-02	0.00E+00
-2.96E+00	7.48E+01	3.55E-02	-1.46E-02	0.00E+00
-2.94E+00	7.47E+01	-1.04E-02	-2.44E-03	0.00E+00
-2.92E+00	7.48E+01	9.66E-02	3.66E-03	0.00E+00
-2.90E+00	7.48E+01	-2.70E-01	-2.69E-02	0.00E+00
-2.88E+00	7.48E+01	3.55E-02	-3.42E-02	0.00E+00
-2.86E+00	7.48E+01	-1.79E-01	-1.95E-02	0.00E+00
-2.84E+00	7.47E+01	-1.48E-01	-1.34E-02	0.00E+00
-2.82E+00	7.49E+01	-1.17E-01	-3.42E-02	0.00E+00
-2.80E+00	7.47E+01	3.55E-02	-1.46E-02	0.00E+00
-2.78E+00	7.48E+01	-5.63E-02	-2.32E-02	0.00E+00
-2.76E+00	7.47E+01	-8.68E-02	-1.22E-02	0.00E+00
-2.74E+00	7.47E+01	1.12E-01	-1.95E-02	0.00E+00
-2.72E+00	7.48E+01	-2.09E-01	-1.46E-02	0.00E+00
-2.70E+00	7.47E+01	-2.24E-01	1.22E-02	0.00E+00
-2.68E+00	7.47E+01	-2.57E-02	-4.88E-03	0.00E+00
-2.66E+00	7.49E+01	9.66E-02	-3.05E-02	0.00E+00
-2.64E+00	7.47E+01	-1.79E-01	-1.22E-02	0.00E+00
-2.62E+00	7.48E+01	4.89E-03	-3.30E-02	0.00E+00
-2.60E+00	7.47E+01	-1.48E-01	-9.77E-03	0.00E+00
-2.58E+00	7.47E+01	1.12E-01	-1.59E-02	0.00E+00
-2.56E+00	7.48E+01	2.02E-02	-2.44E-03	0.00E+00
-2.54E+00	7.47E+01	-1.17E-01	-1.46E-02	0.00E+00
-2.52E+00	7.47E+01	-3.77E-01	-1.46E-02	0.00E+00
-2.50E+00	7.46E+01	4.89E-03	-6.10E-03	0.00E+00
-2.48E+00	7.47E+01	6.61E-02	-1.95E-02	0.00E+00
-2.46E+00	7.48E+01	-5.63E-02	-1.46E-02	0.00E+00
-2.44E+00	7.47E+01	-5.63E-02	-1.71E-02	0.00E+00
-2.42E+00	7.47E+01	5.08E-02	-1.95E-02	0.00E+00
-2.40E+00	7.47E+01	1.27E-01	-1.10E-02	0.00E+00
-2.38E+00	7.47E+01	3.55E-02	-1.83E-02	0.00E+00
-2.36E+00	7.48E+01	-2.57E-02	-1.46E-02	0.00E+00
-2.34E+00	7.47E+01	-1.79E-01	-1.71E-02	0.00E+00
-2.32E+00	7.48E+01	6.61E-02	-9.77E-03	0.00E+00
-2.30E+00	7.47E+01	-1.48E-01	-3.17E-02	0.00E+00
-2.28E+00	7.47E+01	1.58E-01	-4.88E-03	0.00E+00
-2.26E+00	7.48E+01	1.58E-01	-4.88E-03	0.00E+00
-2.24E+00	7.48E+01	6.61E-02	-1.71E-02	0.00E+00
-2.22E+00	7.47E+01	9.66E-02	-1.71E-02	0.00E+00
-2.20E+00	7.47E+01	-2.57E-02	-6.10E-03	0.00E+00
-2.18E+00	7.47E+01	-5.63E-02	-1.95E-02	0.00E+00
-2.16E+00	7.47E+01	4.89E-03	-1.95E-02	0.00E+00

-2.14E+00	7.48E+01	2.02E-02	-3.30E-02	0.00E+00
-2.12E+00	7.47E+01	1.58E-01	-1.22E-02	0.00E+00
-2.10E+00	7.46E+01	-1.02E-01	-3.17E-02	0.00E+00
-2.08E+00	7.48E+01	-3.01E-01	-1.34E-02	0.00E+00
-2.06E+00	7.46E+01	3.55E-02	-1.22E-02	0.00E+00
-2.04E+00	7.47E+01	1.88E-01	-1.22E-02	0.00E+00
-2.02E+00	7.48E+01	4.89E-03	-2.32E-02	0.00E+00
-2.00E+00	7.47E+01	-2.57E-02	-2.69E-02	0.00E+00
-1.98E+00	7.48E+01	8.13E-02	-1.95E-02	0.00E+00
-1.96E+00	7.48E+01	1.73E-01	-1.71E-02	0.00E+00
-1.94E+00	7.46E+01	1.88E-01	2.44E-03	0.00E+00
-1.92E+00	7.48E+01	-5.63E-02	-6.10E-03	0.00E+00
-1.90E+00	7.46E+01	-2.09E-01	-2.20E-02	0.00E+00
-1.88E+00	7.47E+01	1.88E-01	-1.46E-02	0.00E+00
-1.86E+00	7.48E+01	-1.02E-01	-1.59E-02	0.00E+00
-1.84E+00	7.47E+01	-8.68E-02	-1.71E-02	0.00E+00
-1.82E+00	7.47E+01	2.19E-01	-9.77E-03	0.00E+00
-1.80E+00	7.48E+01	-5.63E-02	-1.46E-02	0.00E+00
-1.78E+00	7.45E+01	-2.57E-02	-1.46E-02	0.00E+00
-1.76E+00	7.48E+01	-2.09E-01	-2.93E-02	0.00E+00
-1.74E+00	7.48E+01	-8.68E-02	-1.46E-02	0.00E+00
-1.72E+00	7.47E+01	6.61E-02	-1.34E-02	0.00E+00
-1.70E+00	7.48E+01	3.55E-02	-1.95E-02	0.00E+00
-1.68E+00	7.48E+01	-5.63E-02	-8.54E-03	0.00E+00
-1.66E+00	7.47E+01	-4.10E-02	-1.46E-02	0.00E+00
-1.64E+00	7.47E+01	1.88E-01	-1.71E-02	0.00E+00
-1.62E+00	7.45E+01	4.89E-03	-7.32E-03	0.00E+00
-1.60E+00	7.47E+01	6.61E-02	-3.17E-02	0.00E+00
-1.58E+00	7.46E+01	1.27E-01	-1.46E-02	0.00E+00
-1.56E+00	7.47E+01	-8.68E-02	2.44E-03	0.00E+00
-1.54E+00	7.47E+01	4.89E-03	-1.10E-02	0.00E+00
-1.52E+00	7.47E+01	-1.33E-01	-1.22E-02	0.00E+00
-1.50E+00	7.47E+01	-5.63E-02	-1.34E-02	0.00E+00
-1.48E+00	7.47E+01	4.89E-03	-7.32E-03	0.00E+00
-1.46E+00	7.48E+01	4.89E-03	-1.46E-02	0.00E+00
-1.44E+00	7.47E+01	-2.57E-02	-2.44E-02	0.00E+00
-1.42E+00	7.48E+01	-7.16E-02	-1.95E-02	0.00E+00
-1.40E+00	7.49E+01	4.89E-03	-2.20E-02	0.00E+00
-1.38E+00	7.47E+01	-5.63E-02	-1.22E-02	0.00E+00
-1.36E+00	7.47E+01	-5.63E-02	-1.46E-02	0.00E+00
-1.34E+00	7.48E+01	6.61E-02	-2.44E-02	0.00E+00
-1.32E+00	7.48E+01	-4.10E-02	-1.46E-02	0.00E+00
-1.30E+00	7.48E+01	1.12E-01	-2.93E-02	0.00E+00
-1.28E+00	7.47E+01	-1.79E-01	-2.44E-03	0.00E+00
-1.26E+00	7.47E+01	-3.01E-01	-1.83E-02	0.00E+00
-1.24E+00	7.46E+01	3.55E-02	0.00E+00	0.00E+00
-1.22E+00	7.48E+01	-3.31E-01	-1.95E-02	0.00E+00

-1.20E+00	7.47E+01	-1.04E-02	-2.44E-02	0.00E+00
-1.18E+00	7.48E+01	1.88E-01	-2.20E-02	0.00E+00
-1.16E+00	7.48E+01	-1.48E-01	-8.54E-03	0.00E+00
-1.14E+00	7.47E+01	-1.17E-01	-2.20E-02	0.00E+00
-1.12E+00	7.47E+01	3.55E-02	9.77E-03	0.00E+00
-1.10E+00	7.48E+01	-2.70E-01	-1.83E-02	0.00E+00
-1.08E+00	7.49E+01	-2.57E-02	-3.91E-02	0.00E+00
-1.06E+00	7.48E+01	3.55E-02	-2.20E-02	0.00E+00
-1.04E+00	7.47E+01	-5.63E-02	-9.77E-03	0.00E+00
-1.02E+00	7.47E+01	9.66E-02	-1.46E-02	0.00E+00
-1.00E+00	7.48E+01	-1.17E-01	-1.71E-02	0.00E+00
-9.80E-01	7.47E+01	6.61E-02	-9.77E-03	0.00E+00
-9.60E-01	7.48E+01	6.61E-02	-4.88E-02	0.00E+00
-9.40E-01	7.48E+01	2.19E-01	-1.59E-02	0.00E+00
-9.20E-01	7.49E+01	3.55E-02	-2.93E-02	0.00E+00
-9.00E-01	7.48E+01	2.50E-01	-2.20E-02	0.00E+00
-8.80E-01	7.47E+01	4.89E-03	-9.77E-03	0.00E+00
-8.60E-01	7.47E+01	-7.16E-02	-1.46E-02	0.00E+00
-8.40E-01	7.48E+01	8.13E-02	-3.17E-02	0.00E+00
-8.20E-01	7.48E+01	4.89E-03	-1.71E-02	0.00E+00
-8.00E-01	7.48E+01	-5.63E-02	-1.22E-02	0.00E+00
-7.80E-01	7.47E+01	3.11E-01	-1.46E-02	0.00E+00
-7.60E-01	7.47E+01	3.55E-02	-1.46E-02	0.00E+00
-7.40E-01	7.47E+01	-2.57E-02	-8.54E-03	0.00E+00
-7.20E-01	7.47E+01	3.55E-02	-4.88E-03	0.00E+00
-7.00E-01	7.48E+01	2.19E-01	-2.20E-02	0.00E+00
-6.80E-01	7.47E+01	3.55E-02	-1.22E-02	0.00E+00
-6.60E-01	7.48E+01	-2.57E-02	-2.69E-02	0.00E+00
-6.40E-01	7.48E+01	-2.57E-02	6.10E-03	0.00E+00
-6.20E-01	7.46E+01	-1.79E-01	-1.22E-02	0.00E+00
-6.00E-01	7.48E+01	-2.57E-02	-7.32E-03	0.00E+00
-5.80E-01	7.47E+01	3.55E-02	-1.95E-02	0.00E+00
-5.60E-01	7.48E+01	8.13E-02	-2.69E-02	0.00E+00
-5.40E-01	7.48E+01	9.66E-02	-1.95E-02	0.00E+00
-5.20E-01	7.46E+01	-5.63E-02	-7.32E-03	0.00E+00
-5.00E-01	7.47E+01	6.61E-02	-9.77E-03	0.00E+00
-4.80E-01	7.48E+01	6.61E-02	-2.44E-03	0.00E+00
-4.60E-01	7.48E+01	1.27E-01	-1.46E-02	0.00E+00
-4.40E-01	7.48E+01	-2.57E-02	-3.42E-02	0.00E+00
-4.20E-01	7.47E+01	-1.04E-02	-1.59E-02	0.00E+00
-4.00E-01	7.45E+01	8.13E-02	-1.10E-02	0.00E+00
-3.80E-01	7.44E+01	1.88E-01	-1.71E-02	0.00E+00
-3.60E-01	7.44E+01	4.89E-03	-1.10E-02	0.00E+00
-3.40E-01	7.49E+01	-4.10E-02	-1.95E-02	0.00E+00
-3.20E-01	7.47E+01	-1.79E-01	1.22E-03	0.00E+00
-3.00E-01	7.46E+01	3.55E-02	-4.88E-03	0.00E+00
-2.80E-01	7.48E+01	1.27E-01	-1.46E-02	0.00E+00

-2.60E-01	7.48E+01	-2.57E-02	-2.20E-02	0.00E+00
-2.40E-01	7.47E+01	2.02E-02	-7.32E-03	0.00E+00
-2.20E-01	7.47E+01	3.55E-02	-1.83E-02	0.00E+00
-2.00E-01	7.47E+01	-1.04E-02	-3.66E-03	0.00E+00
-1.80E-01	7.45E+01	3.55E-02	-9.77E-03	0.00E+00
-1.60E-01	7.47E+01	3.57E-01	4.88E-03	0.00E+00
-1.40E-01	7.46E+01	4.89E-03	-1.71E-02	0.00E+00
-1.20E-01	7.47E+01	-2.57E-02	-1.95E-02	0.00E+00
-1.00E-01	7.47E+01	-2.57E-02	-1.46E-02	0.00E+00
-8.00E-02	7.47E+01	3.55E-02	-1.71E-02	0.00E+00
-6.00E-02	7.48E+01	3.55E-02	-2.44E-03	0.00E+00
-4.00E-02	7.48E+01	-2.40E-01	-2.93E-02	0.00E+00
-2.00E-02	7.43E+01	-1.17E-01	2.44E-03	0.00E+00
0.00E+00	7.42E+01	-1.79E-01	-2.44E-02	0.00E+00
2.00E-02	7.41E+01	6.61E-02	-9.77E-03	0.00E+00
4.00E-02	7.41E+01	1.27E-01	-1.71E-02	0.00E+00
6.00E-02	7.42E+01	3.55E-02	-2.08E-02	0.00E+00
8.00E-02	7.42E+01	9.66E-02	-2.32E-02	0.00E+00
1.00E-01	7.39E+01	9.66E-02	-4.88E-03	0.00E+00
1.20E-01	7.36E+01	-1.48E-01	-1.95E-02	0.00E+00
1.40E-01	7.34E+01	4.89E-03	-3.30E-02	0.00E+00
1.60E-01	7.36E+01	-8.68E-02	-3.42E-02	0.00E+00
1.80E-01	7.36E+01	-8.68E-02	-1.95E-02	0.00E+00
2.00E-01	7.33E+01	4.89E-03	-1.59E-02	0.00E+00
2.20E-01	7.30E+01	2.02E-02	-1.95E-02	0.00E+00
2.40E-01	7.30E+01	-5.63E-02	-7.32E-03	0.00E+00
2.60E-01	7.29E+01	4.89E-03	-2.69E-02	0.00E+00
2.80E-01	7.27E+01	-1.48E-01	-2.69E-02	0.00E+00
3.00E-01	7.23E+01	-8.68E-02	-2.44E-03	0.00E+00
3.20E-01	7.24E+01	-2.40E-01	-3.17E-02	0.00E+00
3.40E-01	7.24E+01	6.61E-02	-1.22E-02	0.00E+00
3.60E-01	7.19E+01	1.27E-01	-1.83E-02	0.00E+00
3.80E-01	7.20E+01	-2.57E-02	-1.95E-02	0.00E+00
4.00E-01	7.17E+01	-5.63E-02	-2.44E-03	0.00E+00
4.20E-01	7.16E+01	4.89E-03	-4.88E-02	0.00E+00
4.40E-01	7.14E+01	6.61E-02	-9.77E-03	0.00E+00
4.60E-01	7.11E+01	-2.57E-02	2.44E-03	0.00E+00
4.80E-01	7.12E+01	4.89E-03	-1.10E-02	0.00E+00
5.00E-01	7.09E+01	3.55E-02	-2.08E-02	0.00E+00
5.20E-01	7.09E+01	-4.10E-02	-1.95E-02	0.00E+00
5.40E-01	7.05E+01	6.61E-02	-1.95E-02	0.00E+00
5.60E-01	7.05E+01	9.66E-02	-2.08E-02	0.00E+00
5.80E-01	7.07E+01	1.88E-01	0.00E+00	0.00E+00
6.00E-01	7.02E+01	-1.94E-01	-2.20E-02	0.00E+00
6.20E-01	6.99E+01	-8.68E-02	-1.95E-02	0.00E+00
6.40E-01	7.00E+01	6.61E-02	-1.71E-02	0.00E+00
6.60E-01	6.95E+01	-2.09E-01	-2.69E-02	0.00E+00

6.80E-01	6.91E+01	-7.16E-02	-1.71E-02	0.00E+00
7.00E-01	6.96E+01	6.61E-02	-4.52E-02	0.00E+00
7.20E-01	6.89E+01	-7.16E-02	-1.95E-02	0.00E+00
7.40E-01	6.85E+01	3.55E-02	-8.54E-03	0.00E+00
7.60E-01	6.88E+01	4.89E-03	-2.08E-02	0.00E+00
7.80E-01	6.82E+01	-8.68E-02	-1.34E-02	0.00E+00
8.00E-01	6.78E+01	-4.10E-02	-2.44E-02	0.00E+00
8.20E-01	6.79E+01	4.89E-03	-2.44E-03	0.00E+00
8.40E-01	6.76E+01	-2.70E-01	-2.08E-02	0.00E+00
8.60E-01	6.73E+01	3.55E-02	-3.17E-02	0.00E+00
8.80E-01	6.72E+01	-1.04E-02	-1.95E-02	0.00E+00
9.00E-01	6.71E+01	3.55E-02	-1.22E-03	0.00E+00
9.20E-01	6.67E+01	2.19E-01	-1.71E-02	0.00E+00
9.40E-01	6.66E+01	-5.63E-02	-2.44E-02	0.00E+00
9.60E-01	6.66E+01	-8.68E-02	-2.20E-02	0.00E+00
9.80E-01	6.61E+01	3.55E-02	-4.27E-02	0.00E+00
1.00E+00	6.60E+01	2.50E-01	-9.77E-03	0.00E+00
1.02E+00	6.61E+01	1.58E-01	-1.59E-02	0.00E+00
1.04E+00	6.56E+01	6.61E-02	-2.20E-02	0.00E+00
1.06E+00	6.55E+01	-5.63E-02	-2.56E-02	0.00E+00
1.08E+00	6.54E+01	-1.04E-02	-1.71E-02	0.00E+00
1.10E+00	6.50E+01	1.27E-01	-2.08E-02	0.00E+00
1.12E+00	6.50E+01	3.55E-02	0.00E+00	0.00E+00
1.14E+00	6.48E+01	-1.17E-01	-2.44E-02	0.00E+00
1.16E+00	6.45E+01	4.89E-03	-2.44E-02	0.00E+00
1.18E+00	6.43E+01	-8.68E-02	-2.08E-02	0.00E+00
1.20E+00	6.43E+01	9.66E-02	-1.46E-02	0.00E+00
1.22E+00	6.37E+01	3.55E-02	-2.93E-02	0.00E+00
1.24E+00	6.38E+01	-8.68E-02	3.66E-03	0.00E+00
1.26E+00	6.34E+01	-2.57E-02	-4.88E-03	0.00E+00
1.28E+00	6.31E+01	2.02E-02	-3.66E-02	0.00E+00
1.30E+00	6.31E+01	-1.48E-01	-2.20E-02	0.00E+00
1.32E+00	6.29E+01	8.13E-02	-1.46E-02	0.00E+00
1.34E+00	6.26E+01	-5.63E-02	-1.95E-02	0.00E+00
1.36E+00	6.27E+01	4.89E-03	-1.22E-02	0.00E+00
1.38E+00	6.22E+01	2.65E-01	-2.20E-02	0.00E+00
1.40E+00	6.21E+01	-1.63E-01	7.32E-03	0.00E+00
1.42E+00	6.20E+01	4.89E-03	-1.71E-02	0.00E+00
1.44E+00	6.14E+01	-1.02E-01	-2.81E-02	0.00E+00
1.46E+00	6.14E+01	-1.33E-01	-7.32E-03	0.00E+00
1.48E+00	6.13E+01	-2.57E-02	-9.77E-03	0.00E+00
1.50E+00	6.09E+01	-3.31E-01	-2.81E-02	0.00E+00
1.52E+00	6.09E+01	6.61E-02	-9.77E-03	0.00E+00
1.54E+00	6.09E+01	9.66E-02	-2.32E-02	0.00E+00
1.56E+00	6.03E+01	4.89E-03	-4.88E-03	0.00E+00
1.58E+00	6.02E+01	-1.04E-02	-1.22E-02	0.00E+00
1.60E+00	6.01E+01	1.27E-01	-1.83E-02	0.00E+00

1.62E+00	5.96E+01	4.89E-03	-1.71E-02	0.00E+00
1.64E+00	5.96E+01	3.55E-02	-4.88E-03	0.00E+00
1.66E+00	5.95E+01	-2.09E-01	-2.44E-02	0.00E+00
1.68E+00	5.90E+01	-1.17E-01	-1.22E-03	0.00E+00
1.70E+00	5.90E+01	-7.16E-02	-3.66E-03	0.00E+00
1.72E+00	5.88E+01	3.55E-02	-2.69E-02	0.00E+00
1.74E+00	5.85E+01	6.61E-02	-1.10E-02	0.00E+00
1.76E+00	5.85E+01	3.11E-01	-1.34E-02	0.00E+00
1.78E+00	5.80E+01	3.55E-02	-2.69E-02	0.00E+00
1.80E+00	5.80E+01	1.73E-01	-4.88E-03	0.00E+00
1.82E+00	5.80E+01	5.08E-02	-1.46E-02	0.00E+00
1.84E+00	5.74E+01	-2.57E-02	-2.93E-02	0.00E+00
1.86E+00	5.73E+01	-1.33E-01	-1.34E-02	0.00E+00
1.88E+00	5.71E+01	4.89E-03	-8.54E-03	0.00E+00
1.90E+00	5.68E+01	1.88E-01	-2.93E-02	0.00E+00
1.92E+00	5.67E+01	1.27E-01	-1.83E-02	0.00E+00
1.94E+00	5.60E+01	-1.33E-01	-2.32E-02	0.00E+00
1.96E+00	5.62E+01	-3.31E-01	-8.54E-03	0.00E+00
1.98E+00	5.60E+01	4.89E-03	-1.46E-02	0.00E+00
2.00E+00	5.57E+01	9.66E-02	-1.59E-02	0.00E+00
2.02E+00	5.55E+01	-2.57E-02	-2.44E-02	0.00E+00
2.04E+00	5.53E+01	-5.63E-02	-1.34E-02	0.00E+00
2.06E+00	5.50E+01	1.88E-01	-2.44E-03	0.00E+00
2.08E+00	5.50E+01	1.27E-01	-1.22E-02	0.00E+00
2.10E+00	5.43E+01	4.89E-03	-2.69E-02	0.00E+00
2.12E+00	5.45E+01	4.89E-03	-2.81E-02	0.00E+00
2.14E+00	5.42E+01	-1.04E-02	-1.46E-02	0.00E+00
2.16E+00	5.38E+01	4.89E-03	-1.46E-02	0.00E+00
2.18E+00	5.40E+01	4.89E-03	-1.71E-02	0.00E+00
2.20E+00	5.33E+01	-1.48E-01	-1.22E-02	0.00E+00
2.22E+00	5.34E+01	1.58E-01	-1.83E-02	0.00E+00
2.24E+00	5.33E+01	2.02E-02	-1.95E-02	0.00E+00
2.26E+00	5.26E+01	-5.63E-02	-1.22E-02	0.00E+00
2.28E+00	5.27E+01	1.12E-01	-1.71E-02	0.00E+00
2.30E+00	5.24E+01	9.66E-02	-1.10E-02	0.00E+00
2.32E+00	5.20E+01	3.41E-01	-7.32E-03	0.00E+00
2.34E+00	5.20E+01	1.58E-01	-3.91E-02	0.00E+00
2.36E+00	5.17E+01	-8.68E-02	-1.95E-02	0.00E+00
2.38E+00	5.14E+01	-2.57E-02	-1.95E-02	0.00E+00
2.40E+00	5.15E+01	-1.63E-01	-1.83E-02	0.00E+00
2.42E+00	5.09E+01	-5.63E-02	-7.32E-03	0.00E+00
2.44E+00	5.08E+01	-2.57E-02	-1.46E-02	0.00E+00
2.46E+00	5.10E+01	1.58E-01	-9.77E-03	0.00E+00
2.48E+00	5.05E+01	2.02E-02	-1.71E-02	0.00E+00
2.50E+00	5.04E+01	6.61E-02	-2.44E-02	0.00E+00
2.52E+00	5.01E+01	-1.48E-01	-1.71E-02	0.00E+00
2.54E+00	4.97E+01	6.61E-02	-1.22E-03	0.00E+00

2.56E+00	4.98E+01	2.04E-01	-1.46E-02	0.00E+00
2.58E+00	4.96E+01	2.50E-01	-2.08E-02	0.00E+00
2.60E+00	4.93E+01	-1.02E-01	-4.52E-02	0.00E+00
2.62E+00	4.92E+01	1.43E-01	-2.44E-03	0.00E+00
2.64E+00	4.87E+01	-1.48E-01	-1.59E-02	0.00E+00
2.66E+00	4.86E+01	-7.16E-02	-1.22E-02	0.00E+00
2.68E+00	4.83E+01	6.61E-02	-1.46E-02	0.00E+00
2.70E+00	4.81E+01	3.55E-02	-7.32E-03	0.00E+00
2.72E+00	4.80E+01	2.02E-02	-3.91E-02	0.00E+00
2.74E+00	4.76E+01	-1.79E-01	-2.44E-02	0.00E+00
2.76E+00	4.74E+01	-1.48E-01	-1.59E-02	0.00E+00
2.78E+00	4.74E+01	6.61E-02	-9.77E-03	0.00E+00
2.80E+00	4.69E+01	1.27E-01	-1.95E-02	0.00E+00
2.82E+00	4.69E+01	-8.68E-02	-1.46E-02	0.00E+00
2.84E+00	4.64E+01	1.27E-01	-1.59E-02	0.00E+00
2.86E+00	4.64E+01	4.89E-03	-1.22E-02	0.00E+00
2.88E+00	4.60E+01	-1.17E-01	-3.91E-02	0.00E+00
2.90E+00	4.57E+01	-1.63E-01	-1.46E-02	0.00E+00
2.92E+00	4.58E+01	4.89E-03	-1.83E-02	0.00E+00
2.94E+00	4.51E+01	3.55E-02	-1.46E-02	0.00E+00
2.96E+00	4.52E+01	-7.16E-02	-1.71E-02	0.00E+00
2.98E+00	4.49E+01	-2.09E-01	-2.08E-02	0.00E+00
3.00E+00	4.44E+01	-8.68E-02	-4.88E-03	0.00E+00
3.02E+00	4.43E+01	-2.09E-01	-1.34E-02	0.00E+00
3.04E+00	4.41E+01	4.89E-03	4.88E-03	0.00E+00
3.06E+00	4.40E+01	-5.63E-02	-1.71E-02	0.00E+00
3.08E+00	4.35E+01	-1.04E-02	-3.42E-02	0.00E+00
3.10E+00	4.34E+01	-2.55E-01	-9.77E-03	0.00E+00
3.12E+00	4.29E+01	-2.57E-02	-1.22E-02	0.00E+00
3.14E+00	4.28E+01	-1.79E-01	-1.22E-02	0.00E+00
3.16E+00	4.24E+01	-2.57E-02	-3.42E-02	0.00E+00
3.18E+00	4.23E+01	1.27E-01	-1.95E-02	0.00E+00
3.20E+00	4.23E+01	4.89E-03	-3.17E-02	0.00E+00
3.22E+00	4.17E+01	-1.79E-01	-1.22E-02	0.00E+00
3.24E+00	4.16E+01	4.89E-03	-4.88E-03	0.00E+00
3.26E+00	4.13E+01	-1.04E-02	-2.44E-02	0.00E+00
3.28E+00	4.11E+01	6.61E-02	-4.88E-03	0.00E+00
3.30E+00	4.12E+01	-8.68E-02	-2.20E-02	0.00E+00
3.32E+00	4.07E+01	-1.04E-02	-1.71E-02	0.00E+00
3.34E+00	4.05E+01	9.66E-02	-1.46E-02	0.00E+00
3.36E+00	4.03E+01	4.89E-03	-2.32E-02	0.00E+00
3.38E+00	4.00E+01	-8.68E-02	-1.34E-02	0.00E+00
3.40E+00	3.97E+01	8.13E-02	-7.32E-03	0.00E+00
3.42E+00	3.95E+01	-1.79E-01	-1.22E-02	0.00E+00
3.44E+00	3.93E+01	-1.48E-01	4.88E-03	0.00E+00
3.46E+00	3.87E+01	2.19E-01	-1.95E-02	0.00E+00
3.48E+00	3.89E+01	-1.04E-02	-9.77E-03	0.00E+00

3.50E+00	3.84E+01	-2.57E-02	-1.83E-02	0.00E+00
3.52E+00	3.83E+01	-5.63E-02	-9.77E-03	0.00E+00
3.54E+00	3.79E+01	1.27E-01	-4.88E-03	0.00E+00
3.56E+00	3.79E+01	2.34E-01	-2.69E-02	0.00E+00
3.58E+00	3.72E+01	-5.63E-02	-3.17E-02	0.00E+00
3.60E+00	3.72E+01	3.55E-02	-9.77E-03	0.00E+00
3.62E+00	3.67E+01	-5.63E-02	-1.71E-02	0.00E+00
3.64E+00	3.68E+01	6.61E-02	-1.46E-02	0.00E+00
3.66E+00	3.64E+01	9.66E-02	-2.08E-02	0.00E+00
3.68E+00	3.62E+01	-2.57E-02	-1.46E-02	0.00E+00
3.70E+00	3.59E+01	6.61E-02	-2.20E-02	0.00E+00
3.72E+00	3.58E+01	6.61E-02	-1.46E-02	0.00E+00
3.74E+00	3.52E+01	4.89E-03	-2.56E-02	0.00E+00
3.76E+00	3.52E+01	-2.57E-02	-2.08E-02	0.00E+00
3.78E+00	3.47E+01	1.12E-01	9.77E-03	0.00E+00
3.80E+00	3.47E+01	-2.86E-01	-1.22E-02	0.00E+00
3.82E+00	3.43E+01	1.27E-01	-2.08E-02	0.00E+00
3.84E+00	3.41E+01	-5.63E-02	-1.22E-02	0.00E+00
3.86E+00	3.37E+01	-1.17E-01	-1.95E-02	0.00E+00
3.88E+00	3.35E+01	1.27E-01	-2.20E-02	0.00E+00
3.90E+00	3.30E+01	-1.17E-01	-2.20E-02	0.00E+00
3.92E+00	3.29E+01	-1.17E-01	-2.69E-02	0.00E+00
3.94E+00	3.25E+01	6.61E-02	3.66E-03	0.00E+00
3.96E+00	3.23E+01	-2.40E-01	-1.22E-02	0.00E+00
3.98E+00	3.21E+01	6.61E-02	-1.71E-02	0.00E+00
4.00E+00	3.18E+01	9.66E-02	-2.20E-02	0.00E+00
4.02E+00	3.13E+01	1.27E-01	-1.71E-02	0.00E+00
4.04E+00	3.12E+01	2.19E-01	-1.71E-02	0.00E+00
4.06E+00	3.07E+01	1.27E-01	-2.69E-02	0.00E+00
4.08E+00	3.07E+01	9.66E-02	-1.10E-02	0.00E+00
4.10E+00	3.01E+01	-2.40E-01	-4.15E-02	0.00E+00
4.12E+00	3.00E+01	-2.24E-01	-1.95E-02	0.00E+00
4.14E+00	2.94E+01	-5.63E-02	-1.46E-02	0.00E+00
4.16E+00	2.93E+01	-1.48E-01	-1.71E-02	0.00E+00
4.18E+00	2.89E+01	-2.57E-02	-1.95E-02	0.00E+00
4.20E+00	2.88E+01	1.43E-01	-2.93E-02	0.00E+00
4.22E+00	2.85E+01	-2.40E-01	-2.44E-02	0.00E+00
4.24E+00	2.83E+01	4.89E-03	-1.10E-02	0.00E+00
4.26E+00	2.80E+01	-1.33E-01	-1.95E-02	0.00E+00
4.28E+00	2.77E+01	-8.68E-02	-1.71E-02	0.00E+00
4.30E+00	2.72E+01	3.55E-02	-1.22E-02	0.00E+00
4.32E+00	2.72E+01	-5.63E-02	-3.78E-02	0.00E+00
4.34E+00	2.67E+01	1.27E-01	-1.71E-02	0.00E+00
4.36E+00	2.63E+01	8.13E-02	0.00E+00	0.00E+00
4.38E+00	2.60E+01	-5.63E-02	-1.71E-02	0.00E+00
4.40E+00	2.56E+01	3.55E-02	-1.71E-02	0.00E+00
4.42E+00	2.54E+01	1.27E-01	-1.95E-02	0.00E+00

4.44E+00	2.49E+01	6.61E-02	-2.32E-02	0.00E+00
4.46E+00	2.48E+01	9.66E-02	-2.08E-02	0.00E+00
4.48E+00	2.42E+01	4.89E-03	2.44E-03	0.00E+00
4.50E+00	2.43E+01	8.13E-02	-1.22E-02	0.00E+00
4.52E+00	2.38E+01	6.61E-02	-2.44E-02	0.00E+00
4.54E+00	2.37E+01	-2.57E-02	-2.20E-02	0.00E+00
4.56E+00	2.30E+01	-5.76E-01	-1.95E-02	0.00E+00
4.58E+00	2.31E+01	2.02E-02	-1.46E-02	0.00E+00
4.60E+00	2.25E+01	4.89E-03	-1.46E-02	0.00E+00
4.62E+00	2.23E+01	-8.68E-02	-1.59E-02	0.00E+00
4.64E+00	2.20E+01	3.55E-02	-1.71E-02	0.00E+00
4.66E+00	2.19E+01	-1.04E-02	-2.69E-02	0.00E+00
4.68E+00	2.13E+01	3.55E-02	-2.44E-02	0.00E+00
4.70E+00	2.13E+01	9.66E-02	-2.44E-03	0.00E+00
4.72E+00	2.07E+01	1.27E-01	-1.46E-02	0.00E+00
4.74E+00	2.05E+01	6.61E-02	4.88E-03	0.00E+00
4.76E+00	2.02E+01	2.04E-01	-3.42E-02	0.00E+00
4.78E+00	1.99E+01	-2.09E-01	-1.71E-02	0.00E+00
4.80E+00	1.96E+01	-3.62E-01	-1.95E-02	0.00E+00
4.82E+00	1.92E+01	-5.63E-02	-1.46E-02	0.00E+00
4.84E+00	1.90E+01	3.11E-01	-2.44E-02	0.00E+00
4.86E+00	1.86E+01	6.61E-02	-2.20E-02	0.00E+00
4.88E+00	1.84E+01	-1.33E-01	-1.95E-02	0.00E+00
4.90E+00	1.78E+01	-2.57E-02	-1.22E-02	0.00E+00
4.92E+00	1.79E+01	-5.63E-02	-1.46E-02	0.00E+00
4.94E+00	1.72E+01	6.61E-02	3.66E-03	0.00E+00
4.96E+00	1.73E+01	2.50E-01	-1.95E-02	0.00E+00
4.98E+00	1.66E+01	-2.57E-02	-9.77E-03	0.00E+00
5.00E+00	1.65E+01	-1.48E-01	-9.77E-03	0.00E+00
5.02E+00	1.61E+01	-5.63E-02	-1.71E-02	0.00E+00
5.04E+00	1.59E+01	-5.63E-02	-1.22E-02	0.00E+00
5.06E+00	1.56E+01	1.73E-01	-1.59E-02	0.00E+00
5.08E+00	1.52E+01	-4.10E-02	-4.52E-02	0.00E+00
5.10E+00	1.50E+01	-8.68E-02	-2.44E-02	0.00E+00
5.12E+00	1.46E+01	-5.63E-02	-1.34E-02	0.00E+00
5.14E+00	1.44E+01	-8.68E-02	-2.08E-02	0.00E+00
5.16E+00	1.41E+01	-1.48E-01	-1.22E-02	0.00E+00
5.18E+00	1.38E+01	6.61E-02	-1.95E-02	0.00E+00
5.20E+00	1.37E+01	1.27E-01	-2.69E-02	0.00E+00
5.22E+00	1.32E+01	-1.17E-01	-2.20E-02	0.00E+00
5.24E+00	1.29E+01	-8.68E-02	-2.08E-02	0.00E+00
5.26E+00	1.26E+01	-1.79E-01	-3.66E-02	0.00E+00
5.28E+00	1.25E+01	-5.63E-02	-1.71E-02	0.00E+00
5.30E+00	1.20E+01	1.27E-01	-2.20E-02	0.00E+00
5.32E+00	1.19E+01	2.02E-02	-2.93E-02	0.00E+00
5.34E+00	1.15E+01	-7.16E-02	-1.22E-02	0.00E+00
5.36E+00	1.15E+01	3.55E-02	0.00E+00	0.00E+00

5.38E+00	1.09E+01	2.50E-01	-2.20E-02	0.00E+00
5.40E+00	1.08E+01	-5.63E-02	-2.44E-02	0.00E+00
5.42E+00	1.03E+01	3.55E-02	-3.66E-02	0.00E+00
5.44E+00	1.02E+01	-2.40E-01	-1.59E-02	0.00E+00
5.46E+00	9.62E+00	4.89E-03	-8.54E-03	0.00E+00
5.48E+00	9.59E+00	4.89E-03	-1.83E-02	0.00E+00
5.50E+00	9.15E+00	3.55E-02	-8.54E-03	0.00E+00
5.52E+00	8.96E+00	-5.63E-02	-8.54E-03	0.00E+00
5.54E+00	8.58E+00	-2.09E-01	-2.20E-02	0.00E+00
5.56E+00	8.21E+00	-2.57E-02	-1.95E-02	0.00E+00
5.58E+00	8.01E+00	9.66E-02	-1.10E-02	0.00E+00
5.60E+00	7.52E+00	6.61E-02	1.10E-02	0.00E+00
5.62E+00	7.41E+00	2.80E-01	-1.10E-02	0.00E+00
5.64E+00	6.96E+00	-5.63E-02	-2.32E-02	0.00E+00
5.66E+00	6.77E+00	4.89E-03	-8.54E-03	0.00E+00
5.68E+00	6.27E+00	8.13E-02	-1.46E-02	0.00E+00
5.70E+00	6.23E+00	1.27E-01	-1.46E-02	0.00E+00
5.72E+00	5.64E+00	-4.10E-02	-1.22E-02	0.00E+00
5.74E+00	5.24E+00	-1.94E-01	-1.83E-02	0.00E+00
5.76E+00	5.04E+00	1.58E-01	-3.42E-02	0.00E+00
5.78E+00	4.93E+00	6.61E-02	-1.59E-02	0.00E+00
5.80E+00	4.58E+00	3.55E-02	-2.44E-02	0.00E+00
5.82E+00	4.40E+00	3.55E-02	-1.95E-02	0.00E+00
5.84E+00	3.97E+00	-2.57E-02	-4.88E-03	0.00E+00
5.86E+00	3.67E+00	1.27E-01	-1.22E-02	0.00E+00
5.88E+00	3.40E+00	2.19E-01	-3.17E-02	0.00E+00
5.90E+00	3.19E+00	-1.17E-01	0.00E+00	0.00E+00
5.92E+00	2.78E+00	-2.55E-01	-2.44E-02	0.00E+00
5.94E+00	2.77E+00	-5.63E-02	-1.71E-02	0.00E+00
5.96E+00	2.22E+00	-1.02E-01	-1.46E-02	0.00E+00
5.98E+00	2.21E+00	-2.57E-02	-2.08E-02	0.00E+00
6.00E+00	1.91E+00	4.89E-03	-4.88E-03	0.00E+00
6.02E+00	1.57E+00	8.13E-02	1.22E-02	0.00E+00
6.04E+00	1.53E+00	1.27E-01	-8.54E-03	0.00E+00
6.06E+00	1.12E+00	5.08E-02	-3.78E-02	0.00E+00
6.08E+00	1.05E+00	-1.48E-01	-9.77E-03	0.00E+00
6.10E+00	6.00E-01	3.55E-02	-7.32E-03	0.00E+00
6.12E+00	4.64E-01	3.55E-02	-2.44E-02	0.00E+00
6.14E+00	4.64E-01	3.55E-02	-2.08E-02	0.00E+00
6.16E+00	4.80E-01	-2.57E-02	-1.46E-02	0.00E+00
6.18E+00	3.21E-01	5.08E-02	-3.17E-02	0.00E+00
6.20E+00	4.36E-01	-2.09E-01	-1.22E-02	0.00E+00
6.22E+00	4.53E-01	9.66E-02	-4.88E-03	0.00E+00
6.24E+00	4.53E-01	3.55E-02	-9.77E-03	0.00E+00
6.26E+00	4.64E-01	4.89E-03	-1.46E-02	0.00E+00
6.28E+00	5.18E-01	5.08E-02	-2.20E-02	0.00E+00
6.30E+00	4.69E-01	4.89E-03	-6.10E-03	0.00E+00

6.32E+00	3.98E-01	6.61E-02	-1.22E-02	0.00E+00
6.34E+00	5.02E-01	5.08E-02	-3.17E-02	0.00E+00
6.36E+00	4.75E-01	9.66E-02	-1.22E-02	0.00E+00
6.38E+00	4.64E-01	4.89E-03	-2.20E-02	0.00E+00
6.40E+00	4.31E-01	9.66E-02	-1.22E-02	0.00E+00
6.42E+00	3.76E-01	-1.04E-02	-4.88E-03	0.00E+00
6.44E+00	4.91E-01	1.88E-01	-1.46E-02	0.00E+00
6.46E+00	4.20E-01	-2.57E-02	-2.93E-02	0.00E+00
6.48E+00	4.53E-01	-2.57E-02	-1.59E-02	0.00E+00
6.50E+00	4.91E-01	4.89E-03	-9.77E-03	0.00E+00
6.52E+00	4.31E-01	-5.63E-02	-1.22E-02	0.00E+00
6.54E+00	4.64E-01	4.89E-03	-2.56E-02	0.00E+00
6.56E+00	4.42E-01	-1.63E-01	-1.22E-02	0.00E+00
6.58E+00	3.98E-01	-5.63E-02	2.44E-03	0.00E+00
6.60E+00	3.10E-01	-1.48E-01	-1.34E-02	0.00E+00
6.62E+00	4.97E-01	-2.57E-02	-1.34E-02	0.00E+00
6.64E+00	4.64E-01	1.27E-01	-1.95E-02	0.00E+00
6.66E+00	4.86E-01	-2.57E-02	-2.56E-02	0.00E+00
6.68E+00	4.31E-01	-1.02E-01	-1.34E-02	0.00E+00
6.70E+00	5.07E-01	3.55E-02	-1.22E-02	0.00E+00
6.72E+00	5.84E-01	2.02E-02	-9.77E-03	0.00E+00
6.74E+00	4.20E-01	-1.17E-01	0.00E+00	0.00E+00
6.76E+00	4.47E-01	6.61E-02	-2.69E-02	0.00E+00
6.78E+00	4.42E-01	-5.63E-02	-7.32E-03	0.00E+00
6.80E+00	4.31E-01	-1.04E-02	-1.71E-02	0.00E+00
6.82E+00	4.31E-01	2.02E-02	-7.32E-03	0.00E+00
6.84E+00	4.20E-01	9.66E-02	-1.46E-02	0.00E+00
6.86E+00	5.29E-01	3.55E-02	-1.59E-02	0.00E+00
6.88E+00	4.75E-01	-1.79E-01	3.66E-03	0.00E+00
6.90E+00	4.31E-01	-1.17E-01	-1.10E-02	0.00E+00
6.92E+00	3.76E-01	2.02E-02	-1.59E-02	0.00E+00
6.94E+00	4.42E-01	-5.63E-02	-6.10E-03	0.00E+00
6.96E+00	4.75E-01	9.66E-02	-2.44E-02	0.00E+00
6.98E+00	4.69E-01	-7.16E-02	-1.46E-02	0.00E+00
7.00E+00	4.64E-01	-2.40E-01	-9.77E-03	0.00E+00
7.02E+00	4.58E-01	9.66E-02	-1.95E-02	0.00E+00
7.04E+00	4.42E-01	3.55E-02	7.32E-03	0.00E+00
7.06E+00	4.58E-01	-2.70E-01	-1.83E-02	0.00E+00
7.08E+00	4.42E-01	-4.10E-02	-1.71E-02	0.00E+00
7.10E+00	3.43E-01	-4.10E-02	-7.32E-03	0.00E+00
7.12E+00	4.47E-01	3.55E-02	-2.08E-02	0.00E+00
7.14E+00	4.09E-01	-8.68E-02	-1.59E-02	0.00E+00
7.16E+00	5.02E-01	2.02E-02	-4.39E-02	0.00E+00
7.18E+00	4.64E-01	-8.68E-02	-9.77E-03	0.00E+00
7.20E+00	4.42E-01	1.27E-01	-9.77E-03	0.00E+00
7.22E+00	4.97E-01	-5.63E-02	-2.44E-02	0.00E+00
7.24E+00	4.42E-01	-1.17E-01	-1.34E-02	0.00E+00

7.26E+00	3.87E-01	2.95E-01	-1.10E-02	0.00E+00
7.28E+00	3.65E-01	-5.63E-02	-3.17E-02	0.00E+00
7.30E+00	4.42E-01	6.61E-02	-1.83E-02	0.00E+00
7.32E+00	4.97E-01	3.55E-02	-2.44E-02	0.00E+00
7.34E+00	3.93E-01	-1.17E-01	-1.22E-02	0.00E+00
7.36E+00	3.87E-01	-8.68E-02	-4.88E-03	0.00E+00
7.38E+00	3.60E-01	-1.48E-01	-9.77E-03	0.00E+00
7.40E+00	3.87E-01	-4.10E-02	-3.91E-02	0.00E+00
7.42E+00	5.84E-01	4.89E-03	-1.46E-02	0.00E+00
7.44E+00	3.82E-01	-5.63E-02	-8.54E-03	0.00E+00
7.46E+00	4.75E-01	-2.57E-02	-1.46E-02	0.00E+00
7.48E+00	4.53E-01	-5.63E-02	-2.69E-02	0.00E+00
7.50E+00	4.53E-01	-8.68E-02	-3.42E-02	0.00E+00
7.52E+00	4.53E-01	-1.17E-01	-2.44E-02	0.00E+00
7.54E+00	5.18E-01	1.12E-01	7.32E-03	0.00E+00
7.56E+00	4.47E-01	-8.68E-02	-3.30E-02	0.00E+00
7.58E+00	4.86E-01	-5.63E-02	-1.46E-02	0.00E+00
7.60E+00	3.98E-01	5.08E-02	-1.46E-02	0.00E+00
7.62E+00	5.18E-01	-2.57E-02	-1.83E-02	0.00E+00
7.64E+00	4.36E-01	4.89E-03	-1.95E-02	0.00E+00
7.66E+00	5.95E-01	-1.48E-01	-2.93E-02	0.00E+00
7.68E+00	4.47E-01	4.89E-03	-9.77E-03	0.00E+00
7.70E+00	4.97E-01	1.43E-01	-1.95E-02	0.00E+00
7.72E+00	4.53E-01	-2.57E-02	-2.44E-02	0.00E+00
7.74E+00	4.75E-01	6.61E-02	1.22E-03	0.00E+00
7.76E+00	4.75E-01	3.11E-01	-1.59E-02	0.00E+00
7.78E+00	5.35E-01	-5.63E-02	-1.10E-02	0.00E+00
7.80E+00	3.93E-01	-1.17E-01	-1.22E-02	0.00E+00
7.82E+00	4.58E-01	-2.57E-02	-2.69E-02	0.00E+00
7.84E+00	4.20E-01	9.66E-02	-1.59E-02	0.00E+00
7.86E+00	4.31E-01	3.55E-02	-2.93E-02	0.00E+00
7.88E+00	3.10E-01	-7.16E-02	-1.10E-02	0.00E+00
7.90E+00	3.93E-01	4.33E-01	-2.81E-02	0.00E+00
7.92E+00	6.33E-01	-8.68E-02	-2.20E-02	0.00E+00
7.94E+00	3.98E-01	6.61E-02	-2.81E-02	0.00E+00
7.96E+00	4.64E-01	9.66E-02	-1.71E-02	0.00E+00
7.98E+00	4.09E-01	-5.63E-02	-1.95E-02	0.00E+00
8.00E+00	4.20E-01	-7.16E-02	-3.42E-02	0.00E+00
8.02E+00	4.42E-01	-2.24E-01	-2.69E-02	0.00E+00
8.04E+00	5.73E-01	2.02E-02	-2.44E-02	0.00E+00
8.06E+00	4.64E-01	-5.63E-02	-2.69E-02	0.00E+00
8.08E+00	4.03E-01	-1.48E-01	-9.77E-03	0.00E+00
8.10E+00	4.80E-01	2.02E-02	-1.71E-02	0.00E+00
8.12E+00	5.07E-01	-8.68E-02	-1.71E-02	0.00E+00
8.14E+00	4.14E-01	-7.16E-02	-9.77E-03	0.00E+00
8.16E+00	5.84E-01	-5.63E-02	-2.69E-02	0.00E+00
8.18E+00	4.69E-01	-2.57E-02	-1.46E-02	0.00E+00

8.20E+00	4.03E-01	5.08E-02	-3.42E-02	0.00E+00
8.22E+00	4.09E-01	-1.33E-01	-4.88E-03	0.00E+00
8.24E+00	4.36E-01	-1.02E-01	-1.59E-02	0.00E+00
8.26E+00	4.64E-01	2.50E-01	-2.20E-02	0.00E+00
8.28E+00	5.40E-01	4.89E-03	-2.44E-03	0.00E+00
8.30E+00	4.53E-01	-2.57E-02	-2.44E-02	0.00E+00
8.32E+00	4.53E-01	-7.16E-02	-1.46E-02	0.00E+00
8.34E+00	4.42E-01	1.43E-01	-1.95E-02	0.00E+00
8.36E+00	5.07E-01	-2.40E-01	-1.46E-02	0.00E+00
8.38E+00	4.58E-01	3.55E-02	-6.10E-03	0.00E+00
8.40E+00	4.86E-01	1.27E-01	-2.44E-02	0.00E+00
8.42E+00	3.87E-01	9.66E-02	-1.10E-02	0.00E+00
8.44E+00	4.14E-01	-1.04E-02	-1.59E-02	0.00E+00
8.46E+00	4.31E-01	-1.48E-01	-1.22E-02	0.00E+00
8.48E+00	4.20E-01	3.55E-02	-1.95E-02	0.00E+00
8.50E+00	4.47E-01	4.89E-03	-3.42E-02	0.00E+00
8.52E+00	3.65E-01	-2.40E-01	-1.46E-02	0.00E+00
8.54E+00	5.68E-01	-5.63E-02	-3.17E-02	0.00E+00
8.56E+00	3.82E-01	1.27E-01	-3.66E-03	0.00E+00
8.58E+00	4.20E-01	9.66E-02	-9.77E-03	0.00E+00
8.60E+00	4.86E-01	3.55E-02	-1.95E-02	0.00E+00
8.62E+00	6.28E-01	4.89E-03	-1.71E-02	0.00E+00
8.64E+00	4.69E-01	-1.04E-02	-2.32E-02	0.00E+00
8.66E+00	4.86E-01	-1.02E-01	-3.05E-02	0.00E+00
8.68E+00	4.80E-01	1.27E-01	-2.44E-02	0.00E+00
8.70E+00	4.31E-01	-4.10E-02	-1.95E-02	0.00E+00
8.72E+00	4.53E-01	-1.63E-01	-4.88E-03	0.00E+00
8.74E+00	4.36E-01	3.55E-02	-2.69E-02	0.00E+00
8.76E+00	4.64E-01	9.66E-02	-2.20E-02	0.00E+00
8.78E+00	6.50E-01	3.55E-02	-1.71E-02	0.00E+00
8.80E+00	3.71E-01	-3.16E-01	-9.77E-03	0.00E+00
8.82E+00	5.73E-01	4.89E-03	-3.17E-02	0.00E+00
8.84E+00	4.64E-01	1.27E-01	-1.71E-02	0.00E+00
8.86E+00	3.98E-01	2.02E-02	-1.22E-02	0.00E+00
8.88E+00	4.31E-01	6.61E-02	-2.93E-02	0.00E+00
8.90E+00	4.64E-01	3.55E-02	-9.77E-03	0.00E+00
8.92E+00	5.40E-01	3.41E-01	-1.46E-02	0.00E+00
8.94E+00	4.09E-01	3.55E-02	-1.46E-02	0.00E+00
8.96E+00	4.42E-01	-2.70E-01	-1.95E-02	0.00E+00
8.98E+00	4.20E-01	3.55E-02	-2.20E-02	0.00E+00
9.00E+00	4.64E-01	2.04E-01	-1.95E-02	0.00E+00
9.02E+00	4.09E-01	-2.57E-02	-2.44E-02	0.00E+00
9.04E+00	3.82E-01	1.43E-01	0.00E+00	0.00E+00
9.06E+00	4.31E-01	4.89E-03	2.44E-03	0.00E+00
9.08E+00	4.75E-01	-8.68E-02	-2.20E-02	0.00E+00
9.10E+00	5.95E-01	-2.57E-02	-2.44E-02	0.00E+00
9.12E+00	4.42E-01	4.89E-03	-1.22E-02	0.00E+00

9.14E+00	4.53E-01	3.55E-02	-2.44E-03	0.00E+00
9.16E+00	4.58E-01	1.12E-01	-1.95E-02	0.00E+00
9.18E+00	3.82E-01	-3.01E-01	-1.95E-02	0.00E+00
9.20E+00	2.56E-01	4.89E-03	-1.83E-02	0.00E+00
9.22E+00	4.42E-01	-5.63E-02	-2.69E-02	0.00E+00
9.24E+00	4.03E-01	-5.63E-02	-1.10E-02	0.00E+00
9.26E+00	5.29E-01	-5.63E-02	-2.93E-02	0.00E+00
9.28E+00	4.75E-01	-4.10E-02	-2.20E-02	0.00E+00
9.30E+00	4.31E-01	1.58E-01	-1.95E-02	0.00E+00
9.32E+00	4.53E-01	1.58E-01	-2.44E-03	0.00E+00
9.34E+00	3.65E-01	-1.48E-01	-1.46E-02	0.00E+00
9.36E+00	5.29E-01	3.55E-02	-1.83E-02	0.00E+00
9.38E+00	4.09E-01	-7.16E-02	-1.46E-02	0.00E+00
9.40E+00	3.98E-01	-8.68E-02	-3.05E-02	0.00E+00
9.42E+00	3.76E-01	-3.62E-01	-1.95E-02	0.00E+00
9.44E+00	4.53E-01	-8.68E-02	2.44E-03	0.00E+00
9.46E+00	4.97E-01	-1.17E-01	-2.20E-02	0.00E+00
9.48E+00	3.43E-01	-5.63E-02	0.00E+00	0.00E+00
9.50E+00	4.53E-01	1.58E-01	-1.46E-02	0.00E+00
9.52E+00	4.91E-01	5.08E-02	-1.46E-02	0.00E+00
9.54E+00	4.69E-01	9.66E-02	-2.69E-02	0.00E+00
9.56E+00	4.25E-01	-3.01E-01	-1.22E-02	0.00E+00
9.58E+00	3.98E-01	1.58E-01	-1.71E-02	0.00E+00
9.60E+00	5.29E-01	2.02E-02	-2.69E-02	0.00E+00
9.62E+00	6.17E-01	-2.57E-02	-1.22E-02	0.00E+00
9.64E+00	4.64E-01	4.89E-03	-2.69E-02	0.00E+00
9.66E+00	4.20E-01	-2.57E-02	1.22E-03	0.00E+00
9.68E+00	4.75E-01	-2.57E-02	-1.95E-02	0.00E+00
9.70E+00	3.87E-01	-1.02E-01	-1.34E-02	0.00E+00
9.72E+00	4.03E-01	9.66E-02	-4.88E-03	0.00E+00
9.74E+00	5.18E-01	4.89E-03	-2.44E-02	0.00E+00
9.76E+00	4.86E-01	1.27E-01	-1.71E-02	0.00E+00
9.78E+00	3.87E-01	-8.68E-02	-9.77E-03	0.00E+00
9.80E+00	4.31E-01	6.61E-02	-1.22E-02	0.00E+00
9.82E+00	4.91E-01	-4.10E-02	-1.22E-02	0.00E+00
9.84E+00	5.07E-01	9.66E-02	2.44E-03	0.00E+00
9.86E+00	4.64E-01	1.88E-01	-1.22E-02	0.00E+00
9.88E+00	4.97E-01	-2.57E-02	-3.66E-03	0.00E+00
9.90E+00	4.03E-01	6.61E-02	-9.77E-03	0.00E+00
9.92E+00	5.07E-01	1.88E-01	-2.20E-02	0.00E+00
9.94E+00	3.65E-01	4.89E-03	-2.44E-03	0.00E+00
9.96E+00	4.64E-01	6.61E-02	-1.95E-02	0.00E+00
9.98E+00	4.86E-01	4.89E-03	-1.95E-02	0.00E+00
1.00E+01	4.75E-01	4.89E-03	-9.77E-03	0.00E+00
1.00E+01	4.64E-01	-5.63E-02	-1.95E-02	0.00E+00
1.00E+01	4.31E-01	6.61E-02	-9.77E-03	0.00E+00
1.01E+01	4.36E-01	-1.04E-02	-3.42E-02	0.00E+00

1.01E+01	4.75E-01	-1.79E-01	-3.54E-02	0.00E+00
1.01E+01	4.86E-01	1.88E-01	-1.46E-02	0.00E+00
1.01E+01	4.53E-01	4.89E-03	-2.44E-02	0.00E+00
1.01E+01	4.64E-01	-5.63E-02	-1.95E-02	0.00E+00
1.02E+01	4.75E-01	-1.48E-01	-1.46E-02	0.00E+00
1.02E+01	3.98E-01	-1.17E-01	-2.56E-02	0.00E+00
1.02E+01	5.07E-01	3.72E-01	-1.34E-02	0.00E+00
1.02E+01	5.07E-01	4.89E-03	-1.71E-02	0.00E+00
1.02E+01	4.75E-01	-5.63E-02	-1.71E-02	0.00E+00
1.03E+01	4.20E-01	-1.17E-01	-1.22E-02	0.00E+00
1.03E+01	4.64E-01	3.26E-01	-4.88E-03	0.00E+00
1.03E+01	2.78E-01	4.89E-03	-3.17E-02	0.00E+00
1.03E+01	4.42E-01	-2.40E-01	-1.10E-02	0.00E+00
1.03E+01	5.13E-01	3.55E-02	-7.32E-03	0.00E+00
1.04E+01	4.20E-01	-2.57E-02	-1.34E-02	0.00E+00
1.04E+01	4.31E-01	-2.57E-02	-2.69E-02	0.00E+00
1.04E+01	4.86E-01	-1.17E-01	-1.46E-02	0.00E+00
1.04E+01	4.09E-01	-2.57E-02	-2.44E-02	0.00E+00
1.04E+01	3.98E-01	2.02E-02	-1.46E-02	0.00E+00
1.05E+01	4.03E-01	-5.63E-02	-2.20E-02	0.00E+00
1.05E+01	4.69E-01	-2.57E-02	-2.08E-02	0.00E+00
1.05E+01	4.53E-01	-2.09E-01	-1.71E-02	0.00E+00
1.05E+01	3.87E-01	3.55E-02	-4.88E-03	0.00E+00
1.05E+01	4.53E-01	4.02E-01	-9.77E-03	0.00E+00
1.06E+01	4.64E-01	-8.68E-02	-4.88E-03	0.00E+00
1.06E+01	4.64E-01	1.12E-01	-1.95E-02	0.00E+00
1.06E+01	4.20E-01	1.43E-01	-1.22E-02	0.00E+00
1.06E+01	5.18E-01	-1.17E-01	-2.93E-02	0.00E+00
1.06E+01	3.32E-01	-5.63E-02	-2.44E-03	0.00E+00
1.07E+01	4.75E-01	1.58E-01	-1.22E-02	0.00E+00
1.07E+01	5.07E-01	-4.10E-02	-1.22E-02	0.00E+00
1.07E+01	4.36E-01	-5.63E-02	-1.83E-02	0.00E+00
1.07E+01	4.91E-01	-5.63E-02	-1.34E-02	0.00E+00
1.07E+01	4.97E-01	-1.04E-02	-2.44E-03	0.00E+00
1.08E+01	5.13E-01	2.50E-01	-3.66E-02	0.00E+00
1.08E+01	4.09E-01	-1.48E-01	-1.46E-02	0.00E+00
1.08E+01	3.87E-01	8.13E-02	-2.44E-02	0.00E+00
1.08E+01	4.42E-01	-1.02E-01	-1.22E-02	0.00E+00
1.08E+01	3.76E-01	9.66E-02	-2.44E-02	0.00E+00
1.09E+01	4.86E-01	2.02E-02	-2.44E-02	0.00E+00
1.09E+01	4.25E-01	-2.55E-01	-2.20E-02	0.00E+00
1.09E+01	4.75E-01	-5.63E-02	4.88E-03	0.00E+00
1.09E+01	4.53E-01	-1.94E-01	-1.71E-02	0.00E+00
1.09E+01	3.98E-01	-5.63E-02	-1.22E-02	0.00E+00
1.10E+01	4.09E-01	4.89E-03	-2.08E-02	0.00E+00
1.10E+01	3.16E-01	-1.17E-01	-2.20E-02	0.00E+00
1.10E+01	4.09E-01	9.66E-02	-1.10E-02	0.00E+00

1.10E+01	3.21E-01	-5.63E-02	-6.10E-03	0.00E+00
1.10E+01	4.25E-01	-2.57E-02	-1.46E-02	0.00E+00
1.11E+01	4.31E-01	-2.57E-02	-3.17E-02	0.00E+00
1.11E+01	4.09E-01	-2.57E-02	-1.22E-03	0.00E+00
1.11E+01	3.98E-01	1.58E-01	9.77E-03	0.00E+00
1.11E+01	4.64E-01	3.41E-01	-9.77E-03	0.00E+00
1.11E+01	3.54E-01	-2.57E-02	-2.69E-02	0.00E+00
1.12E+01	4.53E-01	1.43E-01	-1.95E-02	0.00E+00
1.12E+01	3.76E-01	-2.57E-02	-2.44E-02	0.00E+00
1.12E+01	4.86E-01	5.08E-02	-2.32E-02	0.00E+00
1.12E+01	3.87E-01	-1.17E-01	-2.08E-02	0.00E+00
1.12E+01	2.94E-01	-5.63E-02	-2.69E-02	0.00E+00
1.13E+01	4.20E-01	-1.33E-01	-1.34E-02	0.00E+00
1.13E+01	5.07E-01	2.04E-01	-1.22E-02	0.00E+00
1.13E+01	4.53E-01	-5.63E-02	-2.69E-02	0.00E+00
1.13E+01	4.09E-01	3.55E-02	-9.77E-03	0.00E+00
1.13E+01	4.86E-01	4.89E-03	-9.77E-03	0.00E+00
1.14E+01	4.42E-01	1.27E-01	-2.44E-03	0.00E+00
1.14E+01	4.53E-01	-1.79E-01	-2.20E-02	0.00E+00
1.14E+01	4.86E-01	3.55E-02	-3.42E-02	0.00E+00
1.14E+01	4.31E-01	-2.86E-01	-2.20E-02	0.00E+00
1.14E+01	5.13E-01	2.02E-02	-1.83E-02	0.00E+00
1.15E+01	4.20E-01	6.61E-02	-1.71E-02	0.00E+00
1.15E+01	3.43E-01	-8.68E-02	-2.20E-02	0.00E+00
1.15E+01	4.42E-01	-5.63E-02	-1.22E-02	0.00E+00
1.15E+01	2.78E-01	1.88E-01	-7.32E-03	0.00E+00
1.15E+01	4.75E-01	-8.68E-02	-2.44E-02	0.00E+00
1.16E+01	3.54E-01	-8.68E-02	-2.69E-02	0.00E+00
1.16E+01	4.42E-01	6.61E-02	-9.77E-03	0.00E+00
1.16E+01	4.64E-01	-8.68E-02	1.46E-02	0.00E+00
1.16E+01	4.36E-01	-1.79E-01	-2.32E-02	0.00E+00
1.16E+01	3.32E-01	-1.48E-01	-3.54E-02	0.00E+00

Current File O:\Projects\914220~1\ODYSSE~1\processed_data\Ody1122A.csv
 Original File C:\Data\9142OdysseyLiftGate\Ody1122.dx3
 File descrip 9142 2005 Honda Odyssey LiftGate liftgate - Esser

Project ID: Project ID
 File ID: ORIGINAL
 Test Date: #####
 Test Time: 33:14.0
 Current Da #####
 Current Tin 8:36:18
 Number of 4
 Number of 800
 Independe 0.02
 Independe -4.18

Time Sec	Angle Degrees	Force lbs	LiftgateMo volts	StrutCalDisplacement inches
-4.18E+00	7.48E+01	2.19E-01	-3.66E-02	0.00E+00
-4.16E+00	7.47E+01	-4.10E-02	-1.59E-02	0.00E+00
-4.14E+00	7.47E+01	6.61E-02	-1.46E-02	0.00E+00
-4.12E+00	7.47E+01	2.02E-02	-1.83E-02	0.00E+00
-4.10E+00	7.47E+01	6.61E-02	-2.93E-02	0.00E+00
-4.08E+00	7.48E+01	3.55E-02	-1.71E-02	0.00E+00
-4.06E+00	7.48E+01	6.61E-02	-2.32E-02	0.00E+00
-4.04E+00	7.47E+01	-1.17E-01	-1.22E-02	0.00E+00
-4.02E+00	7.48E+01	3.55E-02	-2.69E-02	0.00E+00
-4.00E+00	7.48E+01	-1.79E-01	-2.44E-02	0.00E+00
-3.98E+00	7.47E+01	-5.63E-02	-1.46E-02	0.00E+00
-3.96E+00	7.47E+01	6.61E-02	-1.22E-02	0.00E+00
-3.94E+00	7.49E+01	-1.48E-01	-7.32E-03	0.00E+00
-3.92E+00	7.48E+01	5.08E-02	-3.66E-02	0.00E+00
-3.90E+00	7.48E+01	2.02E-02	-2.44E-02	0.00E+00
-3.88E+00	7.48E+01	-1.63E-01	-1.95E-02	0.00E+00
-3.86E+00	7.47E+01	2.02E-02	-1.22E-02	0.00E+00
-3.84E+00	7.47E+01	6.61E-02	-1.71E-02	0.00E+00
-3.82E+00	7.47E+01	2.02E-02	-2.44E-03	0.00E+00
-3.80E+00	7.47E+01	-2.09E-01	9.77E-03	0.00E+00
-3.78E+00	7.47E+01	-2.57E-02	-1.59E-02	0.00E+00
-3.76E+00	7.48E+01	2.02E-02	-2.56E-02	0.00E+00
-3.74E+00	7.48E+01	-1.63E-01	-1.95E-02	0.00E+00
-3.72E+00	7.48E+01	1.58E-01	-1.71E-02	0.00E+00
-3.70E+00	7.47E+01	-8.68E-02	-2.20E-02	0.00E+00
-3.68E+00	7.47E+01	-2.57E-02	-9.77E-03	0.00E+00
-3.66E+00	7.48E+01	-2.57E-02	-1.59E-02	0.00E+00
-3.64E+00	7.47E+01	-5.63E-02	-1.59E-02	0.00E+00
-3.62E+00	7.48E+01	2.02E-02	-2.08E-02	0.00E+00
-3.60E+00	7.48E+01	4.89E-03	-2.44E-03	0.00E+00
-3.58E+00	7.47E+01	-1.04E-02	-2.44E-03	0.00E+00

-3.56E+00	7.47E+01	1.27E-01	-9.77E-03	0.00E+00
-3.54E+00	7.48E+01	6.61E-02	-2.44E-02	0.00E+00
-3.52E+00	7.48E+01	-1.02E-01	-9.77E-03	0.00E+00
-3.50E+00	7.47E+01	1.58E-01	-1.95E-02	0.00E+00
-3.48E+00	7.48E+01	4.89E-03	-1.22E-02	0.00E+00
-3.46E+00	7.48E+01	-2.09E-01	-4.88E-03	0.00E+00
-3.44E+00	7.48E+01	-1.17E-01	-7.32E-03	0.00E+00
-3.42E+00	7.47E+01	1.27E-01	-1.22E-02	0.00E+00
-3.40E+00	7.48E+01	-8.68E-02	-9.77E-03	0.00E+00
-3.38E+00	7.47E+01	6.61E-02	-1.71E-02	0.00E+00
-3.36E+00	7.49E+01	4.89E-03	-9.77E-03	0.00E+00
-3.34E+00	7.48E+01	-1.79E-01	-1.95E-02	0.00E+00
-3.32E+00	7.49E+01	-1.94E-01	0.00E+00	0.00E+00
-3.30E+00	7.47E+01	-2.57E-02	-4.39E-02	0.00E+00
-3.28E+00	7.47E+01	2.80E-01	-2.44E-02	0.00E+00
-3.26E+00	7.49E+01	-5.63E-02	-1.34E-02	0.00E+00
-3.24E+00	7.47E+01	9.66E-02	-2.56E-02	0.00E+00
-3.22E+00	7.48E+01	1.12E-01	-1.95E-02	0.00E+00
-3.20E+00	7.48E+01	-5.63E-02	-1.95E-02	0.00E+00
-3.18E+00	7.48E+01	-8.68E-02	-1.83E-02	0.00E+00
-3.16E+00	7.47E+01	1.58E-01	-2.56E-02	0.00E+00
-3.14E+00	7.46E+01	-1.02E-01	-7.32E-03	0.00E+00
-3.12E+00	7.47E+01	2.80E-01	-1.10E-02	0.00E+00
-3.10E+00	7.48E+01	-8.68E-02	-1.10E-02	0.00E+00
-3.08E+00	7.48E+01	-2.57E-02	-2.20E-02	0.00E+00
-3.06E+00	7.45E+01	6.61E-02	-9.77E-03	0.00E+00
-3.04E+00	7.48E+01	4.89E-03	-1.83E-02	0.00E+00
-3.02E+00	7.47E+01	-2.57E-02	-1.46E-02	0.00E+00
-3.00E+00	7.48E+01	6.61E-02	-1.83E-02	0.00E+00
-2.98E+00	7.47E+01	-2.57E-02	-1.95E-02	0.00E+00
-2.96E+00	7.47E+01	3.55E-02	-1.95E-02	0.00E+00
-2.94E+00	7.47E+01	6.61E-02	-3.17E-02	0.00E+00
-2.92E+00	7.47E+01	-5.63E-02	-1.71E-02	0.00E+00
-2.90E+00	7.46E+01	1.58E-01	-1.46E-02	0.00E+00
-2.88E+00	7.48E+01	-2.57E-02	-1.46E-02	0.00E+00
-2.86E+00	7.48E+01	8.13E-02	-9.77E-03	0.00E+00
-2.84E+00	7.47E+01	-8.68E-02	-1.34E-02	0.00E+00
-2.82E+00	7.48E+01	4.89E-03	-2.81E-02	0.00E+00
-2.80E+00	7.47E+01	-5.63E-02	-2.44E-03	0.00E+00
-2.78E+00	7.47E+01	-1.48E-01	-8.54E-03	0.00E+00
-2.76E+00	7.48E+01	-4.10E-02	-1.46E-02	0.00E+00
-2.74E+00	7.48E+01	-1.79E-01	-1.34E-02	0.00E+00
-2.72E+00	7.48E+01	9.66E-02	-2.20E-02	0.00E+00
-2.70E+00	7.47E+01	2.19E-01	-2.32E-02	0.00E+00
-2.68E+00	7.48E+01	-2.09E-01	-1.83E-02	0.00E+00
-2.66E+00	7.47E+01	-5.63E-02	-9.77E-03	0.00E+00
-2.64E+00	7.47E+01	-5.63E-02	-1.71E-02	0.00E+00

-2.62E+00	7.47E+01	-2.57E-02	-1.71E-02	0.00E+00
-2.60E+00	7.47E+01	-8.68E-02	-9.77E-03	0.00E+00
-2.58E+00	7.48E+01	-2.40E-01	-2.20E-02	0.00E+00
-2.56E+00	7.47E+01	-5.63E-02	-2.20E-02	0.00E+00
-2.54E+00	7.47E+01	1.27E-01	0.00E+00	0.00E+00
-2.52E+00	7.47E+01	3.11E-01	-2.44E-02	0.00E+00
-2.50E+00	7.47E+01	3.55E-02	-1.22E-02	0.00E+00
-2.48E+00	7.49E+01	4.89E-03	-1.71E-02	0.00E+00
-2.46E+00	7.48E+01	-2.09E-01	-1.46E-02	0.00E+00
-2.44E+00	7.47E+01	-5.63E-02	-1.10E-02	0.00E+00
-2.42E+00	7.48E+01	-7.16E-02	-2.81E-02	0.00E+00
-2.40E+00	7.48E+01	-8.68E-02	-9.77E-03	0.00E+00
-2.38E+00	7.47E+01	3.55E-02	-3.91E-02	0.00E+00
-2.36E+00	7.48E+01	1.58E-01	-2.08E-02	0.00E+00
-2.34E+00	7.48E+01	2.02E-02	-4.15E-02	0.00E+00
-2.32E+00	7.48E+01	-5.63E-02	-1.10E-02	0.00E+00
-2.30E+00	7.47E+01	4.89E-03	-1.95E-02	0.00E+00
-2.28E+00	7.47E+01	-8.68E-02	-8.54E-03	0.00E+00
-2.26E+00	7.48E+01	6.61E-02	-7.32E-03	0.00E+00
-2.24E+00	7.48E+01	6.61E-02	-1.95E-02	0.00E+00
-2.22E+00	7.48E+01	9.66E-02	-3.54E-02	0.00E+00
-2.20E+00	7.48E+01	-1.04E-02	-1.22E-02	0.00E+00
-2.18E+00	7.47E+01	-4.10E-02	-2.44E-02	0.00E+00
-2.16E+00	7.47E+01	1.58E-01	4.88E-03	0.00E+00
-2.14E+00	7.48E+01	-2.57E-02	-1.10E-02	0.00E+00
-2.12E+00	7.46E+01	1.58E-01	-1.71E-02	0.00E+00
-2.10E+00	7.47E+01	-2.57E-02	-2.44E-02	0.00E+00
-2.08E+00	7.47E+01	1.73E-01	-2.93E-02	0.00E+00
-2.06E+00	7.48E+01	4.89E-03	-1.95E-02	0.00E+00
-2.04E+00	7.48E+01	4.89E-03	-2.08E-02	0.00E+00
-2.02E+00	7.48E+01	-5.63E-02	-1.83E-02	0.00E+00
-2.00E+00	7.47E+01	4.89E-03	-1.46E-02	0.00E+00
-1.98E+00	7.47E+01	-8.68E-02	-2.20E-02	0.00E+00
-1.96E+00	7.48E+01	-1.04E-02	-9.77E-03	0.00E+00
-1.94E+00	7.48E+01	6.61E-02	-8.54E-03	0.00E+00
-1.92E+00	7.49E+01	-2.57E-02	-1.22E-03	0.00E+00
-1.90E+00	7.47E+01	2.50E-01	-3.05E-02	0.00E+00
-1.88E+00	7.47E+01	6.61E-02	-1.95E-02	0.00E+00
-1.86E+00	7.47E+01	-5.63E-02	-2.08E-02	0.00E+00
-1.84E+00	7.48E+01	5.08E-02	-3.42E-02	0.00E+00
-1.82E+00	7.48E+01	-1.48E-01	-2.08E-02	0.00E+00
-1.80E+00	7.47E+01	-8.68E-02	-9.77E-03	0.00E+00
-1.78E+00	7.48E+01	3.55E-02	-3.17E-02	0.00E+00
-1.76E+00	7.46E+01	1.27E-01	-1.71E-02	0.00E+00
-1.74E+00	7.47E+01	6.61E-02	-1.95E-02	0.00E+00
-1.72E+00	7.47E+01	8.13E-02	-1.95E-02	0.00E+00
-1.70E+00	7.49E+01	-2.57E-02	0.00E+00	0.00E+00

-1.68E+00	7.48E+01	-1.17E-01	-8.54E-03	0.00E+00
-1.66E+00	7.49E+01	5.08E-02	-2.44E-02	0.00E+00
-1.64E+00	7.48E+01	1.58E-01	-2.08E-02	0.00E+00
-1.62E+00	7.47E+01	-5.63E-02	-9.77E-03	0.00E+00
-1.60E+00	7.47E+01	-1.48E-01	-6.10E-03	0.00E+00
-1.58E+00	7.48E+01	1.27E-01	-2.93E-02	0.00E+00
-1.56E+00	7.48E+01	-2.09E-01	-1.71E-02	0.00E+00
-1.54E+00	7.46E+01	3.55E-02	-1.95E-02	0.00E+00
-1.52E+00	7.47E+01	9.66E-02	-3.42E-02	0.00E+00
-1.50E+00	7.48E+01	9.66E-02	-1.95E-02	0.00E+00
-1.48E+00	7.49E+01	-7.16E-02	-1.95E-02	0.00E+00
-1.46E+00	7.48E+01	6.61E-02	-1.10E-02	0.00E+00
-1.44E+00	7.48E+01	-1.48E-01	-1.71E-02	0.00E+00
-1.42E+00	7.47E+01	9.66E-02	-4.88E-03	0.00E+00
-1.40E+00	7.47E+01	1.88E-01	-9.77E-03	0.00E+00
-1.38E+00	7.48E+01	2.50E-01	-2.20E-02	0.00E+00
-1.36E+00	7.48E+01	-8.68E-02	1.22E-03	0.00E+00
-1.34E+00	7.47E+01	1.73E-01	-1.34E-02	0.00E+00
-1.32E+00	7.49E+01	6.61E-02	-2.93E-02	0.00E+00
-1.30E+00	7.48E+01	-2.09E-01	-1.95E-02	0.00E+00
-1.28E+00	7.45E+01	3.55E-02	-1.46E-02	0.00E+00
-1.26E+00	7.47E+01	-5.63E-02	-2.32E-02	0.00E+00
-1.24E+00	7.48E+01	-3.77E-01	-1.95E-02	0.00E+00
-1.22E+00	7.47E+01	2.02E-02	-1.71E-02	0.00E+00
-1.20E+00	7.47E+01	4.89E-03	-2.20E-02	0.00E+00
-1.18E+00	7.48E+01	1.73E-01	-1.71E-02	0.00E+00
-1.16E+00	7.47E+01	-2.57E-02	-2.93E-02	0.00E+00
-1.14E+00	7.47E+01	8.13E-02	-2.93E-02	0.00E+00
-1.12E+00	7.48E+01	-5.63E-02	-1.46E-02	0.00E+00
-1.10E+00	7.47E+01	-1.02E-01	-3.91E-02	0.00E+00
-1.08E+00	7.47E+01	-2.57E-02	-1.22E-02	0.00E+00
-1.06E+00	7.48E+01	8.13E-02	-3.05E-02	0.00E+00
-1.04E+00	7.48E+01	-1.94E-01	-1.71E-02	0.00E+00
-1.02E+00	7.47E+01	-2.57E-02	-1.71E-02	0.00E+00
-1.00E+00	7.48E+01	6.61E-02	-3.05E-02	0.00E+00
-9.80E-01	7.48E+01	6.61E-02	-2.56E-02	0.00E+00
-9.60E-01	7.48E+01	-1.94E-01	-2.32E-02	0.00E+00
-9.40E-01	7.48E+01	-5.63E-02	-7.32E-03	0.00E+00
-9.20E-01	7.48E+01	-5.63E-02	-1.59E-02	0.00E+00
-9.00E-01	7.48E+01	4.89E-03	-2.69E-02	0.00E+00
-8.80E-01	7.47E+01	-2.55E-01	-1.22E-03	0.00E+00
-8.60E-01	7.49E+01	-5.63E-02	-1.95E-02	0.00E+00
-8.40E-01	7.48E+01	4.89E-03	-2.44E-03	0.00E+00
-8.20E-01	7.47E+01	-1.79E-01	-1.71E-02	0.00E+00
-8.00E-01	7.47E+01	-2.57E-02	-9.77E-03	0.00E+00
-7.80E-01	7.48E+01	9.66E-02	-2.81E-02	0.00E+00
-7.60E-01	7.47E+01	-5.63E-02	-2.44E-02	0.00E+00

-7.40E-01	7.47E+01	-1.48E-01	-9.77E-03	0.00E+00
-7.20E-01	7.48E+01	2.02E-02	-1.46E-02	0.00E+00
-7.00E-01	7.48E+01	-5.63E-02	-1.34E-02	0.00E+00
-6.80E-01	7.47E+01	-2.57E-02	-1.34E-02	0.00E+00
-6.60E-01	7.47E+01	1.12E-01	-1.46E-02	0.00E+00
-6.40E-01	7.47E+01	-5.63E-02	-2.32E-02	0.00E+00
-6.20E-01	7.48E+01	-2.09E-01	-7.32E-03	0.00E+00
-6.00E-01	7.47E+01	9.66E-02	-1.95E-02	0.00E+00
-5.80E-01	7.48E+01	-7.16E-02	-1.59E-02	0.00E+00
-5.60E-01	7.47E+01	-8.68E-02	-1.22E-02	0.00E+00
-5.40E-01	7.48E+01	-2.57E-02	0.00E+00	0.00E+00
-5.20E-01	7.48E+01	-2.57E-02	-1.46E-02	0.00E+00
-5.00E-01	7.49E+01	3.55E-02	-2.81E-02	0.00E+00
-4.80E-01	7.47E+01	2.02E-02	-1.22E-02	0.00E+00
-4.60E-01	7.48E+01	-8.68E-02	-2.44E-02	0.00E+00
-4.40E-01	7.47E+01	-4.10E-02	-2.20E-02	0.00E+00
-4.20E-01	7.47E+01	2.02E-02	-8.54E-03	0.00E+00
-4.00E-01	7.48E+01	-1.17E-01	1.34E-02	0.00E+00
-3.80E-01	7.49E+01	-2.57E-02	-2.20E-02	0.00E+00
-3.60E-01	7.48E+01	-2.57E-02	-1.22E-03	0.00E+00
-3.40E-01	7.47E+01	1.12E-01	-4.88E-03	0.00E+00
-3.20E-01	7.47E+01	3.55E-02	-1.59E-02	0.00E+00
-3.00E-01	7.47E+01	6.61E-02	-1.71E-02	0.00E+00
-2.80E-01	7.48E+01	-2.57E-02	-1.46E-02	0.00E+00
-2.60E-01	7.47E+01	1.12E-01	-2.69E-02	0.00E+00
-2.40E-01	7.48E+01	-1.04E-02	-1.95E-02	0.00E+00
-2.20E-01	7.47E+01	6.61E-02	-3.17E-02	0.00E+00
-2.00E-01	7.47E+01	-1.48E-01	-1.22E-02	0.00E+00
-1.80E-01	7.47E+01	-4.10E-02	-2.44E-02	0.00E+00
-1.60E-01	7.47E+01	1.27E-01	-1.71E-02	0.00E+00
-1.40E-01	7.46E+01	2.02E-02	9.77E-03	0.00E+00
-1.20E-01	7.48E+01	-4.10E-02	-1.71E-02	0.00E+00
-1.00E-01	7.48E+01	4.89E-03	-2.93E-02	0.00E+00
-8.00E-02	7.47E+01	-1.04E-02	-1.46E-02	0.00E+00
-6.00E-02	7.47E+01	9.66E-02	-2.20E-02	0.00E+00
-4.00E-02	7.47E+01	-1.02E-01	-1.71E-02	0.00E+00
-2.00E-02	7.45E+01	-2.57E-02	-4.88E-03	0.00E+00
0.00E+00	7.41E+01	1.58E-01	-1.22E-02	0.00E+00
2.00E-02	7.43E+01	-4.10E-02	-3.30E-02	0.00E+00
4.00E-02	7.41E+01	-5.63E-02	-6.10E-03	0.00E+00
6.00E-02	7.41E+01	2.19E-01	-9.77E-03	0.00E+00
8.00E-02	7.43E+01	-2.57E-02	-7.32E-03	0.00E+00
1.00E-01	7.42E+01	-1.48E-01	-2.81E-02	0.00E+00
1.20E-01	7.40E+01	-8.68E-02	-7.32E-03	0.00E+00
1.40E-01	7.39E+01	-2.09E-01	-1.22E-02	0.00E+00
1.60E-01	7.35E+01	-2.57E-02	-1.46E-02	0.00E+00
1.80E-01	7.35E+01	-5.63E-02	-1.34E-02	0.00E+00

2.00E-01	7.35E+01	9.66E-02	-1.83E-02	0.00E+00
2.20E-01	7.35E+01	-1.04E-02	-1.34E-02	0.00E+00
2.40E-01	7.36E+01	-5.63E-02	-9.77E-03	0.00E+00
2.60E-01	7.30E+01	4.89E-03	-9.77E-03	0.00E+00
2.80E-01	7.31E+01	3.55E-02	-1.22E-02	0.00E+00
3.00E-01	7.31E+01	-8.68E-02	-1.83E-02	0.00E+00
3.20E-01	7.29E+01	-1.04E-02	-2.20E-02	0.00E+00
3.40E-01	7.24E+01	-5.63E-02	-1.46E-02	0.00E+00
3.60E-01	7.24E+01	8.13E-02	-1.71E-02	0.00E+00
3.80E-01	7.25E+01	-2.40E-01	-2.44E-03	0.00E+00
4.00E-01	7.23E+01	-2.24E-01	-1.83E-02	0.00E+00
4.20E-01	7.19E+01	-2.57E-02	-3.66E-02	0.00E+00
4.40E-01	7.19E+01	-1.33E-01	-2.20E-02	0.00E+00
4.60E-01	7.18E+01	6.61E-02	-1.22E-02	0.00E+00
4.80E-01	7.18E+01	6.61E-02	-1.46E-02	0.00E+00
5.00E-01	7.14E+01	8.13E-02	-2.93E-02	0.00E+00
5.20E-01	7.13E+01	-1.04E-02	-3.54E-02	0.00E+00
5.40E-01	7.12E+01	-2.57E-02	-1.71E-02	0.00E+00
5.60E-01	7.08E+01	-2.57E-02	-8.54E-03	0.00E+00
5.80E-01	7.09E+01	-1.48E-01	-1.59E-02	0.00E+00
6.00E-01	7.06E+01	-8.68E-02	-4.88E-03	0.00E+00
6.20E-01	7.06E+01	1.12E-01	-1.71E-02	0.00E+00
6.40E-01	7.07E+01	4.89E-03	-8.54E-03	0.00E+00
6.60E-01	7.01E+01	8.13E-02	-1.59E-02	0.00E+00
6.80E-01	7.00E+01	-1.04E-02	-3.66E-03	0.00E+00
7.00E-01	7.01E+01	4.89E-03	-1.46E-02	0.00E+00
7.20E-01	6.96E+01	4.89E-03	-3.66E-03	0.00E+00
7.40E-01	6.91E+01	3.55E-02	-2.93E-02	0.00E+00
7.60E-01	6.95E+01	-1.33E-01	-2.69E-02	0.00E+00
7.80E-01	6.89E+01	-2.57E-02	-2.69E-02	0.00E+00
8.00E-01	6.84E+01	8.13E-02	-1.59E-02	0.00E+00
8.20E-01	6.90E+01	4.89E-03	-2.69E-02	0.00E+00
8.40E-01	6.84E+01	-1.79E-01	-3.91E-02	0.00E+00
8.60E-01	6.78E+01	-4.23E-01	-7.32E-03	0.00E+00
8.80E-01	6.77E+01	9.66E-02	-2.20E-02	0.00E+00
9.00E-01	6.78E+01	-1.02E-01	-9.77E-03	0.00E+00
9.20E-01	6.72E+01	2.02E-02	-1.22E-02	0.00E+00
9.40E-01	6.73E+01	1.12E-01	-2.93E-02	0.00E+00
9.60E-01	6.72E+01	-5.63E-02	-2.56E-02	0.00E+00
9.80E-01	6.67E+01	-1.48E-01	-1.71E-02	0.00E+00
1.00E+00	6.66E+01	-5.63E-02	-2.44E-02	0.00E+00
1.02E+00	6.66E+01	-1.04E-02	-1.46E-02	0.00E+00
1.04E+00	6.60E+01	5.08E-02	-8.54E-03	0.00E+00
1.06E+00	6.61E+01	-2.57E-02	-1.34E-02	0.00E+00
1.08E+00	6.61E+01	-5.63E-02	-7.32E-03	0.00E+00
1.10E+00	6.56E+01	-1.63E-01	-3.05E-02	0.00E+00
1.12E+00	6.57E+01	-1.63E-01	-1.59E-02	0.00E+00

1.14E+00	6.54E+01	-2.57E-02	-4.88E-03	0.00E+00
1.16E+00	6.50E+01	9.66E-02	-1.22E-02	0.00E+00
1.18E+00	6.49E+01	-2.57E-02	-8.54E-03	0.00E+00
1.20E+00	6.48E+01	2.19E-01	-1.46E-02	0.00E+00
1.22E+00	6.46E+01	-1.17E-01	-1.10E-02	0.00E+00
1.24E+00	6.43E+01	3.55E-02	-3.42E-02	0.00E+00
1.26E+00	6.44E+01	-3.62E-01	-1.71E-02	0.00E+00
1.28E+00	6.40E+01	-8.68E-02	-1.95E-02	0.00E+00
1.30E+00	6.37E+01	3.55E-02	-1.59E-02	0.00E+00
1.32E+00	6.37E+01	9.66E-02	-4.15E-02	0.00E+00
1.34E+00	6.33E+01	1.58E-01	-1.10E-02	0.00E+00
1.36E+00	6.31E+01	4.89E-03	-1.59E-02	0.00E+00
1.38E+00	6.32E+01	-1.04E-02	-1.46E-02	0.00E+00
1.40E+00	6.27E+01	-8.68E-02	-1.71E-02	0.00E+00
1.42E+00	6.26E+01	-8.68E-02	-1.71E-02	0.00E+00
1.44E+00	6.26E+01	4.89E-03	-1.71E-02	0.00E+00
1.46E+00	6.20E+01	-1.17E-01	-1.59E-02	0.00E+00
1.48E+00	6.20E+01	-8.68E-02	-1.10E-02	0.00E+00
1.50E+00	6.19E+01	3.55E-02	-1.71E-02	0.00E+00
1.52E+00	6.14E+01	-2.57E-02	-1.71E-02	0.00E+00
1.54E+00	6.13E+01	4.89E-03	-6.10E-03	0.00E+00
1.56E+00	6.14E+01	1.88E-01	-2.08E-02	0.00E+00
1.58E+00	6.08E+01	4.89E-03	-3.17E-02	0.00E+00
1.60E+00	6.08E+01	-8.68E-02	-1.46E-02	0.00E+00
1.62E+00	6.07E+01	5.08E-02	-1.95E-02	0.00E+00
1.64E+00	6.02E+01	-5.63E-02	-9.77E-03	0.00E+00
1.66E+00	6.03E+01	-2.57E-02	-1.34E-02	0.00E+00
1.68E+00	6.02E+01	-2.57E-02	7.32E-03	0.00E+00
1.70E+00	5.97E+01	4.89E-03	-1.71E-02	0.00E+00
1.72E+00	5.98E+01	4.89E-03	-2.93E-02	0.00E+00
1.74E+00	5.94E+01	3.55E-02	-1.95E-02	0.00E+00
1.76E+00	5.93E+01	-8.68E-02	-1.46E-02	0.00E+00
1.78E+00	5.91E+01	1.58E-01	-7.32E-03	0.00E+00
1.80E+00	5.87E+01	3.11E-01	-7.32E-03	0.00E+00
1.82E+00	5.85E+01	8.13E-02	-3.91E-02	0.00E+00
1.84E+00	5.85E+01	1.27E-01	-1.71E-02	0.00E+00
1.86E+00	5.83E+01	5.08E-02	-1.46E-02	0.00E+00
1.88E+00	5.80E+01	-5.63E-02	-3.17E-02	0.00E+00
1.90E+00	5.81E+01	-5.63E-02	-6.10E-03	0.00E+00
1.92E+00	5.73E+01	-5.63E-02	-1.22E-02	0.00E+00
1.94E+00	5.74E+01	-1.33E-01	-1.83E-02	0.00E+00
1.96E+00	5.70E+01	-1.48E-01	-1.46E-02	0.00E+00
1.98E+00	5.67E+01	1.27E-01	-2.93E-02	0.00E+00
2.00E+00	5.68E+01	-5.63E-02	-1.95E-02	0.00E+00
2.02E+00	5.64E+01	-1.48E-01	-1.71E-02	0.00E+00
2.04E+00	5.61E+01	5.08E-02	-2.20E-02	0.00E+00
2.06E+00	5.62E+01	-5.63E-02	-1.34E-02	0.00E+00

2.08E+00	5.56E+01	2.02E-02	-2.20E-02	0.00E+00
2.10E+00	5.56E+01	9.66E-02	-1.95E-02	0.00E+00
2.12E+00	5.54E+01	9.66E-02	-1.46E-02	0.00E+00
2.14E+00	5.50E+01	3.55E-02	-2.08E-02	0.00E+00
2.16E+00	5.49E+01	3.55E-02	-3.42E-02	0.00E+00
2.18E+00	5.45E+01	-8.68E-02	-4.27E-02	0.00E+00
2.20E+00	5.45E+01	3.55E-02	-9.77E-03	0.00E+00
2.22E+00	5.42E+01	-1.04E-02	-2.56E-02	0.00E+00
2.24E+00	5.39E+01	-1.17E-01	-1.71E-02	0.00E+00
2.26E+00	5.38E+01	-1.04E-02	-3.42E-02	0.00E+00
2.28E+00	5.35E+01	-3.62E-01	-1.95E-02	0.00E+00
2.30E+00	5.34E+01	-2.57E-02	-2.81E-02	0.00E+00
2.32E+00	5.32E+01	4.89E-03	-2.93E-02	0.00E+00
2.34E+00	5.27E+01	1.58E-01	-1.22E-02	0.00E+00
2.36E+00	5.28E+01	-1.48E-01	-1.46E-02	0.00E+00
2.38E+00	5.26E+01	-1.48E-01	-1.22E-02	0.00E+00
2.40E+00	5.21E+01	-2.57E-02	-1.34E-02	0.00E+00
2.42E+00	5.22E+01	-1.02E-01	-1.83E-02	0.00E+00
2.44E+00	5.18E+01	-1.48E-01	-9.77E-03	0.00E+00
2.46E+00	5.15E+01	-1.04E-02	-7.32E-03	0.00E+00
2.48E+00	5.15E+01	-7.16E-02	-2.20E-02	0.00E+00
2.50E+00	5.12E+01	-2.57E-02	-1.59E-02	0.00E+00
2.52E+00	5.09E+01	5.08E-02	-1.34E-02	0.00E+00
2.54E+00	5.10E+01	-5.63E-02	-2.44E-02	0.00E+00
2.56E+00	5.04E+01	-5.63E-02	-1.71E-02	0.00E+00
2.58E+00	5.03E+01	6.61E-02	-1.71E-02	0.00E+00
2.60E+00	5.03E+01	-2.09E-01	-1.22E-02	0.00E+00
2.62E+00	4.98E+01	-5.63E-02	-9.77E-03	0.00E+00
2.64E+00	4.97E+01	3.55E-02	-1.22E-02	0.00E+00
2.66E+00	4.96E+01	1.43E-01	-2.93E-02	0.00E+00
2.68E+00	4.93E+01	-2.09E-01	-2.20E-02	0.00E+00
2.70E+00	4.93E+01	-1.04E-02	-8.54E-03	0.00E+00
2.72E+00	4.87E+01	6.61E-02	-1.34E-02	0.00E+00
2.74E+00	4.87E+01	-2.57E-02	-1.46E-02	0.00E+00
2.76E+00	4.82E+01	-4.10E-02	-1.46E-02	0.00E+00
2.78E+00	4.80E+01	-7.16E-02	-7.32E-03	0.00E+00
2.80E+00	4.80E+01	-2.57E-02	-3.17E-02	0.00E+00
2.82E+00	4.78E+01	-2.09E-01	-1.59E-02	0.00E+00
2.84E+00	4.76E+01	9.66E-02	-2.32E-02	0.00E+00
2.86E+00	4.75E+01	-2.57E-02	-2.69E-02	0.00E+00
2.88E+00	4.69E+01	-2.55E-01	-1.46E-02	0.00E+00
2.90E+00	4.68E+01	3.55E-02	-1.46E-02	0.00E+00
2.92E+00	4.66E+01	-2.57E-02	-1.83E-02	0.00E+00
2.94E+00	4.63E+01	1.27E-01	-1.34E-02	0.00E+00
2.96E+00	4.63E+01	3.55E-02	-1.22E-02	0.00E+00
2.98E+00	4.58E+01	-2.57E-02	-1.46E-02	0.00E+00
3.00E+00	4.57E+01	-5.63E-02	-1.34E-02	0.00E+00

3.02E+00	4.55E+01	-2.57E-02	-1.59E-02	0.00E+00
3.04E+00	4.52E+01	-1.33E-01	-1.71E-02	0.00E+00
3.06E+00	4.52E+01	6.61E-02	-4.88E-03	0.00E+00
3.08E+00	4.46E+01	1.27E-01	-1.95E-02	0.00E+00
3.10E+00	4.47E+01	-5.63E-02	-2.32E-02	0.00E+00
3.12E+00	4.43E+01	8.13E-02	-1.71E-02	0.00E+00
3.14E+00	4.40E+01	-1.48E-01	-1.95E-02	0.00E+00
3.16E+00	4.36E+01	-2.57E-02	-1.46E-02	0.00E+00
3.18E+00	4.34E+01	1.58E-01	-9.77E-03	0.00E+00
3.20E+00	4.35E+01	3.55E-02	7.32E-03	0.00E+00
3.22E+00	4.28E+01	4.89E-03	-1.46E-02	0.00E+00
3.24E+00	4.29E+01	-5.63E-02	-2.93E-02	0.00E+00
3.26E+00	4.24E+01	1.27E-01	-3.91E-02	0.00E+00
3.28E+00	4.24E+01	1.73E-01	-3.30E-02	0.00E+00
3.30E+00	4.21E+01	-1.48E-01	-1.71E-02	0.00E+00
3.32E+00	4.17E+01	-8.68E-02	-1.71E-02	0.00E+00
3.34E+00	4.17E+01	-8.68E-02	-1.34E-02	0.00E+00
3.36E+00	4.12E+01	-3.31E-01	-1.46E-02	0.00E+00
3.38E+00	4.11E+01	1.12E-01	-2.08E-02	0.00E+00
3.40E+00	4.08E+01	-8.68E-02	-2.08E-02	0.00E+00
3.42E+00	4.06E+01	-4.10E-02	-2.93E-02	0.00E+00
3.44E+00	4.05E+01	6.61E-02	-1.46E-02	0.00E+00
3.46E+00	4.00E+01	1.12E-01	-7.32E-03	0.00E+00
3.48E+00	4.00E+01	-1.48E-01	-1.46E-02	0.00E+00
3.50E+00	3.96E+01	-7.16E-02	-8.54E-03	0.00E+00
3.52E+00	3.95E+01	1.88E-01	-1.71E-02	0.00E+00
3.54E+00	3.92E+01	1.27E-01	-1.95E-02	0.00E+00
3.56E+00	3.90E+01	8.13E-02	-1.95E-02	0.00E+00
3.58E+00	3.88E+01	2.65E-01	-2.20E-02	0.00E+00
3.60E+00	3.86E+01	4.89E-03	-2.44E-02	0.00E+00
3.62E+00	3.82E+01	-2.40E-01	-9.77E-03	0.00E+00
3.64E+00	3.80E+01	-2.57E-02	-7.32E-03	0.00E+00
3.66E+00	3.77E+01	-2.57E-02	-1.83E-02	0.00E+00
3.68E+00	3.75E+01	-1.17E-01	-9.77E-03	0.00E+00
3.70E+00	3.71E+01	6.61E-02	-1.95E-02	0.00E+00
3.72E+00	3.69E+01	-2.70E-01	-2.44E-02	0.00E+00
3.74E+00	3.65E+01	-1.02E-01	-4.88E-03	0.00E+00
3.76E+00	3.64E+01	-2.09E-01	-1.22E-02	0.00E+00
3.78E+00	3.62E+01	4.89E-03	-3.66E-03	0.00E+00
3.80E+00	3.58E+01	-1.94E-01	-2.44E-03	0.00E+00
3.82E+00	3.58E+01	1.43E-01	-2.20E-02	0.00E+00
3.84E+00	3.54E+01	-1.79E-01	-2.56E-02	0.00E+00
3.86E+00	3.52E+01	2.04E-01	-1.71E-02	0.00E+00
3.88E+00	3.46E+01	4.89E-03	2.44E-03	0.00E+00
3.90E+00	3.47E+01	-3.93E-01	-1.22E-02	0.00E+00
3.92E+00	3.41E+01	4.89E-03	0.00E+00	0.00E+00
3.94E+00	3.41E+01	3.41E-01	-4.52E-02	0.00E+00

3.96E+00	3.36E+01	-5.63E-02	-2.20E-02	0.00E+00
3.98E+00	3.35E+01	-5.63E-02	-2.32E-02	0.00E+00
4.00E+00	3.30E+01	-2.57E-02	-1.46E-02	0.00E+00
4.02E+00	3.30E+01	-5.63E-02	-2.44E-03	0.00E+00
4.04E+00	3.24E+01	2.50E-01	-7.32E-03	0.00E+00
4.06E+00	3.25E+01	4.89E-03	-1.95E-02	0.00E+00
4.08E+00	3.19E+01	-1.33E-01	-2.44E-03	0.00E+00
4.10E+00	3.17E+01	-1.79E-01	-8.54E-03	0.00E+00
4.12E+00	3.12E+01	-4.10E-02	-2.44E-03	0.00E+00
4.14E+00	3.12E+01	-1.48E-01	-1.34E-02	0.00E+00
4.16E+00	3.04E+01	-4.10E-02	-1.10E-02	0.00E+00
4.18E+00	3.06E+01	-4.10E-02	-1.22E-02	0.00E+00
4.20E+00	3.00E+01	-8.68E-02	0.00E+00	0.00E+00
4.22E+00	3.01E+01	4.89E-03	-3.17E-02	0.00E+00
4.24E+00	2.96E+01	2.80E-01	-2.69E-02	0.00E+00
4.26E+00	2.94E+01	-1.04E-02	-4.15E-02	0.00E+00
4.28E+00	2.90E+01	1.27E-01	-1.46E-02	0.00E+00
4.30E+00	2.88E+01	-1.02E-01	-3.66E-03	0.00E+00
4.32E+00	2.84E+01	-1.33E-01	-1.71E-02	0.00E+00
4.34E+00	2.83E+01	-2.57E-02	0.00E+00	0.00E+00
4.36E+00	2.80E+01	3.11E-01	-3.66E-02	0.00E+00
4.38E+00	2.79E+01	3.55E-02	-2.20E-02	0.00E+00
4.40E+00	2.72E+01	-1.04E-02	-3.17E-02	0.00E+00
4.42E+00	2.71E+01	2.02E-02	-1.34E-02	0.00E+00
4.44E+00	2.66E+01	-4.10E-02	-3.66E-03	0.00E+00
4.46E+00	2.63E+01	-1.48E-01	-9.77E-03	0.00E+00
4.48E+00	2.58E+01	-1.17E-01	-1.95E-02	0.00E+00
4.50E+00	2.55E+01	-2.57E-02	-4.15E-02	0.00E+00
4.52E+00	2.53E+01	-1.79E-01	-2.20E-02	0.00E+00
4.54E+00	2.50E+01	3.55E-02	-1.95E-02	0.00E+00
4.56E+00	2.47E+01	-1.02E-01	-2.20E-02	0.00E+00
4.58E+00	2.42E+01	6.61E-02	-2.93E-02	0.00E+00
4.60E+00	2.43E+01	-1.04E-02	-2.08E-02	0.00E+00
4.62E+00	2.37E+01	2.02E-02	-2.69E-02	0.00E+00
4.64E+00	2.37E+01	-5.63E-02	-1.83E-02	0.00E+00
4.66E+00	2.31E+01	-7.16E-02	-1.71E-02	0.00E+00
4.68E+00	2.31E+01	-5.63E-02	-1.22E-02	0.00E+00
4.70E+00	2.26E+01	5.08E-02	-1.46E-02	0.00E+00
4.72E+00	2.25E+01	-2.57E-02	-1.46E-02	0.00E+00
4.74E+00	2.20E+01	-1.04E-02	-1.71E-02	0.00E+00
4.76E+00	2.19E+01	1.27E-01	-1.59E-02	0.00E+00
4.78E+00	2.14E+01	1.12E-01	-2.44E-02	0.00E+00
4.80E+00	2.14E+01	-7.16E-02	-1.59E-02	0.00E+00
4.82E+00	2.10E+01	-5.63E-02	-1.46E-02	0.00E+00
4.84E+00	2.07E+01	-1.17E-01	-2.69E-02	0.00E+00
4.86E+00	2.02E+01	4.89E-03	-1.95E-02	0.00E+00
4.88E+00	1.99E+01	-2.57E-02	1.22E-03	0.00E+00

4.90E+00	1.97E+01	1.88E-01	-4.88E-03	0.00E+00
4.92E+00	1.94E+01	1.58E-01	-2.44E-02	0.00E+00
4.94E+00	1.90E+01	-5.63E-02	-3.66E-03	0.00E+00
4.96E+00	1.87E+01	-1.48E-01	-2.20E-02	0.00E+00
4.98E+00	1.83E+01	-8.68E-02	-1.71E-02	0.00E+00
5.00E+00	1.81E+01	-1.48E-01	-3.66E-03	0.00E+00
5.02E+00	1.78E+01	5.08E-02	-4.88E-03	0.00E+00
5.04E+00	1.76E+01	1.88E-01	-3.17E-02	0.00E+00
5.06E+00	1.73E+01	-5.63E-02	-1.46E-02	0.00E+00
5.08E+00	1.68E+01	4.89E-03	-6.10E-03	0.00E+00
5.10E+00	1.67E+01	2.80E-01	-1.46E-02	0.00E+00
5.12E+00	1.63E+01	-1.48E-01	-3.66E-02	0.00E+00
5.14E+00	1.61E+01	2.65E-01	-1.83E-02	0.00E+00
5.16E+00	1.57E+01	-1.04E-02	-1.10E-02	0.00E+00
5.18E+00	1.55E+01	-1.02E-01	-4.39E-02	0.00E+00
5.20E+00	1.50E+01	-3.47E-01	-1.22E-02	0.00E+00
5.22E+00	1.51E+01	4.89E-03	-1.71E-02	0.00E+00
5.24E+00	1.45E+01	5.08E-02	-2.20E-02	0.00E+00
5.26E+00	1.44E+01	4.89E-03	-2.20E-02	0.00E+00
5.28E+00	1.41E+01	-8.68E-02	-1.22E-02	0.00E+00
5.30E+00	1.37E+01	4.89E-03	-1.71E-02	0.00E+00
5.32E+00	1.35E+01	6.61E-02	-1.10E-02	0.00E+00
5.34E+00	1.31E+01	1.12E-01	-1.34E-02	0.00E+00
5.36E+00	1.30E+01	1.73E-01	-1.71E-02	0.00E+00
5.38E+00	1.26E+01	-5.63E-02	-4.88E-03	0.00E+00
5.40E+00	1.24E+01	6.61E-02	-1.34E-02	0.00E+00
5.42E+00	1.20E+01	-2.57E-02	-1.46E-02	0.00E+00
5.44E+00	1.18E+01	-1.33E-01	-7.32E-03	0.00E+00
5.46E+00	1.14E+01	-1.17E-01	-4.88E-03	0.00E+00
5.48E+00	1.13E+01	1.58E-01	-1.34E-02	0.00E+00
5.50E+00	1.09E+01	-1.48E-01	-1.71E-02	0.00E+00
5.52E+00	1.07E+01	-2.57E-02	-2.08E-02	0.00E+00
5.54E+00	1.03E+01	9.66E-02	-2.20E-02	0.00E+00
5.56E+00	1.01E+01	-8.68E-02	-2.93E-02	0.00E+00
5.58E+00	9.68E+00	3.55E-02	-1.10E-02	0.00E+00
5.60E+00	9.34E+00	-2.57E-02	-2.20E-02	0.00E+00
5.62E+00	9.04E+00	-8.68E-02	-1.71E-02	0.00E+00
5.64E+00	8.74E+00	-8.68E-02	-1.34E-02	0.00E+00
5.66E+00	8.52E+00	3.55E-02	-2.44E-03	0.00E+00
5.68E+00	8.27E+00	-3.62E-01	-2.20E-02	0.00E+00
5.70E+00	7.84E+00	4.89E-03	-7.32E-03	0.00E+00
5.72E+00	7.72E+00	1.27E-01	-3.91E-02	0.00E+00
5.74E+00	7.50E+00	1.27E-01	-1.95E-02	0.00E+00
5.76E+00	6.99E+00	1.43E-01	-3.17E-02	0.00E+00
5.78E+00	6.78E+00	3.26E-01	-1.71E-02	0.00E+00
5.80E+00	6.25E+00	-1.48E-01	-1.34E-02	0.00E+00
5.82E+00	6.09E+00	4.33E-01	-1.22E-02	0.00E+00

5.84E+00	5.85E+00	-5.63E-02	-2.44E-03	0.00E+00
5.86E+00	5.62E+00	-2.09E-01	-4.76E-02	0.00E+00
5.88E+00	5.48E+00	-1.79E-01	-2.44E-03	0.00E+00
5.90E+00	5.08E+00	-4.10E-02	-1.46E-02	0.00E+00
5.92E+00	5.13E+00	5.08E-02	-2.20E-02	0.00E+00
5.94E+00	4.85E+00	-1.02E-01	-8.54E-03	0.00E+00
5.96E+00	4.54E+00	-1.04E-02	-2.20E-02	0.00E+00
5.98E+00	4.51E+00	3.55E-02	-3.91E-02	0.00E+00
6.00E+00	4.40E+00	-3.01E-01	-1.46E-02	0.00E+00
6.02E+00	4.12E+00	-2.57E-02	-3.42E-02	0.00E+00
6.04E+00	3.97E+00	1.12E-01	-2.44E-02	0.00E+00
6.06E+00	3.86E+00	-1.17E-01	-2.44E-03	0.00E+00
6.08E+00	3.91E+00	3.55E-02	-2.69E-02	0.00E+00
6.10E+00	4.09E+00	2.02E-02	-3.30E-02	0.00E+00
6.12E+00	3.57E+00	-1.17E-01	-7.32E-03	0.00E+00
6.14E+00	3.44E+00	3.55E-02	-2.20E-02	0.00E+00
6.16E+00	3.46E+00	4.89E-03	-1.71E-02	0.00E+00
6.18E+00	3.27E+00	-2.57E-02	-1.83E-02	0.00E+00
6.20E+00	3.34E+00	4.89E-03	-1.22E-02	0.00E+00
6.22E+00	3.33E+00	1.88E-01	-2.44E-02	0.00E+00
6.24E+00	3.25E+00	6.61E-02	-4.88E-03	0.00E+00
6.26E+00	3.40E+00	9.66E-02	-1.59E-02	0.00E+00
6.28E+00	3.34E+00	-4.10E-02	-1.46E-02	0.00E+00
6.30E+00	3.30E+00	-7.16E-02	-7.32E-03	0.00E+00
6.32E+00	3.23E+00	9.66E-02	-1.71E-02	0.00E+00
6.34E+00	3.36E+00	1.88E-01	-2.20E-02	0.00E+00
6.36E+00	3.40E+00	-8.68E-02	-2.44E-03	0.00E+00
6.38E+00	3.33E+00	9.66E-02	-1.95E-02	0.00E+00
6.40E+00	3.48E+00	-2.86E-01	-2.08E-02	0.00E+00
6.42E+00	3.33E+00	-1.63E-01	7.32E-03	0.00E+00
6.44E+00	3.27E+00	2.19E-01	-1.71E-02	0.00E+00
6.46E+00	3.39E+00	-8.68E-02	-1.34E-02	0.00E+00
6.48E+00	3.33E+00	-1.33E-01	-2.08E-02	0.00E+00
6.50E+00	3.34E+00	3.55E-02	-1.10E-02	0.00E+00
6.52E+00	3.38E+00	-2.57E-02	-2.44E-02	0.00E+00
6.54E+00	3.33E+00	-1.02E-01	-1.95E-02	0.00E+00
6.56E+00	3.30E+00	-2.57E-02	-1.34E-02	0.00E+00
6.58E+00	3.37E+00	-5.63E-02	-8.54E-03	0.00E+00
6.60E+00	3.33E+00	8.13E-02	-1.34E-02	0.00E+00
6.62E+00	3.39E+00	-2.57E-02	-2.20E-02	0.00E+00
6.64E+00	3.37E+00	8.13E-02	-1.71E-02	0.00E+00
6.66E+00	3.43E+00	-5.63E-02	-1.34E-02	0.00E+00
6.68E+00	3.23E+00	8.13E-02	1.22E-03	0.00E+00
6.70E+00	3.39E+00	-2.24E-01	-2.44E-02	0.00E+00
6.72E+00	3.26E+00	-1.48E-01	6.10E-03	0.00E+00
6.74E+00	3.24E+00	1.88E-01	-2.44E-03	0.00E+00
6.76E+00	3.23E+00	3.55E-02	-2.93E-02	0.00E+00

6.78E+00	3.36E+00	-5.63E-02	-4.88E-02	0.00E+00
6.80E+00	3.29E+00	2.80E-01	-2.08E-02	0.00E+00
6.82E+00	3.50E+00	-1.17E-01	-1.95E-02	0.00E+00
6.84E+00	3.34E+00	-2.57E-02	-1.34E-02	0.00E+00
6.86E+00	3.32E+00	5.08E-02	-2.56E-02	0.00E+00
6.88E+00	3.30E+00	-1.48E-01	-1.22E-02	0.00E+00
6.90E+00	3.37E+00	5.08E-02	-1.95E-02	0.00E+00
6.92E+00	3.29E+00	-2.57E-02	-1.22E-02	0.00E+00
6.94E+00	3.30E+00	-4.10E-02	-2.44E-02	0.00E+00
6.96E+00	3.43E+00	3.55E-02	-2.32E-02	0.00E+00
6.98E+00	3.40E+00	-1.02E-01	-1.22E-02	0.00E+00
7.00E+00	3.34E+00	1.12E-01	-1.83E-02	0.00E+00
7.02E+00	3.39E+00	-1.17E-01	-2.32E-02	0.00E+00
7.04E+00	3.32E+00	3.55E-02	-4.88E-03	0.00E+00
7.06E+00	3.34E+00	1.27E-01	-1.22E-02	0.00E+00
7.08E+00	3.43E+00	6.61E-02	-4.15E-02	0.00E+00
7.10E+00	3.35E+00	-1.79E-01	-1.95E-02	0.00E+00
7.12E+00	3.30E+00	3.55E-02	-2.44E-03	0.00E+00
7.14E+00	3.41E+00	4.89E-03	-2.20E-02	0.00E+00
7.16E+00	3.22E+00	-8.68E-02	-1.22E-02	0.00E+00
7.18E+00	3.25E+00	-5.63E-02	-1.83E-02	0.00E+00
7.20E+00	3.39E+00	3.11E-01	-1.22E-02	0.00E+00
7.22E+00	3.47E+00	-1.33E-01	-1.34E-02	0.00E+00
7.24E+00	3.37E+00	4.89E-03	-7.32E-03	0.00E+00
7.26E+00	3.37E+00	-8.68E-02	-1.95E-02	0.00E+00
7.28E+00	3.27E+00	-1.02E-01	-1.46E-02	0.00E+00
7.30E+00	3.32E+00	-5.63E-02	-1.95E-02	0.00E+00
7.32E+00	3.36E+00	-1.17E-01	-1.46E-02	0.00E+00
7.34E+00	3.33E+00	2.02E-02	-9.77E-03	0.00E+00
7.36E+00	3.37E+00	1.27E-01	-1.95E-02	0.00E+00
7.38E+00	3.34E+00	3.55E-02	-1.95E-02	0.00E+00
7.40E+00	3.31E+00	-2.09E-01	-1.22E-02	0.00E+00
7.42E+00	3.36E+00	-4.10E-02	-1.71E-02	0.00E+00
7.44E+00	3.35E+00	4.89E-03	-7.32E-03	0.00E+00
7.46E+00	3.27E+00	1.88E-01	-1.95E-02	0.00E+00
7.48E+00	3.29E+00	-2.57E-02	-2.32E-02	0.00E+00
7.50E+00	3.36E+00	-3.31E-01	-2.44E-02	0.00E+00
7.52E+00	3.40E+00	4.89E-03	-1.95E-02	0.00E+00
7.54E+00	3.36E+00	-2.09E-01	-1.34E-02	0.00E+00
7.56E+00	3.32E+00	3.55E-02	-1.59E-02	0.00E+00
7.58E+00	3.27E+00	-7.16E-02	7.32E-03	0.00E+00
7.60E+00	3.34E+00	1.58E-01	-2.93E-02	0.00E+00
7.62E+00	3.25E+00	-2.24E-01	-1.95E-02	0.00E+00
7.64E+00	3.28E+00	-1.04E-02	-2.44E-02	0.00E+00
7.66E+00	3.34E+00	1.27E-01	-3.30E-02	0.00E+00
7.68E+00	3.29E+00	-5.63E-02	-1.46E-02	0.00E+00
7.70E+00	3.31E+00	-5.63E-02	-1.95E-02	0.00E+00

7.72E+00	3.36E+00	6.61E-02	-1.71E-02	0.00E+00
7.74E+00	3.41E+00	-5.63E-02	-1.83E-02	0.00E+00
7.76E+00	3.32E+00	1.27E-01	-1.22E-02	0.00E+00
7.78E+00	3.35E+00	-1.04E-02	-1.95E-02	0.00E+00
7.80E+00	3.35E+00	6.61E-02	-1.83E-02	0.00E+00
7.82E+00	3.24E+00	-4.10E-02	-7.32E-03	0.00E+00
7.84E+00	3.33E+00	9.66E-02	-1.22E-02	0.00E+00
7.86E+00	3.40E+00	6.61E-02	-2.20E-02	0.00E+00
7.88E+00	3.30E+00	-8.68E-02	-2.32E-02	0.00E+00
7.90E+00	3.39E+00	-1.79E-01	-2.32E-02	0.00E+00
7.92E+00	3.35E+00	-1.48E-01	-1.22E-02	0.00E+00
7.94E+00	3.28E+00	-7.16E-02	-1.10E-02	0.00E+00
7.96E+00	3.46E+00	-1.79E-01	-9.77E-03	0.00E+00
7.98E+00	3.32E+00	2.19E-01	7.32E-03	0.00E+00
8.00E+00	3.26E+00	6.61E-02	-4.88E-03	0.00E+00
8.02E+00	3.24E+00	1.88E-01	-2.44E-02	0.00E+00
8.04E+00	3.37E+00	4.89E-03	-2.69E-02	0.00E+00
8.06E+00	3.33E+00	-1.02E-01	-1.71E-02	0.00E+00
8.08E+00	3.27E+00	-1.02E-01	-1.22E-02	0.00E+00
8.10E+00	3.35E+00	-1.48E-01	-2.69E-02	0.00E+00
8.12E+00	3.30E+00	-8.68E-02	-9.77E-03	0.00E+00
8.14E+00	3.28E+00	2.02E-02	-9.77E-03	0.00E+00
8.16E+00	3.37E+00	-5.63E-02	-1.95E-02	0.00E+00
8.18E+00	3.27E+00	-5.63E-02	-2.20E-02	0.00E+00
8.20E+00	3.34E+00	2.02E-02	-1.34E-02	0.00E+00
8.22E+00	3.34E+00	-2.57E-02	-3.05E-02	0.00E+00
8.24E+00	3.27E+00	1.58E-01	-2.08E-02	0.00E+00
8.26E+00	3.34E+00	1.73E-01	-1.46E-02	0.00E+00
8.28E+00	3.33E+00	-1.17E-01	-9.77E-03	0.00E+00
8.30E+00	3.32E+00	4.89E-03	-1.71E-02	0.00E+00
8.32E+00	3.49E+00	-4.10E-02	-3.17E-02	0.00E+00
8.34E+00	3.31E+00	6.61E-02	-1.59E-02	0.00E+00
8.36E+00	3.19E+00	-2.57E-02	4.88E-03	0.00E+00
8.38E+00	3.31E+00	2.19E-01	-3.17E-02	0.00E+00
8.40E+00	3.37E+00	1.88E-01	-1.46E-02	0.00E+00
8.42E+00	3.24E+00	-5.63E-02	0.00E+00	0.00E+00
8.44E+00	3.39E+00	2.02E-02	-2.93E-02	0.00E+00
8.46E+00	3.39E+00	-2.57E-02	-4.88E-03	0.00E+00
8.48E+00	3.31E+00	-3.31E-01	-1.22E-02	0.00E+00
8.50E+00	3.18E+00	4.89E-03	-2.20E-02	0.00E+00
8.52E+00	3.37E+00	4.89E-03	-3.42E-02	0.00E+00
8.54E+00	3.25E+00	2.04E-01	-7.32E-03	0.00E+00
8.56E+00	3.34E+00	2.02E-02	-1.71E-02	0.00E+00
8.58E+00	3.41E+00	4.89E-03	-1.95E-02	0.00E+00
8.60E+00	3.37E+00	-7.16E-02	-1.59E-02	0.00E+00
8.62E+00	3.36E+00	5.08E-02	-9.77E-03	0.00E+00
8.64E+00	3.36E+00	-4.10E-02	-1.22E-02	0.00E+00

8.66E+00	3.32E+00	9.66E-02	-3.42E-02	0.00E+00
8.68E+00	3.34E+00	-3.01E-01	-7.32E-03	0.00E+00
8.70E+00	3.39E+00	9.66E-02	-2.44E-02	0.00E+00
8.72E+00	3.33E+00	-7.16E-02	-2.69E-02	0.00E+00
8.74E+00	3.34E+00	9.66E-02	-9.77E-03	0.00E+00
8.76E+00	3.30E+00	-4.10E-02	-1.46E-02	0.00E+00
8.78E+00	3.31E+00	-2.57E-02	-1.22E-02	0.00E+00
8.80E+00	3.28E+00	5.08E-02	-9.77E-03	0.00E+00
8.82E+00	3.39E+00	-2.57E-02	-9.77E-03	0.00E+00
8.84E+00	3.31E+00	3.55E-02	-1.46E-02	0.00E+00
8.86E+00	3.42E+00	-4.10E-02	-8.54E-03	0.00E+00
8.88E+00	3.36E+00	-2.57E-02	-2.69E-02	0.00E+00
8.90E+00	3.42E+00	-1.02E-01	-1.34E-02	0.00E+00
8.92E+00	3.30E+00	-2.40E-01	-2.32E-02	0.00E+00
8.94E+00	3.30E+00	3.55E-02	-1.22E-02	0.00E+00
8.96E+00	3.27E+00	4.89E-03	-3.66E-02	0.00E+00
8.98E+00	3.32E+00	8.13E-02	-1.46E-02	0.00E+00
9.00E+00	3.48E+00	-5.63E-02	-2.44E-03	0.00E+00
9.02E+00	3.32E+00	2.34E-01	-2.20E-02	0.00E+00
9.04E+00	3.24E+00	6.61E-02	0.00E+00	0.00E+00
9.06E+00	3.31E+00	-2.57E-02	-1.10E-02	0.00E+00
9.08E+00	3.28E+00	4.89E-03	-1.22E-02	0.00E+00
9.10E+00	3.29E+00	5.08E-02	-1.95E-02	0.00E+00
9.12E+00	3.41E+00	-2.57E-02	-1.59E-02	0.00E+00
9.14E+00	3.37E+00	-1.79E-01	-1.34E-02	0.00E+00
9.16E+00	3.30E+00	2.02E-02	-1.95E-02	0.00E+00
9.18E+00	3.33E+00	4.89E-03	-7.32E-03	0.00E+00
9.20E+00	3.27E+00	-4.10E-02	-9.77E-03	0.00E+00
9.22E+00	3.38E+00	-2.57E-02	-1.71E-02	0.00E+00
9.24E+00	3.38E+00	-2.57E-02	-2.56E-02	0.00E+00
9.26E+00	3.30E+00	-4.10E-02	-2.20E-02	0.00E+00
9.28E+00	3.37E+00	-1.33E-01	-2.44E-02	0.00E+00
9.30E+00	3.29E+00	-2.57E-02	-9.77E-03	0.00E+00
9.32E+00	3.26E+00	-5.63E-02	2.44E-03	0.00E+00
9.34E+00	3.40E+00	-7.16E-02	-1.59E-02	0.00E+00
9.36E+00	3.47E+00	-2.57E-02	-2.56E-02	0.00E+00
9.38E+00	3.33E+00	-1.79E-01	-1.95E-02	0.00E+00
9.40E+00	3.28E+00	3.55E-02	-2.20E-02	0.00E+00
9.42E+00	3.37E+00	-2.40E-01	-1.46E-02	0.00E+00
9.44E+00	3.45E+00	-2.09E-01	2.44E-03	0.00E+00
9.46E+00	3.27E+00	3.11E-01	-3.91E-02	0.00E+00
9.48E+00	3.36E+00	1.88E-01	-2.69E-02	0.00E+00
9.50E+00	3.49E+00	3.55E-02	-1.46E-02	0.00E+00
9.52E+00	3.33E+00	4.89E-03	-2.32E-02	0.00E+00
9.54E+00	3.39E+00	-2.40E-01	-2.93E-02	0.00E+00
9.56E+00	3.25E+00	1.43E-01	-7.32E-03	0.00E+00
9.58E+00	3.32E+00	3.55E-02	-1.95E-02	0.00E+00

9.60E+00	3.37E+00	-1.04E-02	-1.46E-02	0.00E+00
9.62E+00	3.35E+00	4.89E-03	-1.46E-02	0.00E+00
9.64E+00	3.39E+00	-2.57E-02	-2.20E-02	0.00E+00
9.66E+00	3.35E+00	-2.57E-02	-2.69E-02	0.00E+00
9.68E+00	3.31E+00	-1.79E-01	-9.77E-03	0.00E+00
9.70E+00	3.37E+00	-5.63E-02	-2.20E-02	0.00E+00
9.72E+00	3.32E+00	-1.48E-01	-1.22E-02	0.00E+00
9.74E+00	3.29E+00	-2.57E-02	-1.46E-02	0.00E+00
9.76E+00	3.44E+00	6.61E-02	-1.95E-02	0.00E+00
9.78E+00	3.42E+00	-1.33E-01	-2.44E-02	0.00E+00
9.80E+00	3.29E+00	-8.68E-02	-1.46E-02	0.00E+00
9.82E+00	3.35E+00	-5.63E-02	-1.95E-02	0.00E+00
9.84E+00	3.27E+00	4.89E-03	-2.20E-02	0.00E+00
9.86E+00	3.32E+00	-1.79E-01	3.66E-03	0.00E+00
9.88E+00	3.42E+00	3.41E-01	-2.08E-02	0.00E+00
9.90E+00	3.46E+00	-1.02E-01	-1.95E-02	0.00E+00
9.92E+00	3.31E+00	1.88E-01	-1.10E-02	0.00E+00
9.94E+00	3.50E+00	2.19E-01	-3.78E-02	0.00E+00
9.96E+00	3.35E+00	-2.70E-01	-1.22E-02	0.00E+00
9.98E+00	3.35E+00	5.08E-02	-7.32E-03	0.00E+00
1.00E+01	3.35E+00	1.27E-01	-3.91E-02	0.00E+00
1.00E+01	3.30E+00	-5.63E-02	-1.22E-02	0.00E+00
1.00E+01	3.35E+00	1.27E-01	-1.95E-02	0.00E+00
1.01E+01	3.33E+00	3.55E-02	-2.32E-02	0.00E+00
1.01E+01	3.32E+00	-2.40E-01	-8.54E-03	0.00E+00
1.01E+01	3.34E+00	8.13E-02	-1.46E-02	0.00E+00
1.01E+01	3.34E+00	-2.57E-02	-7.32E-03	0.00E+00
1.01E+01	3.32E+00	-1.04E-02	-1.22E-02	0.00E+00
1.02E+01	3.34E+00	-7.16E-02	-2.20E-02	0.00E+00
1.02E+01	3.39E+00	1.12E-01	-2.69E-02	0.00E+00
1.02E+01	3.31E+00	-1.94E-01	-2.44E-02	0.00E+00
1.02E+01	3.28E+00	4.89E-03	-1.10E-02	0.00E+00
1.02E+01	3.28E+00	3.55E-02	-1.46E-02	0.00E+00
1.03E+01	3.31E+00	8.13E-02	-9.77E-03	0.00E+00
1.03E+01	3.32E+00	-7.16E-02	-1.71E-02	0.00E+00
1.03E+01	3.34E+00	2.02E-02	-3.42E-02	0.00E+00
1.03E+01	3.33E+00	-1.79E-01	-1.46E-02	0.00E+00
1.03E+01	3.32E+00	-5.63E-02	-1.46E-02	0.00E+00
1.04E+01	3.33E+00	-1.04E-02	-1.46E-02	0.00E+00
1.04E+01	3.36E+00	-2.57E-02	-3.66E-03	0.00E+00
1.04E+01	3.31E+00	6.61E-02	-1.22E-02	0.00E+00
1.04E+01	3.47E+00	4.89E-03	-1.71E-02	0.00E+00
1.04E+01	3.32E+00	-1.17E-01	-2.44E-03	0.00E+00
1.05E+01	3.31E+00	2.02E-02	-1.34E-02	0.00E+00
1.05E+01	3.39E+00	-1.17E-01	-7.32E-03	0.00E+00
1.05E+01	3.33E+00	-2.09E-01	-1.22E-02	0.00E+00
1.05E+01	3.23E+00	6.61E-02	2.44E-03	0.00E+00

1.05E+01	3.35E+00	2.34E-01	-1.22E-02	0.00E+00
1.06E+01	3.40E+00	4.89E-03	-1.22E-02	0.00E+00
1.06E+01	3.28E+00	2.02E-02	-1.22E-02	0.00E+00
1.06E+01	3.34E+00	-8.68E-02	-1.95E-02	0.00E+00
1.06E+01	3.43E+00	-1.04E-02	-2.20E-02	0.00E+00
1.06E+01	3.27E+00	2.50E-01	-4.88E-03	0.00E+00
1.07E+01	3.48E+00	8.13E-02	-3.91E-02	0.00E+00
1.07E+01	3.35E+00	-2.40E-01	-9.77E-03	0.00E+00
1.07E+01	3.28E+00	3.72E-01	-1.83E-02	0.00E+00
1.07E+01	3.49E+00	9.66E-02	-2.20E-02	0.00E+00
1.07E+01	3.31E+00	-5.63E-02	-2.69E-02	0.00E+00
1.08E+01	3.32E+00	-1.02E-01	9.77E-03	0.00E+00
1.08E+01	3.33E+00	8.13E-02	-1.46E-02	0.00E+00
1.08E+01	3.25E+00	-1.48E-01	-2.69E-02	0.00E+00
1.08E+01	3.34E+00	1.12E-01	-2.20E-02	0.00E+00
1.08E+01	3.42E+00	2.80E-01	-2.20E-02	0.00E+00
1.09E+01	3.35E+00	-4.10E-02	-1.83E-02	0.00E+00
1.09E+01	3.32E+00	-2.57E-02	-1.71E-02	0.00E+00
1.09E+01	3.35E+00	-1.79E-01	-1.71E-02	0.00E+00
1.09E+01	3.29E+00	4.89E-03	-1.83E-02	0.00E+00
1.09E+01	3.30E+00	1.27E-01	-1.71E-02	0.00E+00
1.10E+01	3.35E+00	3.55E-02	-2.20E-02	0.00E+00
1.10E+01	3.31E+00	-2.57E-02	-1.22E-02	0.00E+00
1.10E+01	3.34E+00	-8.68E-02	-1.71E-02	0.00E+00
1.10E+01	3.41E+00	4.89E-03	-2.69E-02	0.00E+00
1.10E+01	3.34E+00	-2.57E-02	-1.59E-02	0.00E+00
1.11E+01	3.27E+00	8.13E-02	-8.54E-03	0.00E+00
1.11E+01	3.41E+00	1.58E-01	-1.71E-02	0.00E+00
1.11E+01	3.31E+00	-2.57E-02	-1.95E-02	0.00E+00
1.11E+01	3.34E+00	-1.48E-01	-6.10E-03	0.00E+00
1.11E+01	3.34E+00	6.61E-02	-1.46E-02	0.00E+00
1.12E+01	3.27E+00	3.55E-02	-1.22E-03	0.00E+00
1.12E+01	3.35E+00	-1.63E-01	-2.20E-02	0.00E+00
1.12E+01	3.27E+00	-1.04E-02	3.66E-03	0.00E+00
1.12E+01	3.36E+00	-2.70E-01	2.44E-03	0.00E+00
1.12E+01	3.23E+00	2.50E-01	-1.95E-02	0.00E+00
1.13E+01	3.27E+00	-1.02E-01	-1.22E-02	0.00E+00
1.13E+01	3.32E+00	5.08E-02	-9.77E-03	0.00E+00
1.13E+01	3.31E+00	-2.57E-02	-4.52E-02	0.00E+00
1.13E+01	3.33E+00	1.27E-01	-1.95E-02	0.00E+00
1.13E+01	3.48E+00	-7.16E-02	-2.93E-02	0.00E+00
1.14E+01	3.33E+00	1.88E-01	-6.10E-03	0.00E+00
1.14E+01	3.22E+00	-8.68E-02	-7.32E-03	0.00E+00
1.14E+01	3.21E+00	1.27E-01	-2.32E-02	0.00E+00
1.14E+01	3.36E+00	-4.10E-02	-1.71E-02	0.00E+00
1.14E+01	3.33E+00	-2.57E-02	-2.20E-02	0.00E+00
1.15E+01	3.41E+00	-2.57E-02	-1.95E-02	0.00E+00

1.15E+01	3.33E+00	-1.02E-01	-1.83E-02	0.00E+00
1.15E+01	3.29E+00	-1.04E-02	-8.54E-03	0.00E+00
1.15E+01	3.41E+00	-2.57E-02	-1.46E-02	0.00E+00
1.15E+01	3.34E+00	3.55E-02	-1.22E-02	0.00E+00
1.16E+01	3.34E+00	-2.57E-02	-7.32E-03	0.00E+00
1.16E+01	3.34E+00	-5.63E-02	-1.34E-02	0.00E+00
1.16E+01	3.25E+00	-2.57E-02	-1.22E-02	0.00E+00
1.16E+01	3.31E+00	3.55E-02	-1.71E-02	0.00E+00
1.16E+01	3.32E+00	-2.57E-02	-1.46E-02	0.00E+00
1.17E+01	3.29E+00	1.27E-01	-1.71E-02	0.00E+00
1.17E+01	3.38E+00	3.55E-02	-2.32E-02	0.00E+00
1.17E+01	3.35E+00	-8.68E-02	-1.71E-02	0.00E+00
1.17E+01	3.29E+00	3.55E-02	-1.46E-02	0.00E+00
1.17E+01	3.31E+00	1.27E-01	-1.10E-02	0.00E+00
1.18E+01	3.37E+00	-5.63E-02	-2.93E-02	0.00E+00
1.18E+01	3.35E+00	-4.10E-02	-1.71E-02	0.00E+00
1.18E+01	3.43E+00	-2.57E-02	-2.44E-03	0.00E+00

Current File O:\Projects\914220~1\ODYSSE~1\processed_data\Ody1123A.csv

Original File C:\Data\9142OdysseyLiftGate\Ody1123.dx3

File descrip 9142 2005 Honda Odyssey LiftGate liftgate - Esser

Project ID: Project ID

File ID: ORIGINAL

Test Date: #####

Test Time: 37:22.0

Current Da #####

Current Tin 8:36:18

Number of 4

Number of 1024

Independe 0.02

Independe -4.44

Independe Sec

Time Angle Force LiftgateMo StrutCalDisplacement

Sec	Degrees	lbs	volts	inches
-4.44E+00	7.48E+01	1.58E-01	-1.83E-02	0.00E+00
-4.42E+00	7.49E+01	-8.68E-02	-2.20E-02	0.00E+00
-4.40E+00	7.48E+01	9.66E-02	-1.95E-02	0.00E+00
-4.38E+00	7.49E+01	-5.63E-02	-9.77E-03	0.00E+00
-4.36E+00	7.48E+01	4.89E-03	-1.71E-02	0.00E+00
-4.34E+00	7.49E+01	-5.63E-02	-1.46E-02	0.00E+00
-4.32E+00	7.48E+01	1.27E-01	-1.59E-02	0.00E+00
-4.30E+00	7.48E+01	6.61E-02	-3.30E-02	0.00E+00
-4.28E+00	7.48E+01	-2.70E-01	-1.22E-02	0.00E+00
-4.26E+00	7.48E+01	-7.16E-02	-2.44E-03	0.00E+00
-4.24E+00	7.49E+01	3.55E-02	-2.81E-02	0.00E+00
-4.22E+00	7.48E+01	-1.48E-01	1.22E-03	0.00E+00
-4.20E+00	7.48E+01	-2.09E-01	-1.71E-02	0.00E+00
-4.18E+00	7.48E+01	3.55E-02	-2.56E-02	0.00E+00
-4.16E+00	7.47E+01	-2.57E-02	-1.22E-02	0.00E+00
-4.14E+00	7.48E+01	5.08E-02	-2.32E-02	0.00E+00
-4.12E+00	7.48E+01	-5.63E-02	-7.32E-03	0.00E+00
-4.10E+00	7.46E+01	3.55E-02	-4.15E-02	0.00E+00
-4.08E+00	7.48E+01	4.89E-03	-1.22E-02	0.00E+00
-4.06E+00	7.48E+01	-1.02E-01	-1.59E-02	0.00E+00
-4.04E+00	7.47E+01	-2.09E-01	-1.10E-02	0.00E+00
-4.02E+00	7.48E+01	2.02E-02	-2.44E-02	0.00E+00
-4.00E+00	7.48E+01	2.19E-01	-2.20E-02	0.00E+00
-3.98E+00	7.48E+01	6.61E-02	-1.22E-02	0.00E+00
-3.96E+00	7.48E+01	4.89E-03	-1.10E-02	0.00E+00
-3.94E+00	7.48E+01	-2.57E-02	-1.46E-02	0.00E+00
-3.92E+00	7.47E+01	4.89E-03	-3.05E-02	0.00E+00
-3.90E+00	7.47E+01	1.58E-01	1.22E-02	0.00E+00
-3.88E+00	7.47E+01	3.55E-02	-4.88E-03	0.00E+00
-3.86E+00	7.48E+01	6.61E-02	-1.59E-02	0.00E+00
-3.84E+00	7.47E+01	2.02E-02	-6.10E-03	0.00E+00

-3.82E+00	7.48E+01	-2.57E-02	-2.08E-02	0.00E+00
-3.80E+00	7.49E+01	-5.63E-02	4.88E-03	0.00E+00
-3.78E+00	7.49E+01	5.08E-02	-4.39E-02	0.00E+00
-3.76E+00	7.48E+01	-1.17E-01	-1.71E-02	0.00E+00
-3.74E+00	7.48E+01	4.89E-03	-1.83E-02	0.00E+00
-3.72E+00	7.48E+01	3.55E-02	-3.05E-02	0.00E+00
-3.70E+00	7.48E+01	-1.17E-01	-1.46E-02	0.00E+00
-3.68E+00	7.49E+01	-1.79E-01	-1.46E-02	0.00E+00
-3.66E+00	7.48E+01	4.89E-03	-7.32E-03	0.00E+00
-3.64E+00	7.48E+01	-2.57E-02	-1.22E-02	0.00E+00
-3.62E+00	7.48E+01	9.66E-02	-1.59E-02	0.00E+00
-3.60E+00	7.49E+01	3.55E-02	-1.95E-02	0.00E+00
-3.58E+00	7.48E+01	-2.86E-01	-1.83E-02	0.00E+00
-3.56E+00	7.46E+01	3.55E-02	-2.32E-02	0.00E+00
-3.54E+00	7.48E+01	-1.79E-01	-2.20E-02	0.00E+00
-3.52E+00	7.48E+01	-4.10E-02	-2.20E-02	0.00E+00
-3.50E+00	7.48E+01	-1.48E-01	-1.95E-02	0.00E+00
-3.48E+00	7.49E+01	-2.57E-02	-1.71E-02	0.00E+00
-3.46E+00	7.47E+01	1.58E-01	-1.95E-02	0.00E+00
-3.44E+00	7.48E+01	-1.79E-01	-7.32E-03	0.00E+00
-3.42E+00	7.48E+01	9.66E-02	-1.22E-02	0.00E+00
-3.40E+00	7.48E+01	-1.04E-02	-3.66E-03	0.00E+00
-3.38E+00	7.48E+01	2.80E-01	-2.20E-02	0.00E+00
-3.36E+00	7.48E+01	1.12E-01	-4.64E-02	0.00E+00
-3.34E+00	7.48E+01	-2.70E-01	-2.44E-03	0.00E+00
-3.32E+00	7.48E+01	6.61E-02	-2.20E-02	0.00E+00
-3.30E+00	7.47E+01	-2.57E-02	-2.32E-02	0.00E+00
-3.28E+00	7.48E+01	-2.57E-02	4.88E-03	0.00E+00
-3.26E+00	7.48E+01	-1.63E-01	-1.83E-02	0.00E+00
-3.24E+00	7.48E+01	-8.68E-02	7.32E-03	0.00E+00
-3.22E+00	7.49E+01	-1.02E-01	-1.22E-02	0.00E+00
-3.20E+00	7.48E+01	-1.17E-01	-2.44E-03	0.00E+00
-3.18E+00	7.48E+01	-8.68E-02	-1.22E-02	0.00E+00
-3.16E+00	7.49E+01	-1.48E-01	-7.32E-03	0.00E+00
-3.14E+00	7.49E+01	4.89E-03	-2.32E-02	0.00E+00
-3.12E+00	7.48E+01	6.61E-02	-1.71E-02	0.00E+00
-3.10E+00	7.47E+01	-5.63E-02	-6.10E-03	0.00E+00
-3.08E+00	7.49E+01	-1.17E-01	-2.20E-02	0.00E+00
-3.06E+00	7.47E+01	-3.93E-01	-4.88E-03	0.00E+00
-3.04E+00	7.49E+01	-4.10E-02	-9.77E-03	0.00E+00
-3.02E+00	7.48E+01	-2.57E-02	-9.77E-03	0.00E+00
-3.00E+00	7.48E+01	4.89E-03	-2.20E-02	0.00E+00
-2.98E+00	7.48E+01	-1.04E-02	-1.46E-02	0.00E+00
-2.96E+00	7.47E+01	2.02E-02	-2.20E-02	0.00E+00
-2.94E+00	7.49E+01	-2.24E-01	-1.59E-02	0.00E+00
-2.92E+00	7.46E+01	2.02E-02	-1.22E-02	0.00E+00
-2.90E+00	7.48E+01	4.89E-03	-2.69E-02	0.00E+00

-2.88E+00	7.48E+01	-1.04E-02	-1.34E-02	0.00E+00
-2.86E+00	7.48E+01	6.61E-02	-2.20E-02	0.00E+00
-2.84E+00	7.48E+01	1.12E-01	-2.20E-02	0.00E+00
-2.82E+00	7.46E+01	3.41E-01	-1.71E-02	0.00E+00
-2.80E+00	7.47E+01	-5.63E-02	-1.71E-02	0.00E+00
-2.78E+00	7.48E+01	-5.63E-02	-9.77E-03	0.00E+00
-2.76E+00	7.48E+01	2.19E-01	-1.83E-02	0.00E+00
-2.74E+00	7.49E+01	9.66E-02	-1.46E-02	0.00E+00
-2.72E+00	7.48E+01	2.50E-01	-2.44E-03	0.00E+00
-2.70E+00	7.48E+01	-2.09E-01	-1.59E-02	0.00E+00
-2.68E+00	7.49E+01	-1.79E-01	-2.08E-02	0.00E+00
-2.66E+00	7.48E+01	-2.57E-02	-1.22E-02	0.00E+00
-2.64E+00	7.48E+01	-8.68E-02	-2.44E-02	0.00E+00
-2.62E+00	7.47E+01	-5.63E-02	-2.32E-02	0.00E+00
-2.60E+00	7.48E+01	2.04E-01	-2.44E-03	0.00E+00
-2.58E+00	7.49E+01	2.04E-01	-1.71E-02	0.00E+00
-2.56E+00	7.48E+01	-4.10E-02	-1.46E-02	0.00E+00
-2.54E+00	7.48E+01	3.55E-02	-2.20E-02	0.00E+00
-2.52E+00	7.48E+01	-2.57E-02	-1.10E-02	0.00E+00
-2.50E+00	7.47E+01	1.43E-01	-2.20E-02	0.00E+00
-2.48E+00	7.48E+01	1.27E-01	-1.95E-02	0.00E+00
-2.46E+00	7.49E+01	4.89E-03	-2.20E-02	0.00E+00
-2.44E+00	7.48E+01	-1.48E-01	-1.10E-02	0.00E+00
-2.42E+00	7.49E+01	6.61E-02	-1.59E-02	0.00E+00
-2.40E+00	7.48E+01	-1.79E-01	-2.44E-02	0.00E+00
-2.38E+00	7.47E+01	-2.09E-01	-4.88E-03	0.00E+00
-2.36E+00	7.48E+01	4.89E-03	-1.95E-02	0.00E+00
-2.34E+00	7.48E+01	-4.10E-02	-1.59E-02	0.00E+00
-2.32E+00	7.48E+01	-2.57E-02	-2.20E-02	0.00E+00
-2.30E+00	7.47E+01	-1.17E-01	-2.81E-02	0.00E+00
-2.28E+00	7.47E+01	-2.57E-02	-1.83E-02	0.00E+00
-2.26E+00	7.50E+01	9.66E-02	-2.20E-02	0.00E+00
-2.24E+00	7.48E+01	-2.57E-02	-9.77E-03	0.00E+00
-2.22E+00	7.48E+01	-2.57E-02	-2.44E-02	0.00E+00
-2.20E+00	7.48E+01	-8.68E-02	-1.22E-02	0.00E+00
-2.18E+00	7.47E+01	1.88E-01	-3.42E-02	0.00E+00
-2.16E+00	7.48E+01	1.58E-01	-2.32E-02	0.00E+00
-2.14E+00	7.49E+01	-1.79E-01	-6.10E-03	0.00E+00
-2.12E+00	7.48E+01	-1.17E-01	-1.46E-02	0.00E+00
-2.10E+00	7.48E+01	2.02E-02	-9.77E-03	0.00E+00
-2.08E+00	7.48E+01	-2.09E-01	-2.20E-02	0.00E+00
-2.06E+00	7.47E+01	-5.63E-02	-2.69E-02	0.00E+00
-2.04E+00	7.48E+01	-1.94E-01	-9.77E-03	0.00E+00
-2.02E+00	7.47E+01	-1.17E-01	-2.69E-02	0.00E+00
-2.00E+00	7.48E+01	-5.63E-02	-1.22E-02	0.00E+00
-1.98E+00	7.48E+01	9.66E-02	-3.54E-02	0.00E+00
-1.96E+00	7.48E+01	-1.48E-01	-9.77E-03	0.00E+00

-1.94E+00	7.47E+01	-2.57E-02	-1.22E-02	0.00E+00
-1.92E+00	7.48E+01	3.11E-01	-2.69E-02	0.00E+00
-1.90E+00	7.47E+01	3.55E-02	-1.46E-02	0.00E+00
-1.88E+00	7.49E+01	-1.33E-01	-1.71E-02	0.00E+00
-1.86E+00	7.47E+01	-5.63E-02	-1.95E-02	0.00E+00
-1.84E+00	7.48E+01	-7.16E-02	-9.77E-03	0.00E+00
-1.82E+00	7.49E+01	-2.57E-02	-2.44E-03	0.00E+00
-1.80E+00	7.48E+01	-1.17E-01	-7.32E-03	0.00E+00
-1.78E+00	7.48E+01	-5.63E-02	-2.08E-02	0.00E+00
-1.76E+00	7.48E+01	-5.63E-02	-1.22E-02	0.00E+00
-1.74E+00	7.48E+01	-2.57E-02	-2.69E-02	0.00E+00
-1.72E+00	7.49E+01	-2.57E-02	-1.95E-02	0.00E+00
-1.70E+00	7.48E+01	-7.16E-02	7.32E-03	0.00E+00
-1.68E+00	7.48E+01	-4.10E-02	-1.22E-02	0.00E+00
-1.66E+00	7.48E+01	-5.63E-02	-7.32E-03	0.00E+00
-1.64E+00	7.48E+01	1.58E-01	-1.95E-02	0.00E+00
-1.62E+00	7.50E+01	-1.48E-01	-1.46E-02	0.00E+00
-1.60E+00	7.47E+01	4.89E-03	-2.20E-02	0.00E+00
-1.58E+00	7.48E+01	-1.33E-01	2.44E-03	0.00E+00
-1.56E+00	7.48E+01	1.58E-01	-1.95E-02	0.00E+00
-1.54E+00	7.48E+01	2.02E-02	-2.20E-02	0.00E+00
-1.52E+00	7.48E+01	-1.02E-01	-1.83E-02	0.00E+00
-1.50E+00	7.48E+01	-8.68E-02	-1.46E-02	0.00E+00
-1.48E+00	7.48E+01	2.65E-01	-1.83E-02	0.00E+00
-1.46E+00	7.48E+01	6.61E-02	-4.88E-02	0.00E+00
-1.44E+00	7.49E+01	-3.93E-01	-9.77E-03	0.00E+00
-1.42E+00	7.48E+01	-1.33E-01	-2.20E-02	0.00E+00
-1.40E+00	7.47E+01	5.08E-02	-9.77E-03	0.00E+00
-1.38E+00	7.49E+01	4.89E-03	-2.44E-03	0.00E+00
-1.36E+00	7.48E+01	1.88E-01	-2.44E-02	0.00E+00
-1.34E+00	7.48E+01	-1.48E-01	-1.71E-02	0.00E+00
-1.32E+00	7.48E+01	2.50E-01	-2.20E-02	0.00E+00
-1.30E+00	7.48E+01	6.61E-02	-2.20E-02	0.00E+00
-1.28E+00	7.49E+01	6.61E-02	-2.69E-02	0.00E+00
-1.26E+00	7.48E+01	-1.48E-01	-1.83E-02	0.00E+00
-1.24E+00	7.48E+01	1.88E-01	-1.22E-02	0.00E+00
-1.22E+00	7.48E+01	-1.02E-01	-2.44E-03	0.00E+00
-1.20E+00	7.48E+01	1.43E-01	-1.95E-02	0.00E+00
-1.18E+00	7.48E+01	3.55E-02	-1.71E-02	0.00E+00
-1.16E+00	7.48E+01	-1.48E-01	-1.22E-02	0.00E+00
-1.14E+00	7.48E+01	-7.16E-02	-1.46E-02	0.00E+00
-1.12E+00	7.48E+01	-1.79E-01	-2.20E-02	0.00E+00
-1.10E+00	7.49E+01	-1.17E-01	6.10E-03	0.00E+00
-1.08E+00	7.49E+01	4.33E-01	-1.95E-02	0.00E+00
-1.06E+00	7.47E+01	-2.09E-01	-1.34E-02	0.00E+00
-1.04E+00	7.48E+01	-1.17E-01	-9.77E-03	0.00E+00
-1.02E+00	7.48E+01	9.66E-02	-1.22E-02	0.00E+00

-1.00E+00	7.48E+01	-7.16E-02	-1.46E-02	0.00E+00
-9.80E-01	7.48E+01	2.02E-02	-2.69E-02	0.00E+00
-9.60E-01	7.48E+01	2.80E-01	-1.46E-02	0.00E+00
-9.40E-01	7.49E+01	-8.68E-02	-2.08E-02	0.00E+00
-9.20E-01	7.48E+01	1.58E-01	-1.83E-02	0.00E+00
-9.00E-01	7.48E+01	-8.68E-02	-1.71E-02	0.00E+00
-8.80E-01	7.48E+01	-5.63E-02	-1.95E-02	0.00E+00
-8.60E-01	7.48E+01	-5.63E-02	-2.20E-02	0.00E+00
-8.40E-01	7.48E+01	-2.57E-02	-1.10E-02	0.00E+00
-8.20E-01	7.50E+01	-8.68E-02	-3.54E-02	0.00E+00
-8.00E-01	7.48E+01	-2.40E-01	1.46E-02	0.00E+00
-7.80E-01	7.49E+01	5.08E-02	-8.54E-03	0.00E+00
-7.60E-01	7.48E+01	-5.63E-02	-1.22E-02	0.00E+00
-7.40E-01	7.48E+01	6.61E-02	-1.22E-02	0.00E+00
-7.20E-01	7.48E+01	3.55E-02	-2.32E-02	0.00E+00
-7.00E-01	7.47E+01	-8.68E-02	0.00E+00	0.00E+00
-6.80E-01	7.48E+01	-1.17E-01	-3.66E-02	0.00E+00
-6.60E-01	7.49E+01	-5.63E-02	-1.71E-02	0.00E+00
-6.40E-01	7.46E+01	4.89E-03	-1.95E-02	0.00E+00
-6.20E-01	7.48E+01	-1.17E-01	-1.83E-02	0.00E+00
-6.00E-01	7.47E+01	8.13E-02	-9.77E-03	0.00E+00
-5.80E-01	7.48E+01	1.27E-01	-2.20E-02	0.00E+00
-5.60E-01	7.48E+01	-5.63E-02	-1.71E-02	0.00E+00
-5.40E-01	7.47E+01	-5.63E-02	-1.10E-02	0.00E+00
-5.20E-01	7.46E+01	-5.63E-02	-1.46E-02	0.00E+00
-5.00E-01	7.48E+01	-5.63E-02	-4.88E-03	0.00E+00
-4.80E-01	7.50E+01	1.43E-01	-1.95E-02	0.00E+00
-4.60E-01	7.50E+01	4.89E-03	-1.71E-02	0.00E+00
-4.40E-01	7.47E+01	3.55E-02	-1.22E-02	0.00E+00
-4.20E-01	7.47E+01	6.61E-02	-2.44E-02	0.00E+00
-4.00E-01	7.47E+01	-2.57E-02	-2.20E-02	0.00E+00
-3.80E-01	7.47E+01	6.61E-02	-1.22E-02	0.00E+00
-3.60E-01	7.48E+01	9.66E-02	-4.52E-02	0.00E+00
-3.40E-01	7.47E+01	1.58E-01	-1.95E-02	0.00E+00
-3.20E-01	7.48E+01	-1.17E-01	-1.95E-02	0.00E+00
-3.00E-01	7.47E+01	6.61E-02	-1.34E-02	0.00E+00
-2.80E-01	7.47E+01	9.66E-02	-1.10E-02	0.00E+00
-2.60E-01	7.48E+01	1.88E-01	-1.71E-02	0.00E+00
-2.40E-01	7.48E+01	-1.17E-01	-3.66E-03	0.00E+00
-2.20E-01	7.48E+01	-4.10E-02	-2.08E-02	0.00E+00
-2.00E-01	7.47E+01	-1.48E-01	-9.77E-03	0.00E+00
-1.80E-01	7.46E+01	6.61E-02	-1.22E-02	0.00E+00
-1.60E-01	7.48E+01	3.55E-02	-3.05E-02	0.00E+00
-1.40E-01	7.47E+01	-1.17E-01	-2.20E-02	0.00E+00
-1.20E-01	7.47E+01	-1.02E-01	-7.32E-03	0.00E+00
-1.00E-01	7.47E+01	1.58E-01	-2.44E-02	0.00E+00
-8.00E-02	7.47E+01	-4.10E-02	-1.22E-02	0.00E+00

-6.00E-02	7.47E+01	1.27E-01	-1.95E-02	0.00E+00
-4.00E-02	7.43E+01	2.02E-02	-3.42E-02	0.00E+00
-2.00E-02	7.42E+01	-3.47E-01	-7.32E-03	0.00E+00
0.00E+00	7.41E+01	1.43E-01	-3.91E-02	0.00E+00
2.00E-02	7.41E+01	2.19E-01	-2.20E-02	0.00E+00
4.00E-02	7.41E+01	4.89E-03	-9.77E-03	0.00E+00
6.00E-02	7.42E+01	-2.24E-01	-1.83E-02	0.00E+00
8.00E-02	7.41E+01	-1.17E-01	0.00E+00	0.00E+00
1.00E-01	7.40E+01	1.88E-01	-2.08E-02	0.00E+00
1.20E-01	7.35E+01	-1.33E-01	4.88E-03	0.00E+00
1.40E-01	7.36E+01	-2.40E-01	-1.46E-02	0.00E+00
1.60E-01	7.35E+01	-5.63E-02	-9.77E-03	0.00E+00
1.80E-01	7.36E+01	-1.17E-01	-1.22E-02	0.00E+00
2.00E-01	7.36E+01	-2.57E-02	-2.32E-02	0.00E+00
2.20E-01	7.30E+01	-5.63E-02	-1.22E-02	0.00E+00
2.40E-01	7.31E+01	-4.10E-02	0.00E+00	0.00E+00
2.60E-01	7.30E+01	1.27E-01	-1.71E-02	0.00E+00
2.80E-01	7.28E+01	1.88E-01	-7.32E-03	0.00E+00
3.00E-01	7.25E+01	1.73E-01	-2.08E-02	0.00E+00
3.20E-01	7.24E+01	-1.17E-01	-1.95E-02	0.00E+00
3.40E-01	7.24E+01	-1.48E-01	-1.71E-02	0.00E+00
3.60E-01	7.21E+01	-8.68E-02	-2.93E-02	0.00E+00
3.80E-01	7.19E+01	2.19E-01	-2.20E-02	0.00E+00
4.00E-01	7.20E+01	3.55E-02	-1.71E-02	0.00E+00
4.20E-01	7.19E+01	4.89E-03	-2.20E-02	0.00E+00
4.40E-01	7.14E+01	-2.57E-02	-2.69E-02	0.00E+00
4.60E-01	7.13E+01	4.89E-03	-2.56E-02	0.00E+00
4.80E-01	7.12E+01	-5.63E-02	-2.44E-02	0.00E+00
5.00E-01	7.11E+01	4.64E-01	-2.93E-02	0.00E+00
5.20E-01	7.08E+01	2.02E-02	-3.05E-02	0.00E+00
5.40E-01	7.07E+01	-5.63E-02	-1.22E-02	0.00E+00
5.60E-01	7.06E+01	-1.04E-02	-1.71E-02	0.00E+00
5.80E-01	7.05E+01	5.08E-02	-1.71E-02	0.00E+00
6.00E-01	7.05E+01	-2.57E-02	-2.44E-03	0.00E+00
6.20E-01	7.02E+01	1.12E-01	-2.69E-02	0.00E+00
6.40E-01	6.99E+01	-1.63E-01	-2.08E-02	0.00E+00
6.60E-01	7.00E+01	-1.17E-01	-1.22E-02	0.00E+00
6.80E-01	6.94E+01	4.89E-03	6.10E-03	0.00E+00
7.00E-01	6.92E+01	2.95E-01	-1.83E-02	0.00E+00
7.20E-01	6.95E+01	-7.16E-02	-9.77E-03	0.00E+00
7.40E-01	6.91E+01	-3.31E-01	-2.44E-03	0.00E+00
7.60E-01	6.84E+01	1.27E-01	-2.44E-03	0.00E+00
7.80E-01	6.89E+01	-8.68E-02	-1.71E-02	0.00E+00
8.00E-01	6.83E+01	2.02E-02	-2.44E-02	0.00E+00
8.20E-01	6.78E+01	2.95E-01	-2.08E-02	0.00E+00
8.40E-01	6.78E+01	-2.57E-02	2.44E-03	0.00E+00
8.60E-01	6.78E+01	3.55E-02	-1.95E-02	0.00E+00

8.80E-01	6.73E+01	-1.48E-01	-2.44E-02	0.00E+00
9.00E-01	6.72E+01	2.02E-02	-1.95E-02	0.00E+00
9.20E-01	6.73E+01	-5.63E-02	-9.77E-03	0.00E+00
9.40E-01	6.69E+01	2.02E-02	-9.77E-03	0.00E+00
9.60E-01	6.67E+01	1.27E-01	-4.15E-02	0.00E+00
9.80E-01	6.66E+01	-1.79E-01	-2.20E-02	0.00E+00
1.00E+00	6.63E+01	4.89E-03	-1.22E-02	0.00E+00
1.02E+00	6.61E+01	-8.68E-02	-1.46E-02	0.00E+00
1.04E+00	6.60E+01	3.55E-02	-2.93E-02	0.00E+00
1.06E+00	6.59E+01	-5.63E-02	-2.81E-02	0.00E+00
1.08E+00	6.56E+01	-5.63E-02	-2.20E-02	0.00E+00
1.10E+00	6.54E+01	-3.01E-01	-1.22E-02	0.00E+00
1.12E+00	6.53E+01	4.89E-03	-1.22E-02	0.00E+00
1.14E+00	6.49E+01	-8.68E-02	-1.46E-02	0.00E+00
1.16E+00	6.49E+01	-8.68E-02	-8.54E-03	0.00E+00
1.18E+00	6.49E+01	-1.04E-02	-2.69E-02	0.00E+00
1.20E+00	6.45E+01	-1.17E-01	-2.44E-02	0.00E+00
1.22E+00	6.43E+01	3.55E-02	-1.10E-02	0.00E+00
1.24E+00	6.41E+01	3.55E-02	-2.44E-02	0.00E+00
1.26E+00	6.38E+01	1.27E-01	-3.66E-02	0.00E+00
1.28E+00	6.38E+01	-8.68E-02	-1.46E-02	0.00E+00
1.30E+00	6.37E+01	-7.16E-02	-1.46E-02	0.00E+00
1.32E+00	6.32E+01	4.89E-03	-3.66E-03	0.00E+00
1.34E+00	6.31E+01	-2.24E-01	-9.77E-03	0.00E+00
1.36E+00	6.30E+01	1.12E-01	-9.77E-03	0.00E+00
1.38E+00	6.26E+01	-8.68E-02	-1.71E-02	0.00E+00
1.40E+00	6.24E+01	-4.10E-02	0.00E+00	0.00E+00
1.42E+00	6.25E+01	1.43E-01	-1.46E-02	0.00E+00
1.44E+00	6.22E+01	-2.09E-01	-3.17E-02	0.00E+00
1.46E+00	6.19E+01	1.88E-01	-1.95E-02	0.00E+00
1.48E+00	6.18E+01	3.55E-02	-1.71E-02	0.00E+00
1.50E+00	6.14E+01	-1.17E-01	-1.10E-02	0.00E+00
1.52E+00	6.15E+01	-1.04E-02	-1.71E-02	0.00E+00
1.54E+00	6.14E+01	6.61E-02	-2.08E-02	0.00E+00
1.56E+00	6.08E+01	3.55E-02	-1.59E-02	0.00E+00
1.58E+00	6.09E+01	9.66E-02	-1.34E-02	0.00E+00
1.60E+00	6.10E+01	-1.79E-01	-2.20E-02	0.00E+00
1.62E+00	6.03E+01	1.58E-01	-1.71E-02	0.00E+00
1.64E+00	6.04E+01	-1.02E-01	-1.95E-02	0.00E+00
1.66E+00	6.02E+01	-8.68E-02	-1.95E-02	0.00E+00
1.68E+00	5.96E+01	-8.68E-02	-1.71E-02	0.00E+00
1.70E+00	5.96E+01	-1.79E-01	-1.71E-02	0.00E+00
1.72E+00	5.94E+01	6.61E-02	-6.10E-03	0.00E+00
1.74E+00	5.92E+01	1.12E-01	-1.95E-02	0.00E+00
1.76E+00	5.91E+01	4.89E-03	-1.46E-02	0.00E+00
1.78E+00	5.88E+01	4.89E-03	-1.71E-02	0.00E+00
1.80E+00	5.85E+01	9.66E-02	-1.95E-02	0.00E+00

1.82E+00	5.84E+01	5.08E-02	-9.77E-03	0.00E+00
1.84E+00	5.82E+01	-2.70E-01	-2.08E-02	0.00E+00
1.86E+00	5.79E+01	2.19E-01	-1.71E-02	0.00E+00
1.88E+00	5.79E+01	4.89E-03	-1.46E-02	0.00E+00
1.90E+00	5.74E+01	-5.63E-02	-2.32E-02	0.00E+00
1.92E+00	5.73E+01	-8.68E-02	-1.71E-02	0.00E+00
1.94E+00	5.74E+01	-8.68E-02	-8.54E-03	0.00E+00
1.96E+00	5.67E+01	3.55E-02	-3.91E-02	0.00E+00
1.98E+00	5.68E+01	2.19E-01	-2.20E-02	0.00E+00
2.00E+00	5.65E+01	-2.57E-02	-1.95E-02	0.00E+00
2.02E+00	5.62E+01	-5.63E-02	-1.10E-02	0.00E+00
2.04E+00	5.62E+01	6.61E-02	-1.95E-02	0.00E+00
2.06E+00	5.58E+01	4.89E-03	-1.46E-02	0.00E+00
2.08E+00	5.56E+01	-1.02E-01	-9.77E-03	0.00E+00
2.10E+00	5.55E+01	-5.63E-02	-4.88E-03	0.00E+00
2.12E+00	5.50E+01	-5.63E-02	-1.71E-02	0.00E+00
2.14E+00	5.51E+01	6.61E-02	-2.44E-02	0.00E+00
2.16E+00	5.47E+01	-8.68E-02	-1.95E-02	0.00E+00
2.18E+00	5.45E+01	-4.10E-02	-1.46E-02	0.00E+00
2.20E+00	5.44E+01	5.08E-02	-9.77E-03	0.00E+00
2.22E+00	5.39E+01	1.12E-01	-1.95E-02	0.00E+00
2.24E+00	5.38E+01	4.89E-03	-1.10E-02	0.00E+00
2.26E+00	5.37E+01	-8.68E-02	-1.83E-02	0.00E+00
2.28E+00	5.32E+01	-7.16E-02	-1.46E-02	0.00E+00
2.30E+00	5.30E+01	1.27E-01	-1.46E-02	0.00E+00
2.32E+00	5.30E+01	4.89E-03	-2.56E-02	0.00E+00
2.34E+00	5.27E+01	-2.40E-01	-2.56E-02	0.00E+00
2.36E+00	5.27E+01	6.61E-02	-1.59E-02	0.00E+00
2.38E+00	5.25E+01	4.89E-03	-2.44E-03	0.00E+00
2.40E+00	5.20E+01	1.73E-01	-1.46E-02	0.00E+00
2.42E+00	5.19E+01	1.27E-01	-1.95E-02	0.00E+00
2.44E+00	5.15E+01	-2.57E-02	-1.59E-02	0.00E+00
2.46E+00	5.15E+01	-1.48E-01	-1.10E-02	0.00E+00
2.48E+00	5.15E+01	-1.79E-01	-1.46E-02	0.00E+00
2.50E+00	5.08E+01	3.55E-02	-1.83E-02	0.00E+00
2.52E+00	5.09E+01	1.88E-01	-2.32E-02	0.00E+00
2.54E+00	5.06E+01	-2.57E-02	-7.32E-03	0.00E+00
2.56E+00	5.04E+01	1.12E-01	-1.59E-02	0.00E+00
2.58E+00	5.03E+01	1.27E-01	-2.44E-02	0.00E+00
2.60E+00	5.00E+01	-5.63E-02	-2.08E-02	0.00E+00
2.62E+00	4.98E+01	-1.17E-01	2.44E-03	0.00E+00
2.64E+00	4.98E+01	-4.10E-02	-1.10E-02	0.00E+00
2.66E+00	4.92E+01	6.61E-02	-1.34E-02	0.00E+00
2.68E+00	4.92E+01	-1.02E-01	-1.71E-02	0.00E+00
2.70E+00	4.89E+01	1.27E-01	-3.66E-02	0.00E+00
2.72E+00	4.86E+01	-1.17E-01	-1.71E-02	0.00E+00
2.74E+00	4.86E+01	1.27E-01	2.44E-03	0.00E+00

2.76E+00	4.83E+01	-8.68E-02	-2.20E-02	0.00E+00
2.78E+00	4.80E+01	-5.63E-02	-1.71E-02	0.00E+00
2.80E+00	4.81E+01	-2.70E-01	-1.22E-02	0.00E+00
2.82E+00	4.73E+01	6.61E-02	-9.77E-03	0.00E+00
2.84E+00	4.75E+01	3.55E-02	-2.32E-02	0.00E+00
2.86E+00	4.74E+01	-2.57E-02	-1.46E-02	0.00E+00
2.88E+00	4.68E+01	-2.57E-02	-1.22E-03	0.00E+00
2.90E+00	4.68E+01	6.61E-02	-4.03E-02	0.00E+00
2.92E+00	4.66E+01	9.66E-02	-1.95E-02	0.00E+00
2.94E+00	4.63E+01	-8.68E-02	-1.71E-02	0.00E+00
2.96E+00	4.63E+01	-4.10E-02	-2.08E-02	0.00E+00
2.98E+00	4.57E+01	8.13E-02	-1.10E-02	0.00E+00
3.00E+00	4.57E+01	4.89E-03	-3.54E-02	0.00E+00
3.02E+00	4.54E+01	-3.31E-01	-1.10E-02	0.00E+00
3.04E+00	4.52E+01	2.80E-01	-2.20E-02	0.00E+00
3.06E+00	4.48E+01	-8.68E-02	-1.34E-02	0.00E+00
3.08E+00	4.45E+01	4.89E-03	-2.93E-02	0.00E+00
3.10E+00	4.46E+01	-2.09E-01	-1.71E-02	0.00E+00
3.12E+00	4.39E+01	6.61E-02	-1.46E-02	0.00E+00
3.14E+00	4.40E+01	6.61E-02	-1.46E-02	0.00E+00
3.16E+00	4.37E+01	1.88E-01	-1.71E-02	0.00E+00
3.18E+00	4.36E+01	-1.79E-01	-1.83E-02	0.00E+00
3.20E+00	4.32E+01	4.89E-03	-1.46E-02	0.00E+00
3.22E+00	4.28E+01	-5.63E-02	-7.32E-03	0.00E+00
3.24E+00	4.29E+01	6.61E-02	-2.44E-03	0.00E+00
3.26E+00	4.23E+01	-2.40E-01	-1.10E-02	0.00E+00
3.28E+00	4.21E+01	2.02E-02	-1.46E-02	0.00E+00
3.30E+00	4.16E+01	4.89E-03	-1.71E-02	0.00E+00
3.32E+00	4.16E+01	-1.04E-02	-1.22E-02	0.00E+00
3.34E+00	4.13E+01	-2.57E-02	-1.34E-02	0.00E+00
3.36E+00	4.11E+01	4.89E-03	-1.95E-02	0.00E+00
3.38E+00	4.11E+01	-5.63E-02	-3.91E-02	0.00E+00
3.40E+00	4.06E+01	-4.23E-01	-9.77E-03	0.00E+00
3.42E+00	4.05E+01	4.89E-03	-9.77E-03	0.00E+00
3.44E+00	4.03E+01	3.55E-02	-1.46E-02	0.00E+00
3.46E+00	4.00E+01	2.02E-02	-2.69E-02	0.00E+00
3.48E+00	3.97E+01	-8.68E-02	7.32E-03	0.00E+00
3.50E+00	3.94E+01	-2.24E-01	-2.69E-02	0.00E+00
3.52E+00	3.93E+01	3.55E-02	-1.59E-02	0.00E+00
3.54E+00	3.88E+01	-5.63E-02	-1.46E-02	0.00E+00
3.56E+00	3.88E+01	6.61E-02	-1.83E-02	0.00E+00
3.58E+00	3.83E+01	-5.63E-02	-2.20E-02	0.00E+00
3.60E+00	3.83E+01	-8.68E-02	-1.22E-02	0.00E+00
3.62E+00	3.80E+01	-2.55E-01	-4.27E-02	0.00E+00
3.64E+00	3.78E+01	-8.68E-02	-8.54E-03	0.00E+00
3.66E+00	3.75E+01	5.08E-02	-2.69E-02	0.00E+00
3.68E+00	3.71E+01	-2.24E-01	-1.46E-02	0.00E+00

3.70E+00	3.70E+01	8.13E-02	-1.71E-02	0.00E+00
3.72E+00	3.68E+01	-7.16E-02	-1.22E-02	0.00E+00
3.74E+00	3.65E+01	4.89E-03	-3.17E-02	0.00E+00
3.76E+00	3.63E+01	-2.57E-02	-1.46E-02	0.00E+00
3.78E+00	3.59E+01	-7.16E-02	-1.46E-02	0.00E+00
3.80E+00	3.58E+01	2.02E-02	-8.54E-03	0.00E+00
3.82E+00	3.54E+01	-2.40E-01	-7.32E-03	0.00E+00
3.84E+00	3.50E+01	4.89E-03	-1.10E-02	0.00E+00
3.86E+00	3.50E+01	3.55E-02	-1.95E-02	0.00E+00
3.88E+00	3.47E+01	-1.79E-01	0.00E+00	0.00E+00
3.90E+00	3.44E+01	4.89E-03	-7.32E-03	0.00E+00
3.92E+00	3.43E+01	4.89E-03	-1.83E-02	0.00E+00
3.94E+00	3.40E+01	-1.94E-01	-1.83E-02	0.00E+00
3.96E+00	3.36E+01	3.55E-02	-7.32E-03	0.00E+00
3.98E+00	3.34E+01	6.61E-02	-1.22E-02	0.00E+00
4.00E+00	3.29E+01	6.61E-02	-1.10E-02	0.00E+00
4.02E+00	3.30E+01	3.55E-02	-1.95E-02	0.00E+00
4.04E+00	3.23E+01	-2.57E-02	7.32E-03	0.00E+00
4.06E+00	3.23E+01	-2.70E-01	-1.46E-02	0.00E+00
4.08E+00	3.19E+01	-2.57E-02	-6.10E-03	0.00E+00
4.10E+00	3.17E+01	3.55E-02	-1.22E-02	0.00E+00
4.12E+00	3.12E+01	9.66E-02	-1.22E-02	0.00E+00
4.14E+00	3.11E+01	-5.63E-02	-1.71E-02	0.00E+00
4.16E+00	3.06E+01	3.55E-02	-7.32E-03	0.00E+00
4.18E+00	3.05E+01	-8.68E-02	-1.22E-02	0.00E+00
4.20E+00	3.00E+01	-4.10E-02	-7.32E-03	0.00E+00
4.22E+00	3.01E+01	-8.68E-02	-1.95E-02	0.00E+00
4.24E+00	2.94E+01	-1.02E-01	-9.77E-03	0.00E+00
4.26E+00	2.95E+01	-5.63E-02	-2.08E-02	0.00E+00
4.28E+00	2.89E+01	-7.16E-02	-1.59E-02	0.00E+00
4.30E+00	2.89E+01	1.27E-01	-1.46E-02	0.00E+00
4.32E+00	2.84E+01	-1.17E-01	-3.30E-02	0.00E+00
4.34E+00	2.82E+01	-2.55E-01	-9.77E-03	0.00E+00
4.36E+00	2.78E+01	-4.10E-02	-2.93E-02	0.00E+00
4.38E+00	2.78E+01	-2.57E-02	-1.10E-02	0.00E+00
4.40E+00	2.72E+01	4.89E-03	-1.46E-02	0.00E+00
4.42E+00	2.71E+01	4.89E-03	-2.32E-02	0.00E+00
4.44E+00	2.65E+01	-1.63E-01	-4.88E-03	0.00E+00
4.46E+00	2.64E+01	-8.68E-02	-1.22E-02	0.00E+00
4.48E+00	2.57E+01	1.43E-01	-3.78E-02	0.00E+00
4.50E+00	2.55E+01	-5.63E-02	-1.46E-02	0.00E+00
4.52E+00	2.53E+01	3.55E-02	-4.15E-02	0.00E+00
4.54E+00	2.47E+01	-2.57E-02	-1.95E-02	0.00E+00
4.56E+00	2.47E+01	1.12E-01	-3.54E-02	0.00E+00
4.58E+00	2.42E+01	-1.79E-01	-1.71E-02	0.00E+00
4.60E+00	2.43E+01	-5.63E-02	-7.32E-03	0.00E+00
4.62E+00	2.37E+01	-5.63E-02	-6.10E-03	0.00E+00

4.64E+00	2.36E+01	2.02E-02	-9.77E-03	0.00E+00
4.66E+00	2.32E+01	-1.17E-01	-1.95E-02	0.00E+00
4.68E+00	2.31E+01	-4.10E-02	-1.46E-02	0.00E+00
4.70E+00	2.27E+01	3.55E-02	-1.22E-02	0.00E+00
4.72E+00	2.24E+01	-5.63E-02	-2.20E-02	0.00E+00
4.74E+00	2.20E+01	2.02E-02	-7.32E-03	0.00E+00
4.76E+00	2.19E+01	4.89E-03	-1.83E-02	0.00E+00
4.78E+00	2.17E+01	-1.79E-01	-2.81E-02	0.00E+00
4.80E+00	2.13E+01	-2.57E-02	1.46E-02	0.00E+00
4.82E+00	2.11E+01	2.50E-01	-1.71E-02	0.00E+00
4.84E+00	2.07E+01	-5.63E-02	-1.95E-02	0.00E+00
4.86E+00	2.04E+01	6.61E-02	-2.81E-02	0.00E+00
4.88E+00	2.02E+01	6.61E-02	-2.20E-02	0.00E+00
4.90E+00	1.96E+01	-8.68E-02	-9.77E-03	0.00E+00
4.92E+00	1.96E+01	9.66E-02	2.44E-03	0.00E+00
4.94E+00	1.92E+01	-2.40E-01	-9.77E-03	0.00E+00
4.96E+00	1.89E+01	1.58E-01	-1.95E-02	0.00E+00
4.98E+00	1.85E+01	-7.16E-02	-1.95E-02	0.00E+00
5.00E+00	1.83E+01	-8.68E-02	-9.77E-03	0.00E+00
5.02E+00	1.79E+01	3.55E-02	-3.66E-02	0.00E+00
5.04E+00	1.79E+01	-1.48E-01	0.00E+00	0.00E+00
5.06E+00	1.73E+01	-2.09E-01	-1.46E-02	0.00E+00
5.08E+00	1.72E+01	-8.68E-02	-1.95E-02	0.00E+00
5.10E+00	1.67E+01	6.61E-02	-2.44E-02	0.00E+00
5.12E+00	1.67E+01	1.27E-01	-2.20E-02	0.00E+00
5.14E+00	1.61E+01	-4.10E-02	-2.81E-02	0.00E+00
5.16E+00	1.61E+01	-1.33E-01	-1.71E-02	0.00E+00
5.18E+00	1.54E+01	-1.02E-01	-9.77E-03	0.00E+00
5.20E+00	1.52E+01	9.66E-02	-1.46E-02	0.00E+00
5.22E+00	1.50E+01	-2.57E-02	-3.05E-02	0.00E+00
5.24E+00	1.49E+01	3.55E-02	-2.44E-03	0.00E+00
5.26E+00	1.45E+01	-5.63E-02	-1.71E-02	0.00E+00
5.28E+00	1.44E+01	-1.17E-01	-3.66E-02	0.00E+00
5.30E+00	1.37E+01	2.80E-01	-2.20E-02	0.00E+00
5.32E+00	1.37E+01	-8.68E-02	-1.46E-02	0.00E+00
5.34E+00	1.33E+01	-4.10E-02	-8.54E-03	0.00E+00
5.36E+00	1.32E+01	6.61E-02	-2.44E-02	0.00E+00
5.38E+00	1.26E+01	-1.17E-01	-1.46E-02	0.00E+00
5.40E+00	1.27E+01	-2.55E-01	-2.44E-03	0.00E+00
5.42E+00	1.22E+01	-2.70E-01	-8.54E-03	0.00E+00
5.44E+00	1.20E+01	-1.04E-02	-1.46E-02	0.00E+00
5.46E+00	1.16E+01	-8.68E-02	-1.95E-02	0.00E+00
5.48E+00	1.14E+01	-1.79E-01	-4.88E-03	0.00E+00
5.50E+00	1.11E+01	4.89E-03	-2.44E-02	0.00E+00
5.52E+00	1.09E+01	8.13E-02	-3.17E-02	0.00E+00
5.54E+00	1.06E+01	6.61E-02	-8.54E-03	0.00E+00
5.56E+00	1.03E+01	-4.10E-02	-1.46E-02	0.00E+00

5.58E+00	9.94E+00	4.89E-03	-9.77E-03	0.00E+00
5.60E+00	9.72E+00	9.66E-02	-1.71E-02	0.00E+00
5.62E+00	9.21E+00	-2.57E-02	-2.44E-02	0.00E+00
5.64E+00	9.12E+00	1.88E-01	-7.32E-03	0.00E+00
5.66E+00	8.65E+00	3.55E-02	-1.95E-02	0.00E+00
5.68E+00	8.52E+00	9.66E-02	-1.22E-02	0.00E+00
5.70E+00	8.16E+00	6.61E-02	-1.46E-02	0.00E+00
5.72E+00	8.00E+00	-5.63E-02	-1.83E-02	0.00E+00
5.74E+00	7.37E+00	-8.68E-02	-2.20E-02	0.00E+00
5.76E+00	7.36E+00	-1.48E-01	7.32E-03	0.00E+00
5.78E+00	6.84E+00	4.89E-03	-1.71E-02	0.00E+00
5.80E+00	6.87E+00	1.58E-01	-2.20E-02	0.00E+00
5.82E+00	6.37E+00	-1.17E-01	-2.44E-02	0.00E+00
5.84E+00	6.25E+00	6.61E-02	-1.46E-02	0.00E+00
5.86E+00	6.25E+00	3.55E-02	-3.91E-02	0.00E+00
5.88E+00	5.69E+00	-2.57E-02	-1.22E-02	0.00E+00
5.90E+00	5.63E+00	-2.09E-01	-1.46E-02	0.00E+00
5.92E+00	5.76E+00	-8.68E-02	-2.44E-02	0.00E+00
5.94E+00	5.28E+00	-1.79E-01	-9.77E-03	0.00E+00
5.96E+00	5.07E+00	6.61E-02	-1.71E-02	0.00E+00
5.98E+00	5.14E+00	-2.09E-01	-6.10E-03	0.00E+00
6.00E+00	5.02E+00	-2.09E-01	7.32E-03	0.00E+00
6.02E+00	5.02E+00	3.41E-01	-2.20E-02	0.00E+00
6.04E+00	5.13E+00	2.04E-01	-2.08E-02	0.00E+00
6.06E+00	5.08E+00	4.89E-03	-9.77E-03	0.00E+00
6.08E+00	5.10E+00	-1.33E-01	-1.95E-02	0.00E+00
6.10E+00	5.10E+00	-5.63E-02	-7.32E-03	0.00E+00
6.12E+00	5.07E+00	3.41E-01	-1.22E-03	0.00E+00
6.14E+00	5.14E+00	2.50E-01	-2.56E-02	0.00E+00
6.16E+00	5.04E+00	-4.10E-02	-1.22E-02	0.00E+00
6.18E+00	5.10E+00	4.89E-03	-2.81E-02	0.00E+00
6.20E+00	5.08E+00	-1.48E-01	-1.10E-02	0.00E+00
6.22E+00	5.11E+00	3.55E-02	-2.20E-02	0.00E+00
6.24E+00	5.11E+00	1.27E-01	2.44E-03	0.00E+00
6.26E+00	5.09E+00	2.95E-01	-1.10E-02	0.00E+00
6.28E+00	5.09E+00	-5.63E-02	-1.46E-02	0.00E+00
6.30E+00	5.04E+00	-5.63E-02	-1.83E-02	0.00E+00
6.32E+00	5.10E+00	1.27E-01	-2.20E-02	0.00E+00
6.34E+00	5.03E+00	-5.63E-02	0.00E+00	0.00E+00
6.36E+00	5.01E+00	3.55E-02	9.77E-03	0.00E+00
6.38E+00	5.05E+00	-8.68E-02	-1.95E-02	0.00E+00
6.40E+00	5.11E+00	-2.57E-02	-1.95E-02	0.00E+00
6.42E+00	5.09E+00	-8.68E-02	-1.71E-02	0.00E+00
6.44E+00	5.13E+00	6.61E-02	-1.95E-02	0.00E+00
6.46E+00	5.01E+00	4.89E-03	7.32E-03	0.00E+00
6.48E+00	5.10E+00	2.50E-01	-1.34E-02	0.00E+00
6.50E+00	5.12E+00	-2.70E-01	-1.22E-02	0.00E+00

6.52E+00	5.09E+00	-5.63E-02	-1.22E-02	0.00E+00
6.54E+00	5.08E+00	-2.57E-02	-3.05E-02	0.00E+00
6.56E+00	5.08E+00	-1.02E-01	-1.22E-02	0.00E+00
6.58E+00	5.08E+00	-2.57E-02	0.00E+00	0.00E+00
6.60E+00	5.19E+00	-3.01E-01	-6.10E-03	0.00E+00
6.62E+00	5.16E+00	9.66E-02	-2.44E-02	0.00E+00
6.64E+00	4.99E+00	4.89E-03	-1.95E-02	0.00E+00
6.66E+00	5.13E+00	3.55E-02	-9.77E-03	0.00E+00
6.68E+00	5.06E+00	4.89E-03	-1.10E-02	0.00E+00
6.70E+00	5.15E+00	9.66E-02	-2.93E-02	0.00E+00
6.72E+00	5.09E+00	-2.57E-02	-2.44E-02	0.00E+00
6.74E+00	5.18E+00	1.73E-01	-1.59E-02	0.00E+00
6.76E+00	4.99E+00	4.89E-03	-2.20E-02	0.00E+00
6.78E+00	5.07E+00	-2.57E-02	-9.77E-03	0.00E+00
6.80E+00	5.17E+00	1.88E-01	-2.69E-02	0.00E+00
6.82E+00	5.04E+00	-1.33E-01	-1.95E-02	0.00E+00
6.84E+00	5.07E+00	-1.04E-02	-7.32E-03	0.00E+00
6.86E+00	5.15E+00	9.66E-02	-1.83E-02	0.00E+00
6.88E+00	5.21E+00	-1.04E-02	-4.88E-03	0.00E+00
6.90E+00	5.10E+00	6.61E-02	-3.17E-02	0.00E+00
6.92E+00	5.11E+00	-4.10E-02	-1.46E-02	0.00E+00
6.94E+00	5.09E+00	-2.57E-02	-9.77E-03	0.00E+00
6.96E+00	5.11E+00	4.89E-03	-2.93E-02	0.00E+00
6.98E+00	5.06E+00	9.66E-02	-9.77E-03	0.00E+00
7.00E+00	5.07E+00	1.58E-01	-1.71E-02	0.00E+00
7.02E+00	5.16E+00	-2.57E-02	-1.46E-02	0.00E+00
7.04E+00	5.05E+00	-5.63E-02	-9.77E-03	0.00E+00
7.06E+00	5.05E+00	3.55E-02	-9.77E-03	0.00E+00
7.08E+00	5.10E+00	-8.68E-02	-9.77E-03	0.00E+00
7.10E+00	5.04E+00	1.27E-01	-1.71E-02	0.00E+00
7.12E+00	5.09E+00	-8.68E-02	-3.91E-02	0.00E+00
7.14E+00	5.07E+00	-1.48E-01	-1.95E-02	0.00E+00
7.16E+00	5.08E+00	-1.79E-01	1.22E-02	0.00E+00
7.18E+00	5.05E+00	-8.68E-02	-1.46E-02	0.00E+00
7.20E+00	5.08E+00	3.55E-02	-9.77E-03	0.00E+00
7.22E+00	5.11E+00	-4.10E-02	-1.83E-02	0.00E+00
7.24E+00	5.16E+00	-1.17E-01	-2.08E-02	0.00E+00
7.26E+00	5.08E+00	3.55E-02	-1.22E-02	0.00E+00
7.28E+00	5.13E+00	4.89E-03	-2.69E-02	0.00E+00
7.30E+00	5.13E+00	-2.57E-02	-8.54E-03	0.00E+00
7.32E+00	5.11E+00	-7.16E-02	-1.71E-02	0.00E+00
7.34E+00	5.05E+00	1.43E-01	-9.77E-03	0.00E+00
7.36E+00	4.95E+00	-2.57E-02	-1.10E-02	0.00E+00
7.38E+00	5.07E+00	4.89E-03	-2.69E-02	0.00E+00
7.40E+00	5.07E+00	1.27E-01	-3.42E-02	0.00E+00
7.42E+00	5.14E+00	-3.93E-01	-1.22E-02	0.00E+00
7.44E+00	5.10E+00	-5.63E-02	-1.46E-02	0.00E+00

7.46E+00	5.05E+00	6.61E-02	-9.77E-03	0.00E+00
7.48E+00	5.07E+00	6.61E-02	-9.77E-03	0.00E+00
7.50E+00	5.09E+00	9.66E-02	-2.44E-02	0.00E+00
7.52E+00	5.08E+00	3.55E-02	-4.88E-03	0.00E+00
7.54E+00	5.15E+00	-2.70E-01	-1.22E-02	0.00E+00
7.56E+00	5.08E+00	-1.94E-01	-7.32E-03	0.00E+00
7.58E+00	5.08E+00	2.02E-02	-1.46E-02	0.00E+00
7.60E+00	5.04E+00	1.27E-01	-3.30E-02	0.00E+00
7.62E+00	5.09E+00	-3.01E-01	-1.46E-02	0.00E+00
7.64E+00	5.24E+00	-5.63E-02	3.66E-03	0.00E+00
7.66E+00	5.05E+00	9.66E-02	-2.44E-02	0.00E+00
7.68E+00	5.24E+00	4.89E-03	-2.20E-02	0.00E+00
7.70E+00	5.16E+00	5.08E-02	-2.20E-02	0.00E+00
7.72E+00	5.09E+00	-1.33E-01	-1.71E-02	0.00E+00
7.74E+00	5.08E+00	-4.10E-02	-1.71E-02	0.00E+00
7.76E+00	5.02E+00	-1.33E-01	-1.22E-02	0.00E+00
7.78E+00	5.09E+00	-1.63E-01	-9.77E-03	0.00E+00
7.80E+00	5.03E+00	9.66E-02	-3.42E-02	0.00E+00
7.82E+00	5.10E+00	-2.24E-01	1.22E-02	0.00E+00
7.84E+00	5.04E+00	-2.57E-02	-1.71E-02	0.00E+00
7.86E+00	5.11E+00	4.89E-03	-1.71E-02	0.00E+00
7.88E+00	5.14E+00	-2.57E-02	-3.66E-03	0.00E+00
7.90E+00	5.14E+00	-1.33E-01	-1.95E-02	0.00E+00
7.92E+00	4.97E+00	-5.63E-02	-2.32E-02	0.00E+00
7.94E+00	5.03E+00	2.02E-02	-3.42E-02	0.00E+00
7.96E+00	5.04E+00	-7.16E-02	-2.20E-02	0.00E+00
7.98E+00	5.10E+00	-1.17E-01	-1.71E-02	0.00E+00
8.00E+00	5.14E+00	-2.57E-02	-2.20E-02	0.00E+00
8.02E+00	5.07E+00	3.55E-02	-1.46E-02	0.00E+00
8.04E+00	5.13E+00	-1.63E-01	7.32E-03	0.00E+00
8.06E+00	5.09E+00	3.55E-02	-4.27E-02	0.00E+00
8.08E+00	5.16E+00	-1.17E-01	-2.08E-02	0.00E+00
8.10E+00	5.19E+00	9.66E-02	-2.08E-02	0.00E+00
8.12E+00	5.06E+00	-8.68E-02	-1.95E-02	0.00E+00
8.14E+00	5.02E+00	3.55E-02	-7.32E-03	0.00E+00
8.16E+00	5.11E+00	-1.04E-02	-9.77E-03	0.00E+00
8.18E+00	5.13E+00	-8.68E-02	-1.22E-02	0.00E+00
8.20E+00	5.15E+00	1.43E-01	-1.46E-02	0.00E+00
8.22E+00	5.15E+00	-4.10E-02	-1.71E-02	0.00E+00
8.24E+00	5.04E+00	3.55E-02	-1.46E-02	0.00E+00
8.26E+00	5.09E+00	-4.10E-02	-1.46E-02	0.00E+00
8.28E+00	5.15E+00	-8.68E-02	-1.71E-02	0.00E+00
8.30E+00	5.06E+00	6.61E-02	0.00E+00	0.00E+00
8.32E+00	5.14E+00	-3.47E-01	-1.22E-02	0.00E+00
8.34E+00	5.02E+00	-1.02E-01	-1.10E-02	0.00E+00
8.36E+00	5.16E+00	9.66E-02	-1.22E-02	0.00E+00
8.38E+00	5.15E+00	-4.10E-02	-1.95E-02	0.00E+00

8.40E+00	5.07E+00	4.89E-03	-2.44E-02	0.00E+00
8.42E+00	5.10E+00	2.02E-02	-2.93E-02	0.00E+00
8.44E+00	4.98E+00	9.66E-02	-1.22E-02	0.00E+00
8.46E+00	5.03E+00	1.27E-01	-2.93E-02	0.00E+00
8.48E+00	5.17E+00	-8.68E-02	-2.20E-02	0.00E+00
8.50E+00	5.07E+00	4.89E-03	-2.69E-02	0.00E+00
8.52E+00	5.08E+00	-1.33E-01	-1.34E-02	0.00E+00
8.54E+00	5.08E+00	3.55E-02	-2.69E-02	0.00E+00
8.56E+00	5.11E+00	-7.16E-02	-1.46E-02	0.00E+00
8.58E+00	4.86E+00	4.89E-03	-1.10E-02	0.00E+00
8.60E+00	5.03E+00	9.66E-02	-1.46E-02	0.00E+00
8.62E+00	5.13E+00	1.58E-01	-2.44E-02	0.00E+00
8.64E+00	5.04E+00	-5.63E-02	-1.95E-02	0.00E+00
8.66E+00	5.13E+00	8.13E-02	-3.17E-02	0.00E+00
8.68E+00	4.98E+00	4.89E-03	-1.46E-02	0.00E+00
8.70E+00	5.20E+00	-2.57E-02	-1.83E-02	0.00E+00
8.72E+00	5.10E+00	3.55E-02	-1.22E-02	0.00E+00
8.74E+00	5.11E+00	-2.57E-02	-1.83E-02	0.00E+00
8.76E+00	5.19E+00	-8.68E-02	-9.77E-03	0.00E+00
8.78E+00	5.04E+00	4.89E-03	-1.71E-02	0.00E+00
8.80E+00	5.19E+00	-2.57E-02	-1.95E-02	0.00E+00
8.82E+00	5.14E+00	-1.17E-01	-1.95E-02	0.00E+00
8.84E+00	5.02E+00	-8.68E-02	-2.20E-02	0.00E+00
8.86E+00	5.10E+00	-5.63E-02	-1.71E-02	0.00E+00
8.88E+00	5.02E+00	-5.63E-02	-1.83E-02	0.00E+00
8.90E+00	5.09E+00	6.61E-02	-1.46E-02	0.00E+00
8.92E+00	5.14E+00	-2.86E-01	-2.08E-02	0.00E+00
8.94E+00	5.02E+00	-5.63E-02	-1.34E-02	0.00E+00
8.96E+00	5.10E+00	-2.09E-01	-2.20E-02	0.00E+00
8.98E+00	5.13E+00	4.89E-03	-2.44E-03	0.00E+00
9.00E+00	5.03E+00	-8.68E-02	-1.22E-02	0.00E+00
9.02E+00	5.15E+00	3.55E-02	-1.46E-02	0.00E+00
9.04E+00	5.05E+00	-1.48E-01	-1.10E-02	0.00E+00
9.06E+00	5.03E+00	9.66E-02	2.44E-03	0.00E+00
9.08E+00	5.09E+00	6.61E-02	-1.95E-02	0.00E+00
9.10E+00	5.13E+00	1.27E-01	-4.03E-02	0.00E+00
9.12E+00	5.16E+00	-1.48E-01	-1.46E-02	0.00E+00
9.14E+00	5.09E+00	-1.33E-01	-1.22E-02	0.00E+00
9.16E+00	5.05E+00	-1.17E-01	-1.10E-02	0.00E+00
9.18E+00	5.16E+00	4.89E-03	-1.71E-02	0.00E+00
9.20E+00	5.07E+00	-2.09E-01	-1.95E-02	0.00E+00
9.22E+00	5.13E+00	-5.63E-02	-2.08E-02	0.00E+00
9.24E+00	5.09E+00	3.11E-01	-9.77E-03	0.00E+00
9.26E+00	5.02E+00	-8.68E-02	0.00E+00	0.00E+00
9.28E+00	5.12E+00	9.66E-02	-1.71E-02	0.00E+00
9.30E+00	5.13E+00	-7.16E-02	-1.46E-02	0.00E+00
9.32E+00	5.10E+00	-2.40E-01	-1.22E-02	0.00E+00

9.34E+00	4.97E+00	8.13E-02	-1.46E-02	0.00E+00
9.36E+00	5.04E+00	2.04E-01	-1.71E-02	0.00E+00
9.38E+00	5.26E+00	2.02E-02	-1.22E-02	0.00E+00
9.40E+00	5.15E+00	-8.68E-02	-2.08E-02	0.00E+00
9.42E+00	5.09E+00	-1.04E-02	-1.71E-02	0.00E+00
9.44E+00	5.09E+00	-2.40E-01	-1.95E-02	0.00E+00
9.46E+00	5.09E+00	3.55E-02	-4.39E-02	0.00E+00
9.48E+00	5.17E+00	-1.79E-01	-1.83E-02	0.00E+00
9.50E+00	5.14E+00	-1.79E-01	-1.10E-02	0.00E+00
9.52E+00	5.06E+00	-5.63E-02	-1.46E-02	0.00E+00
9.54E+00	5.09E+00	-4.10E-02	-2.69E-02	0.00E+00
9.56E+00	5.10E+00	-1.79E-01	-1.22E-02	0.00E+00
9.58E+00	5.16E+00	6.61E-02	-1.95E-02	0.00E+00
9.60E+00	5.19E+00	-3.01E-01	-1.95E-02	0.00E+00
9.62E+00	5.01E+00	-1.48E-01	-1.83E-02	0.00E+00
9.64E+00	5.10E+00	-1.04E-02	-1.71E-02	0.00E+00
9.66E+00	5.11E+00	4.89E-03	-2.44E-03	0.00E+00
9.68E+00	5.11E+00	-1.94E-01	-1.71E-02	0.00E+00
9.70E+00	5.01E+00	-1.17E-01	-4.15E-02	0.00E+00
9.72E+00	5.05E+00	3.55E-02	-2.44E-03	0.00E+00
9.74E+00	4.97E+00	8.13E-02	-2.08E-02	0.00E+00
9.76E+00	5.05E+00	-2.57E-02	-1.22E-02	0.00E+00
9.78E+00	5.15E+00	5.08E-02	-2.20E-02	0.00E+00
9.80E+00	5.14E+00	4.89E-03	-2.44E-02	0.00E+00
9.82E+00	5.08E+00	-2.57E-02	-1.95E-02	0.00E+00
9.84E+00	5.11E+00	4.89E-03	-1.22E-02	0.00E+00
9.86E+00	5.17E+00	9.66E-02	-8.54E-03	0.00E+00
9.88E+00	5.07E+00	8.13E-02	-1.46E-02	0.00E+00
9.90E+00	5.13E+00	-4.10E-02	-2.20E-02	0.00E+00
9.92E+00	5.07E+00	-1.48E-01	-6.10E-03	0.00E+00
9.94E+00	5.22E+00	8.13E-02	3.66E-03	0.00E+00
9.96E+00	5.15E+00	8.13E-02	-2.69E-02	0.00E+00
9.98E+00	4.92E+00	3.55E-02	-1.71E-02	0.00E+00
1.00E+01	5.08E+00	8.13E-02	-1.71E-02	0.00E+00
1.00E+01	5.10E+00	-1.04E-02	-1.95E-02	0.00E+00
1.00E+01	5.11E+00	1.58E-01	-1.95E-02	0.00E+00
1.01E+01	5.09E+00	-1.17E-01	-1.71E-02	0.00E+00
1.01E+01	5.13E+00	-2.40E-01	-1.71E-02	0.00E+00
1.01E+01	5.15E+00	8.13E-02	-2.20E-02	0.00E+00
1.01E+01	5.06E+00	-1.17E-01	-1.22E-02	0.00E+00
1.01E+01	5.13E+00	2.02E-02	-2.44E-02	0.00E+00
1.02E+01	5.11E+00	-2.70E-01	-1.22E-02	0.00E+00
1.02E+01	5.13E+00	-1.04E-02	-2.20E-02	0.00E+00
1.02E+01	5.09E+00	1.27E-01	-2.44E-02	0.00E+00
1.02E+01	5.22E+00	-8.68E-02	-1.71E-02	0.00E+00
1.02E+01	5.08E+00	1.12E-01	-1.83E-02	0.00E+00
1.03E+01	5.11E+00	-1.17E-01	-2.44E-03	0.00E+00

1.03E+01	5.06E+00	-2.40E-01	-1.10E-02	0.00E+00
1.03E+01	5.07E+00	-2.57E-02	-2.44E-03	0.00E+00
1.03E+01	5.06E+00	1.88E-01	-1.95E-02	0.00E+00
1.03E+01	5.07E+00	-1.04E-02	-2.81E-02	0.00E+00
1.04E+01	5.06E+00	-1.33E-01	-7.32E-03	0.00E+00
1.04E+01	5.14E+00	4.89E-03	-2.44E-03	0.00E+00
1.04E+01	5.13E+00	1.73E-01	-2.44E-02	0.00E+00
1.04E+01	5.09E+00	-8.68E-02	-3.66E-02	0.00E+00
1.04E+01	5.17E+00	-8.68E-02	-1.95E-02	0.00E+00
1.05E+01	5.10E+00	-1.79E-01	-1.95E-02	0.00E+00
1.05E+01	5.10E+00	-1.17E-01	-9.77E-03	0.00E+00
1.05E+01	5.05E+00	4.89E-03	-2.69E-02	0.00E+00
1.05E+01	5.09E+00	5.08E-02	-1.95E-02	0.00E+00
1.05E+01	5.17E+00	3.55E-02	-4.88E-03	0.00E+00
1.06E+01	5.14E+00	3.55E-02	-2.32E-02	0.00E+00
1.06E+01	5.04E+00	3.55E-02	-7.32E-03	0.00E+00
1.06E+01	5.14E+00	5.08E-02	-2.20E-02	0.00E+00
1.06E+01	5.16E+00	-1.17E-01	-2.44E-02	0.00E+00
1.06E+01	5.11E+00	-1.48E-01	-1.34E-02	0.00E+00
1.07E+01	5.16E+00	-8.68E-02	-7.32E-03	0.00E+00
1.07E+01	5.08E+00	-3.93E-01	-7.32E-03	0.00E+00
1.07E+01	5.25E+00	-2.57E-02	-2.32E-02	0.00E+00
1.07E+01	5.11E+00	-8.68E-02	-1.71E-02	0.00E+00
1.07E+01	5.09E+00	-2.57E-02	-1.71E-02	0.00E+00
1.08E+01	5.14E+00	-2.57E-02	-1.95E-02	0.00E+00
1.08E+01	4.99E+00	-2.57E-02	-8.54E-03	0.00E+00
1.08E+01	5.11E+00	-1.94E-01	-1.46E-02	0.00E+00
1.08E+01	4.93E+00	2.02E-02	-1.46E-02	0.00E+00
1.08E+01	5.10E+00	9.66E-02	-7.32E-03	0.00E+00
1.09E+01	5.13E+00	3.55E-02	-1.71E-02	0.00E+00
1.09E+01	5.13E+00	-8.68E-02	-1.71E-02	0.00E+00
1.09E+01	4.96E+00	1.12E-01	-2.93E-02	0.00E+00
1.09E+01	5.11E+00	6.61E-02	-1.71E-02	0.00E+00
1.09E+01	4.91E+00	-1.04E-02	-2.44E-02	0.00E+00
1.10E+01	5.06E+00	3.55E-02	-1.10E-02	0.00E+00
1.10E+01	5.07E+00	-5.63E-02	-1.71E-02	0.00E+00
1.10E+01	5.07E+00	3.55E-02	-1.46E-02	0.00E+00
1.10E+01	5.09E+00	-4.10E-02	-2.69E-02	0.00E+00
1.10E+01	5.01E+00	1.88E-01	-2.44E-03	0.00E+00
1.11E+01	5.24E+00	4.89E-03	0.00E+00	0.00E+00
1.11E+01	5.14E+00	3.55E-02	-2.32E-02	0.00E+00
1.11E+01	5.11E+00	-2.57E-02	-2.20E-02	0.00E+00
1.11E+01	5.11E+00	-1.33E-01	-1.71E-02	0.00E+00
1.11E+01	5.14E+00	4.89E-03	-2.32E-02	0.00E+00
1.12E+01	5.05E+00	2.50E-01	-9.77E-03	0.00E+00
1.12E+01	5.13E+00	6.61E-02	-2.81E-02	0.00E+00
1.12E+01	5.13E+00	4.89E-03	-1.95E-02	0.00E+00

1.12E+01	5.13E+00	2.02E-02	-2.20E-02	0.00E+00
1.12E+01	5.09E+00	-2.57E-02	-1.83E-02	0.00E+00
1.13E+01	4.93E+00	-2.57E-02	-1.46E-02	0.00E+00
1.13E+01	5.13E+00	-2.57E-02	-1.34E-02	0.00E+00
1.13E+01	5.24E+00	2.02E-02	-1.46E-02	0.00E+00
1.13E+01	5.09E+00	-1.17E-01	-1.22E-02	0.00E+00
1.13E+01	5.11E+00	-8.68E-02	-2.32E-02	0.00E+00
1.14E+01	5.03E+00	-1.48E-01	-1.22E-02	0.00E+00
1.14E+01	4.94E+00	6.61E-02	-2.56E-02	0.00E+00
1.14E+01	5.15E+00	4.33E-01	-2.08E-02	0.00E+00
1.14E+01	5.13E+00	-8.68E-02	-2.44E-02	0.00E+00
1.14E+01	5.13E+00	3.55E-02	-1.95E-02	0.00E+00
1.15E+01	5.02E+00	-1.04E-02	-2.32E-02	0.00E+00
1.15E+01	5.07E+00	-1.48E-01	-4.88E-03	0.00E+00
1.15E+01	5.15E+00	4.89E-03	-2.93E-02	0.00E+00
1.15E+01	5.10E+00	1.88E-01	-2.20E-02	0.00E+00
1.15E+01	5.22E+00	-1.48E-01	-1.22E-02	0.00E+00
1.16E+01	5.05E+00	-5.63E-02	-1.46E-02	0.00E+00
1.16E+01	5.09E+00	-8.68E-02	0.00E+00	0.00E+00
1.16E+01	5.08E+00	3.55E-02	-1.71E-02	0.00E+00
1.16E+01	5.08E+00	9.66E-02	-2.93E-02	0.00E+00
1.16E+01	5.11E+00	-2.55E-01	-9.77E-03	0.00E+00
1.17E+01	5.04E+00	5.08E-02	-3.30E-02	0.00E+00
1.17E+01	5.13E+00	-8.68E-02	-2.20E-02	0.00E+00
1.17E+01	5.09E+00	9.66E-02	-7.32E-03	0.00E+00
1.17E+01	5.16E+00	-2.57E-02	-2.32E-02	0.00E+00
1.17E+01	5.14E+00	-8.68E-02	-6.10E-03	0.00E+00
1.18E+01	5.09E+00	8.13E-02	-1.71E-02	0.00E+00
1.18E+01	5.22E+00	-4.10E-02	-2.44E-02	0.00E+00
1.18E+01	5.05E+00	-5.63E-02	-1.46E-02	0.00E+00
1.18E+01	5.10E+00	-1.04E-02	-2.69E-02	0.00E+00
1.18E+01	5.08E+00	9.66E-02	-1.34E-02	0.00E+00
1.19E+01	5.01E+00	-5.63E-02	-2.69E-02	0.00E+00
1.19E+01	5.07E+00	8.13E-02	-1.83E-02	0.00E+00
1.19E+01	5.24E+00	-4.10E-02	-1.22E-02	0.00E+00
1.19E+01	5.14E+00	-8.68E-02	2.44E-03	0.00E+00
1.19E+01	4.98E+00	-1.04E-02	-1.22E-02	0.00E+00
1.20E+01	5.09E+00	9.66E-02	-1.34E-02	0.00E+00
1.20E+01	5.08E+00	-8.68E-02	-1.22E-02	0.00E+00
1.20E+01	5.13E+00	6.61E-02	-1.71E-02	0.00E+00
1.20E+01	5.26E+00	-1.02E-01	-4.88E-03	0.00E+00
1.20E+01	5.02E+00	-1.17E-01	-4.88E-03	0.00E+00
1.21E+01	5.08E+00	2.02E-02	-1.71E-02	0.00E+00
1.21E+01	5.10E+00	-1.02E-01	-1.95E-02	0.00E+00
1.21E+01	5.01E+00	-2.57E-02	-1.22E-02	0.00E+00
1.21E+01	5.11E+00	1.58E-01	-2.56E-02	0.00E+00
1.21E+01	4.96E+00	-1.17E-01	-2.81E-02	0.00E+00

1.22E+01	5.09E+00	1.43E-01	-3.17E-02	0.00E+00
1.22E+01	5.10E+00	3.55E-02	-1.46E-02	0.00E+00
1.22E+01	5.11E+00	-7.16E-02	-1.71E-02	0.00E+00
1.22E+01	5.03E+00	2.02E-02	-2.81E-02	0.00E+00
1.22E+01	5.13E+00	-1.48E-01	-1.46E-02	0.00E+00
1.23E+01	5.22E+00	-7.16E-02	-1.22E-03	0.00E+00
1.23E+01	5.10E+00	6.61E-02	-2.32E-02	0.00E+00
1.23E+01	5.06E+00	1.58E-01	-1.95E-02	0.00E+00
1.23E+01	5.09E+00	1.27E-01	-1.71E-02	0.00E+00
1.23E+01	5.07E+00	-8.68E-02	-1.22E-02	0.00E+00
1.24E+01	5.06E+00	3.55E-02	-9.77E-03	0.00E+00
1.24E+01	5.13E+00	1.43E-01	-4.76E-02	0.00E+00
1.24E+01	5.14E+00	6.61E-02	-3.05E-02	0.00E+00
1.24E+01	5.13E+00	-3.77E-01	-8.54E-03	0.00E+00
1.24E+01	5.10E+00	8.13E-02	-1.71E-02	0.00E+00
1.25E+01	5.13E+00	4.89E-03	-2.20E-02	0.00E+00
1.25E+01	5.14E+00	-2.57E-02	-1.95E-02	0.00E+00
1.25E+01	5.07E+00	-5.63E-02	-7.32E-03	0.00E+00
1.25E+01	5.04E+00	-2.40E-01	-8.54E-03	0.00E+00
1.25E+01	4.98E+00	-2.24E-01	-1.10E-02	0.00E+00
1.26E+01	5.21E+00	-2.57E-02	-1.71E-02	0.00E+00
1.26E+01	5.17E+00	2.02E-02	-2.44E-02	0.00E+00
1.26E+01	5.07E+00	-1.02E-01	-1.22E-02	0.00E+00
1.26E+01	5.05E+00	3.55E-02	7.32E-03	0.00E+00
1.26E+01	5.16E+00	1.88E-01	-7.32E-03	0.00E+00
1.27E+01	5.07E+00	3.11E-01	-1.95E-02	0.00E+00
1.27E+01	4.98E+00	-1.04E-02	-1.83E-02	0.00E+00
1.27E+01	5.06E+00	-8.68E-02	-1.95E-02	0.00E+00
1.27E+01	5.05E+00	-1.17E-01	-4.88E-03	0.00E+00
1.27E+01	5.11E+00	9.66E-02	-1.71E-02	0.00E+00
1.28E+01	5.08E+00	-2.70E-01	-2.93E-02	0.00E+00
1.28E+01	5.03E+00	-3.31E-01	-1.95E-02	0.00E+00
1.28E+01	5.01E+00	-1.17E-01	-1.95E-02	0.00E+00
1.28E+01	5.04E+00	-1.17E-01	-1.10E-02	0.00E+00
1.28E+01	5.08E+00	4.89E-03	-7.32E-03	0.00E+00
1.29E+01	5.19E+00	-5.63E-02	-1.71E-02	0.00E+00
1.29E+01	5.09E+00	-1.48E-01	-2.93E-02	0.00E+00
1.29E+01	5.14E+00	1.58E-01	-2.69E-02	0.00E+00
1.29E+01	4.93E+00	6.61E-02	-1.10E-02	0.00E+00
1.29E+01	5.11E+00	4.89E-03	-1.59E-02	0.00E+00
1.30E+01	5.11E+00	6.61E-02	-2.20E-02	0.00E+00
1.30E+01	5.04E+00	4.89E-03	-2.81E-02	0.00E+00
1.30E+01	5.10E+00	3.55E-02	-8.54E-03	0.00E+00
1.30E+01	5.24E+00	-2.70E-01	-4.88E-03	0.00E+00
1.30E+01	5.04E+00	9.66E-02	-1.83E-02	0.00E+00
1.31E+01	5.14E+00	-1.02E-01	-1.71E-02	0.00E+00
1.31E+01	5.05E+00	3.55E-02	-9.77E-03	0.00E+00

1.31E+01	5.14E+00	6.61E-02	-3.17E-02	0.00E+00
1.31E+01	5.13E+00	-2.70E-01	-2.69E-02	0.00E+00
1.31E+01	4.93E+00	1.43E-01	-1.71E-02	0.00E+00
1.32E+01	5.32E+00	-1.17E-01	-2.32E-02	0.00E+00
1.32E+01	5.05E+00	-1.48E-01	-2.44E-02	0.00E+00
1.32E+01	5.10E+00	9.66E-02	-1.22E-02	0.00E+00
1.32E+01	5.13E+00	6.61E-02	-2.44E-02	0.00E+00
1.32E+01	5.08E+00	-1.79E-01	-2.08E-02	0.00E+00
1.33E+01	5.26E+00	3.57E-01	-2.93E-02	0.00E+00
1.33E+01	5.14E+00	-1.79E-01	-9.77E-03	0.00E+00
1.33E+01	5.05E+00	4.89E-03	-2.69E-02	0.00E+00
1.33E+01	5.10E+00	6.61E-02	-1.34E-02	0.00E+00
1.33E+01	5.14E+00	-1.04E-02	-1.71E-02	0.00E+00
1.34E+01	5.08E+00	-8.68E-02	-2.44E-02	0.00E+00
1.34E+01	5.05E+00	3.11E-01	-9.77E-03	0.00E+00
1.34E+01	5.22E+00	4.89E-03	-1.71E-02	0.00E+00
1.34E+01	5.16E+00	-7.16E-02	-1.95E-02	0.00E+00
1.34E+01	5.08E+00	3.55E-02	-9.77E-03	0.00E+00
1.35E+01	5.08E+00	-1.17E-01	-2.20E-02	0.00E+00
1.35E+01	5.07E+00	-2.40E-01	4.88E-03	0.00E+00
1.35E+01	5.13E+00	-2.24E-01	-1.34E-02	0.00E+00
1.35E+01	4.97E+00	3.55E-02	-2.44E-02	0.00E+00
1.35E+01	5.13E+00	-1.79E-01	-7.32E-03	0.00E+00
1.36E+01	5.11E+00	-8.68E-02	-1.59E-02	0.00E+00
1.36E+01	5.05E+00	-4.10E-02	-1.95E-02	0.00E+00
1.36E+01	5.09E+00	1.12E-01	-2.56E-02	0.00E+00
1.36E+01	5.11E+00	-2.40E-01	-1.95E-02	0.00E+00
1.36E+01	4.93E+00	3.55E-02	-1.95E-02	0.00E+00
1.37E+01	5.18E+00	-5.63E-02	-1.46E-02	0.00E+00
1.37E+01	5.09E+00	-5.63E-02	-1.22E-02	0.00E+00
1.37E+01	5.13E+00	5.08E-02	-2.69E-02	0.00E+00
1.37E+01	5.12E+00	3.55E-02	-3.30E-02	0.00E+00
1.37E+01	4.99E+00	-2.40E-01	-7.32E-03	0.00E+00
1.38E+01	5.03E+00	3.55E-02	-1.46E-02	0.00E+00
1.38E+01	5.12E+00	-1.17E-01	-8.54E-03	0.00E+00
1.38E+01	5.10E+00	-1.48E-01	-1.46E-02	0.00E+00
1.38E+01	5.06E+00	-8.68E-02	-1.95E-02	0.00E+00
1.38E+01	5.07E+00	-7.16E-02	-7.32E-03	0.00E+00
1.39E+01	5.09E+00	3.55E-02	-1.46E-02	0.00E+00
1.39E+01	5.10E+00	-1.48E-01	-1.46E-02	0.00E+00
1.39E+01	5.10E+00	4.89E-03	-1.71E-02	0.00E+00
1.39E+01	5.10E+00	-1.48E-01	-1.34E-02	0.00E+00
1.39E+01	5.02E+00	4.89E-03	-4.88E-03	0.00E+00
1.40E+01	5.16E+00	1.27E-01	-3.66E-02	0.00E+00
1.40E+01	5.18E+00	-3.62E-01	-1.10E-02	0.00E+00
1.40E+01	4.90E+00	6.61E-02	-1.22E-02	0.00E+00
1.40E+01	5.09E+00	-7.16E-02	-1.46E-02	0.00E+00

1.40E+01	5.11E+00	-2.57E-02	-1.95E-02	0.00E+00
1.41E+01	5.10E+00	-1.79E-01	-9.77E-03	0.00E+00
1.41E+01	5.04E+00	-8.68E-02	-9.77E-03	0.00E+00
1.41E+01	5.20E+00	-2.09E-01	-1.34E-02	0.00E+00
1.41E+01	4.95E+00	3.55E-02	-3.05E-02	0.00E+00
1.41E+01	5.14E+00	-1.04E-02	-1.95E-02	0.00E+00
1.42E+01	5.07E+00	4.89E-03	-3.66E-03	0.00E+00
1.42E+01	5.04E+00	6.61E-02	-1.22E-02	0.00E+00
1.42E+01	5.18E+00	-2.09E-01	-1.59E-02	0.00E+00
1.42E+01	5.14E+00	8.13E-02	-1.46E-02	0.00E+00
1.42E+01	5.25E+00	-2.57E-02	-2.93E-02	0.00E+00
1.43E+01	5.10E+00	-2.57E-02	-9.77E-03	0.00E+00
1.43E+01	5.12E+00	1.27E-01	-2.20E-02	0.00E+00
1.43E+01	5.04E+00	-8.68E-02	-1.95E-02	0.00E+00
1.43E+01	5.07E+00	-4.10E-02	-1.95E-02	0.00E+00
1.43E+01	5.08E+00	1.27E-01	-1.83E-02	0.00E+00
1.44E+01	5.08E+00	4.89E-03	-3.30E-02	0.00E+00
1.44E+01	5.15E+00	3.55E-02	-1.34E-02	0.00E+00
1.44E+01	5.13E+00	-2.57E-02	-3.17E-02	0.00E+00
1.44E+01	5.01E+00	-1.17E-01	-9.77E-03	0.00E+00
1.44E+01	5.10E+00	-8.68E-02	-3.66E-03	0.00E+00
1.45E+01	5.01E+00	3.55E-02	-9.77E-03	0.00E+00
1.45E+01	5.07E+00	-5.63E-02	-2.20E-02	0.00E+00
1.45E+01	5.05E+00	-8.68E-02	-6.10E-03	0.00E+00
1.45E+01	5.05E+00	6.61E-02	-3.66E-02	0.00E+00
1.45E+01	5.13E+00	4.89E-03	-2.20E-02	0.00E+00
1.46E+01	5.10E+00	-2.57E-02	-1.10E-02	0.00E+00
1.46E+01	5.16E+00	3.55E-02	-1.95E-02	0.00E+00
1.46E+01	5.15E+00	-1.48E-01	-8.54E-03	0.00E+00
1.46E+01	5.13E+00	3.55E-02	-1.46E-02	0.00E+00
1.46E+01	5.16E+00	-1.33E-01	-9.77E-03	0.00E+00
1.47E+01	5.12E+00	-1.63E-01	-9.77E-03	0.00E+00
1.47E+01	5.09E+00	-8.68E-02	-2.44E-02	0.00E+00
1.47E+01	5.08E+00	6.61E-02	-1.46E-02	0.00E+00
1.47E+01	5.20E+00	4.89E-03	-8.54E-03	0.00E+00
1.47E+01	5.10E+00	-8.68E-02	-1.46E-02	0.00E+00
1.48E+01	5.06E+00	-1.48E-01	3.66E-03	0.00E+00
1.48E+01	5.14E+00	-1.94E-01	-7.32E-03	0.00E+00
1.48E+01	5.09E+00	-5.63E-02	-8.54E-03	0.00E+00
1.48E+01	5.11E+00	4.89E-03	-1.95E-02	0.00E+00
1.48E+01	5.18E+00	-1.79E-01	7.32E-03	0.00E+00
1.49E+01	5.04E+00	2.50E-01	-1.59E-02	0.00E+00
1.49E+01	5.17E+00	-2.57E-02	-2.93E-02	0.00E+00
1.49E+01	5.10E+00	-7.16E-02	-1.71E-02	0.00E+00
1.49E+01	5.09E+00	-5.63E-02	-9.77E-03	0.00E+00
1.49E+01	5.11E+00	-2.57E-02	-1.59E-02	0.00E+00
1.50E+01	5.14E+00	5.08E-02	-1.95E-02	0.00E+00

1.50E+01	5.14E+00	-2.57E-02	-2.81E-02	0.00E+00
1.50E+01	5.09E+00	-1.48E-01	-4.15E-02	0.00E+00
1.50E+01	5.18E+00	-3.31E-01	-1.22E-02	0.00E+00
1.50E+01	5.08E+00	4.89E-03	-1.71E-02	0.00E+00
1.51E+01	5.06E+00	2.34E-01	-2.20E-02	0.00E+00
1.51E+01	5.15E+00	-1.17E-01	-1.46E-02	0.00E+00
1.51E+01	5.08E+00	-2.24E-01	-7.32E-03	0.00E+00
1.51E+01	5.17E+00	-5.63E-02	-3.66E-03	0.00E+00
1.51E+01	5.14E+00	-3.62E-01	-9.77E-03	0.00E+00
1.52E+01	5.21E+00	-4.10E-02	-2.44E-02	0.00E+00
1.52E+01	5.07E+00	-1.48E-01	-1.46E-02	0.00E+00
1.52E+01	5.02E+00	-1.17E-01	-8.54E-03	0.00E+00
1.52E+01	5.08E+00	9.66E-02	-1.46E-02	0.00E+00
1.52E+01	5.11E+00	4.89E-03	-4.88E-03	0.00E+00
1.53E+01	5.13E+00	-1.94E-01	-1.71E-02	0.00E+00
1.53E+01	4.95E+00	-8.68E-02	-9.77E-03	0.00E+00
1.53E+01	5.10E+00	1.27E-01	-1.59E-02	0.00E+00
1.53E+01	5.16E+00	-2.57E-02	-1.95E-02	0.00E+00
1.53E+01	5.03E+00	-1.33E-01	-1.46E-02	0.00E+00
1.54E+01	5.10E+00	-4.10E-02	-4.64E-02	0.00E+00
1.54E+01	5.17E+00	-3.31E-01	-9.77E-03	0.00E+00
1.54E+01	5.11E+00	5.08E-02	-1.59E-02	0.00E+00
1.54E+01	5.11E+00	-1.04E-02	-1.59E-02	0.00E+00
1.54E+01	4.97E+00	-5.63E-02	-2.44E-02	0.00E+00
1.55E+01	5.09E+00	1.12E-01	-1.10E-02	0.00E+00
1.55E+01	5.08E+00	-1.33E-01	2.44E-03	0.00E+00
1.55E+01	5.06E+00	1.88E-01	-2.44E-02	0.00E+00
1.55E+01	5.10E+00	-1.79E-01	-1.22E-02	0.00E+00
1.55E+01	5.03E+00	9.66E-02	-1.46E-02	0.00E+00
1.56E+01	5.07E+00	-5.63E-02	-1.95E-02	0.00E+00
1.56E+01	5.08E+00	3.55E-02	-1.71E-02	0.00E+00
1.56E+01	5.11E+00	-2.57E-02	-4.88E-03	0.00E+00
1.56E+01	5.05E+00	-2.57E-02	-1.95E-02	0.00E+00
1.56E+01	5.13E+00	-7.16E-02	-3.42E-02	0.00E+00
1.57E+01	5.02E+00	5.08E-02	-1.22E-02	0.00E+00
1.57E+01	5.10E+00	-8.68E-02	-7.32E-03	0.00E+00
1.57E+01	5.11E+00	-2.09E-01	-9.77E-03	0.00E+00
1.57E+01	5.07E+00	5.08E-02	-3.78E-02	0.00E+00
1.57E+01	5.08E+00	-8.68E-02	-1.46E-02	0.00E+00
1.58E+01	5.05E+00	-1.33E-01	0.00E+00	0.00E+00
1.58E+01	5.16E+00	3.55E-02	-1.71E-02	0.00E+00
1.58E+01	5.08E+00	-1.17E-01	-2.08E-02	0.00E+00
1.58E+01	5.07E+00	2.34E-01	-1.71E-02	0.00E+00
1.58E+01	5.12E+00	-1.17E-01	-2.44E-03	0.00E+00
1.59E+01	5.08E+00	4.18E-01	-2.44E-02	0.00E+00
1.59E+01	5.15E+00	-1.17E-01	-2.69E-02	0.00E+00
1.59E+01	5.03E+00	-1.02E-01	-1.34E-02	0.00E+00

1.59E+01	5.09E+00	3.55E-02	-2.69E-02	0.00E+00
1.59E+01	5.11E+00	-2.09E-01	-1.71E-02	0.00E+00
1.60E+01	5.13E+00	-8.68E-02	-2.69E-02	0.00E+00
1.60E+01	5.15E+00	-2.55E-01	-1.22E-02	0.00E+00
1.60E+01	5.04E+00	4.89E-03	-4.88E-03	0.00E+00
1.60E+01	5.12E+00	9.66E-02	-2.56E-02	0.00E+00

Current File O:\Projects\914220~1\ODYSSE~1\processed_data\Ody1124A.csv

Original File C:\Data\9142OdysseyLiftGate\Ody1124.dx3

File descrip 9142 2005 Honda Odyssey LiftGate liftgate - Esser

Project ID: Project ID

File ID: ORIGINAL

Test Date: #####

Test Time: 41:30.0

Current Da #####

Current Tin 8:36:18

Number of 4

Number of 928

Independe 0.02

Independe -4.54

Independe Sec

Time Angle Force LiftgateMo StrutCalDisplacement

Sec	Degrees	lbs	volts	inches
-4.54E+00	7.48E+01	-5.63E-02	-2.69E-02	0.00E+00
-4.52E+00	7.47E+01	-2.40E-01	-2.69E-02	0.00E+00
-4.50E+00	7.48E+01	2.50E-01	-1.71E-02	0.00E+00
-4.48E+00	7.47E+01	-1.02E-01	-1.46E-02	0.00E+00
-4.46E+00	7.46E+01	3.55E-02	9.77E-03	0.00E+00
-4.44E+00	7.48E+01	2.95E-01	-2.20E-02	0.00E+00
-4.42E+00	7.48E+01	5.08E-02	-7.32E-03	0.00E+00
-4.40E+00	7.49E+01	1.58E-01	-1.59E-02	0.00E+00
-4.38E+00	7.47E+01	-2.57E-02	-1.71E-02	0.00E+00
-4.36E+00	7.47E+01	-1.79E-01	-2.20E-02	0.00E+00
-4.34E+00	7.47E+01	4.89E-03	-2.44E-03	0.00E+00
-4.32E+00	7.49E+01	8.13E-02	-9.77E-03	0.00E+00
-4.30E+00	7.47E+01	8.13E-02	-1.71E-02	0.00E+00
-4.28E+00	7.46E+01	-1.63E-01	-2.20E-02	0.00E+00
-4.26E+00	7.47E+01	-8.68E-02	-1.46E-02	0.00E+00
-4.24E+00	7.47E+01	-2.09E-01	-9.77E-03	0.00E+00
-4.22E+00	7.48E+01	1.58E-01	-2.20E-02	0.00E+00
-4.20E+00	7.48E+01	-1.63E-01	-1.10E-02	0.00E+00
-4.18E+00	7.49E+01	-1.33E-01	-1.46E-02	0.00E+00
-4.16E+00	7.48E+01	-5.63E-02	-2.56E-02	0.00E+00
-4.14E+00	7.48E+01	-1.48E-01	-1.46E-02	0.00E+00
-4.12E+00	7.48E+01	-1.33E-01	-3.54E-02	0.00E+00
-4.10E+00	7.47E+01	4.89E-03	-9.77E-03	0.00E+00
-4.08E+00	7.49E+01	-1.17E-01	-2.69E-02	0.00E+00
-4.06E+00	7.47E+01	-8.68E-02	-1.46E-02	0.00E+00
-4.04E+00	7.48E+01	-1.04E-02	-1.95E-02	0.00E+00
-4.02E+00	7.48E+01	-2.57E-02	1.22E-03	0.00E+00
-4.00E+00	7.48E+01	1.88E-01	1.83E-02	0.00E+00
-3.98E+00	7.48E+01	-2.57E-02	-1.95E-02	0.00E+00
-3.96E+00	7.48E+01	-1.79E-01	-1.34E-02	0.00E+00
-3.94E+00	7.48E+01	5.08E-02	-3.78E-02	0.00E+00

-3.92E+00	7.48E+01	3.55E-02	-2.20E-02	0.00E+00
-3.90E+00	7.47E+01	-1.02E-01	-1.46E-02	0.00E+00
-3.88E+00	7.48E+01	-5.00E-01	-6.10E-03	0.00E+00
-3.86E+00	7.48E+01	-5.63E-02	-1.46E-02	0.00E+00
-3.84E+00	7.46E+01	4.89E-03	-2.44E-03	0.00E+00
-3.82E+00	7.47E+01	-8.68E-02	-1.59E-02	0.00E+00
-3.80E+00	7.48E+01	-2.57E-02	-1.95E-02	0.00E+00
-3.78E+00	7.49E+01	-1.94E-01	-1.71E-02	0.00E+00
-3.76E+00	7.47E+01	4.89E-03	-1.46E-02	0.00E+00
-3.74E+00	7.48E+01	-2.57E-02	-2.20E-02	0.00E+00
-3.72E+00	7.47E+01	1.27E-01	-4.88E-03	0.00E+00
-3.70E+00	7.46E+01	-2.57E-02	-2.93E-02	0.00E+00
-3.68E+00	7.48E+01	-1.17E-01	-2.20E-02	0.00E+00
-3.66E+00	7.47E+01	-2.09E-01	-2.20E-02	0.00E+00
-3.64E+00	7.48E+01	1.12E-01	-1.95E-02	0.00E+00
-3.62E+00	7.48E+01	-2.09E-01	-1.71E-02	0.00E+00
-3.60E+00	7.47E+01	4.89E-03	1.22E-03	0.00E+00
-3.58E+00	7.48E+01	1.12E-01	-1.95E-02	0.00E+00
-3.56E+00	7.47E+01	-2.57E-02	-1.46E-02	0.00E+00
-3.54E+00	7.48E+01	-2.57E-02	-1.46E-02	0.00E+00
-3.52E+00	7.48E+01	-2.57E-02	-2.32E-02	0.00E+00
-3.50E+00	7.48E+01	-8.68E-02	-2.44E-02	0.00E+00
-3.48E+00	7.48E+01	2.02E-02	9.77E-03	0.00E+00
-3.46E+00	7.48E+01	4.89E-03	-2.56E-02	0.00E+00
-3.44E+00	7.48E+01	-5.63E-02	-1.83E-02	0.00E+00
-3.42E+00	7.48E+01	-5.63E-02	-1.71E-02	0.00E+00
-3.40E+00	7.48E+01	-1.33E-01	-1.10E-02	0.00E+00
-3.38E+00	7.47E+01	-5.63E-02	-1.22E-02	0.00E+00
-3.36E+00	7.49E+01	-3.01E-01	-9.77E-03	0.00E+00
-3.34E+00	7.48E+01	-8.68E-02	-2.56E-02	0.00E+00
-3.32E+00	7.48E+01	4.89E-03	-2.93E-02	0.00E+00
-3.30E+00	7.48E+01	3.55E-02	-3.17E-02	0.00E+00
-3.28E+00	7.48E+01	-5.63E-02	-1.22E-02	0.00E+00
-3.26E+00	7.49E+01	2.50E-01	-2.44E-02	0.00E+00
-3.24E+00	7.50E+01	-1.48E-01	-2.69E-02	0.00E+00
-3.22E+00	7.47E+01	-1.17E-01	-1.95E-02	0.00E+00
-3.20E+00	7.48E+01	-2.57E-02	-1.46E-02	0.00E+00
-3.18E+00	7.49E+01	-2.57E-02	-1.22E-02	0.00E+00
-3.16E+00	7.47E+01	-5.63E-02	-1.83E-02	0.00E+00
-3.14E+00	7.47E+01	-2.57E-02	-1.22E-02	0.00E+00
-3.12E+00	7.48E+01	-2.57E-02	-2.93E-02	0.00E+00
-3.10E+00	7.48E+01	-2.09E-01	-1.46E-02	0.00E+00
-3.08E+00	7.48E+01	-2.57E-02	-1.83E-02	0.00E+00
-3.06E+00	7.48E+01	1.88E-01	7.32E-03	0.00E+00
-3.04E+00	7.48E+01	-5.63E-02	-2.44E-02	0.00E+00
-3.02E+00	7.48E+01	-2.70E-01	-2.44E-02	0.00E+00
-3.00E+00	7.47E+01	-1.33E-01	1.22E-02	0.00E+00

-2.98E+00	7.48E+01	1.12E-01	-1.34E-02	0.00E+00
-2.96E+00	7.47E+01	-5.63E-02	-2.69E-02	0.00E+00
-2.94E+00	7.48E+01	-2.40E-01	-6.10E-03	0.00E+00
-2.92E+00	7.48E+01	-1.04E-02	-2.20E-02	0.00E+00
-2.90E+00	7.47E+01	-2.57E-02	-9.77E-03	0.00E+00
-2.88E+00	7.48E+01	3.11E-01	-2.44E-02	0.00E+00
-2.86E+00	7.48E+01	-2.57E-02	-8.54E-03	0.00E+00
-2.84E+00	7.47E+01	-7.16E-02	-1.59E-02	0.00E+00
-2.82E+00	7.47E+01	3.55E-02	-2.20E-02	0.00E+00
-2.80E+00	7.48E+01	-1.33E-01	-1.10E-02	0.00E+00
-2.78E+00	7.47E+01	-1.02E-01	-8.54E-03	0.00E+00
-2.76E+00	7.47E+01	-1.17E-01	-1.83E-02	0.00E+00
-2.74E+00	7.47E+01	-5.63E-02	-1.22E-02	0.00E+00
-2.72E+00	7.48E+01	-5.63E-02	-4.88E-03	0.00E+00
-2.70E+00	7.48E+01	-1.33E-01	-1.46E-02	0.00E+00
-2.68E+00	7.47E+01	3.55E-02	-1.22E-02	0.00E+00
-2.66E+00	7.47E+01	6.61E-02	1.10E-02	0.00E+00
-2.64E+00	7.47E+01	6.61E-02	-1.22E-02	0.00E+00
-2.62E+00	7.47E+01	-2.57E-02	-2.56E-02	0.00E+00
-2.60E+00	7.48E+01	9.66E-02	-1.46E-02	0.00E+00
-2.58E+00	7.47E+01	-1.33E-01	1.95E-02	0.00E+00
-2.56E+00	7.48E+01	4.89E-03	-1.95E-02	0.00E+00
-2.54E+00	7.48E+01	-1.17E-01	-4.15E-02	0.00E+00
-2.52E+00	7.47E+01	2.02E-02	-7.32E-03	0.00E+00
-2.50E+00	7.48E+01	1.58E-01	-2.44E-02	0.00E+00
-2.48E+00	7.48E+01	-8.68E-02	-1.95E-02	0.00E+00
-2.46E+00	7.47E+01	-1.04E-02	-1.22E-02	0.00E+00
-2.44E+00	7.48E+01	9.66E-02	-2.20E-02	0.00E+00
-2.42E+00	7.49E+01	-5.00E-01	-2.44E-02	0.00E+00
-2.40E+00	7.47E+01	-2.57E-02	-1.46E-02	0.00E+00
-2.38E+00	7.48E+01	-5.63E-02	-2.81E-02	0.00E+00
-2.36E+00	7.48E+01	1.27E-01	-2.44E-02	0.00E+00
-2.34E+00	7.47E+01	-1.17E-01	-7.32E-03	0.00E+00
-2.32E+00	7.47E+01	2.34E-01	-1.95E-02	0.00E+00
-2.30E+00	7.48E+01	-1.48E-01	-1.46E-02	0.00E+00
-2.28E+00	7.48E+01	3.55E-02	-2.69E-02	0.00E+00
-2.26E+00	7.48E+01	1.58E-01	-1.59E-02	0.00E+00
-2.24E+00	7.45E+01	-8.68E-02	-2.20E-02	0.00E+00
-2.22E+00	7.48E+01	9.66E-02	-1.59E-02	0.00E+00
-2.20E+00	7.46E+01	-8.68E-02	-9.77E-03	0.00E+00
-2.18E+00	7.47E+01	5.08E-02	-6.10E-03	0.00E+00
-2.16E+00	7.48E+01	-2.57E-02	-2.69E-02	0.00E+00
-2.14E+00	7.48E+01	-1.79E-01	-2.44E-02	0.00E+00
-2.12E+00	7.48E+01	-1.02E-01	-9.77E-03	0.00E+00
-2.10E+00	7.47E+01	2.02E-02	-1.22E-02	0.00E+00
-2.08E+00	7.48E+01	-1.33E-01	-1.10E-02	0.00E+00
-2.06E+00	7.48E+01	-1.04E-02	-2.69E-02	0.00E+00

-2.04E+00	7.48E+01	-1.63E-01	-9.77E-03	0.00E+00
-2.02E+00	7.47E+01	1.12E-01	-1.22E-02	0.00E+00
-2.00E+00	7.48E+01	-8.68E-02	-1.71E-02	0.00E+00
-1.98E+00	7.48E+01	-2.57E-02	-1.46E-02	0.00E+00
-1.96E+00	7.47E+01	2.02E-02	0.00E+00	0.00E+00
-1.94E+00	7.48E+01	3.55E-02	-2.08E-02	0.00E+00
-1.92E+00	7.48E+01	-1.48E-01	-1.46E-02	0.00E+00
-1.90E+00	7.47E+01	-1.79E-01	-7.32E-03	0.00E+00
-1.88E+00	7.48E+01	4.89E-03	-1.95E-02	0.00E+00
-1.86E+00	7.48E+01	4.89E-03	-2.20E-02	0.00E+00
-1.84E+00	7.48E+01	1.58E-01	-1.71E-02	0.00E+00
-1.82E+00	7.47E+01	-7.16E-02	-1.46E-02	0.00E+00
-1.80E+00	7.48E+01	5.08E-02	-1.95E-02	0.00E+00
-1.78E+00	7.47E+01	6.61E-02	-4.88E-03	0.00E+00
-1.76E+00	7.48E+01	-2.57E-02	-1.59E-02	0.00E+00
-1.74E+00	7.47E+01	-1.33E-01	-1.10E-02	0.00E+00
-1.72E+00	7.47E+01	6.61E-02	-2.44E-03	0.00E+00
-1.70E+00	7.48E+01	3.55E-02	-2.44E-02	0.00E+00
-1.68E+00	7.48E+01	-1.48E-01	-1.71E-02	0.00E+00
-1.66E+00	7.48E+01	4.89E-03	-1.46E-02	0.00E+00
-1.64E+00	7.48E+01	-2.57E-02	-4.88E-03	0.00E+00
-1.62E+00	7.47E+01	4.89E-03	-2.20E-02	0.00E+00
-1.60E+00	7.48E+01	-3.01E-01	-8.54E-03	0.00E+00
-1.58E+00	7.47E+01	-1.48E-01	-9.77E-03	0.00E+00
-1.56E+00	7.47E+01	-2.09E-01	-1.59E-02	0.00E+00
-1.54E+00	7.48E+01	-1.04E-02	-3.17E-02	0.00E+00
-1.52E+00	7.48E+01	8.13E-02	-1.46E-02	0.00E+00
-1.50E+00	7.48E+01	6.61E-02	-1.46E-02	0.00E+00
-1.48E+00	7.48E+01	9.66E-02	-1.46E-02	0.00E+00
-1.46E+00	7.46E+01	9.66E-02	-1.22E-02	0.00E+00
-1.44E+00	7.47E+01	4.89E-03	-2.20E-02	0.00E+00
-1.42E+00	7.48E+01	-4.10E-02	-1.46E-02	0.00E+00
-1.40E+00	7.48E+01	-2.57E-02	-1.71E-02	0.00E+00
-1.38E+00	7.48E+01	-8.68E-02	-1.10E-02	0.00E+00
-1.36E+00	7.46E+01	5.08E-02	-2.44E-03	0.00E+00
-1.34E+00	7.47E+01	-7.16E-02	-1.83E-02	0.00E+00
-1.32E+00	7.47E+01	1.12E-01	-1.10E-02	0.00E+00
-1.30E+00	7.48E+01	4.89E-03	-2.56E-02	0.00E+00
-1.28E+00	7.47E+01	-3.93E-01	1.22E-02	0.00E+00
-1.26E+00	7.47E+01	-8.68E-02	-6.10E-03	0.00E+00
-1.24E+00	7.48E+01	-1.33E-01	-2.08E-02	0.00E+00
-1.22E+00	7.48E+01	5.08E-02	-2.44E-03	0.00E+00
-1.20E+00	7.47E+01	3.55E-02	-9.77E-03	0.00E+00
-1.18E+00	7.48E+01	6.61E-02	-1.71E-02	0.00E+00
-1.16E+00	7.47E+01	-2.40E-01	-1.22E-02	0.00E+00
-1.14E+00	7.47E+01	-2.57E-02	-9.77E-03	0.00E+00
-1.12E+00	7.48E+01	-5.63E-02	-2.20E-02	0.00E+00

-1.10E+00	7.47E+01	6.61E-02	-4.88E-03	0.00E+00
-1.08E+00	7.47E+01	-4.10E-02	-2.93E-02	0.00E+00
-1.06E+00	7.47E+01	-1.33E-01	-1.71E-02	0.00E+00
-1.04E+00	7.47E+01	-1.02E-01	-2.44E-03	0.00E+00
-1.02E+00	7.48E+01	8.13E-02	-7.32E-03	0.00E+00
-1.00E+00	7.48E+01	-5.63E-02	-1.46E-02	0.00E+00
-9.80E-01	7.47E+01	-8.68E-02	0.00E+00	0.00E+00
-9.60E-01	7.48E+01	-3.01E-01	6.10E-03	0.00E+00
-9.40E-01	7.48E+01	-1.17E-01	-1.22E-02	0.00E+00
-9.20E-01	7.47E+01	-5.63E-02	-1.34E-02	0.00E+00
-9.00E-01	7.49E+01	-4.10E-02	-2.56E-02	0.00E+00
-8.80E-01	7.48E+01	-3.47E-01	-1.46E-02	0.00E+00
-8.60E-01	7.47E+01	-1.63E-01	-1.83E-02	0.00E+00
-8.40E-01	7.47E+01	-3.47E-01	-1.95E-02	0.00E+00
-8.20E-01	7.50E+01	-2.57E-02	-2.20E-02	0.00E+00
-8.00E-01	7.48E+01	3.55E-02	-7.32E-03	0.00E+00
-7.80E-01	7.48E+01	5.08E-02	-2.44E-02	0.00E+00
-7.60E-01	7.48E+01	-1.33E-01	-3.66E-03	0.00E+00
-7.40E-01	7.47E+01	1.27E-01	-9.77E-03	0.00E+00
-7.20E-01	7.49E+01	3.55E-02	-1.22E-02	0.00E+00
-7.00E-01	7.48E+01	-1.17E-01	-2.20E-02	0.00E+00
-6.80E-01	7.48E+01	-1.02E-01	7.32E-03	0.00E+00
-6.60E-01	7.48E+01	-8.68E-02	-1.46E-02	0.00E+00
-6.40E-01	7.48E+01	-1.79E-01	-9.77E-03	0.00E+00
-6.20E-01	7.48E+01	4.89E-03	-1.71E-02	0.00E+00
-6.00E-01	7.48E+01	4.89E-03	-2.20E-02	0.00E+00
-5.80E-01	7.49E+01	6.61E-02	-2.20E-02	0.00E+00
-5.60E-01	7.48E+01	2.19E-01	-1.71E-02	0.00E+00
-5.40E-01	7.48E+01	-1.17E-01	-1.46E-02	0.00E+00
-5.20E-01	7.47E+01	2.02E-02	-1.46E-02	0.00E+00
-5.00E-01	7.46E+01	-1.63E-01	-9.77E-03	0.00E+00
-4.80E-01	7.47E+01	6.61E-02	-7.32E-03	0.00E+00
-4.60E-01	7.50E+01	3.55E-02	-1.46E-02	0.00E+00
-4.40E-01	7.48E+01	-1.17E-01	-3.66E-03	0.00E+00
-4.20E-01	7.48E+01	-1.17E-01	-1.95E-02	0.00E+00
-4.00E-01	7.47E+01	-1.17E-01	-1.34E-02	0.00E+00
-3.80E-01	7.47E+01	-1.02E-01	-4.88E-03	0.00E+00
-3.60E-01	7.47E+01	-5.63E-02	-9.77E-03	0.00E+00
-3.40E-01	7.47E+01	-8.68E-02	-1.71E-02	0.00E+00
-3.20E-01	7.47E+01	1.27E-01	7.32E-03	0.00E+00
-3.00E-01	7.46E+01	4.89E-03	-1.95E-02	0.00E+00
-2.80E-01	7.48E+01	6.61E-02	-2.32E-02	0.00E+00
-2.60E-01	7.47E+01	-5.63E-02	-8.54E-03	0.00E+00
-2.40E-01	7.48E+01	1.27E-01	-1.46E-02	0.00E+00
-2.20E-01	7.48E+01	-2.57E-02	-2.56E-02	0.00E+00
-2.00E-01	7.47E+01	9.66E-02	-9.77E-03	0.00E+00
-1.80E-01	7.46E+01	1.27E-01	-1.46E-02	0.00E+00

-1.60E-01	7.48E+01	4.89E-03	-1.95E-02	0.00E+00
-1.40E-01	7.47E+01	-2.57E-02	-1.46E-02	0.00E+00
-1.20E-01	7.48E+01	2.02E-02	-3.05E-02	0.00E+00
-1.00E-01	7.47E+01	-1.33E-01	-4.64E-02	0.00E+00
-8.00E-02	7.46E+01	-1.33E-01	-9.77E-03	0.00E+00
-6.00E-02	7.45E+01	-1.94E-01	-9.77E-03	0.00E+00
-4.00E-02	7.42E+01	-8.68E-02	-1.10E-02	0.00E+00
-2.00E-02	7.42E+01	9.66E-02	-1.71E-02	0.00E+00
0.00E+00	7.41E+01	4.89E-03	-2.08E-02	0.00E+00
2.00E-02	7.43E+01	-3.31E-01	-1.71E-02	0.00E+00
4.00E-02	7.43E+01	-1.79E-01	-1.34E-02	0.00E+00
6.00E-02	7.41E+01	-8.68E-02	-1.59E-02	0.00E+00
8.00E-02	7.42E+01	-2.57E-02	-1.83E-02	0.00E+00
1.00E-01	7.41E+01	-5.63E-02	-4.03E-02	0.00E+00
1.20E-01	7.36E+01	-8.68E-02	-1.71E-02	0.00E+00
1.40E-01	7.36E+01	-5.63E-02	-1.71E-02	0.00E+00
1.60E-01	7.36E+01	1.27E-01	-2.20E-02	0.00E+00
1.80E-01	7.36E+01	6.61E-02	-2.44E-03	0.00E+00
2.00E-01	7.33E+01	-1.17E-01	-1.34E-02	0.00E+00
2.20E-01	7.30E+01	4.89E-03	-1.83E-02	0.00E+00
2.40E-01	7.29E+01	6.61E-02	-2.32E-02	0.00E+00
2.60E-01	7.28E+01	3.55E-02	-2.20E-02	0.00E+00
2.80E-01	7.24E+01	-1.17E-01	-1.71E-02	0.00E+00
3.00E-01	7.24E+01	4.89E-03	-1.22E-02	0.00E+00
3.20E-01	7.23E+01	3.55E-02	-2.44E-02	0.00E+00
3.40E-01	7.19E+01	-2.57E-02	-1.34E-02	0.00E+00
3.60E-01	7.19E+01	-1.04E-02	3.66E-03	0.00E+00
3.80E-01	7.18E+01	4.89E-03	-2.56E-02	0.00E+00
4.00E-01	7.14E+01	6.61E-02	-1.34E-02	0.00E+00
4.20E-01	7.14E+01	-2.57E-02	-2.44E-02	0.00E+00
4.40E-01	7.13E+01	1.43E-01	-5.13E-02	0.00E+00
4.60E-01	7.11E+01	-1.94E-01	-9.77E-03	0.00E+00
4.80E-01	7.10E+01	-1.17E-01	-1.22E-02	0.00E+00
5.00E-01	7.07E+01	-5.63E-02	-2.69E-02	0.00E+00
5.20E-01	7.07E+01	-2.70E-01	-1.22E-02	0.00E+00
5.40E-01	7.07E+01	-5.63E-02	-8.54E-03	0.00E+00
5.60E-01	7.05E+01	-1.04E-02	-2.32E-02	0.00E+00
5.80E-01	7.02E+01	-1.17E-01	-1.34E-02	0.00E+00
6.00E-01	7.00E+01	-1.17E-01	-9.77E-03	0.00E+00
6.20E-01	7.00E+01	6.61E-02	-2.20E-02	0.00E+00
6.40E-01	6.95E+01	-5.63E-02	-7.32E-03	0.00E+00
6.60E-01	6.93E+01	-1.33E-01	1.71E-02	0.00E+00
6.80E-01	6.95E+01	9.66E-02	-2.69E-02	0.00E+00
7.00E-01	6.91E+01	-4.10E-02	-2.20E-02	0.00E+00
7.20E-01	6.85E+01	2.02E-02	-1.22E-03	0.00E+00
7.40E-01	6.88E+01	-3.62E-01	-1.71E-02	0.00E+00
7.60E-01	6.84E+01	3.55E-02	-2.44E-03	0.00E+00

7.80E-01	6.79E+01	2.19E-01	-1.46E-02	0.00E+00
8.00E-01	6.78E+01	-2.57E-02	-1.46E-02	0.00E+00
8.20E-01	6.77E+01	-7.16E-02	-1.22E-02	0.00E+00
8.40E-01	6.73E+01	-2.09E-01	-2.08E-02	0.00E+00
8.60E-01	6.72E+01	-7.16E-02	-2.08E-02	0.00E+00
8.80E-01	6.72E+01	4.89E-03	-2.44E-02	0.00E+00
9.00E-01	6.68E+01	-5.63E-02	-7.32E-03	0.00E+00
9.20E-01	6.66E+01	-7.16E-02	-2.44E-03	0.00E+00
9.40E-01	6.66E+01	-1.33E-01	-1.71E-02	0.00E+00
9.60E-01	6.64E+01	-5.63E-02	-2.20E-02	0.00E+00
9.80E-01	6.61E+01	-2.09E-01	-2.93E-02	0.00E+00
1.00E+00	6.61E+01	5.08E-02	-1.10E-02	0.00E+00
1.02E+00	6.60E+01	-2.57E-02	-2.69E-02	0.00E+00
1.04E+00	6.55E+01	-2.57E-02	-3.17E-02	0.00E+00
1.06E+00	6.55E+01	-2.70E-01	-9.77E-03	0.00E+00
1.08E+00	6.54E+01	-2.09E-01	-9.77E-03	0.00E+00
1.10E+00	6.48E+01	-8.68E-02	-1.46E-02	0.00E+00
1.12E+00	6.50E+01	-5.63E-02	-9.77E-03	0.00E+00
1.14E+00	6.49E+01	-5.63E-02	-2.32E-02	0.00E+00
1.16E+00	6.44E+01	1.27E-01	-1.95E-02	0.00E+00
1.18E+00	6.44E+01	-5.63E-02	9.77E-03	0.00E+00
1.20E+00	6.43E+01	-5.63E-02	-1.95E-02	0.00E+00
1.22E+00	6.38E+01	-1.94E-01	-4.88E-03	0.00E+00
1.24E+00	6.37E+01	1.73E-01	-1.46E-02	0.00E+00
1.26E+00	6.37E+01	-1.33E-01	-9.77E-03	0.00E+00
1.28E+00	6.32E+01	-1.48E-01	-1.22E-02	0.00E+00
1.30E+00	6.31E+01	1.27E-01	-9.77E-03	0.00E+00
1.32E+00	6.32E+01	-3.93E-01	-2.20E-02	0.00E+00
1.34E+00	6.26E+01	-3.47E-01	-1.95E-02	0.00E+00
1.36E+00	6.25E+01	4.89E-03	-2.08E-02	0.00E+00
1.38E+00	6.26E+01	-1.17E-01	-1.83E-02	0.00E+00
1.40E+00	6.18E+01	-5.63E-02	2.44E-03	0.00E+00
1.42E+00	6.20E+01	-1.04E-02	-1.22E-02	0.00E+00
1.44E+00	6.19E+01	-2.57E-02	-1.34E-02	0.00E+00
1.46E+00	6.14E+01	-5.63E-02	-1.22E-02	0.00E+00
1.48E+00	6.14E+01	-2.57E-02	-3.42E-02	0.00E+00
1.50E+00	6.13E+01	-8.68E-02	-9.77E-03	0.00E+00
1.52E+00	6.08E+01	4.89E-03	-1.59E-02	0.00E+00
1.54E+00	6.08E+01	-2.09E-01	-1.22E-02	0.00E+00
1.56E+00	6.08E+01	-7.16E-02	-9.77E-03	0.00E+00
1.58E+00	6.02E+01	3.55E-02	-2.20E-02	0.00E+00
1.60E+00	6.02E+01	-1.48E-01	-1.22E-02	0.00E+00
1.62E+00	6.01E+01	3.55E-02	-2.93E-02	0.00E+00
1.64E+00	5.97E+01	-1.79E-01	-2.32E-02	0.00E+00
1.66E+00	5.96E+01	-1.17E-01	-9.77E-03	0.00E+00
1.68E+00	5.94E+01	-1.02E-01	-2.20E-02	0.00E+00
1.70E+00	5.91E+01	-1.02E-01	9.77E-03	0.00E+00

1.72E+00	5.91E+01	-8.68E-02	-1.46E-02	0.00E+00
1.74E+00	5.88E+01	1.27E-01	-1.34E-02	0.00E+00
1.76E+00	5.87E+01	3.11E-01	-3.05E-02	0.00E+00
1.78E+00	5.85E+01	-8.68E-02	-1.95E-02	0.00E+00
1.80E+00	5.81E+01	-2.57E-02	-1.34E-02	0.00E+00
1.82E+00	5.80E+01	-2.09E-01	-1.22E-02	0.00E+00
1.84E+00	5.77E+01	-8.68E-02	-1.83E-02	0.00E+00
1.86E+00	5.75E+01	1.58E-01	-1.59E-02	0.00E+00
1.88E+00	5.75E+01	-2.57E-02	-3.66E-02	0.00E+00
1.90E+00	5.73E+01	-4.10E-02	-1.34E-02	0.00E+00
1.92E+00	5.67E+01	6.61E-02	-9.77E-03	0.00E+00
1.94E+00	5.67E+01	-5.63E-02	-6.10E-03	0.00E+00
1.96E+00	5.67E+01	1.58E-01	-1.59E-02	0.00E+00
1.98E+00	5.61E+01	-2.09E-01	-8.54E-03	0.00E+00
2.00E+00	5.61E+01	9.66E-02	-1.22E-02	0.00E+00
2.02E+00	5.60E+01	-1.04E-02	-3.91E-02	0.00E+00
2.04E+00	5.56E+01	-2.09E-01	-7.32E-03	0.00E+00
2.06E+00	5.55E+01	-2.57E-02	-2.44E-03	0.00E+00
2.08E+00	5.51E+01	2.19E-01	-1.34E-02	0.00E+00
2.10E+00	5.49E+01	3.55E-02	-1.34E-02	0.00E+00
2.12E+00	5.48E+01	-7.16E-02	-2.44E-02	0.00E+00
2.14E+00	5.44E+01	1.27E-01	-2.20E-02	0.00E+00
2.16E+00	5.45E+01	4.89E-03	-3.30E-02	0.00E+00
2.18E+00	5.41E+01	-2.40E-01	-2.20E-02	0.00E+00
2.20E+00	5.38E+01	-1.79E-01	-2.44E-02	0.00E+00
2.22E+00	5.38E+01	-1.17E-01	-1.95E-02	0.00E+00
2.24E+00	5.33E+01	-8.68E-02	7.32E-03	0.00E+00
2.26E+00	5.31E+01	-4.10E-02	-1.95E-02	0.00E+00
2.28E+00	5.33E+01	1.73E-01	-2.08E-02	0.00E+00
2.30E+00	5.27E+01	-1.63E-01	-1.95E-02	0.00E+00
2.32E+00	5.25E+01	-5.63E-02	-1.22E-02	0.00E+00
2.34E+00	5.25E+01	2.02E-02	-2.44E-02	0.00E+00
2.36E+00	5.21E+01	4.89E-03	-1.59E-02	0.00E+00
2.38E+00	5.22E+01	6.61E-02	-3.54E-02	0.00E+00
2.40E+00	5.16E+01	1.73E-01	-1.71E-02	0.00E+00
2.42E+00	5.16E+01	-1.04E-02	-2.44E-02	0.00E+00
2.44E+00	5.15E+01	1.88E-01	-2.20E-02	0.00E+00
2.46E+00	5.09E+01	-1.63E-01	-2.20E-02	0.00E+00
2.48E+00	5.09E+01	-8.68E-02	-1.46E-02	0.00E+00
2.50E+00	5.08E+01	-2.40E-01	-2.20E-02	0.00E+00
2.52E+00	5.01E+01	-8.68E-02	-9.77E-03	0.00E+00
2.54E+00	5.03E+01	-5.63E-02	-1.10E-02	0.00E+00
2.56E+00	5.00E+01	-1.48E-01	-2.32E-02	0.00E+00
2.58E+00	4.98E+01	2.19E-01	-1.71E-02	0.00E+00
2.60E+00	4.96E+01	-8.68E-02	-3.17E-02	0.00E+00
2.62E+00	4.95E+01	-4.10E-02	-1.95E-02	0.00E+00
2.64E+00	4.91E+01	-8.68E-02	-1.59E-02	0.00E+00

2.66E+00	4.92E+01	-1.63E-01	-1.10E-02	0.00E+00
2.68E+00	4.86E+01	-8.68E-02	8.54E-03	0.00E+00
2.70E+00	4.86E+01	3.55E-02	-9.77E-03	0.00E+00
2.72E+00	4.84E+01	-2.09E-01	-1.59E-02	0.00E+00
2.74E+00	4.80E+01	1.88E-01	-9.77E-03	0.00E+00
2.76E+00	4.80E+01	6.61E-02	-9.77E-03	0.00E+00
2.78E+00	4.75E+01	4.89E-03	-1.46E-02	0.00E+00
2.80E+00	4.74E+01	-1.48E-01	-7.32E-03	0.00E+00
2.82E+00	4.73E+01	6.61E-02	-1.22E-02	0.00E+00
2.84E+00	4.69E+01	1.43E-01	-1.71E-02	0.00E+00
2.86E+00	4.69E+01	-1.17E-01	-4.88E-03	0.00E+00
2.88E+00	4.66E+01	-4.10E-02	-9.77E-03	0.00E+00
2.90E+00	4.63E+01	-1.17E-01	-3.66E-02	0.00E+00
2.92E+00	4.63E+01	-1.48E-01	-9.77E-03	0.00E+00
2.94E+00	4.57E+01	-3.93E-01	-3.91E-02	0.00E+00
2.96E+00	4.58E+01	-1.04E-02	-8.54E-03	0.00E+00
2.98E+00	4.54E+01	4.89E-03	-1.71E-02	0.00E+00
3.00E+00	4.51E+01	4.89E-03	-2.69E-02	0.00E+00
3.02E+00	4.52E+01	1.27E-01	-2.44E-02	0.00E+00
3.04E+00	4.46E+01	-2.40E-01	-2.20E-02	0.00E+00
3.06E+00	4.46E+01	3.55E-02	-9.77E-03	0.00E+00
3.08E+00	4.41E+01	-1.17E-01	-2.20E-02	0.00E+00
3.10E+00	4.40E+01	-1.17E-01	-4.88E-03	0.00E+00
3.12E+00	4.37E+01	-8.68E-02	-1.46E-02	0.00E+00
3.14E+00	4.35E+01	-1.79E-01	-1.71E-02	0.00E+00
3.16E+00	4.32E+01	-1.79E-01	2.44E-03	0.00E+00
3.18E+00	4.29E+01	-1.63E-01	-2.20E-02	0.00E+00
3.20E+00	4.28E+01	-3.77E-01	-1.95E-02	0.00E+00
3.22E+00	4.23E+01	4.89E-03	-1.95E-02	0.00E+00
3.24E+00	4.23E+01	4.89E-03	-2.93E-02	0.00E+00
3.26E+00	4.18E+01	-1.17E-01	-1.71E-02	0.00E+00
3.28E+00	4.18E+01	-2.55E-01	-1.59E-02	0.00E+00
3.30E+00	4.14E+01	-1.48E-01	-1.95E-02	0.00E+00
3.32E+00	4.11E+01	-2.57E-02	-1.59E-02	0.00E+00
3.34E+00	4.11E+01	-8.68E-02	-1.95E-02	0.00E+00
3.36E+00	4.07E+01	-2.57E-02	6.10E-03	0.00E+00
3.38E+00	4.06E+01	6.61E-02	-2.32E-02	0.00E+00
3.40E+00	4.03E+01	-5.63E-02	-1.22E-02	0.00E+00
3.42E+00	4.00E+01	-1.94E-01	-1.71E-02	0.00E+00
3.44E+00	3.99E+01	-2.57E-02	-3.42E-02	0.00E+00
3.46E+00	3.93E+01	3.55E-02	-6.10E-03	0.00E+00
3.48E+00	3.94E+01	-5.63E-02	-2.93E-02	0.00E+00
3.50E+00	3.89E+01	-1.17E-01	-2.20E-02	0.00E+00
3.52E+00	3.89E+01	4.89E-03	-1.22E-02	0.00E+00
3.54E+00	3.86E+01	-1.02E-01	-1.83E-02	0.00E+00
3.56E+00	3.83E+01	-1.79E-01	-1.10E-02	0.00E+00
3.58E+00	3.82E+01	-5.63E-02	-1.95E-02	0.00E+00

3.60E+00	3.78E+01	9.66E-02	-1.59E-02	0.00E+00
3.62E+00	3.77E+01	-7.16E-02	-2.20E-02	0.00E+00
3.64E+00	3.73E+01	6.61E-02	-1.95E-02	0.00E+00
3.66E+00	3.70E+01	-8.68E-02	-3.91E-02	0.00E+00
3.68E+00	3.66E+01	9.66E-02	-1.22E-02	0.00E+00
3.70E+00	3.66E+01	3.55E-02	-8.54E-03	0.00E+00
3.72E+00	3.63E+01	-1.48E-01	-1.95E-02	0.00E+00
3.74E+00	3.60E+01	-1.17E-01	-1.59E-02	0.00E+00
3.76E+00	3.59E+01	4.89E-03	-2.44E-02	0.00E+00
3.78E+00	3.56E+01	3.55E-02	-1.46E-02	0.00E+00
3.80E+00	3.52E+01	4.89E-03	-1.34E-02	0.00E+00
3.82E+00	3.50E+01	6.61E-02	-1.59E-02	0.00E+00
3.84E+00	3.47E+01	-1.02E-01	-1.46E-02	0.00E+00
3.86E+00	3.44E+01	2.02E-02	-7.32E-03	0.00E+00
3.88E+00	3.41E+01	-8.68E-02	-2.20E-02	0.00E+00
3.90E+00	3.41E+01	-1.17E-01	-1.46E-02	0.00E+00
3.92E+00	3.35E+01	-1.48E-01	1.59E-02	0.00E+00
3.94E+00	3.36E+01	-4.10E-02	-9.77E-03	0.00E+00
3.96E+00	3.30E+01	-1.79E-01	-1.95E-02	0.00E+00
3.98E+00	3.30E+01	-4.10E-02	-1.95E-02	0.00E+00
4.00E+00	3.25E+01	-5.63E-02	-2.69E-02	0.00E+00
4.02E+00	3.23E+01	-7.16E-02	-2.69E-02	0.00E+00
4.04E+00	3.18E+01	1.27E-01	-3.66E-03	0.00E+00
4.06E+00	3.18E+01	5.08E-02	-1.83E-02	0.00E+00
4.08E+00	3.13E+01	-1.02E-01	-3.42E-02	0.00E+00
4.10E+00	3.11E+01	3.55E-02	-2.20E-02	0.00E+00
4.12E+00	3.07E+01	-1.48E-01	-9.77E-03	0.00E+00
4.14E+00	3.06E+01	-2.40E-01	-1.95E-02	0.00E+00
4.16E+00	3.01E+01	1.27E-01	-1.59E-02	0.00E+00
4.18E+00	3.02E+01	-5.63E-02	-2.93E-02	0.00E+00
4.20E+00	2.95E+01	2.19E-01	-8.54E-03	0.00E+00
4.22E+00	2.95E+01	9.66E-02	-2.93E-02	0.00E+00
4.24E+00	2.91E+01	-1.17E-01	-2.08E-02	0.00E+00
4.26E+00	2.89E+01	-8.68E-02	-2.20E-02	0.00E+00
4.28E+00	2.86E+01	2.02E-02	-1.95E-02	0.00E+00
4.30E+00	2.83E+01	9.66E-02	-2.20E-02	0.00E+00
4.32E+00	2.80E+01	2.02E-02	-2.20E-02	0.00E+00
4.34E+00	2.78E+01	2.80E-01	-1.71E-02	0.00E+00
4.36E+00	2.73E+01	-4.10E-02	-2.08E-02	0.00E+00
4.38E+00	2.71E+01	-1.17E-01	-1.22E-02	0.00E+00
4.40E+00	2.66E+01	5.08E-02	-1.46E-02	0.00E+00
4.42E+00	2.61E+01	-1.63E-01	-8.54E-03	0.00E+00
4.44E+00	2.58E+01	2.19E-01	-1.34E-02	0.00E+00
4.46E+00	2.55E+01	9.66E-02	-2.20E-02	0.00E+00
4.48E+00	2.54E+01	-5.63E-02	-2.20E-02	0.00E+00
4.50E+00	2.49E+01	1.27E-01	-9.77E-03	0.00E+00
4.52E+00	2.49E+01	-8.68E-02	-2.20E-02	0.00E+00

4.54E+00	2.43E+01	-2.09E-01	-1.22E-02	0.00E+00
4.56E+00	2.42E+01	9.66E-02	-1.59E-02	0.00E+00
4.58E+00	2.38E+01	9.66E-02	-1.46E-02	0.00E+00
4.60E+00	2.37E+01	1.43E-01	-1.95E-02	0.00E+00
4.62E+00	2.32E+01	4.89E-03	-1.22E-02	0.00E+00
4.64E+00	2.31E+01	1.27E-01	-1.95E-02	0.00E+00
4.66E+00	2.27E+01	-5.63E-02	-1.10E-02	0.00E+00
4.68E+00	2.25E+01	-8.68E-02	-3.66E-03	0.00E+00
4.70E+00	2.22E+01	-1.79E-01	-1.22E-02	0.00E+00
4.72E+00	2.18E+01	-5.63E-02	-1.95E-02	0.00E+00
4.74E+00	2.17E+01	-8.68E-02	-1.22E-02	0.00E+00
4.76E+00	2.14E+01	-2.09E-01	-2.20E-02	0.00E+00
4.78E+00	2.12E+01	-1.17E-01	-1.95E-02	0.00E+00
4.80E+00	2.07E+01	1.27E-01	-1.22E-02	0.00E+00
4.82E+00	2.06E+01	6.61E-02	-3.66E-02	0.00E+00
4.84E+00	2.02E+01	4.89E-03	-1.46E-02	0.00E+00
4.86E+00	2.00E+01	-1.17E-01	-3.54E-02	0.00E+00
4.88E+00	1.95E+01	-1.02E-01	-1.59E-02	0.00E+00
4.90E+00	1.93E+01	-2.57E-02	-1.34E-02	0.00E+00
4.92E+00	1.91E+01	-2.57E-02	-2.44E-02	0.00E+00
4.94E+00	1.85E+01	-1.04E-02	-1.46E-02	0.00E+00
4.96E+00	1.83E+01	-1.04E-02	-4.88E-03	0.00E+00
4.98E+00	1.79E+01	-1.02E-01	-1.95E-02	0.00E+00
5.00E+00	1.79E+01	-1.17E-01	-3.17E-02	0.00E+00
5.02E+00	1.73E+01	-1.79E-01	-1.95E-02	0.00E+00
5.04E+00	1.72E+01	4.89E-03	-2.93E-02	0.00E+00
5.06E+00	1.68E+01	-1.02E-01	-1.71E-02	0.00E+00
5.08E+00	1.66E+01	4.89E-03	-1.10E-02	0.00E+00
5.10E+00	1.62E+01	-7.16E-02	-2.44E-02	0.00E+00
5.12E+00	1.61E+01	2.02E-02	-4.15E-02	0.00E+00
5.14E+00	1.56E+01	6.61E-02	1.10E-02	0.00E+00
5.16E+00	1.56E+01	4.89E-03	-2.69E-02	0.00E+00
5.18E+00	1.50E+01	-5.63E-02	-1.22E-02	0.00E+00
5.20E+00	1.49E+01	-2.57E-02	2.20E-02	0.00E+00
5.22E+00	1.44E+01	1.27E-01	-1.10E-02	0.00E+00
5.24E+00	1.44E+01	1.73E-01	-2.69E-02	0.00E+00
5.26E+00	1.38E+01	-5.63E-02	-1.95E-02	0.00E+00
5.28E+00	1.38E+01	-2.40E-01	-1.95E-02	0.00E+00
5.30E+00	1.33E+01	5.08E-02	0.00E+00	0.00E+00
5.32E+00	1.31E+01	4.89E-03	-2.44E-03	0.00E+00
5.34E+00	1.27E+01	-2.57E-02	-6.10E-03	0.00E+00
5.36E+00	1.25E+01	-3.16E-01	-9.77E-03	0.00E+00
5.38E+00	1.22E+01	3.55E-02	-2.44E-02	0.00E+00
5.40E+00	1.22E+01	-5.63E-02	-1.22E-02	0.00E+00
5.42E+00	1.16E+01	2.50E-01	-1.71E-02	0.00E+00
5.44E+00	1.15E+01	4.89E-03	-1.34E-02	0.00E+00
5.46E+00	1.12E+01	-2.24E-01	-2.20E-02	0.00E+00

5.48E+00	1.07E+01	3.55E-02	-1.46E-02	0.00E+00
5.50E+00	1.07E+01	-8.68E-02	-1.83E-02	0.00E+00
5.52E+00	1.03E+01	3.55E-02	-1.46E-02	0.00E+00
5.54E+00	9.74E+00	1.12E-01	-1.22E-03	0.00E+00
5.56E+00	9.72E+00	8.13E-02	-1.46E-02	0.00E+00
5.58E+00	9.28E+00	-1.33E-01	-1.22E-02	0.00E+00
5.60E+00	9.15E+00	-8.68E-02	-8.54E-03	0.00E+00
5.62E+00	8.87E+00	9.66E-02	-1.95E-02	0.00E+00
5.64E+00	8.50E+00	-8.68E-02	7.32E-03	0.00E+00
5.66E+00	8.17E+00	4.89E-03	-6.10E-03	0.00E+00
5.68E+00	8.04E+00	-1.04E-02	-2.44E-02	0.00E+00
5.70E+00	7.54E+00	-1.79E-01	-2.20E-02	0.00E+00
5.72E+00	7.43E+00	1.27E-01	-1.71E-02	0.00E+00
5.74E+00	6.96E+00	-1.17E-01	-9.77E-03	0.00E+00
5.76E+00	6.77E+00	4.89E-03	-3.66E-02	0.00E+00
5.78E+00	6.58E+00	3.55E-02	-7.32E-03	0.00E+00
5.80E+00	6.23E+00	-1.17E-01	-1.46E-02	0.00E+00
5.82E+00	6.21E+00	6.61E-02	2.44E-03	0.00E+00
5.84E+00	6.21E+00	-1.04E-02	-1.95E-02	0.00E+00
5.86E+00	5.67E+00	-3.62E-01	-4.64E-02	0.00E+00
5.88E+00	5.73E+00	6.61E-02	-2.44E-03	0.00E+00
5.90E+00	5.63E+00	-8.68E-02	-1.83E-02	0.00E+00
5.92E+00	5.69E+00	-2.57E-02	4.88E-03	0.00E+00
5.94E+00	5.69E+00	4.89E-03	-1.95E-02	0.00E+00
5.96E+00	5.69E+00	-1.48E-01	-3.42E-02	0.00E+00
5.98E+00	5.80E+00	-3.62E-01	-9.77E-03	0.00E+00
6.00E+00	5.64E+00	4.89E-03	-1.46E-02	0.00E+00
6.02E+00	5.60E+00	-1.02E-01	-1.10E-02	0.00E+00
6.04E+00	5.60E+00	1.88E-01	-9.77E-03	0.00E+00
6.06E+00	5.69E+00	-2.57E-02	-1.46E-02	0.00E+00
6.08E+00	5.63E+00	2.19E-01	-2.20E-02	0.00E+00
6.10E+00	5.61E+00	-8.68E-02	-3.66E-03	0.00E+00
6.12E+00	5.77E+00	1.27E-01	-2.44E-02	0.00E+00
6.14E+00	5.69E+00	-7.16E-02	-1.71E-02	0.00E+00
6.16E+00	5.67E+00	-1.02E-01	-2.44E-02	0.00E+00
6.18E+00	5.63E+00	-1.17E-01	-1.59E-02	0.00E+00
6.20E+00	5.44E+00	-2.09E-01	-1.34E-02	0.00E+00
6.22E+00	5.69E+00	4.89E-03	-1.46E-02	0.00E+00
6.24E+00	5.65E+00	-2.40E-01	-9.77E-03	0.00E+00
6.26E+00	5.42E+00	1.73E-01	-4.88E-03	0.00E+00
6.28E+00	5.64E+00	-7.16E-02	-1.95E-02	0.00E+00
6.30E+00	5.60E+00	-1.02E-01	-4.39E-02	0.00E+00
6.32E+00	5.61E+00	-1.17E-01	-1.10E-02	0.00E+00
6.34E+00	5.67E+00	-5.63E-02	-1.71E-02	0.00E+00
6.36E+00	5.57E+00	-7.16E-02	-2.44E-02	0.00E+00
6.38E+00	5.63E+00	-1.48E-01	-2.08E-02	0.00E+00
6.40E+00	5.76E+00	-1.79E-01	-4.88E-03	0.00E+00

6.42E+00	5.67E+00	-8.68E-02	-1.22E-02	0.00E+00
6.44E+00	5.64E+00	1.27E-01	-1.34E-02	0.00E+00
6.46E+00	5.67E+00	-5.63E-02	-1.95E-02	0.00E+00
6.48E+00	5.60E+00	-1.63E-01	-8.54E-03	0.00E+00
6.50E+00	5.61E+00	3.55E-02	-2.56E-02	0.00E+00
6.52E+00	5.73E+00	-8.68E-02	-3.42E-02	0.00E+00
6.54E+00	5.66E+00	-2.24E-01	-1.71E-02	0.00E+00
6.56E+00	5.55E+00	-5.63E-02	-2.44E-03	0.00E+00
6.58E+00	5.66E+00	-5.63E-02	-1.71E-02	0.00E+00
6.60E+00	5.65E+00	-1.04E-02	-1.22E-02	0.00E+00
6.62E+00	5.67E+00	2.04E-01	-1.83E-02	0.00E+00
6.64E+00	5.71E+00	-8.68E-02	-4.64E-02	0.00E+00
6.66E+00	5.63E+00	4.89E-03	-1.95E-02	0.00E+00
6.68E+00	5.73E+00	1.58E-01	-1.10E-02	0.00E+00
6.70E+00	5.62E+00	-1.17E-01	-2.20E-02	0.00E+00
6.72E+00	5.60E+00	-1.17E-01	-1.34E-02	0.00E+00
6.74E+00	5.63E+00	-2.57E-02	-1.46E-02	0.00E+00
6.76E+00	5.66E+00	3.55E-02	-1.95E-02	0.00E+00
6.78E+00	5.65E+00	3.55E-02	-3.17E-02	0.00E+00
6.80E+00	5.70E+00	1.58E-01	-1.22E-02	0.00E+00
6.82E+00	5.64E+00	-1.48E-01	-1.46E-02	0.00E+00
6.84E+00	5.67E+00	4.89E-03	-9.77E-03	0.00E+00
6.86E+00	5.70E+00	4.48E-01	-3.05E-02	0.00E+00
6.88E+00	5.68E+00	-7.16E-02	-2.81E-02	0.00E+00
6.90E+00	5.66E+00	-1.17E-01	-1.22E-02	0.00E+00
6.92E+00	5.80E+00	-2.57E-02	-2.08E-02	0.00E+00
6.94E+00	5.65E+00	-5.63E-02	-1.22E-02	0.00E+00
6.96E+00	5.61E+00	1.27E-01	-8.54E-03	0.00E+00
6.98E+00	5.57E+00	9.66E-02	-2.20E-02	0.00E+00
7.00E+00	5.65E+00	3.55E-02	-1.71E-02	0.00E+00
7.02E+00	5.78E+00	4.89E-03	-1.95E-02	0.00E+00
7.04E+00	5.66E+00	3.55E-02	-1.71E-02	0.00E+00
7.06E+00	5.64E+00	-8.68E-02	-9.77E-03	0.00E+00
7.08E+00	5.73E+00	3.55E-02	-1.95E-02	0.00E+00
7.10E+00	5.69E+00	-8.68E-02	-1.22E-02	0.00E+00
7.12E+00	5.56E+00	-2.57E-02	1.10E-02	0.00E+00
7.14E+00	5.60E+00	-4.10E-02	-1.46E-02	0.00E+00
7.16E+00	5.72E+00	5.08E-02	-2.56E-02	0.00E+00
7.18E+00	5.61E+00	-1.79E-01	-7.32E-03	0.00E+00
7.20E+00	5.58E+00	-7.16E-02	-8.54E-03	0.00E+00
7.22E+00	5.59E+00	4.89E-03	-1.22E-02	0.00E+00
7.24E+00	5.62E+00	-5.63E-02	-1.34E-02	0.00E+00
7.26E+00	5.63E+00	-1.17E-01	7.32E-03	0.00E+00
7.28E+00	5.75E+00	-2.57E-02	-2.93E-02	0.00E+00
7.30E+00	5.71E+00	1.88E-01	1.22E-03	0.00E+00
7.32E+00	5.65E+00	4.89E-03	-2.08E-02	0.00E+00
7.34E+00	5.68E+00	4.89E-03	-1.95E-02	0.00E+00

7.36E+00	5.64E+00	-2.57E-02	0.00E+00	0.00E+00
7.38E+00	5.68E+00	3.55E-02	-1.71E-02	0.00E+00
7.40E+00	5.72E+00	-1.33E-01	-3.78E-02	0.00E+00
7.42E+00	5.67E+00	-1.02E-01	-8.54E-03	0.00E+00
7.44E+00	5.65E+00	-1.17E-01	-1.71E-02	0.00E+00
7.46E+00	5.69E+00	-8.68E-02	-1.46E-02	0.00E+00
7.48E+00	5.67E+00	1.88E-01	-1.22E-02	0.00E+00
7.50E+00	5.67E+00	6.61E-02	-3.42E-02	0.00E+00
7.52E+00	5.77E+00	-2.86E-01	-1.71E-02	0.00E+00
7.54E+00	5.66E+00	-1.48E-01	-1.46E-02	0.00E+00
7.56E+00	5.79E+00	4.89E-03	-2.93E-02	0.00E+00
7.58E+00	5.60E+00	-3.31E-01	-8.54E-03	0.00E+00
7.60E+00	5.62E+00	-1.33E-01	-2.32E-02	0.00E+00
7.62E+00	5.72E+00	2.80E-01	-2.44E-02	0.00E+00
7.64E+00	5.67E+00	-1.63E-01	-1.95E-02	0.00E+00
7.66E+00	5.68E+00	-7.16E-02	-1.22E-02	0.00E+00
7.68E+00	5.68E+00	6.61E-02	-1.10E-02	0.00E+00
7.70E+00	5.52E+00	6.61E-02	-2.44E-03	0.00E+00
7.72E+00	5.63E+00	-8.68E-02	-2.20E-02	0.00E+00
7.74E+00	5.53E+00	-1.04E-02	-2.20E-02	0.00E+00
7.76E+00	5.72E+00	-5.63E-02	-1.95E-02	0.00E+00
7.78E+00	5.68E+00	9.66E-02	-1.71E-02	0.00E+00
7.80E+00	5.78E+00	-1.17E-01	-9.77E-03	0.00E+00
7.82E+00	5.63E+00	1.73E-01	-1.22E-02	0.00E+00
7.84E+00	5.61E+00	-5.63E-02	-9.77E-03	0.00E+00
7.86E+00	5.68E+00	-5.63E-02	-1.34E-02	0.00E+00
7.88E+00	5.65E+00	-2.57E-02	-1.59E-02	0.00E+00
7.90E+00	5.57E+00	-5.63E-02	-9.77E-03	0.00E+00
7.92E+00	5.61E+00	-2.57E-02	-9.77E-03	0.00E+00
7.94E+00	5.59E+00	6.61E-02	1.22E-03	0.00E+00
7.96E+00	5.64E+00	4.89E-03	-2.56E-02	0.00E+00
7.98E+00	5.66E+00	2.02E-02	-9.77E-03	0.00E+00
8.00E+00	5.60E+00	-2.57E-02	0.00E+00	0.00E+00
8.02E+00	5.71E+00	3.55E-02	-1.46E-02	0.00E+00
8.04E+00	5.59E+00	-5.63E-02	-1.10E-02	0.00E+00
8.06E+00	5.68E+00	-5.63E-02	-2.44E-02	0.00E+00
8.08E+00	5.67E+00	-8.68E-02	-1.83E-02	0.00E+00
8.10E+00	5.69E+00	-4.10E-02	-2.20E-02	0.00E+00
8.12E+00	5.67E+00	-2.24E-01	-4.15E-02	0.00E+00
8.14E+00	5.61E+00	-1.04E-02	-1.34E-02	0.00E+00
8.16E+00	5.66E+00	-1.48E-01	-1.46E-02	0.00E+00
8.18E+00	5.69E+00	4.89E-03	2.44E-03	0.00E+00
8.20E+00	5.69E+00	-2.09E-01	-1.59E-02	0.00E+00
8.22E+00	5.68E+00	-8.68E-02	-2.81E-02	0.00E+00
8.24E+00	5.79E+00	1.88E-01	-1.22E-02	0.00E+00
8.26E+00	5.59E+00	1.12E-01	-9.77E-03	0.00E+00
8.28E+00	5.65E+00	-8.68E-02	-2.93E-02	0.00E+00

8.30E+00	5.63E+00	-1.48E-01	-1.46E-02	0.00E+00
8.32E+00	5.64E+00	-1.48E-01	-2.69E-02	0.00E+00
8.34E+00	5.75E+00	9.66E-02	-1.71E-02	0.00E+00
8.36E+00	5.62E+00	-1.79E-01	-1.71E-02	0.00E+00
8.38E+00	5.67E+00	3.55E-02	-1.95E-02	0.00E+00
8.40E+00	5.67E+00	2.19E-01	-1.59E-02	0.00E+00
8.42E+00	5.67E+00	-7.16E-02	-9.77E-03	0.00E+00
8.44E+00	5.55E+00	-1.79E-01	-6.10E-03	0.00E+00
8.46E+00	5.66E+00	-5.63E-02	-2.44E-02	0.00E+00
8.48E+00	5.60E+00	-1.48E-01	-9.77E-03	0.00E+00
8.50E+00	5.62E+00	-1.17E-01	-6.10E-03	0.00E+00
8.52E+00	5.61E+00	5.08E-02	-9.77E-03	0.00E+00
8.54E+00	5.65E+00	-8.68E-02	-3.78E-02	0.00E+00
8.56E+00	5.62E+00	-5.63E-02	-9.77E-03	0.00E+00
8.58E+00	5.68E+00	-7.16E-02	-2.20E-02	0.00E+00
8.60E+00	5.57E+00	-1.02E-01	-2.32E-02	0.00E+00
8.62E+00	5.64E+00	-5.63E-02	-9.77E-03	0.00E+00
8.64E+00	5.68E+00	-1.04E-02	-1.22E-02	0.00E+00
8.66E+00	5.66E+00	4.89E-03	-1.95E-02	0.00E+00
8.68E+00	5.69E+00	-1.04E-02	-7.32E-03	0.00E+00
8.70E+00	5.68E+00	3.55E-02	-1.59E-02	0.00E+00
8.72E+00	5.69E+00	-1.17E-01	-1.46E-02	0.00E+00
8.74E+00	5.56E+00	-1.02E-01	7.32E-03	0.00E+00
8.76E+00	5.64E+00	4.89E-03	-1.83E-02	0.00E+00
8.78E+00	5.62E+00	-1.17E-01	-7.32E-03	0.00E+00
8.80E+00	5.61E+00	-1.63E-01	-1.34E-02	0.00E+00
8.82E+00	5.72E+00	4.89E-03	-4.39E-02	0.00E+00
8.84E+00	5.62E+00	-8.68E-02	-1.10E-02	0.00E+00
8.86E+00	5.65E+00	-8.68E-02	-2.20E-02	0.00E+00
8.88E+00	5.75E+00	-7.16E-02	-1.46E-02	0.00E+00
8.90E+00	5.46E+00	-5.63E-02	-1.34E-02	0.00E+00
8.92E+00	5.65E+00	-2.57E-02	1.22E-03	0.00E+00
8.94E+00	5.65E+00	-2.57E-02	-1.95E-02	0.00E+00
8.96E+00	5.67E+00	-1.48E-01	-2.69E-02	0.00E+00
8.98E+00	5.62E+00	3.55E-02	-1.71E-02	0.00E+00
9.00E+00	5.65E+00	-5.63E-02	-2.93E-02	0.00E+00
9.02E+00	5.66E+00	1.27E-01	-2.08E-02	0.00E+00
9.04E+00	5.64E+00	-1.48E-01	-3.30E-02	0.00E+00
9.06E+00	5.71E+00	1.43E-01	-1.83E-02	0.00E+00
9.08E+00	5.67E+00	-8.68E-02	-2.32E-02	0.00E+00
9.10E+00	5.60E+00	9.66E-02	-1.59E-02	0.00E+00
9.12E+00	5.67E+00	3.55E-02	-1.59E-02	0.00E+00
9.14E+00	5.66E+00	-2.57E-02	-1.46E-02	0.00E+00
9.16E+00	5.67E+00	-1.17E-01	-2.44E-02	0.00E+00
9.18E+00	5.73E+00	-1.79E-01	-2.32E-02	0.00E+00
9.20E+00	5.72E+00	8.13E-02	-1.95E-02	0.00E+00
9.22E+00	5.64E+00	-1.17E-01	-1.59E-02	0.00E+00

9.24E+00	5.63E+00	-1.48E-01	-1.46E-02	0.00E+00
9.26E+00	5.50E+00	8.13E-02	-2.69E-02	0.00E+00
9.28E+00	5.62E+00	6.61E-02	-1.83E-02	0.00E+00
9.30E+00	5.64E+00	-5.63E-02	-1.22E-02	0.00E+00
9.32E+00	5.60E+00	4.89E-03	-2.20E-02	0.00E+00
9.34E+00	5.72E+00	4.89E-03	-1.22E-02	0.00E+00
9.36E+00	5.63E+00	3.55E-02	-1.95E-02	0.00E+00
9.38E+00	5.67E+00	-7.16E-02	-2.20E-02	0.00E+00
9.40E+00	5.59E+00	-7.16E-02	-1.46E-02	0.00E+00
9.42E+00	5.72E+00	-7.16E-02	-2.08E-02	0.00E+00
9.44E+00	5.64E+00	-7.16E-02	-1.10E-02	0.00E+00
9.46E+00	5.66E+00	-1.17E-01	-1.46E-02	0.00E+00
9.48E+00	5.68E+00	-8.68E-02	-2.93E-02	0.00E+00
9.50E+00	5.74E+00	-1.63E-01	-9.77E-03	0.00E+00
9.52E+00	5.63E+00	-2.09E-01	-1.22E-02	0.00E+00
9.54E+00	5.66E+00	2.50E-01	-2.20E-02	0.00E+00
9.56E+00	5.55E+00	6.61E-02	-2.81E-02	0.00E+00
9.58E+00	5.64E+00	-1.79E-01	-2.44E-02	0.00E+00
9.60E+00	5.60E+00	4.89E-03	-1.71E-02	0.00E+00
9.62E+00	5.60E+00	-5.63E-02	-3.66E-02	0.00E+00
9.64E+00	5.56E+00	-1.79E-01	-1.22E-02	0.00E+00
9.66E+00	5.64E+00	4.89E-03	-2.20E-02	0.00E+00
9.68E+00	5.68E+00	-2.09E-01	-2.20E-02	0.00E+00
9.70E+00	5.65E+00	-2.57E-02	-2.56E-02	0.00E+00
9.72E+00	5.63E+00	-1.33E-01	-7.32E-03	0.00E+00
9.74E+00	5.63E+00	-1.79E-01	-8.54E-03	0.00E+00
9.76E+00	5.69E+00	1.88E-01	-2.08E-02	0.00E+00
9.78E+00	5.84E+00	-1.02E-01	-4.27E-02	0.00E+00
9.80E+00	5.68E+00	-1.63E-01	-1.95E-02	0.00E+00
9.82E+00	5.63E+00	2.02E-02	-1.22E-02	0.00E+00
9.84E+00	5.62E+00	-1.17E-01	0.00E+00	0.00E+00
9.86E+00	5.65E+00	6.61E-02	2.44E-03	0.00E+00
9.88E+00	5.65E+00	-7.16E-02	-1.46E-02	0.00E+00
9.90E+00	5.70E+00	5.08E-02	-2.32E-02	0.00E+00
9.92E+00	5.62E+00	-1.17E-01	-1.22E-03	0.00E+00
9.94E+00	5.72E+00	-2.57E-02	-1.34E-02	0.00E+00
9.96E+00	5.63E+00	-8.68E-02	-1.22E-02	0.00E+00
9.98E+00	5.64E+00	1.43E-01	-1.71E-02	0.00E+00
1.00E+01	5.79E+00	3.55E-02	-2.81E-02	0.00E+00
1.00E+01	5.73E+00	-8.68E-02	-2.93E-02	0.00E+00
1.00E+01	5.62E+00	-1.48E-01	-1.71E-02	0.00E+00
1.01E+01	5.71E+00	-1.48E-01	-7.32E-03	0.00E+00
1.01E+01	5.67E+00	6.61E-02	-7.32E-03	0.00E+00
1.01E+01	5.72E+00	-2.57E-02	-1.10E-02	0.00E+00
1.01E+01	5.68E+00	-2.57E-02	-1.59E-02	0.00E+00
1.01E+01	5.49E+00	4.89E-03	-6.10E-03	0.00E+00
1.02E+01	5.66E+00	2.80E-01	-2.44E-02	0.00E+00

1.02E+01	5.50E+00	3.55E-02	-1.34E-02	0.00E+00
1.02E+01	5.62E+00	1.43E-01	-1.46E-02	0.00E+00
1.02E+01	5.60E+00	-4.10E-02	-1.83E-02	0.00E+00
1.02E+01	5.75E+00	-1.17E-01	-1.46E-02	0.00E+00
1.03E+01	5.65E+00	-1.04E-02	-1.46E-02	0.00E+00
1.03E+01	5.73E+00	3.55E-02	-2.56E-02	0.00E+00
1.03E+01	5.66E+00	-1.63E-01	9.77E-03	0.00E+00
1.03E+01	5.61E+00	-5.63E-02	-1.10E-02	0.00E+00
1.03E+01	5.71E+00	8.13E-02	-2.44E-02	0.00E+00
1.04E+01	5.80E+00	-1.17E-01	-3.17E-02	0.00E+00
1.04E+01	5.67E+00	8.13E-02	-2.08E-02	0.00E+00
1.04E+01	5.78E+00	-5.63E-02	-2.81E-02	0.00E+00
1.04E+01	5.68E+00	-1.48E-01	-1.10E-02	0.00E+00
1.04E+01	5.68E+00	4.89E-03	-3.54E-02	0.00E+00
1.05E+01	5.66E+00	-2.57E-02	-2.69E-02	0.00E+00
1.05E+01	5.64E+00	-2.24E-01	-2.93E-02	0.00E+00
1.05E+01	5.71E+00	-1.17E-01	-1.46E-02	0.00E+00
1.05E+01	5.66E+00	2.02E-02	-7.32E-03	0.00E+00
1.05E+01	5.51E+00	2.19E-01	-9.77E-03	0.00E+00
1.06E+01	5.54E+00	-2.57E-02	-2.44E-02	0.00E+00
1.06E+01	5.62E+00	-5.63E-02	-9.77E-03	0.00E+00
1.06E+01	5.65E+00	5.08E-02	-1.46E-02	0.00E+00
1.06E+01	5.75E+00	-1.17E-01	-4.15E-02	0.00E+00
1.06E+01	5.62E+00	-2.40E-01	-1.46E-02	0.00E+00
1.07E+01	5.57E+00	-1.17E-01	-1.95E-02	0.00E+00
1.07E+01	5.66E+00	1.58E-01	-9.77E-03	0.00E+00
1.07E+01	5.67E+00	-8.68E-02	-2.69E-02	0.00E+00
1.07E+01	5.72E+00	-1.79E-01	-1.46E-02	0.00E+00
1.07E+01	5.68E+00	-1.79E-01	-1.95E-02	0.00E+00
1.08E+01	5.79E+00	-2.57E-02	-1.95E-02	0.00E+00
1.08E+01	5.61E+00	-1.17E-01	-2.20E-02	0.00E+00
1.08E+01	5.72E+00	-2.57E-02	-1.71E-02	0.00E+00
1.08E+01	5.67E+00	9.66E-02	-2.20E-02	0.00E+00
1.08E+01	5.54E+00	-5.63E-02	-1.71E-02	0.00E+00
1.09E+01	5.59E+00	-7.16E-02	-7.32E-03	0.00E+00
1.09E+01	5.66E+00	6.61E-02	-2.81E-02	0.00E+00
1.09E+01	5.68E+00	-8.68E-02	-1.95E-02	0.00E+00
1.09E+01	5.65E+00	-5.63E-02	-3.91E-02	0.00E+00
1.09E+01	5.62E+00	-2.57E-02	-1.34E-02	0.00E+00
1.10E+01	5.65E+00	-7.16E-02	-3.42E-02	0.00E+00
1.10E+01	5.52E+00	-3.93E-01	-1.71E-02	0.00E+00
1.10E+01	5.69E+00	-8.68E-02	-2.20E-02	0.00E+00
1.10E+01	5.60E+00	-1.02E-01	-9.77E-03	0.00E+00
1.10E+01	5.67E+00	3.55E-02	-1.95E-02	0.00E+00
1.11E+01	5.63E+00	-1.79E-01	-1.46E-02	0.00E+00
1.11E+01	5.66E+00	5.08E-02	-1.22E-02	0.00E+00
1.11E+01	5.69E+00	6.61E-02	-4.15E-02	0.00E+00

1.11E+01	5.65E+00	-5.63E-02	-1.34E-02	0.00E+00
1.11E+01	5.66E+00	-1.02E-01	-1.46E-02	0.00E+00
1.12E+01	5.67E+00	-1.48E-01	-1.71E-02	0.00E+00
1.12E+01	5.65E+00	1.58E-01	-3.42E-02	0.00E+00
1.12E+01	5.65E+00	3.55E-02	-9.77E-03	0.00E+00
1.12E+01	5.66E+00	3.55E-02	-1.71E-02	0.00E+00
1.12E+01	5.63E+00	-8.68E-02	-1.22E-03	0.00E+00
1.13E+01	5.63E+00	3.55E-02	-2.56E-02	0.00E+00
1.13E+01	5.86E+00	4.89E-03	-2.69E-02	0.00E+00
1.13E+01	5.57E+00	1.27E-01	-1.34E-02	0.00E+00
1.13E+01	5.71E+00	-5.63E-02	-9.77E-03	0.00E+00
1.13E+01	5.73E+00	2.02E-02	-2.69E-02	0.00E+00
1.14E+01	5.65E+00	1.58E-01	-1.71E-02	0.00E+00
1.14E+01	5.69E+00	-7.16E-02	-3.17E-02	0.00E+00
1.14E+01	5.71E+00	-2.40E-01	-2.44E-02	0.00E+00
1.14E+01	5.57E+00	-2.09E-01	-1.83E-02	0.00E+00
1.14E+01	5.62E+00	-5.63E-02	-1.10E-02	0.00E+00
1.15E+01	5.63E+00	-1.63E-01	-2.56E-02	0.00E+00
1.15E+01	5.67E+00	1.27E-01	-1.71E-02	0.00E+00
1.15E+01	5.76E+00	-7.16E-02	-1.71E-02	0.00E+00
1.15E+01	5.73E+00	-1.17E-01	-1.46E-02	0.00E+00
1.15E+01	5.72E+00	-1.79E-01	-9.77E-03	0.00E+00
1.16E+01	5.60E+00	3.55E-02	-2.69E-02	0.00E+00
1.16E+01	5.67E+00	-1.48E-01	-1.71E-02	0.00E+00
1.16E+01	5.69E+00	-1.02E-01	-2.81E-02	0.00E+00
1.16E+01	5.68E+00	1.88E-01	0.00E+00	0.00E+00
1.16E+01	5.75E+00	-5.63E-02	-2.44E-02	0.00E+00
1.17E+01	5.63E+00	-8.68E-02	-1.59E-02	0.00E+00
1.17E+01	5.60E+00	-5.63E-02	-2.93E-02	0.00E+00
1.17E+01	5.66E+00	6.61E-02	-1.95E-02	0.00E+00
1.17E+01	5.66E+00	-8.68E-02	-9.77E-03	0.00E+00
1.17E+01	5.74E+00	1.88E-01	-2.69E-02	0.00E+00
1.18E+01	5.66E+00	-1.17E-01	-1.71E-02	0.00E+00
1.18E+01	5.62E+00	-2.57E-02	-1.34E-02	0.00E+00
1.18E+01	5.67E+00	-1.79E-01	-1.95E-02	0.00E+00
1.18E+01	5.67E+00	-1.02E-01	-2.69E-02	0.00E+00
1.18E+01	5.61E+00	3.55E-02	1.46E-02	0.00E+00
1.19E+01	5.62E+00	5.08E-02	-2.44E-02	0.00E+00
1.19E+01	5.66E+00	-2.09E-01	-1.71E-02	0.00E+00
1.19E+01	5.69E+00	-7.16E-02	-2.44E-03	0.00E+00
1.19E+01	5.66E+00	-1.04E-02	-1.71E-02	0.00E+00
1.19E+01	5.61E+00	4.89E-03	-1.46E-02	0.00E+00
1.20E+01	5.74E+00	9.66E-02	-2.32E-02	0.00E+00
1.20E+01	5.61E+00	-8.68E-02	-3.05E-02	0.00E+00
1.20E+01	5.63E+00	-8.68E-02	-2.20E-02	0.00E+00
1.20E+01	5.69E+00	2.02E-02	-1.46E-02	0.00E+00
1.20E+01	5.69E+00	-1.17E-01	-1.71E-02	0.00E+00

1.21E+01	5.61E+00	-1.33E-01	7.32E-03	0.00E+00
1.21E+01	5.69E+00	1.12E-01	-2.20E-02	0.00E+00
1.21E+01	5.68E+00	3.55E-02	-1.95E-02	0.00E+00
1.21E+01	5.52E+00	2.02E-02	-2.69E-02	0.00E+00
1.21E+01	5.71E+00	3.55E-02	-2.44E-02	0.00E+00
1.22E+01	5.63E+00	4.89E-03	-9.77E-03	0.00E+00
1.22E+01	5.66E+00	5.08E-02	-1.34E-02	0.00E+00
1.22E+01	5.62E+00	6.61E-02	-2.56E-02	0.00E+00
1.22E+01	5.68E+00	-8.68E-02	-1.46E-02	0.00E+00
1.22E+01	5.66E+00	-2.57E-02	-1.59E-02	0.00E+00
1.23E+01	5.69E+00	-2.57E-02	-1.83E-02	0.00E+00
1.23E+01	5.58E+00	6.61E-02	1.95E-02	0.00E+00
1.23E+01	5.68E+00	-2.57E-02	-1.71E-02	0.00E+00
1.23E+01	5.69E+00	-8.68E-02	-2.20E-02	0.00E+00
1.23E+01	5.70E+00	2.02E-02	-1.46E-02	0.00E+00
1.24E+01	5.67E+00	1.27E-01	-1.71E-02	0.00E+00
1.24E+01	5.61E+00	-1.17E-01	-2.20E-02	0.00E+00
1.24E+01	5.69E+00	2.04E-01	-1.71E-02	0.00E+00
1.24E+01	5.89E+00	-1.94E-01	-2.56E-02	0.00E+00
1.24E+01	5.62E+00	-2.57E-02	-1.22E-02	0.00E+00
1.25E+01	5.66E+00	-1.33E-01	-2.20E-02	0.00E+00
1.25E+01	5.78E+00	-1.48E-01	-3.30E-02	0.00E+00
1.25E+01	5.62E+00	-4.10E-02	-1.71E-02	0.00E+00
1.25E+01	5.72E+00	-5.63E-02	-2.93E-02	0.00E+00
1.25E+01	5.62E+00	9.66E-02	-9.77E-03	0.00E+00
1.26E+01	5.68E+00	-1.48E-01	9.77E-03	0.00E+00
1.26E+01	5.68E+00	-8.68E-02	-1.71E-02	0.00E+00
1.26E+01	5.63E+00	4.89E-03	7.32E-03	0.00E+00
1.26E+01	5.80E+00	-1.94E-01	-1.95E-02	0.00E+00
1.26E+01	5.62E+00	-5.63E-02	-6.10E-03	0.00E+00
1.27E+01	5.69E+00	-2.57E-02	-1.95E-02	0.00E+00
1.27E+01	5.63E+00	-1.79E-01	-1.34E-02	0.00E+00
1.27E+01	5.60E+00	-5.63E-02	-2.44E-02	0.00E+00
1.27E+01	5.69E+00	-1.79E-01	-1.95E-02	0.00E+00
1.27E+01	5.67E+00	-8.68E-02	-2.08E-02	0.00E+00
1.28E+01	5.63E+00	-1.63E-01	-1.46E-02	0.00E+00
1.28E+01	5.67E+00	-1.02E-01	-4.15E-02	0.00E+00
1.28E+01	5.57E+00	3.55E-02	-4.88E-03	0.00E+00
1.28E+01	5.68E+00	4.89E-03	-2.93E-02	0.00E+00
1.28E+01	5.65E+00	2.50E-01	-1.46E-02	0.00E+00
1.29E+01	5.63E+00	-2.57E-02	-3.66E-03	0.00E+00
1.29E+01	5.71E+00	6.61E-02	-1.95E-02	0.00E+00
1.29E+01	5.64E+00	-8.68E-02	-1.10E-02	0.00E+00
1.29E+01	5.79E+00	-2.57E-02	-7.32E-03	0.00E+00
1.29E+01	5.67E+00	-8.68E-02	-1.71E-02	0.00E+00
1.30E+01	5.56E+00	-1.17E-01	-1.22E-03	0.00E+00
1.30E+01	5.61E+00	8.13E-02	-1.46E-02	0.00E+00

1.30E+01	5.67E+00	2.02E-02	-1.59E-02	0.00E+00
1.30E+01	5.71E+00	-4.10E-02	-2.20E-02	0.00E+00
1.30E+01	5.66E+00	1.73E-01	-9.77E-03	0.00E+00
1.31E+01	5.67E+00	-2.09E-01	-4.88E-03	0.00E+00
1.31E+01	5.61E+00	3.55E-02	-9.77E-03	0.00E+00
1.31E+01	5.68E+00	-1.04E-02	-2.08E-02	0.00E+00
1.31E+01	5.64E+00	3.55E-02	-1.71E-02	0.00E+00
1.31E+01	5.66E+00	-8.68E-02	-4.88E-03	0.00E+00
1.32E+01	5.67E+00	4.89E-03	-1.34E-02	0.00E+00
1.32E+01	5.66E+00	-5.63E-02	-1.46E-02	0.00E+00
1.32E+01	5.68E+00	3.87E-01	-1.95E-02	0.00E+00
1.32E+01	5.66E+00	-1.79E-01	-1.95E-02	0.00E+00
1.32E+01	5.65E+00	-1.04E-02	-2.08E-02	0.00E+00
1.33E+01	5.66E+00	4.89E-03	0.00E+00	0.00E+00
1.33E+01	5.51E+00	6.61E-02	-1.46E-02	0.00E+00
1.33E+01	5.62E+00	4.89E-03	-1.34E-02	0.00E+00
1.33E+01	5.71E+00	3.55E-02	-2.32E-02	0.00E+00
1.33E+01	5.62E+00	-2.40E-01	-9.77E-03	0.00E+00
1.34E+01	5.52E+00	5.08E-02	-2.20E-02	0.00E+00
1.34E+01	5.62E+00	-1.02E-01	-1.22E-02	0.00E+00
1.34E+01	5.71E+00	8.13E-02	-2.44E-02	0.00E+00
1.34E+01	5.68E+00	6.61E-02	-2.44E-02	0.00E+00
1.34E+01	5.68E+00	-2.57E-02	-3.05E-02	0.00E+00
1.35E+01	5.66E+00	-5.63E-02	-2.20E-02	0.00E+00
1.35E+01	5.62E+00	-1.17E-01	-1.34E-02	0.00E+00
1.35E+01	5.78E+00	-1.94E-01	-1.10E-02	0.00E+00
1.35E+01	5.65E+00	3.55E-02	-2.69E-02	0.00E+00
1.35E+01	5.63E+00	-2.09E-01	-1.71E-02	0.00E+00
1.36E+01	5.65E+00	-1.79E-01	-1.71E-02	0.00E+00
1.36E+01	5.65E+00	-5.63E-02	-1.22E-03	0.00E+00
1.36E+01	5.60E+00	1.58E-01	-2.08E-02	0.00E+00
1.36E+01	5.75E+00	-5.63E-02	-2.93E-02	0.00E+00
1.36E+01	5.62E+00	-3.01E-01	-1.71E-02	0.00E+00
1.37E+01	5.69E+00	-5.63E-02	-2.69E-02	0.00E+00
1.37E+01	5.67E+00	-7.16E-02	-1.83E-02	0.00E+00
1.37E+01	5.65E+00	-1.17E-01	-1.95E-02	0.00E+00
1.37E+01	5.76E+00	3.55E-02	-2.69E-02	0.00E+00
1.37E+01	5.50E+00	-7.16E-02	-1.71E-02	0.00E+00
1.38E+01	5.67E+00	-5.63E-02	-9.77E-03	0.00E+00
1.38E+01	5.66E+00	-2.57E-02	-1.46E-02	0.00E+00
1.38E+01	5.56E+00	-8.68E-02	-1.46E-02	0.00E+00
1.38E+01	5.67E+00	4.89E-03	-3.91E-02	0.00E+00
1.38E+01	5.75E+00	4.89E-03	-1.71E-02	0.00E+00
1.39E+01	5.65E+00	6.61E-02	-1.71E-02	0.00E+00
1.39E+01	5.59E+00	-2.57E-02	-2.93E-02	0.00E+00
1.39E+01	5.62E+00	2.04E-01	-2.20E-02	0.00E+00
1.39E+01	5.63E+00	-5.63E-02	-2.44E-03	0.00E+00

1.39E+01	5.66E+00	-1.79E-01	-2.20E-02	0.00E+00
1.40E+01	5.57E+00	-8.68E-02	-3.05E-02	0.00E+00
1.40E+01	5.57E+00	-1.04E-02	-1.46E-02	0.00E+00
1.40E+01	5.67E+00	5.08E-02	-1.46E-02	0.00E+00

Current File O:\Projects\914220~1\ODYSSE~1\processed_data\Ody1125A.csv

Original File C:\Data\9142OdysseyLiftGate\Ody1125.dx3

File descrip 9142 2005 Honda Odyssey LiftGate liftgate - Esser

Project ID: Project ID

File ID: ORIGINAL

Test Date: #####

Test Time: 45:08.0

Current Da #####

Current Tin 8:36:18

Number of 4

Number of 992

Independe 0.02

Independe -4.44

Independe Sec

Time	Angle	Force	LiftgateMo	StrutCal	Displacement
Sec	Degrees	lbs	volts	inches	
-4.44E+00	7.48E+01	-1.48E-01	-1.95E-02	0.00E+00	
-4.42E+00	7.46E+01	-8.68E-02	-9.77E-03	0.00E+00	
-4.40E+00	7.47E+01	-8.68E-02	-1.22E-02	0.00E+00	
-4.38E+00	7.48E+01	6.61E-02	-9.77E-03	0.00E+00	
-4.36E+00	7.48E+01	4.89E-03	-4.88E-03	0.00E+00	
-4.34E+00	7.48E+01	-5.63E-02	-7.32E-03	0.00E+00	
-4.32E+00	7.48E+01	5.08E-02	-1.34E-02	0.00E+00	
-4.30E+00	7.47E+01	4.89E-03	-3.17E-02	0.00E+00	
-4.28E+00	7.48E+01	4.89E-03	-2.44E-02	0.00E+00	
-4.26E+00	7.48E+01	4.89E-03	-1.95E-02	0.00E+00	
-4.24E+00	7.46E+01	-2.09E-01	-1.95E-02	0.00E+00	
-4.22E+00	7.47E+01	1.58E-01	-1.46E-02	0.00E+00	
-4.20E+00	7.47E+01	8.13E-02	-9.77E-03	0.00E+00	
-4.18E+00	7.47E+01	-2.57E-02	7.32E-03	0.00E+00	
-4.16E+00	7.47E+01	1.27E-01	-1.95E-02	0.00E+00	
-4.14E+00	7.48E+01	6.61E-02	-1.95E-02	0.00E+00	
-4.12E+00	7.48E+01	-8.68E-02	-1.34E-02	0.00E+00	
-4.10E+00	7.48E+01	4.89E-03	-1.22E-02	0.00E+00	
-4.08E+00	7.47E+01	-2.09E-01	-1.71E-02	0.00E+00	
-4.06E+00	7.48E+01	4.89E-03	-9.77E-03	0.00E+00	
-4.04E+00	7.49E+01	-5.63E-02	-7.32E-03	0.00E+00	
-4.02E+00	7.47E+01	-2.70E-01	-1.71E-02	0.00E+00	
-4.00E+00	7.47E+01	3.55E-02	1.46E-02	0.00E+00	
-3.98E+00	7.48E+01	1.73E-01	-1.10E-02	0.00E+00	
-3.96E+00	7.48E+01	-8.68E-02	-1.95E-02	0.00E+00	
-3.94E+00	7.46E+01	-1.63E-01	-1.95E-02	0.00E+00	
-3.92E+00	7.47E+01	-2.57E-02	-7.32E-03	0.00E+00	
-3.90E+00	7.48E+01	-1.79E-01	-2.20E-02	0.00E+00	
-3.88E+00	7.48E+01	5.08E-02	-1.46E-02	0.00E+00	
-3.86E+00	7.48E+01	-2.57E-02	-2.44E-02	0.00E+00	
-3.84E+00	7.48E+01	1.58E-01	-1.59E-02	0.00E+00	

-3.82E+00	7.47E+01	4.89E-03	-9.77E-03	0.00E+00
-3.80E+00	7.47E+01	-5.63E-02	-1.10E-02	0.00E+00
-3.78E+00	7.48E+01	3.55E-02	-1.95E-02	0.00E+00
-3.76E+00	7.49E+01	-2.57E-02	-1.95E-02	0.00E+00
-3.74E+00	7.47E+01	-4.10E-02	-3.17E-02	0.00E+00
-3.72E+00	7.47E+01	2.80E-01	-9.77E-03	0.00E+00
-3.70E+00	7.48E+01	6.61E-02	-3.30E-02	0.00E+00
-3.68E+00	7.48E+01	8.13E-02	-2.93E-02	0.00E+00
-3.66E+00	7.48E+01	-2.57E-02	-2.44E-02	0.00E+00
-3.64E+00	7.47E+01	3.55E-02	-1.46E-02	0.00E+00
-3.62E+00	7.47E+01	9.66E-02	-1.22E-02	0.00E+00
-3.60E+00	7.48E+01	-2.70E-01	-2.44E-02	0.00E+00
-3.58E+00	7.47E+01	-2.09E-01	-1.95E-02	0.00E+00
-3.56E+00	7.46E+01	-1.79E-01	-1.71E-02	0.00E+00
-3.54E+00	7.47E+01	-2.70E-01	-1.95E-02	0.00E+00
-3.52E+00	7.48E+01	-1.33E-01	-2.69E-02	0.00E+00
-3.50E+00	7.48E+01	-1.17E-01	-1.22E-03	0.00E+00
-3.48E+00	7.47E+01	-2.57E-02	-1.46E-02	0.00E+00
-3.46E+00	7.47E+01	-1.04E-02	-1.83E-02	0.00E+00
-3.44E+00	7.47E+01	-1.17E-01	-7.32E-03	0.00E+00
-3.42E+00	7.47E+01	5.08E-02	-9.77E-03	0.00E+00
-3.40E+00	7.48E+01	-5.63E-02	-9.77E-03	0.00E+00
-3.38E+00	7.47E+01	3.55E-02	-2.44E-02	0.00E+00
-3.36E+00	7.49E+01	-2.57E-02	-2.20E-02	0.00E+00
-3.34E+00	7.48E+01	-2.40E-01	-3.91E-02	0.00E+00
-3.32E+00	7.48E+01	-2.57E-02	-1.22E-02	0.00E+00
-3.30E+00	7.48E+01	4.89E-03	-1.46E-02	0.00E+00
-3.28E+00	7.48E+01	-2.57E-02	-2.20E-02	0.00E+00
-3.26E+00	7.46E+01	-2.70E-01	-2.32E-02	0.00E+00
-3.24E+00	7.47E+01	1.43E-01	-7.32E-03	0.00E+00
-3.22E+00	7.48E+01	3.55E-02	-1.71E-02	0.00E+00
-3.20E+00	7.48E+01	-2.57E-02	-1.46E-02	0.00E+00
-3.18E+00	7.48E+01	1.43E-01	-7.32E-03	0.00E+00
-3.16E+00	7.47E+01	-1.48E-01	-3.05E-02	0.00E+00
-3.14E+00	7.47E+01	-5.63E-02	-2.32E-02	0.00E+00
-3.12E+00	7.48E+01	-8.68E-02	-9.77E-03	0.00E+00
-3.10E+00	7.48E+01	-1.17E-01	-1.71E-02	0.00E+00
-3.08E+00	7.48E+01	-5.63E-02	-2.44E-02	0.00E+00
-3.06E+00	7.47E+01	6.61E-02	-4.88E-03	0.00E+00
-3.04E+00	7.49E+01	6.61E-02	-1.46E-02	0.00E+00
-3.02E+00	7.48E+01	-1.04E-02	-1.95E-02	0.00E+00
-3.00E+00	7.48E+01	2.19E-01	-1.22E-02	0.00E+00
-2.98E+00	7.47E+01	3.55E-02	-1.95E-02	0.00E+00
-2.96E+00	7.47E+01	1.43E-01	-7.32E-03	0.00E+00
-2.94E+00	7.48E+01	2.50E-01	-1.95E-02	0.00E+00
-2.92E+00	7.48E+01	4.89E-03	-6.10E-03	0.00E+00
-2.90E+00	7.48E+01	-2.57E-02	-3.05E-02	0.00E+00

-2.88E+00	7.47E+01	-1.17E-01	-1.46E-02	0.00E+00
-2.86E+00	7.49E+01	-2.57E-02	-1.95E-02	0.00E+00
-2.84E+00	7.48E+01	3.55E-02	-1.46E-02	0.00E+00
-2.82E+00	7.47E+01	-1.48E-01	-1.71E-02	0.00E+00
-2.80E+00	7.47E+01	-1.17E-01	-1.46E-02	0.00E+00
-2.78E+00	7.48E+01	1.43E-01	-2.44E-02	0.00E+00
-2.76E+00	7.48E+01	-1.17E-01	-2.20E-02	0.00E+00
-2.74E+00	7.47E+01	4.89E-03	0.00E+00	0.00E+00
-2.72E+00	7.47E+01	-1.17E-01	-7.32E-03	0.00E+00
-2.70E+00	7.48E+01	-2.09E-01	-1.46E-02	0.00E+00
-2.68E+00	7.47E+01	-8.68E-02	-3.66E-02	0.00E+00
-2.66E+00	7.47E+01	-8.68E-02	-1.95E-02	0.00E+00
-2.64E+00	7.47E+01	4.89E-03	-1.46E-02	0.00E+00
-2.62E+00	7.47E+01	6.61E-02	-1.34E-02	0.00E+00
-2.60E+00	7.49E+01	-1.02E-01	-1.22E-02	0.00E+00
-2.58E+00	7.47E+01	-8.68E-02	-9.77E-03	0.00E+00
-2.56E+00	7.48E+01	9.66E-02	0.00E+00	0.00E+00
-2.54E+00	7.48E+01	9.66E-02	-7.32E-03	0.00E+00
-2.52E+00	7.48E+01	-1.94E-01	-4.88E-02	0.00E+00
-2.50E+00	7.48E+01	-5.63E-02	-7.32E-03	0.00E+00
-2.48E+00	7.48E+01	5.08E-02	-1.22E-02	0.00E+00
-2.46E+00	7.47E+01	-5.63E-02	-3.17E-02	0.00E+00
-2.44E+00	7.47E+01	4.89E-03	-9.77E-03	0.00E+00
-2.42E+00	7.47E+01	4.89E-03	-1.95E-02	0.00E+00
-2.40E+00	7.46E+01	-2.57E-02	-9.77E-03	0.00E+00
-2.38E+00	7.47E+01	8.13E-02	-4.88E-03	0.00E+00
-2.36E+00	7.48E+01	3.55E-02	-2.32E-02	0.00E+00
-2.34E+00	7.50E+01	1.58E-01	-2.93E-02	0.00E+00
-2.32E+00	7.47E+01	-2.09E-01	-1.95E-02	0.00E+00
-2.30E+00	7.47E+01	-1.48E-01	-1.46E-02	0.00E+00
-2.28E+00	7.46E+01	-2.57E-02	-3.17E-02	0.00E+00
-2.26E+00	7.48E+01	4.89E-03	-2.20E-02	0.00E+00
-2.24E+00	7.48E+01	4.89E-03	-4.39E-02	0.00E+00
-2.22E+00	7.48E+01	-2.57E-02	-2.93E-02	0.00E+00
-2.20E+00	7.48E+01	2.34E-01	-1.71E-02	0.00E+00
-2.18E+00	7.48E+01	9.66E-02	-1.46E-02	0.00E+00
-2.16E+00	7.48E+01	-5.63E-02	-2.32E-02	0.00E+00
-2.14E+00	7.47E+01	-3.01E-01	-1.95E-02	0.00E+00
-2.12E+00	7.46E+01	-1.48E-01	-1.22E-02	0.00E+00
-2.10E+00	7.47E+01	-7.16E-02	-2.93E-02	0.00E+00
-2.08E+00	7.48E+01	1.12E-01	-1.95E-02	0.00E+00
-2.06E+00	7.46E+01	-1.48E-01	-2.20E-02	0.00E+00
-2.04E+00	7.48E+01	-2.55E-01	-1.95E-02	0.00E+00
-2.02E+00	7.47E+01	-1.48E-01	-1.46E-02	0.00E+00
-2.00E+00	7.49E+01	-1.17E-01	-2.93E-02	0.00E+00
-1.98E+00	7.47E+01	-4.54E-01	-2.08E-02	0.00E+00
-1.96E+00	7.47E+01	-5.63E-02	-1.22E-02	0.00E+00

-1.94E+00	7.47E+01	3.55E-02	-3.66E-03	0.00E+00
-1.92E+00	7.48E+01	2.19E-01	-1.46E-02	0.00E+00
-1.90E+00	7.48E+01	-8.68E-02	0.00E+00	0.00E+00
-1.88E+00	7.48E+01	-1.33E-01	-2.20E-02	0.00E+00
-1.86E+00	7.48E+01	-7.16E-02	-1.22E-02	0.00E+00
-1.84E+00	7.46E+01	-5.63E-02	-9.77E-03	0.00E+00
-1.82E+00	7.47E+01	4.89E-03	-2.44E-02	0.00E+00
-1.80E+00	7.47E+01	-2.57E-02	-8.54E-03	0.00E+00
-1.78E+00	7.47E+01	-1.48E-01	-2.44E-02	0.00E+00
-1.76E+00	7.46E+01	-1.94E-01	-9.77E-03	0.00E+00
-1.74E+00	7.48E+01	1.58E-01	-1.46E-02	0.00E+00
-1.72E+00	7.49E+01	5.08E-02	-2.93E-02	0.00E+00
-1.70E+00	7.47E+01	-8.68E-02	-2.20E-02	0.00E+00
-1.68E+00	7.48E+01	6.61E-02	-4.15E-02	0.00E+00
-1.66E+00	7.47E+01	5.08E-02	-1.46E-02	0.00E+00
-1.64E+00	7.48E+01	2.02E-02	-2.20E-02	0.00E+00
-1.62E+00	7.48E+01	-7.16E-02	-2.20E-02	0.00E+00
-1.60E+00	7.47E+01	3.55E-02	-7.32E-03	0.00E+00
-1.58E+00	7.47E+01	1.27E-01	-1.34E-02	0.00E+00
-1.56E+00	7.47E+01	-5.63E-02	-4.27E-02	0.00E+00
-1.54E+00	7.48E+01	-8.68E-02	-2.93E-02	0.00E+00
-1.52E+00	7.48E+01	-2.09E-01	-1.95E-02	0.00E+00
-1.50E+00	7.49E+01	9.66E-02	-9.77E-03	0.00E+00
-1.48E+00	7.48E+01	-1.63E-01	-1.59E-02	0.00E+00
-1.46E+00	7.50E+01	6.61E-02	-2.20E-02	0.00E+00
-1.44E+00	7.48E+01	-2.57E-02	-1.95E-02	0.00E+00
-1.42E+00	7.48E+01	2.50E-01	-2.44E-02	0.00E+00
-1.40E+00	7.48E+01	-5.63E-02	-2.56E-02	0.00E+00
-1.38E+00	7.48E+01	1.58E-01	-1.46E-02	0.00E+00
-1.36E+00	7.48E+01	-1.79E-01	-2.44E-02	0.00E+00
-1.34E+00	7.48E+01	-8.68E-02	-7.32E-03	0.00E+00
-1.32E+00	7.47E+01	-1.94E-01	-2.69E-02	0.00E+00
-1.30E+00	7.48E+01	2.50E-01	-1.10E-02	0.00E+00
-1.28E+00	7.48E+01	3.55E-02	-1.22E-02	0.00E+00
-1.26E+00	7.48E+01	-2.09E-01	-1.95E-02	0.00E+00
-1.24E+00	7.48E+01	-1.02E-01	-1.59E-02	0.00E+00
-1.22E+00	7.48E+01	-8.68E-02	-2.20E-02	0.00E+00
-1.20E+00	7.47E+01	-1.33E-01	-1.22E-02	0.00E+00
-1.18E+00	7.47E+01	-1.48E-01	-3.91E-02	0.00E+00
-1.16E+00	7.48E+01	-1.48E-01	-2.32E-02	0.00E+00
-1.14E+00	7.47E+01	-8.68E-02	-1.10E-02	0.00E+00
-1.12E+00	7.48E+01	1.12E-01	-1.46E-02	0.00E+00
-1.10E+00	7.47E+01	-4.10E-02	-9.77E-03	0.00E+00
-1.08E+00	7.47E+01	-1.33E-01	-1.59E-02	0.00E+00
-1.06E+00	7.47E+01	-2.57E-02	-9.77E-03	0.00E+00
-1.04E+00	7.47E+01	-1.04E-02	-1.22E-02	0.00E+00
-1.02E+00	7.48E+01	3.55E-02	-1.22E-02	0.00E+00

-1.00E+00	7.47E+01	2.19E-01	-1.95E-02	0.00E+00
-9.80E-01	7.48E+01	-8.68E-02	-1.83E-02	0.00E+00
-9.60E-01	7.47E+01	-2.57E-02	-3.17E-02	0.00E+00
-9.40E-01	7.48E+01	3.55E-02	-1.95E-02	0.00E+00
-9.20E-01	7.48E+01	6.61E-02	-1.95E-02	0.00E+00
-9.00E-01	7.47E+01	-1.04E-02	-1.95E-02	0.00E+00
-8.80E-01	7.48E+01	1.27E-01	-1.71E-02	0.00E+00
-8.60E-01	7.48E+01	6.61E-02	0.00E+00	0.00E+00
-8.40E-01	7.49E+01	8.13E-02	-1.95E-02	0.00E+00
-8.20E-01	7.48E+01	-1.63E-01	-2.44E-02	0.00E+00
-8.00E-01	7.47E+01	-8.68E-02	-1.59E-02	0.00E+00
-7.80E-01	7.47E+01	-1.33E-01	-1.59E-02	0.00E+00
-7.60E-01	7.48E+01	9.66E-02	-1.46E-02	0.00E+00
-7.40E-01	7.48E+01	6.61E-02	-4.88E-02	0.00E+00
-7.20E-01	7.48E+01	-1.48E-01	-2.44E-02	0.00E+00
-7.00E-01	7.47E+01	-1.33E-01	-4.15E-02	0.00E+00
-6.80E-01	7.48E+01	-2.57E-02	-8.54E-03	0.00E+00
-6.60E-01	7.48E+01	-5.63E-02	-1.95E-02	0.00E+00
-6.40E-01	7.47E+01	-1.02E-01	-1.59E-02	0.00E+00
-6.20E-01	7.48E+01	4.89E-03	-1.46E-02	0.00E+00
-6.00E-01	7.49E+01	6.61E-02	-1.71E-02	0.00E+00
-5.80E-01	7.48E+01	4.89E-03	-8.54E-03	0.00E+00
-5.60E-01	7.48E+01	-1.63E-01	-2.20E-02	0.00E+00
-5.40E-01	7.47E+01	-8.68E-02	-1.71E-02	0.00E+00
-5.20E-01	7.48E+01	-5.63E-02	-1.71E-02	0.00E+00
-5.00E-01	7.47E+01	-1.48E-01	-1.95E-02	0.00E+00
-4.80E-01	7.48E+01	5.08E-02	-2.08E-02	0.00E+00
-4.60E-01	7.49E+01	-3.01E-01	-2.44E-02	0.00E+00
-4.40E-01	7.52E+01	-1.17E-01	-1.95E-02	0.00E+00
-4.20E-01	7.49E+01	-5.63E-02	-2.69E-02	0.00E+00
-4.00E-01	7.47E+01	-1.17E-01	-1.46E-02	0.00E+00
-3.80E-01	7.49E+01	4.89E-03	-2.69E-02	0.00E+00
-3.60E-01	7.47E+01	6.61E-02	-2.69E-02	0.00E+00
-3.40E-01	7.48E+01	-4.10E-02	-3.42E-02	0.00E+00
-3.20E-01	7.47E+01	-4.84E-01	-1.46E-02	0.00E+00
-3.00E-01	7.47E+01	1.27E-01	-7.32E-03	0.00E+00
-2.80E-01	7.48E+01	4.89E-03	-3.42E-02	0.00E+00
-2.60E-01	7.48E+01	-1.17E-01	-2.56E-02	0.00E+00
-2.40E-01	7.47E+01	-2.09E-01	-3.30E-02	0.00E+00
-2.20E-01	7.47E+01	-5.63E-02	-1.83E-02	0.00E+00
-2.00E-01	7.47E+01	-7.16E-02	-1.46E-02	0.00E+00
-1.80E-01	7.47E+01	-5.63E-02	-4.15E-02	0.00E+00
-1.60E-01	7.47E+01	-8.68E-02	-1.46E-02	0.00E+00
-1.40E-01	7.47E+01	-3.01E-01	1.22E-02	0.00E+00
-1.20E-01	7.47E+01	-8.68E-02	2.44E-03	0.00E+00
-1.00E-01	7.47E+01	1.58E-01	-1.34E-02	0.00E+00
-8.00E-02	7.47E+01	-4.10E-02	-4.39E-02	0.00E+00

-6.00E-02	7.47E+01	-1.02E-01	-2.69E-02	0.00E+00
-4.00E-02	7.47E+01	-1.17E-01	-4.88E-03	0.00E+00
-2.00E-02	7.44E+01	-8.68E-02	-2.69E-02	0.00E+00
0.00E+00	7.42E+01	-1.02E-01	-1.46E-02	0.00E+00
2.00E-02	7.42E+01	-1.04E-02	-1.71E-02	0.00E+00
4.00E-02	7.41E+01	-5.63E-02	-2.69E-02	0.00E+00
6.00E-02	7.42E+01	2.02E-02	-1.95E-02	0.00E+00
8.00E-02	7.41E+01	-2.40E-01	-1.22E-02	0.00E+00
1.00E-01	7.43E+01	-5.63E-02	-1.46E-02	0.00E+00
1.20E-01	7.39E+01	3.55E-02	-1.46E-02	0.00E+00
1.40E-01	7.36E+01	-8.68E-02	-2.44E-03	0.00E+00
1.60E-01	7.36E+01	6.61E-02	-1.95E-02	0.00E+00
1.80E-01	7.37E+01	-1.33E-01	-1.83E-02	0.00E+00
2.00E-01	7.36E+01	-2.57E-02	-9.77E-03	0.00E+00
2.20E-01	7.32E+01	8.13E-02	-7.32E-03	0.00E+00
2.40E-01	7.30E+01	4.89E-03	-1.71E-02	0.00E+00
2.60E-01	7.30E+01	6.61E-02	-2.81E-02	0.00E+00
2.80E-01	7.29E+01	-1.17E-01	-2.69E-02	0.00E+00
3.00E-01	7.25E+01	-7.16E-02	-1.34E-02	0.00E+00
3.20E-01	7.24E+01	-1.17E-01	-7.32E-03	0.00E+00
3.40E-01	7.24E+01	-1.02E-01	-1.83E-02	0.00E+00
3.60E-01	7.19E+01	-1.94E-01	-2.44E-02	0.00E+00
3.80E-01	7.19E+01	-1.79E-01	-2.20E-02	0.00E+00
4.00E-01	7.19E+01	-1.17E-01	-2.69E-02	0.00E+00
4.20E-01	7.14E+01	2.34E-01	-2.20E-02	0.00E+00
4.40E-01	7.13E+01	-8.68E-02	-1.22E-02	0.00E+00
4.60E-01	7.13E+01	-2.57E-02	-2.81E-02	0.00E+00
4.80E-01	7.10E+01	-1.02E-01	-2.20E-02	0.00E+00
5.00E-01	7.08E+01	-1.48E-01	-4.03E-02	0.00E+00
5.20E-01	7.06E+01	-5.63E-02	-1.34E-02	0.00E+00
5.40E-01	7.06E+01	9.66E-02	7.32E-03	0.00E+00
5.60E-01	7.06E+01	-5.63E-02	-2.20E-02	0.00E+00
5.80E-01	7.04E+01	1.27E-01	-1.95E-02	0.00E+00
6.00E-01	7.01E+01	-1.48E-01	2.44E-03	0.00E+00
6.20E-01	7.00E+01	6.61E-02	-1.22E-02	0.00E+00
6.40E-01	7.00E+01	-2.57E-02	-2.81E-02	0.00E+00
6.60E-01	6.95E+01	-1.79E-01	-1.95E-02	0.00E+00
6.80E-01	6.92E+01	-1.79E-01	-1.22E-02	0.00E+00
7.00E-01	6.94E+01	-2.57E-02	-4.88E-03	0.00E+00
7.20E-01	6.89E+01	3.55E-02	-8.54E-03	0.00E+00
7.40E-01	6.85E+01	-1.17E-01	-1.34E-02	0.00E+00
7.60E-01	6.88E+01	3.55E-02	-1.46E-02	0.00E+00
7.80E-01	6.83E+01	8.13E-02	-9.77E-03	0.00E+00
8.00E-01	6.78E+01	-8.68E-02	-1.22E-02	0.00E+00
8.20E-01	6.78E+01	-1.79E-01	-2.69E-02	0.00E+00
8.40E-01	6.78E+01	-1.63E-01	-9.77E-03	0.00E+00
8.60E-01	6.73E+01	-8.68E-02	-3.30E-02	0.00E+00

8.80E-01	6.73E+01	1.12E-01	-1.95E-02	0.00E+00
9.00E-01	6.73E+01	4.89E-03	-2.20E-02	0.00E+00
9.20E-01	6.66E+01	-4.10E-02	-1.46E-02	0.00E+00
9.40E-01	6.66E+01	6.61E-02	-1.22E-02	0.00E+00
9.60E-01	6.68E+01	6.61E-02	-2.20E-02	0.00E+00
9.80E-01	6.64E+01	-1.04E-02	-1.71E-02	0.00E+00
1.00E+00	6.61E+01	-5.63E-02	-2.20E-02	0.00E+00
1.02E+00	6.59E+01	-4.10E-02	-1.71E-02	0.00E+00
1.04E+00	6.57E+01	-1.63E-01	-9.77E-03	0.00E+00
1.06E+00	6.54E+01	-1.02E-01	-1.95E-02	0.00E+00
1.08E+00	6.55E+01	6.61E-02	-3.66E-02	0.00E+00
1.10E+00	6.53E+01	-1.63E-01	-3.30E-02	0.00E+00
1.12E+00	6.49E+01	2.02E-02	-2.69E-02	0.00E+00
1.14E+00	6.49E+01	-1.48E-01	-2.44E-02	0.00E+00
1.16E+00	6.49E+01	6.61E-02	-1.95E-02	0.00E+00
1.18E+00	6.42E+01	-1.33E-01	-1.95E-02	0.00E+00
1.20E+00	6.43E+01	4.89E-03	-2.44E-02	0.00E+00
1.22E+00	6.43E+01	1.27E-01	-4.88E-03	0.00E+00
1.24E+00	6.38E+01	-7.16E-02	-9.77E-03	0.00E+00
1.26E+00	6.38E+01	1.12E-01	-1.59E-02	0.00E+00
1.28E+00	6.36E+01	-2.40E-01	-2.93E-02	0.00E+00
1.30E+00	6.31E+01	-8.68E-02	-1.46E-02	0.00E+00
1.32E+00	6.31E+01	-3.01E-01	-3.91E-02	0.00E+00
1.34E+00	6.30E+01	-7.16E-02	-7.32E-03	0.00E+00
1.36E+00	6.26E+01	-5.63E-02	-2.20E-02	0.00E+00
1.38E+00	6.26E+01	-7.16E-02	-1.71E-02	0.00E+00
1.40E+00	6.23E+01	-1.33E-01	-1.22E-03	0.00E+00
1.42E+00	6.19E+01	9.66E-02	-1.22E-02	0.00E+00
1.44E+00	6.20E+01	4.89E-03	-2.44E-03	0.00E+00
1.46E+00	6.18E+01	-1.48E-01	-2.93E-02	0.00E+00
1.48E+00	6.14E+01	-1.48E-01	-1.46E-02	0.00E+00
1.50E+00	6.14E+01	-1.48E-01	-1.71E-02	0.00E+00
1.52E+00	6.13E+01	-5.63E-02	-1.10E-02	0.00E+00
1.54E+00	6.10E+01	-1.04E-02	-3.54E-02	0.00E+00
1.56E+00	6.08E+01	-8.68E-02	-1.83E-02	0.00E+00
1.58E+00	6.06E+01	-8.68E-02	-1.46E-02	0.00E+00
1.60E+00	6.03E+01	-1.79E-01	-1.22E-02	0.00E+00
1.62E+00	6.03E+01	5.08E-02	-1.95E-02	0.00E+00
1.64E+00	6.01E+01	2.02E-02	-1.46E-02	0.00E+00
1.66E+00	5.97E+01	-1.17E-01	-1.71E-02	0.00E+00
1.68E+00	5.97E+01	-8.68E-02	-1.95E-02	0.00E+00
1.70E+00	5.92E+01	-2.70E-01	-2.20E-02	0.00E+00
1.72E+00	5.90E+01	-2.57E-02	-1.46E-02	0.00E+00
1.74E+00	5.92E+01	-1.04E-02	-1.95E-02	0.00E+00
1.76E+00	5.88E+01	-7.16E-02	-1.46E-02	0.00E+00
1.78E+00	5.85E+01	-4.23E-01	-1.22E-02	0.00E+00
1.80E+00	5.84E+01	-1.33E-01	-1.22E-02	0.00E+00

1.82E+00	5.82E+01	2.50E-01	-9.77E-03	0.00E+00
1.84E+00	5.80E+01	6.61E-02	-1.83E-02	0.00E+00
1.86E+00	5.80E+01	-8.68E-02	-1.95E-02	0.00E+00
1.88E+00	5.73E+01	1.58E-01	-7.32E-03	0.00E+00
1.90E+00	5.73E+01	-1.17E-01	-7.32E-03	0.00E+00
1.92E+00	5.74E+01	-2.40E-01	-9.77E-03	0.00E+00
1.94E+00	5.68E+01	2.02E-02	-1.95E-02	0.00E+00
1.96E+00	5.69E+01	-5.63E-02	-1.59E-02	0.00E+00
1.98E+00	5.65E+01	3.55E-02	-1.10E-02	0.00E+00
2.00E+00	5.62E+01	-1.17E-01	-4.88E-03	0.00E+00
2.02E+00	5.63E+01	-2.55E-01	-1.83E-02	0.00E+00
2.04E+00	5.59E+01	3.55E-02	-1.95E-02	0.00E+00
2.06E+00	5.57E+01	-2.57E-02	-4.15E-02	0.00E+00
2.08E+00	5.55E+01	-1.33E-01	-2.20E-02	0.00E+00
2.10E+00	5.50E+01	-1.79E-01	-8.54E-03	0.00E+00
2.12E+00	5.50E+01	-2.57E-02	-1.46E-02	0.00E+00
2.14E+00	5.47E+01	-2.40E-01	-1.59E-02	0.00E+00
2.16E+00	5.44E+01	3.55E-02	-1.46E-02	0.00E+00
2.18E+00	5.44E+01	-1.02E-01	-2.08E-02	0.00E+00
2.20E+00	5.41E+01	1.27E-01	-9.77E-03	0.00E+00
2.22E+00	5.37E+01	-4.10E-02	-1.46E-02	0.00E+00
2.24E+00	5.39E+01	-1.33E-01	-2.44E-02	0.00E+00
2.26E+00	5.33E+01	2.02E-02	7.32E-03	0.00E+00
2.28E+00	5.32E+01	-8.68E-02	-7.32E-03	0.00E+00
2.30E+00	5.29E+01	-2.40E-01	-3.66E-03	0.00E+00
2.32E+00	5.26E+01	-8.68E-02	-7.32E-03	0.00E+00
2.34E+00	5.27E+01	-1.04E-02	-2.44E-02	0.00E+00
2.36E+00	5.24E+01	-8.68E-02	-1.71E-02	0.00E+00
2.38E+00	5.20E+01	-8.68E-02	-2.44E-03	0.00E+00
2.40E+00	5.20E+01	2.02E-02	-9.77E-03	0.00E+00
2.42E+00	5.15E+01	-2.57E-02	2.44E-03	0.00E+00
2.44E+00	5.15E+01	-8.68E-02	-1.46E-02	0.00E+00
2.46E+00	5.13E+01	-2.57E-02	-9.77E-03	0.00E+00
2.48E+00	5.08E+01	4.89E-03	-2.44E-03	0.00E+00
2.50E+00	5.09E+01	9.66E-02	-9.77E-03	0.00E+00
2.52E+00	5.08E+01	-2.57E-02	-1.46E-02	0.00E+00
2.54E+00	5.03E+01	4.89E-03	-1.22E-02	0.00E+00
2.56E+00	5.03E+01	-7.16E-02	-9.77E-03	0.00E+00
2.58E+00	5.01E+01	-7.16E-02	-3.42E-02	0.00E+00
2.60E+00	4.98E+01	9.66E-02	-1.46E-02	0.00E+00
2.62E+00	4.99E+01	4.89E-03	-4.88E-03	0.00E+00
2.64E+00	4.92E+01	-1.63E-01	-1.46E-02	0.00E+00
2.66E+00	4.91E+01	-7.16E-02	-9.77E-03	0.00E+00
2.68E+00	4.89E+01	1.12E-01	-6.10E-03	0.00E+00
2.70E+00	4.86E+01	3.55E-02	-1.46E-02	0.00E+00
2.72E+00	4.86E+01	-2.57E-02	-2.08E-02	0.00E+00
2.74E+00	4.83E+01	-7.16E-02	-2.44E-02	0.00E+00

2.76E+00	4.80E+01	9.66E-02	-9.77E-03	0.00E+00
2.78E+00	4.81E+01	6.61E-02	-1.83E-02	0.00E+00
2.80E+00	4.74E+01	8.13E-02	-1.71E-02	0.00E+00
2.82E+00	4.73E+01	-5.63E-02	-1.22E-02	0.00E+00
2.84E+00	4.75E+01	-1.33E-01	-2.44E-02	0.00E+00
2.86E+00	4.68E+01	-1.48E-01	-1.10E-02	0.00E+00
2.88E+00	4.67E+01	-8.68E-02	-1.22E-03	0.00E+00
2.90E+00	4.66E+01	-1.79E-01	-8.54E-03	0.00E+00
2.92E+00	4.65E+01	-1.04E-02	-1.95E-02	0.00E+00
2.94E+00	4.62E+01	-2.57E-02	-2.08E-02	0.00E+00
2.96E+00	4.57E+01	1.88E-01	-1.71E-02	0.00E+00
2.98E+00	4.57E+01	2.02E-02	-1.95E-02	0.00E+00
3.00E+00	4.54E+01	2.04E-01	-1.46E-02	0.00E+00
3.02E+00	4.52E+01	-2.57E-02	-1.46E-02	0.00E+00
3.04E+00	4.50E+01	-2.57E-02	-6.10E-03	0.00E+00
3.06E+00	4.45E+01	-1.79E-01	-1.95E-02	0.00E+00
3.08E+00	4.46E+01	-1.04E-02	-2.32E-02	0.00E+00
3.10E+00	4.40E+01	9.66E-02	-2.20E-02	0.00E+00
3.12E+00	4.40E+01	4.89E-03	-2.44E-02	0.00E+00
3.14E+00	4.37E+01	4.89E-03	-2.69E-02	0.00E+00
3.16E+00	4.34E+01	2.50E-01	-2.08E-02	0.00E+00
3.18E+00	4.32E+01	-8.68E-02	-2.20E-02	0.00E+00
3.20E+00	4.29E+01	2.50E-01	-1.95E-02	0.00E+00
3.22E+00	4.29E+01	-1.48E-01	-1.71E-02	0.00E+00
3.24E+00	4.22E+01	-5.63E-02	-4.88E-03	0.00E+00
3.26E+00	4.23E+01	-2.57E-02	-2.20E-02	0.00E+00
3.28E+00	4.20E+01	-1.48E-01	-3.66E-02	0.00E+00
3.30E+00	4.18E+01	-1.04E-02	-2.20E-02	0.00E+00
3.32E+00	4.15E+01	3.55E-02	-2.44E-02	0.00E+00
3.34E+00	4.10E+01	-5.63E-02	-2.44E-02	0.00E+00
3.36E+00	4.11E+01	8.13E-02	-6.10E-03	0.00E+00
3.38E+00	4.06E+01	2.04E-01	-1.46E-02	0.00E+00
3.40E+00	4.06E+01	-3.16E-01	-2.93E-02	0.00E+00
3.42E+00	4.03E+01	9.66E-02	-1.95E-02	0.00E+00
3.44E+00	4.01E+01	-5.63E-02	-1.59E-02	0.00E+00
3.46E+00	3.98E+01	-3.16E-01	-9.77E-03	0.00E+00
3.48E+00	3.94E+01	9.66E-02	-3.66E-03	0.00E+00
3.50E+00	3.93E+01	4.89E-03	-1.95E-02	0.00E+00
3.52E+00	3.89E+01	4.89E-03	-2.20E-02	0.00E+00
3.54E+00	3.87E+01	4.89E-03	-1.22E-02	0.00E+00
3.56E+00	3.85E+01	-1.79E-01	-1.71E-02	0.00E+00
3.58E+00	3.83E+01	-8.68E-02	-1.46E-02	0.00E+00
3.60E+00	3.79E+01	1.43E-01	-2.69E-02	0.00E+00
3.62E+00	3.77E+01	-7.16E-02	-1.46E-02	0.00E+00
3.64E+00	3.74E+01	4.89E-03	-2.44E-03	0.00E+00
3.66E+00	3.72E+01	2.50E-01	-1.71E-02	0.00E+00
3.68E+00	3.71E+01	6.61E-02	-1.71E-02	0.00E+00

3.70E+00	3.67E+01	4.89E-03	-3.17E-02	0.00E+00
3.72E+00	3.65E+01	-2.09E-01	-2.20E-02	0.00E+00
3.74E+00	3.62E+01	-1.17E-01	-2.08E-02	0.00E+00
3.76E+00	3.59E+01	3.57E-01	-1.95E-02	0.00E+00
3.78E+00	3.59E+01	-5.63E-02	-1.83E-02	0.00E+00
3.80E+00	3.55E+01	2.80E-01	-1.95E-02	0.00E+00
3.82E+00	3.53E+01	4.89E-03	-1.95E-02	0.00E+00
3.84E+00	3.48E+01	-1.48E-01	-9.77E-03	0.00E+00
3.86E+00	3.47E+01	2.65E-01	-2.20E-02	0.00E+00
3.88E+00	3.46E+01	6.61E-02	-3.78E-02	0.00E+00
3.90E+00	3.41E+01	-3.01E-01	-2.20E-02	0.00E+00
3.92E+00	3.40E+01	-2.09E-01	-2.44E-02	0.00E+00
3.94E+00	3.36E+01	-2.57E-02	-1.46E-02	0.00E+00
3.96E+00	3.33E+01	-2.55E-01	-2.20E-02	0.00E+00
3.98E+00	3.30E+01	-2.57E-02	-3.17E-02	0.00E+00
4.00E+00	3.30E+01	-1.48E-01	-2.69E-02	0.00E+00
4.02E+00	3.24E+01	-2.57E-02	-1.71E-02	0.00E+00
4.04E+00	3.23E+01	-2.57E-02	-2.32E-02	0.00E+00
4.06E+00	3.17E+01	-1.04E-02	-1.34E-02	0.00E+00
4.08E+00	3.17E+01	-8.68E-02	-3.66E-02	0.00E+00
4.10E+00	3.12E+01	3.41E-01	-2.20E-02	0.00E+00
4.12E+00	3.11E+01	-4.10E-02	-2.20E-02	0.00E+00
4.14E+00	3.05E+01	6.61E-02	-2.56E-02	0.00E+00
4.16E+00	3.05E+01	3.11E-01	-2.56E-02	0.00E+00
4.18E+00	3.01E+01	-7.16E-02	-3.42E-02	0.00E+00
4.20E+00	3.00E+01	-3.93E-01	-2.69E-02	0.00E+00
4.22E+00	2.95E+01	-2.09E-01	-1.71E-02	0.00E+00
4.24E+00	2.93E+01	-8.68E-02	-2.81E-02	0.00E+00
4.26E+00	2.88E+01	-2.70E-01	-1.34E-02	0.00E+00
4.28E+00	2.89E+01	-5.63E-02	-1.95E-02	0.00E+00
4.30E+00	2.84E+01	-1.79E-01	-2.93E-02	0.00E+00
4.32E+00	2.83E+01	-1.02E-01	-1.95E-02	0.00E+00
4.34E+00	2.77E+01	-1.17E-01	-1.46E-02	0.00E+00
4.36E+00	2.77E+01	6.61E-02	-1.71E-02	0.00E+00
4.38E+00	2.72E+01	3.55E-02	-2.20E-02	0.00E+00
4.40E+00	2.69E+01	-1.04E-02	-2.44E-02	0.00E+00
4.42E+00	2.65E+01	-2.57E-02	-1.71E-02	0.00E+00
4.44E+00	2.61E+01	-1.17E-01	-1.95E-02	0.00E+00
4.46E+00	2.58E+01	1.27E-01	-1.71E-02	0.00E+00
4.48E+00	2.54E+01	3.55E-02	-1.46E-02	0.00E+00
4.50E+00	2.52E+01	-1.48E-01	-1.95E-02	0.00E+00
4.52E+00	2.48E+01	6.61E-02	-2.32E-02	0.00E+00
4.54E+00	2.45E+01	-1.02E-01	-1.71E-02	0.00E+00
4.56E+00	2.43E+01	1.27E-01	-9.77E-03	0.00E+00
4.58E+00	2.43E+01	-5.63E-02	-3.30E-02	0.00E+00
4.60E+00	2.38E+01	-5.63E-02	-2.44E-02	0.00E+00
4.62E+00	2.37E+01	-4.10E-02	-1.71E-02	0.00E+00

4.64E+00	2.31E+01	-5.63E-02	-2.20E-02	0.00E+00
4.66E+00	2.31E+01	-2.57E-02	-1.10E-02	0.00E+00
4.68E+00	2.24E+01	9.66E-02	-3.17E-02	0.00E+00
4.70E+00	2.26E+01	-7.16E-02	-2.44E-02	0.00E+00
4.72E+00	2.21E+01	-5.63E-02	-1.46E-02	0.00E+00
4.74E+00	2.19E+01	4.89E-03	-1.83E-02	0.00E+00
4.76E+00	2.14E+01	-5.63E-02	-1.46E-02	0.00E+00
4.78E+00	2.13E+01	-1.79E-01	-1.95E-02	0.00E+00
4.80E+00	2.10E+01	-1.17E-01	-1.83E-02	0.00E+00
4.82E+00	2.06E+01	-1.94E-01	-3.66E-03	0.00E+00
4.84E+00	2.04E+01	-2.57E-02	-1.83E-02	0.00E+00
4.86E+00	2.02E+01	4.89E-03	-1.95E-02	0.00E+00
4.88E+00	1.98E+01	-4.10E-02	-1.10E-02	0.00E+00
4.90E+00	1.96E+01	-7.16E-02	-4.88E-03	0.00E+00
4.92E+00	1.90E+01	-2.09E-01	-4.88E-03	0.00E+00
4.94E+00	1.88E+01	-5.63E-02	-2.69E-02	0.00E+00
4.96E+00	1.85E+01	5.08E-02	-1.46E-02	0.00E+00
4.98E+00	1.80E+01	-1.17E-01	1.22E-02	0.00E+00
5.00E+00	1.77E+01	3.55E-02	-1.22E-02	0.00E+00
5.02E+00	1.75E+01	-7.16E-02	-1.22E-03	0.00E+00
5.04E+00	1.72E+01	-8.68E-02	-1.46E-02	0.00E+00
5.06E+00	1.71E+01	3.55E-02	-1.71E-02	0.00E+00
5.08E+00	1.66E+01	-1.48E-01	-9.77E-03	0.00E+00
5.10E+00	1.64E+01	-2.57E-02	-2.93E-02	0.00E+00
5.12E+00	1.61E+01	-5.63E-02	-1.22E-02	0.00E+00
5.14E+00	1.60E+01	2.02E-02	-2.20E-02	0.00E+00
5.16E+00	1.55E+01	6.61E-02	-1.95E-02	0.00E+00
5.18E+00	1.53E+01	-2.57E-02	-9.77E-03	0.00E+00
5.20E+00	1.49E+01	-1.48E-01	-3.17E-02	0.00E+00
5.22E+00	1.48E+01	8.13E-02	-1.95E-02	0.00E+00
5.24E+00	1.44E+01	3.55E-02	-1.46E-02	0.00E+00
5.26E+00	1.43E+01	4.89E-03	-1.46E-02	0.00E+00
5.28E+00	1.38E+01	-3.31E-01	-1.95E-02	0.00E+00
5.30E+00	1.38E+01	-2.09E-01	-3.17E-02	0.00E+00
5.32E+00	1.33E+01	-4.23E-01	-1.59E-02	0.00E+00
5.34E+00	1.30E+01	-1.17E-01	-1.46E-02	0.00E+00
5.36E+00	1.25E+01	-4.10E-02	2.44E-03	0.00E+00
5.38E+00	1.27E+01	-1.33E-01	-2.08E-02	0.00E+00
5.40E+00	1.20E+01	-5.63E-02	-1.22E-02	0.00E+00
5.42E+00	1.20E+01	-3.62E-01	-1.22E-02	0.00E+00
5.44E+00	1.15E+01	2.02E-02	-1.59E-02	0.00E+00
5.46E+00	1.16E+01	-1.04E-02	-1.71E-02	0.00E+00
5.48E+00	1.10E+01	3.11E-01	-2.69E-02	0.00E+00
5.50E+00	1.09E+01	5.08E-02	-1.34E-02	0.00E+00
5.52E+00	1.03E+01	-3.93E-01	-1.46E-02	0.00E+00
5.54E+00	1.02E+01	4.89E-03	-1.95E-02	0.00E+00
5.56E+00	9.72E+00	2.02E-02	-2.93E-02	0.00E+00

5.58E+00	9.69E+00	-2.09E-01	-2.20E-02	0.00E+00
5.60E+00	8.99E+00	2.02E-02	-3.17E-02	0.00E+00
5.62E+00	9.15E+00	-2.57E-02	-1.71E-02	0.00E+00
5.64E+00	8.38E+00	-2.57E-02	-1.71E-02	0.00E+00
5.66E+00	8.54E+00	6.61E-02	-2.93E-02	0.00E+00
5.68E+00	8.01E+00	-1.79E-01	-1.59E-02	0.00E+00
5.70E+00	8.03E+00	4.89E-03	-7.32E-03	0.00E+00
5.72E+00	7.41E+00	2.02E-02	-8.54E-03	0.00E+00
5.74E+00	7.47E+00	4.89E-03	-2.44E-03	0.00E+00
5.76E+00	6.88E+00	-4.10E-02	-1.10E-02	0.00E+00
5.78E+00	6.80E+00	4.89E-03	-1.34E-02	0.00E+00
5.80E+00	6.61E+00	-1.94E-01	-1.71E-02	0.00E+00
5.82E+00	6.17E+00	-1.48E-01	-1.22E-02	0.00E+00
5.84E+00	6.20E+00	-4.10E-02	-4.88E-03	0.00E+00
5.86E+00	6.21E+00	-2.09E-01	-1.22E-02	0.00E+00
5.88E+00	6.20E+00	-1.17E-01	-2.44E-03	0.00E+00
5.90E+00	5.91E+00	8.13E-02	-1.34E-02	0.00E+00
5.92E+00	5.88E+00	-5.63E-02	-1.22E-02	0.00E+00
5.94E+00	5.88E+00	-2.57E-02	-1.10E-02	0.00E+00
5.96E+00	5.80E+00	-1.48E-01	-1.71E-02	0.00E+00
5.98E+00	5.82E+00	3.55E-02	-1.59E-02	0.00E+00
6.00E+00	5.81E+00	4.89E-03	-2.32E-02	0.00E+00
6.02E+00	5.76E+00	2.19E-01	3.66E-03	0.00E+00
6.04E+00	5.72E+00	-1.48E-01	-1.22E-02	0.00E+00
6.06E+00	6.15E+00	6.61E-02	-1.71E-02	0.00E+00
6.08E+00	6.24E+00	6.61E-02	-8.54E-03	0.00E+00
6.10E+00	6.30E+00	6.61E-02	-1.46E-02	0.00E+00
6.12E+00	6.12E+00	-2.09E-01	-3.91E-02	0.00E+00
6.14E+00	5.99E+00	2.50E-01	-1.34E-02	0.00E+00
6.16E+00	5.89E+00	-2.57E-02	-1.46E-02	0.00E+00
6.18E+00	6.04E+00	-4.10E-02	-3.91E-02	0.00E+00
6.20E+00	6.30E+00	3.41E-01	-2.69E-02	0.00E+00
6.22E+00	6.27E+00	-5.63E-02	-3.42E-02	0.00E+00
6.24E+00	6.30E+00	-2.40E-01	-9.77E-03	0.00E+00
6.26E+00	6.24E+00	-4.10E-02	-1.95E-02	0.00E+00
6.28E+00	6.41E+00	6.61E-02	-3.30E-02	0.00E+00
6.30E+00	6.34E+00	1.88E-01	-2.69E-02	0.00E+00
6.32E+00	6.37E+00	-1.48E-01	-2.93E-02	0.00E+00
6.34E+00	6.33E+00	1.58E-01	-2.20E-02	0.00E+00
6.36E+00	6.72E+00	-1.17E-01	-1.95E-02	0.00E+00
6.38E+00	6.93E+00	-1.48E-01	-2.93E-02	0.00E+00
6.40E+00	6.87E+00	-7.16E-02	-2.20E-02	0.00E+00
6.42E+00	6.72E+00	-1.33E-01	-1.46E-02	0.00E+00
6.44E+00	6.78E+00	-2.55E-01	-1.22E-02	0.00E+00
6.46E+00	6.73E+00	4.89E-03	-2.44E-02	0.00E+00
6.48E+00	6.67E+00	-5.63E-02	-1.22E-02	0.00E+00
6.50E+00	6.42E+00	-1.17E-01	-6.10E-03	0.00E+00

6.52E+00	6.46E+00	-2.57E-02	2.44E-03	0.00E+00
6.54E+00	6.32E+00	1.58E-01	-1.46E-02	0.00E+00
6.56E+00	6.54E+00	3.55E-02	-1.59E-02	0.00E+00
6.58E+00	6.35E+00	-1.33E-01	-1.22E-02	0.00E+00
6.60E+00	6.32E+00	3.55E-02	-1.22E-02	0.00E+00
6.62E+00	6.17E+00	-1.79E-01	4.88E-03	0.00E+00
6.64E+00	6.32E+00	-2.57E-02	-1.71E-02	0.00E+00
6.66E+00	6.32E+00	-5.63E-02	-3.91E-02	0.00E+00
6.68E+00	6.32E+00	-8.68E-02	-9.77E-03	0.00E+00
6.70E+00	6.29E+00	-8.68E-02	-3.66E-03	0.00E+00
6.72E+00	6.33E+00	-2.57E-02	-1.10E-02	0.00E+00
6.74E+00	6.31E+00	3.55E-02	-1.71E-02	0.00E+00
6.76E+00	6.32E+00	-8.68E-02	-4.88E-03	0.00E+00
6.78E+00	6.38E+00	-8.68E-02	-2.20E-02	0.00E+00
6.80E+00	6.35E+00	-2.57E-02	-8.54E-03	0.00E+00
6.82E+00	6.35E+00	-2.57E-02	-2.20E-02	0.00E+00
6.84E+00	6.44E+00	9.66E-02	-3.17E-02	0.00E+00
6.86E+00	6.44E+00	-5.63E-02	-1.10E-02	0.00E+00
6.88E+00	6.40E+00	4.89E-03	-1.46E-02	0.00E+00
6.90E+00	6.33E+00	1.88E-01	-2.93E-02	0.00E+00
6.92E+00	6.34E+00	6.61E-02	-1.95E-02	0.00E+00
6.94E+00	6.38E+00	3.55E-02	0.00E+00	0.00E+00
6.96E+00	6.31E+00	-2.57E-02	-7.32E-03	0.00E+00
6.98E+00	6.37E+00	-7.16E-02	-1.22E-02	0.00E+00
7.00E+00	6.50E+00	-2.57E-02	-4.88E-03	0.00E+00
7.02E+00	6.38E+00	3.55E-02	-2.44E-02	0.00E+00
7.04E+00	6.43E+00	-2.09E-01	-1.71E-02	0.00E+00
7.06E+00	6.58E+00	5.08E-02	-1.95E-02	0.00E+00
7.08E+00	6.38E+00	-1.79E-01	-9.77E-03	0.00E+00
7.10E+00	6.47E+00	1.12E-01	-1.46E-02	0.00E+00
7.12E+00	6.52E+00	-1.94E-01	-2.32E-02	0.00E+00
7.14E+00	6.48E+00	-2.57E-02	-1.71E-02	0.00E+00
7.16E+00	6.31E+00	-5.63E-02	-1.10E-02	0.00E+00
7.18E+00	6.55E+00	2.02E-02	-1.59E-02	0.00E+00
7.20E+00	6.42E+00	2.02E-02	-1.46E-02	0.00E+00
7.22E+00	6.48E+00	9.66E-02	-2.20E-02	0.00E+00
7.24E+00	6.46E+00	-1.02E-01	-1.59E-02	0.00E+00
7.26E+00	6.44E+00	-2.24E-01	-1.83E-02	0.00E+00
7.28E+00	6.28E+00	3.55E-02	-1.46E-02	0.00E+00
7.30E+00	6.46E+00	1.27E-01	-1.59E-02	0.00E+00
7.32E+00	6.48E+00	-2.57E-02	-1.59E-02	0.00E+00
7.34E+00	6.60E+00	-5.63E-02	-4.64E-02	0.00E+00
7.36E+00	6.48E+00	-1.48E-01	-1.22E-02	0.00E+00
7.38E+00	6.38E+00	-1.17E-01	4.88E-03	0.00E+00
7.40E+00	6.45E+00	4.89E-03	-1.95E-02	0.00E+00
7.42E+00	6.47E+00	8.13E-02	-1.22E-02	0.00E+00
7.44E+00	6.52E+00	-1.02E-01	-2.44E-02	0.00E+00

7.46E+00	6.53E+00	-2.40E-01	-1.71E-02	0.00E+00
7.48E+00	6.40E+00	-1.17E-01	-2.44E-03	0.00E+00
7.50E+00	6.46E+00	-7.16E-02	-1.46E-02	0.00E+00
7.52E+00	6.49E+00	-7.16E-02	-3.78E-02	0.00E+00
7.54E+00	6.55E+00	4.89E-03	-1.22E-02	0.00E+00
7.56E+00	6.51E+00	-2.57E-02	7.32E-03	0.00E+00
7.58E+00	6.51E+00	-7.16E-02	-1.95E-02	0.00E+00
7.60E+00	6.50E+00	6.61E-02	-1.71E-02	0.00E+00
7.62E+00	6.56E+00	6.61E-02	-4.03E-02	0.00E+00
7.64E+00	6.51E+00	-8.68E-02	-7.32E-03	0.00E+00
7.66E+00	6.52E+00	-2.09E-01	-9.77E-03	0.00E+00
7.68E+00	6.66E+00	2.80E-01	-1.22E-02	0.00E+00
7.70E+00	6.60E+00	5.08E-02	-2.32E-02	0.00E+00
7.72E+00	6.69E+00	4.89E-03	-2.93E-02	0.00E+00
7.74E+00	6.58E+00	6.61E-02	-1.95E-02	0.00E+00
7.76E+00	6.52E+00	4.89E-03	-2.93E-02	0.00E+00
7.78E+00	6.64E+00	-2.55E-01	-1.22E-02	0.00E+00
7.80E+00	6.75E+00	-1.63E-01	-2.20E-02	0.00E+00
7.82E+00	6.60E+00	-1.63E-01	-3.42E-02	0.00E+00
7.84E+00	6.54E+00	-1.17E-01	-1.22E-02	0.00E+00
7.86E+00	6.68E+00	-5.63E-02	-1.71E-02	0.00E+00
7.88E+00	6.55E+00	-5.63E-02	-2.20E-02	0.00E+00
7.90E+00	6.69E+00	-5.63E-02	-3.30E-02	0.00E+00
7.92E+00	6.53E+00	-1.79E-01	-1.95E-02	0.00E+00
7.94E+00	6.48E+00	-2.57E-02	-1.46E-02	0.00E+00
7.96E+00	6.53E+00	4.89E-03	-4.27E-02	0.00E+00
7.98E+00	6.53E+00	-2.40E-01	-1.95E-02	0.00E+00
8.00E+00	6.43E+00	-1.79E-01	0.00E+00	0.00E+00
8.02E+00	6.41E+00	-2.57E-02	-9.77E-03	0.00E+00
8.04E+00	6.44E+00	4.89E-03	-1.22E-02	0.00E+00
8.06E+00	6.49E+00	4.89E-03	-1.95E-02	0.00E+00
8.08E+00	6.46E+00	1.27E-01	3.66E-03	0.00E+00
8.10E+00	6.38E+00	-1.63E-01	-1.22E-03	0.00E+00
8.12E+00	6.40E+00	9.66E-02	-4.88E-03	0.00E+00
8.14E+00	6.45E+00	3.55E-02	-1.46E-02	0.00E+00
8.16E+00	6.44E+00	-7.16E-02	-2.69E-02	0.00E+00
8.18E+00	6.50E+00	-2.09E-01	7.32E-03	0.00E+00
8.20E+00	6.44E+00	-1.17E-01	-7.32E-03	0.00E+00
8.22E+00	6.45E+00	-1.48E-01	-7.32E-03	0.00E+00
8.24E+00	6.49E+00	6.61E-02	0.00E+00	0.00E+00
8.26E+00	6.44E+00	-5.63E-02	-7.32E-03	0.00E+00
8.28E+00	6.47E+00	9.66E-02	-1.22E-02	0.00E+00
8.30E+00	6.47E+00	6.61E-02	-2.08E-02	0.00E+00
8.32E+00	6.59E+00	8.13E-02	-2.20E-02	0.00E+00
8.34E+00	6.54E+00	-7.16E-02	-2.44E-02	0.00E+00
8.36E+00	6.42E+00	-1.48E-01	-1.46E-02	0.00E+00
8.38E+00	6.47E+00	4.89E-03	-1.22E-02	0.00E+00

8.40E+00	6.43E+00	4.89E-03	-7.32E-03	0.00E+00
8.42E+00	6.54E+00	4.89E-03	-1.95E-02	0.00E+00
8.44E+00	6.54E+00	-5.63E-02	-2.08E-02	0.00E+00
8.46E+00	6.48E+00	-8.68E-02	-2.20E-02	0.00E+00
8.48E+00	6.44E+00	-8.68E-02	-1.22E-02	0.00E+00
8.50E+00	6.48E+00	-7.16E-02	-1.10E-02	0.00E+00
8.52E+00	6.61E+00	-1.33E-01	-3.17E-02	0.00E+00
8.54E+00	6.56E+00	-2.09E-01	-2.20E-02	0.00E+00
8.56E+00	6.49E+00	-5.63E-02	-1.46E-02	0.00E+00
8.58E+00	6.52E+00	1.43E-01	7.32E-03	0.00E+00
8.60E+00	6.57E+00	4.89E-03	-1.59E-02	0.00E+00
8.62E+00	6.56E+00	-1.79E-01	-2.44E-02	0.00E+00
8.64E+00	6.57E+00	-5.63E-02	7.32E-03	0.00E+00
8.66E+00	6.52E+00	-8.68E-02	-1.34E-02	0.00E+00
8.68E+00	6.54E+00	-5.63E-02	-3.66E-02	0.00E+00
8.70E+00	6.58E+00	-5.63E-02	-1.46E-02	0.00E+00
8.72E+00	6.58E+00	-3.16E-01	-2.44E-02	0.00E+00
8.74E+00	6.54E+00	-3.16E-01	0.00E+00	0.00E+00
8.76E+00	6.55E+00	-2.57E-02	-1.71E-02	0.00E+00
8.78E+00	6.56E+00	3.55E-02	-4.39E-02	0.00E+00
8.80E+00	6.59E+00	-1.48E-01	-1.46E-02	0.00E+00
8.82E+00	6.53E+00	4.89E-03	-7.32E-03	0.00E+00
8.84E+00	6.36E+00	-5.63E-02	-7.32E-03	0.00E+00
8.86E+00	6.49E+00	-3.01E-01	-1.95E-02	0.00E+00
8.88E+00	6.55E+00	-1.48E-01	-1.71E-02	0.00E+00
8.90E+00	6.70E+00	1.58E-01	-1.71E-02	0.00E+00
8.92E+00	6.52E+00	4.89E-03	-1.46E-02	0.00E+00
8.94E+00	6.53E+00	9.66E-02	-9.77E-03	0.00E+00
8.96E+00	6.56E+00	-1.63E-01	-2.69E-02	0.00E+00
8.98E+00	6.56E+00	-2.57E-02	-1.46E-02	0.00E+00
9.00E+00	6.53E+00	1.27E-01	-2.20E-02	0.00E+00
9.02E+00	6.59E+00	-1.17E-01	-2.08E-02	0.00E+00
9.04E+00	6.70E+00	-5.63E-02	-2.08E-02	0.00E+00
9.06E+00	6.55E+00	-1.63E-01	-1.46E-02	0.00E+00
9.08E+00	6.56E+00	-5.63E-02	-2.32E-02	0.00E+00
9.10E+00	6.70E+00	3.41E-01	-1.46E-02	0.00E+00
9.12E+00	6.62E+00	-1.79E-01	-2.20E-02	0.00E+00
9.14E+00	6.55E+00	-1.17E-01	-2.93E-02	0.00E+00
9.16E+00	6.54E+00	-2.09E-01	-1.22E-02	0.00E+00
9.18E+00	6.54E+00	-2.57E-02	-6.10E-03	0.00E+00
9.20E+00	6.56E+00	5.08E-02	-1.83E-02	0.00E+00
9.22E+00	6.44E+00	-2.09E-01	-1.46E-02	0.00E+00
9.24E+00	6.54E+00	-1.33E-01	-1.46E-02	0.00E+00
9.26E+00	6.53E+00	-2.09E-01	-9.77E-03	0.00E+00
9.28E+00	6.53E+00	-5.63E-02	-1.34E-02	0.00E+00
9.30E+00	6.62E+00	-8.68E-02	-1.71E-02	0.00E+00
9.32E+00	6.64E+00	-5.63E-02	-1.22E-02	0.00E+00

9.34E+00	6.47E+00	-1.04E-02	-7.32E-03	0.00E+00
9.36E+00	6.57E+00	1.88E-01	-1.46E-02	0.00E+00
9.38E+00	6.46E+00	-5.63E-02	-4.88E-03	0.00E+00
9.40E+00	6.60E+00	-8.68E-02	-1.46E-02	0.00E+00
9.42E+00	6.69E+00	-7.16E-02	-7.32E-03	0.00E+00
9.44E+00	6.64E+00	3.55E-02	-1.95E-02	0.00E+00
9.46E+00	6.61E+00	2.02E-02	-1.71E-02	0.00E+00
9.48E+00	6.54E+00	-8.68E-02	-2.93E-02	0.00E+00
9.50E+00	6.52E+00	-8.68E-02	-9.77E-03	0.00E+00
9.52E+00	6.56E+00	3.55E-02	-4.88E-03	0.00E+00
9.54E+00	6.69E+00	-2.57E-02	-3.17E-02	0.00E+00
9.56E+00	6.65E+00	2.02E-02	-1.95E-02	0.00E+00
9.58E+00	6.54E+00	-5.63E-02	-1.22E-02	0.00E+00
9.60E+00	6.57E+00	-2.09E-01	-9.77E-03	0.00E+00
9.62E+00	6.55E+00	3.55E-02	-1.22E-02	0.00E+00
9.64E+00	6.55E+00	-2.24E-01	-1.46E-02	0.00E+00
9.66E+00	6.55E+00	-5.63E-02	-2.81E-02	0.00E+00
9.68E+00	6.57E+00	-1.79E-01	-1.22E-02	0.00E+00
9.70E+00	6.63E+00	9.66E-02	-6.10E-03	0.00E+00
9.72E+00	6.52E+00	-4.10E-02	-1.34E-02	0.00E+00
9.74E+00	6.52E+00	-8.68E-02	-6.10E-03	0.00E+00
9.76E+00	6.53E+00	4.89E-03	-1.83E-02	0.00E+00
9.78E+00	6.53E+00	-8.68E-02	-9.77E-03	0.00E+00
9.80E+00	6.58E+00	-7.16E-02	-2.81E-02	0.00E+00
9.82E+00	6.69E+00	2.02E-02	-1.95E-02	0.00E+00
9.84E+00	6.55E+00	3.55E-02	-9.77E-03	0.00E+00
9.86E+00	6.71E+00	1.27E-01	-2.93E-02	0.00E+00
9.88E+00	6.59E+00	2.04E-01	-1.71E-02	0.00E+00
9.90E+00	6.58E+00	-8.68E-02	-1.95E-02	0.00E+00
9.92E+00	6.49E+00	-1.48E-01	-1.22E-02	0.00E+00
9.94E+00	6.50E+00	9.66E-02	-2.08E-02	0.00E+00
9.96E+00	6.60E+00	-1.17E-01	-2.32E-02	0.00E+00
9.98E+00	6.59E+00	-2.86E-01	-2.44E-02	0.00E+00
1.00E+01	6.66E+00	-1.17E-01	-2.20E-02	0.00E+00
1.00E+01	6.66E+00	-8.68E-02	-1.95E-02	0.00E+00
1.00E+01	6.42E+00	1.58E-01	-2.20E-02	0.00E+00
1.01E+01	6.60E+00	-1.17E-01	-2.93E-02	0.00E+00
1.01E+01	6.60E+00	6.61E-02	-1.71E-02	0.00E+00
1.01E+01	6.53E+00	-1.02E-01	-1.95E-02	0.00E+00
1.01E+01	6.66E+00	-5.63E-02	-1.95E-02	0.00E+00
1.01E+01	6.61E+00	-1.48E-01	-3.05E-02	0.00E+00
1.02E+01	6.56E+00	-2.09E-01	-9.77E-03	0.00E+00
1.02E+01	6.57E+00	6.61E-02	-9.77E-03	0.00E+00
1.02E+01	6.54E+00	5.08E-02	4.88E-03	0.00E+00
1.02E+01	6.55E+00	-1.17E-01	-1.46E-02	0.00E+00
1.02E+01	6.60E+00	-2.57E-02	-1.95E-02	0.00E+00
1.03E+01	6.56E+00	9.66E-02	-8.54E-03	0.00E+00

1.03E+01	6.60E+00	1.73E-01	-1.22E-02	0.00E+00
1.03E+01	6.67E+00	-1.63E-01	-2.32E-02	0.00E+00
1.03E+01	6.57E+00	4.89E-03	-2.08E-02	0.00E+00
1.03E+01	6.68E+00	-1.17E-01	-1.71E-02	0.00E+00
1.04E+01	6.66E+00	9.66E-02	-2.69E-02	0.00E+00
1.04E+01	6.76E+00	3.55E-02	-3.30E-02	0.00E+00
1.04E+01	6.60E+00	2.50E-01	-1.22E-02	0.00E+00
1.04E+01	6.57E+00	-2.57E-02	-2.20E-02	0.00E+00
1.04E+01	6.67E+00	4.89E-03	-1.34E-02	0.00E+00
1.05E+01	6.81E+00	6.61E-02	-2.20E-02	0.00E+00
1.05E+01	6.65E+00	-2.57E-02	-2.69E-02	0.00E+00
1.05E+01	6.61E+00	4.89E-03	-1.46E-02	0.00E+00
1.05E+01	6.49E+00	6.61E-02	0.00E+00	0.00E+00
1.05E+01	6.64E+00	-2.57E-02	-2.20E-02	0.00E+00
1.06E+01	6.77E+00	-2.55E-01	-4.39E-02	0.00E+00
1.06E+01	6.59E+00	-1.79E-01	-1.59E-02	0.00E+00
1.06E+01	6.58E+00	-2.57E-02	-9.77E-03	0.00E+00
1.06E+01	6.54E+00	-7.16E-02	-6.10E-03	0.00E+00
1.06E+01	6.64E+00	6.61E-02	-1.95E-02	0.00E+00
1.07E+01	6.60E+00	-1.79E-01	-3.54E-02	0.00E+00
1.07E+01	6.60E+00	-1.79E-01	-2.44E-02	0.00E+00
1.07E+01	6.61E+00	-2.57E-02	-1.22E-02	0.00E+00
1.07E+01	6.55E+00	-8.68E-02	-1.46E-02	0.00E+00
1.07E+01	6.66E+00	-1.17E-01	-2.20E-02	0.00E+00
1.08E+01	6.61E+00	-1.79E-01	-1.83E-02	0.00E+00
1.08E+01	6.58E+00	-1.94E-01	-1.46E-02	0.00E+00
1.08E+01	6.60E+00	1.27E-01	-1.46E-02	0.00E+00
1.08E+01	6.67E+00	-8.68E-02	-1.10E-02	0.00E+00
1.08E+01	6.66E+00	-2.57E-02	7.32E-03	0.00E+00
1.09E+01	6.68E+00	-1.48E-01	-2.69E-02	0.00E+00
1.09E+01	6.62E+00	1.12E-01	-2.20E-02	0.00E+00
1.09E+01	6.60E+00	-8.68E-02	7.32E-03	0.00E+00
1.09E+01	6.57E+00	4.89E-03	-1.95E-02	0.00E+00
1.09E+01	6.67E+00	3.55E-02	-2.44E-03	0.00E+00
1.10E+01	6.58E+00	-7.16E-02	-1.71E-02	0.00E+00
1.10E+01	6.59E+00	-2.40E-01	-1.95E-02	0.00E+00
1.10E+01	6.57E+00	-1.33E-01	-2.32E-02	0.00E+00
1.10E+01	6.68E+00	-5.63E-02	-1.34E-02	0.00E+00
1.10E+01	6.62E+00	-2.57E-02	-9.77E-03	0.00E+00
1.11E+01	6.50E+00	-2.40E-01	-1.59E-02	0.00E+00
1.11E+01	6.60E+00	-1.48E-01	-1.95E-02	0.00E+00
1.11E+01	6.55E+00	4.89E-03	-4.88E-03	0.00E+00
1.11E+01	6.68E+00	-7.16E-02	-1.71E-02	0.00E+00
1.11E+01	6.61E+00	-1.94E-01	-2.20E-02	0.00E+00
1.12E+01	6.49E+00	-2.40E-01	-4.88E-03	0.00E+00
1.12E+01	6.71E+00	-4.10E-02	-6.10E-03	0.00E+00
1.12E+01	6.58E+00	4.89E-03	-2.20E-02	0.00E+00

1.12E+01	6.62E+00	3.55E-02	-1.95E-02	0.00E+00
1.12E+01	6.56E+00	9.66E-02	-1.46E-02	0.00E+00
1.13E+01	6.57E+00	6.61E-02	-9.77E-03	0.00E+00
1.13E+01	6.71E+00	-5.63E-02	-1.71E-02	0.00E+00
1.13E+01	6.67E+00	-5.63E-02	-1.22E-02	0.00E+00
1.13E+01	6.60E+00	3.55E-02	-1.59E-02	0.00E+00
1.13E+01	6.69E+00	-2.57E-02	-1.95E-02	0.00E+00
1.14E+01	6.64E+00	-4.10E-02	-1.46E-02	0.00E+00
1.14E+01	6.56E+00	6.61E-02	-1.34E-02	0.00E+00
1.14E+01	6.70E+00	-1.17E-01	-2.93E-02	0.00E+00
1.14E+01	6.61E+00	-1.02E-01	-1.34E-02	0.00E+00
1.14E+01	6.65E+00	-5.63E-02	-1.71E-02	0.00E+00
1.15E+01	6.62E+00	-5.63E-02	-2.93E-02	0.00E+00
1.15E+01	6.70E+00	-1.79E-01	-3.17E-02	0.00E+00
1.15E+01	6.64E+00	-3.01E-01	-1.95E-02	0.00E+00
1.15E+01	6.60E+00	4.89E-03	-2.20E-02	0.00E+00
1.15E+01	6.70E+00	-1.17E-01	-2.69E-02	0.00E+00
1.16E+01	6.59E+00	4.89E-03	-2.93E-02	0.00E+00
1.16E+01	6.59E+00	-8.68E-02	-9.77E-03	0.00E+00
1.16E+01	6.59E+00	4.89E-03	-1.10E-02	0.00E+00
1.16E+01	6.59E+00	3.55E-02	-6.10E-03	0.00E+00
1.16E+01	6.65E+00	-2.57E-02	-1.22E-02	0.00E+00
1.17E+01	6.59E+00	-5.63E-02	-2.69E-02	0.00E+00
1.17E+01	6.67E+00	8.13E-02	-1.46E-02	0.00E+00
1.17E+01	6.50E+00	6.61E-02	-1.22E-02	0.00E+00
1.17E+01	6.69E+00	-1.17E-01	-2.44E-02	0.00E+00
1.17E+01	6.58E+00	-8.68E-02	-1.46E-02	0.00E+00
1.18E+01	6.60E+00	1.43E-01	-1.34E-02	0.00E+00
1.18E+01	6.62E+00	-2.57E-02	-2.08E-02	0.00E+00
1.18E+01	6.77E+00	-1.48E-01	-2.20E-02	0.00E+00
1.18E+01	6.59E+00	-5.63E-02	-2.44E-02	0.00E+00
1.18E+01	6.61E+00	-1.48E-01	-1.95E-02	0.00E+00
1.19E+01	6.44E+00	2.02E-02	-1.22E-02	0.00E+00
1.19E+01	6.65E+00	-1.17E-01	-2.44E-02	0.00E+00
1.19E+01	6.50E+00	-5.63E-02	-1.22E-02	0.00E+00
1.19E+01	6.57E+00	-8.68E-02	-8.54E-03	0.00E+00
1.19E+01	6.60E+00	4.89E-03	-1.71E-02	0.00E+00
1.20E+01	6.70E+00	-7.16E-02	0.00E+00	0.00E+00
1.20E+01	6.60E+00	-2.24E-01	-1.71E-02	0.00E+00
1.20E+01	6.62E+00	-1.79E-01	-2.20E-02	0.00E+00
1.20E+01	6.55E+00	-8.68E-02	-1.59E-02	0.00E+00
1.20E+01	6.63E+00	9.66E-02	-2.08E-02	0.00E+00
1.21E+01	6.60E+00	-8.68E-02	-2.44E-02	0.00E+00
1.21E+01	6.64E+00	9.66E-02	-2.69E-02	0.00E+00
1.21E+01	6.57E+00	-2.70E-01	-1.71E-02	0.00E+00
1.21E+01	6.62E+00	2.04E-01	-1.34E-02	0.00E+00
1.21E+01	6.64E+00	-8.68E-02	-1.22E-02	0.00E+00

1.22E+01	6.62E+00	-8.68E-02	-2.20E-02	0.00E+00
1.22E+01	6.61E+00	-2.57E-02	-3.91E-02	0.00E+00
1.22E+01	6.69E+00	1.27E-01	-1.46E-02	0.00E+00
1.22E+01	6.57E+00	6.61E-02	-1.71E-02	0.00E+00
1.22E+01	6.55E+00	-8.68E-02	-9.77E-03	0.00E+00
1.23E+01	6.59E+00	-2.57E-02	-2.20E-02	0.00E+00
1.23E+01	6.58E+00	-5.63E-02	-4.88E-03	0.00E+00
1.23E+01	6.46E+00	-1.79E-01	-7.32E-03	0.00E+00
1.23E+01	6.42E+00	9.66E-02	-1.46E-02	0.00E+00
1.23E+01	6.66E+00	-1.04E-02	-7.32E-03	0.00E+00
1.24E+01	6.56E+00	-8.68E-02	-6.10E-03	0.00E+00
1.24E+01	6.56E+00	3.55E-02	-1.46E-02	0.00E+00
1.24E+01	6.62E+00	-5.63E-02	-1.83E-02	0.00E+00
1.24E+01	6.73E+00	-1.04E-02	-3.17E-02	0.00E+00
1.24E+01	6.56E+00	-5.63E-02	-1.71E-02	0.00E+00
1.25E+01	6.59E+00	2.02E-02	-1.46E-02	0.00E+00
1.25E+01	6.53E+00	3.55E-02	-7.32E-03	0.00E+00
1.25E+01	6.64E+00	-1.04E-02	-2.20E-02	0.00E+00
1.25E+01	6.65E+00	-8.68E-02	-2.56E-02	0.00E+00
1.25E+01	6.64E+00	-2.70E-01	-1.95E-02	0.00E+00
1.26E+01	6.59E+00	1.27E-01	2.44E-03	0.00E+00
1.26E+01	6.60E+00	4.89E-03	-1.71E-02	0.00E+00
1.26E+01	6.68E+00	4.89E-03	-1.22E-02	0.00E+00
1.26E+01	6.69E+00	-8.68E-02	-1.83E-02	0.00E+00
1.26E+01	6.58E+00	-1.48E-01	-1.46E-02	0.00E+00
1.27E+01	6.61E+00	2.02E-02	-3.66E-02	0.00E+00
1.27E+01	6.69E+00	1.27E-01	-1.59E-02	0.00E+00
1.27E+01	6.67E+00	-1.04E-02	-2.44E-03	0.00E+00
1.27E+01	6.55E+00	-1.17E-01	-1.71E-02	0.00E+00
1.27E+01	6.59E+00	2.02E-02	-1.22E-02	0.00E+00
1.28E+01	6.66E+00	3.55E-02	-2.93E-02	0.00E+00
1.28E+01	6.64E+00	-3.93E-01	-2.20E-02	0.00E+00
1.28E+01	6.65E+00	-1.48E-01	-2.44E-02	0.00E+00
1.28E+01	6.56E+00	-3.31E-01	-1.22E-02	0.00E+00
1.28E+01	6.59E+00	-2.57E-02	-1.46E-02	0.00E+00
1.29E+01	6.67E+00	6.61E-02	-2.93E-02	0.00E+00
1.29E+01	6.61E+00	-1.79E-01	-1.71E-02	0.00E+00
1.29E+01	6.71E+00	-4.10E-02	-1.46E-02	0.00E+00
1.29E+01	6.56E+00	-8.68E-02	-1.46E-02	0.00E+00
1.29E+01	6.67E+00	-1.02E-01	-3.42E-02	0.00E+00
1.30E+01	6.65E+00	-7.16E-02	-2.69E-02	0.00E+00
1.30E+01	6.66E+00	-8.68E-02	-2.32E-02	0.00E+00
1.30E+01	6.68E+00	-2.70E-01	-1.71E-02	0.00E+00
1.30E+01	6.56E+00	-5.63E-02	-3.42E-02	0.00E+00
1.30E+01	6.56E+00	6.61E-02	-2.44E-02	0.00E+00
1.31E+01	6.61E+00	-5.63E-02	-1.46E-02	0.00E+00
1.31E+01	6.61E+00	-1.48E-01	-2.20E-02	0.00E+00

1.31E+01	6.63E+00	-8.68E-02	-2.44E-02	0.00E+00
1.31E+01	6.57E+00	-1.33E-01	-3.17E-02	0.00E+00
1.31E+01	6.61E+00	2.19E-01	-1.46E-02	0.00E+00
1.32E+01	6.61E+00	-2.57E-02	-1.95E-02	0.00E+00
1.32E+01	6.71E+00	3.55E-02	-9.77E-03	0.00E+00
1.32E+01	6.53E+00	1.27E-01	-4.88E-03	0.00E+00
1.32E+01	6.43E+00	1.73E-01	-1.83E-02	0.00E+00
1.32E+01	6.69E+00	1.73E-01	-2.08E-02	0.00E+00
1.33E+01	6.57E+00	-5.63E-02	-1.46E-02	0.00E+00
1.33E+01	6.61E+00	-8.68E-02	-1.71E-02	0.00E+00
1.33E+01	6.56E+00	-7.16E-02	-1.22E-02	0.00E+00
1.33E+01	6.48E+00	-1.79E-01	-7.32E-03	0.00E+00
1.33E+01	6.60E+00	-1.79E-01	-1.95E-02	0.00E+00
1.34E+01	6.66E+00	-2.57E-02	-2.20E-02	0.00E+00
1.34E+01	6.57E+00	-2.57E-02	-1.46E-02	0.00E+00
1.34E+01	6.53E+00	-2.09E-01	-4.88E-03	0.00E+00
1.34E+01	6.56E+00	6.61E-02	1.22E-03	0.00E+00
1.34E+01	6.59E+00	2.80E-01	-4.88E-03	0.00E+00
1.35E+01	6.62E+00	-5.63E-02	-2.20E-02	0.00E+00
1.35E+01	6.59E+00	3.55E-02	-1.46E-02	0.00E+00
1.35E+01	6.58E+00	3.55E-02	-3.91E-02	0.00E+00
1.35E+01	6.64E+00	6.61E-02	-1.22E-02	0.00E+00
1.35E+01	6.62E+00	-5.63E-02	-9.77E-03	0.00E+00
1.36E+01	6.49E+00	1.58E-01	-1.71E-02	0.00E+00
1.36E+01	6.56E+00	-1.17E-01	-9.77E-03	0.00E+00
1.36E+01	6.56E+00	3.55E-02	-3.66E-03	0.00E+00
1.36E+01	6.55E+00	-1.63E-01	-2.44E-03	0.00E+00
1.36E+01	6.46E+00	6.61E-02	-2.20E-02	0.00E+00
1.37E+01	6.53E+00	-8.68E-02	-1.22E-02	0.00E+00
1.37E+01	6.35E+00	1.27E-01	-9.77E-03	0.00E+00
1.37E+01	6.56E+00	3.55E-02	-9.77E-03	0.00E+00
1.37E+01	6.59E+00	-1.04E-02	-1.71E-02	0.00E+00
1.37E+01	6.60E+00	-1.17E-01	-3.17E-02	0.00E+00
1.38E+01	6.59E+00	-4.10E-02	-1.10E-02	0.00E+00
1.38E+01	6.48E+00	-1.48E-01	4.88E-03	0.00E+00
1.38E+01	6.64E+00	6.61E-02	-1.95E-02	0.00E+00
1.38E+01	6.65E+00	-2.57E-02	-1.59E-02	0.00E+00
1.38E+01	6.54E+00	-1.48E-01	-1.22E-03	0.00E+00
1.39E+01	6.56E+00	-8.68E-02	-1.46E-02	0.00E+00
1.39E+01	6.57E+00	6.61E-02	-1.22E-02	0.00E+00
1.39E+01	6.65E+00	-1.48E-01	-1.71E-02	0.00E+00
1.39E+01	6.64E+00	-5.63E-02	4.88E-03	0.00E+00
1.39E+01	6.58E+00	-1.48E-01	-1.22E-02	0.00E+00
1.40E+01	6.61E+00	1.58E-01	-2.69E-02	0.00E+00
1.40E+01	6.53E+00	-2.57E-02	-9.77E-03	0.00E+00
1.40E+01	6.65E+00	-1.17E-01	-2.20E-02	0.00E+00
1.40E+01	6.71E+00	-1.48E-01	-2.93E-02	0.00E+00

1.40E+01	6.67E+00	2.04E-01	-1.22E-02	0.00E+00
1.41E+01	6.60E+00	4.89E-03	-9.77E-03	0.00E+00
1.41E+01	6.62E+00	-3.93E-01	-2.20E-02	0.00E+00
1.41E+01	6.64E+00	3.55E-02	-2.08E-02	0.00E+00
1.41E+01	6.66E+00	-1.02E-01	-1.83E-02	0.00E+00
1.41E+01	6.64E+00	9.66E-02	-1.71E-02	0.00E+00
1.42E+01	6.60E+00	-5.63E-02	-9.77E-03	0.00E+00
1.42E+01	6.61E+00	6.61E-02	-2.93E-02	0.00E+00
1.42E+01	6.67E+00	4.89E-03	-2.69E-02	0.00E+00
1.42E+01	6.58E+00	-1.02E-01	-2.93E-02	0.00E+00
1.42E+01	6.59E+00	-2.09E-01	-2.32E-02	0.00E+00
1.43E+01	6.49E+00	4.89E-03	-7.32E-03	0.00E+00
1.43E+01	6.56E+00	9.66E-02	-1.46E-02	0.00E+00
1.43E+01	6.78E+00	-1.48E-01	-2.44E-02	0.00E+00
1.43E+01	6.60E+00	4.89E-03	-1.22E-02	0.00E+00
1.43E+01	6.62E+00	-1.48E-01	-1.46E-02	0.00E+00
1.44E+01	6.48E+00	3.55E-02	-7.32E-03	0.00E+00
1.44E+01	6.60E+00	8.13E-02	-2.32E-02	0.00E+00
1.44E+01	6.56E+00	-7.16E-02	-1.34E-02	0.00E+00
1.44E+01	6.59E+00	-5.63E-02	-9.77E-03	0.00E+00
1.44E+01	6.55E+00	-1.02E-01	-1.46E-02	0.00E+00
1.45E+01	6.73E+00	-5.63E-02	-1.59E-02	0.00E+00
1.45E+01	6.65E+00	-1.63E-01	-1.95E-02	0.00E+00
1.45E+01	6.56E+00	-8.68E-02	-2.93E-02	0.00E+00
1.45E+01	6.59E+00	4.89E-03	-1.95E-02	0.00E+00
1.45E+01	6.61E+00	-2.40E-01	-1.34E-02	0.00E+00
1.46E+01	6.68E+00	4.89E-03	-2.56E-02	0.00E+00
1.46E+01	6.63E+00	-1.17E-01	-1.22E-02	0.00E+00
1.46E+01	6.53E+00	-1.17E-01	-1.22E-02	0.00E+00
1.46E+01	6.54E+00	-2.40E-01	-9.77E-03	0.00E+00
1.46E+01	6.59E+00	-1.17E-01	-3.42E-02	0.00E+00
1.47E+01	6.66E+00	-1.02E-01	-1.46E-02	0.00E+00
1.47E+01	6.58E+00	-8.68E-02	0.00E+00	0.00E+00
1.47E+01	6.59E+00	-5.63E-02	-7.32E-03	0.00E+00
1.47E+01	6.55E+00	1.88E-01	-9.77E-03	0.00E+00
1.47E+01	6.57E+00	-1.79E-01	-3.42E-02	0.00E+00
1.48E+01	6.66E+00	2.19E-01	-2.44E-02	0.00E+00
1.48E+01	6.59E+00	-1.94E-01	-1.71E-02	0.00E+00
1.48E+01	6.57E+00	-2.86E-01	-1.22E-02	0.00E+00
1.48E+01	6.75E+00	-2.57E-02	-1.22E-02	0.00E+00
1.48E+01	6.57E+00	3.55E-02	-1.71E-02	0.00E+00
1.49E+01	6.59E+00	-1.79E-01	-1.59E-02	0.00E+00
1.49E+01	6.46E+00	-7.16E-02	-1.71E-02	0.00E+00
1.49E+01	6.65E+00	-1.04E-02	-1.46E-02	0.00E+00
1.49E+01	6.51E+00	6.61E-02	-1.95E-02	0.00E+00
1.49E+01	6.65E+00	-5.63E-02	-1.71E-02	0.00E+00
1.50E+01	6.58E+00	-1.79E-01	-1.46E-02	0.00E+00

1.50E+01	6.48E+00	4.89E-03	-4.88E-03	0.00E+00
1.50E+01	6.53E+00	3.55E-02	-1.46E-02	0.00E+00
1.50E+01	6.65E+00	6.61E-02	-1.71E-02	0.00E+00
1.50E+01	6.67E+00	9.66E-02	-2.44E-02	0.00E+00
1.51E+01	6.61E+00	6.61E-02	-4.64E-02	0.00E+00
1.51E+01	6.66E+00	-4.10E-02	-1.71E-02	0.00E+00
1.51E+01	6.58E+00	1.58E-01	1.22E-03	0.00E+00
1.51E+01	6.49E+00	-3.31E-01	-2.20E-02	0.00E+00
1.51E+01	6.66E+00	1.27E-01	-1.71E-02	0.00E+00
1.52E+01	6.60E+00	-5.63E-02	-1.71E-02	0.00E+00
1.52E+01	6.61E+00	2.80E-01	-1.22E-02	0.00E+00
1.52E+01	6.60E+00	-8.68E-02	-2.44E-02	0.00E+00
1.52E+01	6.77E+00	1.88E-01	-2.93E-02	0.00E+00
1.52E+01	6.66E+00	-1.33E-01	-2.32E-02	0.00E+00
1.53E+01	6.52E+00	-2.57E-02	-1.22E-02	0.00E+00
1.53E+01	6.61E+00	-3.62E-01	-1.22E-02	0.00E+00
1.53E+01	6.58E+00	4.89E-03	-1.34E-02	0.00E+00
1.53E+01	6.71E+00	-2.09E-01	-2.20E-02	0.00E+00
1.53E+01	6.59E+00	-2.24E-01	-1.71E-02	0.00E+00
1.54E+01	6.61E+00	4.89E-03	-1.95E-02	0.00E+00
1.54E+01	6.66E+00	2.19E-01	-1.95E-02	0.00E+00

Current File O:\Projects\914220~1\ODYSSE~1\processed_data\Ody1126A.csv

Original File C:\Data\9142OdysseyLiftGate\Ody1126.dx3

File descrip 9142 2005 Honda Odyssey LiftGate liftgate - Esser

Project ID: Project ID

File ID: ORIGINAL

Test Date: #####

Test Time: 55:28.0

Current Da #####

Current Tin 8:36:18

Number of 4

Number of 1344

Independe 0.02

Independe -4.06

Independe Sec

Time	Angle	Force	LiftgateMo	StrutCal	Displacement
Sec	Degrees	lbs	volts	inches	
-4.06E+00	7.48E+01	-2.26E-02	-2.44E-03	0.00E+00	
-4.04E+00	7.49E+01	-7.34E-03	-2.20E-02	0.00E+00	
-4.02E+00	7.48E+01	6.91E-02	-3.17E-02	0.00E+00	
-4.00E+00	7.49E+01	4.21E-01	-1.95E-02	0.00E+00	
-3.98E+00	7.48E+01	9.97E-02	-1.22E-02	0.00E+00	
-3.96E+00	7.49E+01	9.97E-02	-8.54E-03	0.00E+00	
-3.94E+00	7.49E+01	3.90E-01	-2.08E-02	0.00E+00	
-3.92E+00	7.46E+01	3.85E-02	-1.71E-02	0.00E+00	
-3.90E+00	7.48E+01	1.61E-01	-1.10E-02	0.00E+00	
-3.88E+00	7.46E+01	1.30E-01	-1.22E-02	0.00E+00	
-3.86E+00	7.48E+01	6.91E-02	-7.32E-03	0.00E+00	
-3.84E+00	7.48E+01	2.32E-02	-1.22E-02	0.00E+00	
-3.82E+00	7.46E+01	3.85E-02	-4.88E-03	0.00E+00	
-3.80E+00	7.48E+01	1.61E-01	-1.71E-02	0.00E+00	
-3.78E+00	7.48E+01	3.85E-02	1.22E-03	0.00E+00	
-3.76E+00	7.48E+01	1.91E-01	-1.46E-02	0.00E+00	
-3.74E+00	7.48E+01	-1.45E-01	-3.66E-02	0.00E+00	
-3.72E+00	7.48E+01	-2.26E-02	-2.56E-02	0.00E+00	
-3.70E+00	7.48E+01	-2.06E-01	-2.20E-02	0.00E+00	
-3.68E+00	7.47E+01	2.32E-02	-9.77E-03	0.00E+00	
-3.66E+00	7.48E+01	9.97E-02	-2.08E-02	0.00E+00	
-3.64E+00	7.49E+01	-7.34E-03	-9.77E-03	0.00E+00	
-3.62E+00	7.48E+01	2.32E-02	-8.54E-03	0.00E+00	
-3.60E+00	7.48E+01	9.97E-02	-2.20E-02	0.00E+00	
-3.58E+00	7.47E+01	-2.37E-01	-1.46E-02	0.00E+00	
-3.56E+00	7.49E+01	1.61E-01	-2.32E-02	0.00E+00	
-3.54E+00	7.49E+01	2.37E-01	-2.20E-02	0.00E+00	
-3.52E+00	7.48E+01	-9.91E-02	-8.54E-03	0.00E+00	
-3.50E+00	7.48E+01	-2.26E-02	-2.69E-02	0.00E+00	
-3.48E+00	7.48E+01	3.85E-02	-2.20E-02	0.00E+00	
-3.46E+00	7.48E+01	6.91E-02	1.22E-03	0.00E+00	

-3.44E+00	7.47E+01	3.85E-02	-1.71E-02	0.00E+00
-3.42E+00	7.48E+01	1.30E-01	-1.22E-02	0.00E+00
-3.40E+00	7.48E+01	6.91E-02	-1.46E-02	0.00E+00
-3.38E+00	7.47E+01	9.97E-02	-7.32E-03	0.00E+00
-3.36E+00	7.47E+01	-5.32E-02	-4.88E-03	0.00E+00
-3.34E+00	7.48E+01	-5.32E-02	-1.95E-02	0.00E+00
-3.32E+00	7.48E+01	9.97E-02	-2.93E-02	0.00E+00
-3.30E+00	7.48E+01	1.46E-01	-2.56E-02	0.00E+00
-3.28E+00	7.48E+01	-1.76E-01	-4.88E-03	0.00E+00
-3.26E+00	7.48E+01	7.95E-03	-8.54E-03	0.00E+00
-3.24E+00	7.48E+01	9.97E-02	-1.95E-02	0.00E+00
-3.22E+00	7.47E+01	-5.32E-02	-7.32E-03	0.00E+00
-3.20E+00	7.48E+01	-2.52E-01	-1.59E-02	0.00E+00
-3.18E+00	7.49E+01	5.38E-02	-1.71E-02	0.00E+00
-3.16E+00	7.49E+01	3.14E-01	-2.44E-02	0.00E+00
-3.14E+00	7.48E+01	1.91E-01	-1.71E-02	0.00E+00
-3.12E+00	7.49E+01	-2.26E-02	-2.32E-02	0.00E+00
-3.10E+00	7.48E+01	-2.26E-02	-1.59E-02	0.00E+00
-3.08E+00	7.47E+01	-9.91E-02	-2.44E-02	0.00E+00
-3.06E+00	7.48E+01	1.61E-01	-2.20E-02	0.00E+00
-3.04E+00	7.46E+01	6.91E-02	-1.95E-02	0.00E+00
-3.02E+00	7.48E+01	8.44E-02	-2.44E-02	0.00E+00
-3.00E+00	7.48E+01	5.38E-02	-4.88E-03	0.00E+00
-2.98E+00	7.48E+01	6.91E-02	-3.17E-02	0.00E+00
-2.96E+00	7.48E+01	6.91E-02	-1.71E-02	0.00E+00
-2.94E+00	7.48E+01	1.15E-01	-3.30E-02	0.00E+00
-2.92E+00	7.48E+01	1.15E-01	-9.77E-03	0.00E+00
-2.90E+00	7.48E+01	7.95E-03	-1.46E-02	0.00E+00
-2.88E+00	7.48E+01	6.91E-02	-2.44E-02	0.00E+00
-2.86E+00	7.48E+01	-1.45E-01	-3.05E-02	0.00E+00
-2.84E+00	7.47E+01	-5.32E-02	-1.22E-02	0.00E+00
-2.82E+00	7.48E+01	5.38E-02	-1.83E-02	0.00E+00
-2.80E+00	7.48E+01	1.30E-01	-8.54E-03	0.00E+00
-2.78E+00	7.47E+01	6.91E-02	-1.46E-02	0.00E+00
-2.76E+00	7.48E+01	7.95E-03	-8.54E-03	0.00E+00
-2.74E+00	7.47E+01	-1.45E-01	-2.32E-02	0.00E+00
-2.72E+00	7.48E+01	-2.26E-02	-1.46E-02	0.00E+00
-2.70E+00	7.47E+01	-5.32E-02	-2.93E-02	0.00E+00
-2.68E+00	7.48E+01	-1.14E-01	-1.71E-02	0.00E+00
-2.66E+00	7.48E+01	1.61E-01	-2.20E-02	0.00E+00
-2.64E+00	7.49E+01	9.97E-02	-2.44E-02	0.00E+00
-2.62E+00	7.49E+01	5.38E-02	-9.77E-03	0.00E+00
-2.60E+00	7.49E+01	9.97E-02	-1.46E-02	0.00E+00
-2.58E+00	7.49E+01	1.15E-01	-1.46E-02	0.00E+00
-2.56E+00	7.49E+01	-8.38E-02	-3.17E-02	0.00E+00
-2.54E+00	7.48E+01	1.91E-01	-3.54E-02	0.00E+00
-2.52E+00	7.48E+01	1.15E-01	-2.08E-02	0.00E+00

-2.50E+00	7.48E+01	4.21E-01	-1.22E-02	0.00E+00
-2.48E+00	7.47E+01	1.46E-01	-3.30E-02	0.00E+00
-2.46E+00	7.48E+01	3.85E-02	-1.22E-02	0.00E+00
-2.44E+00	7.48E+01	7.95E-03	-2.69E-02	0.00E+00
-2.42E+00	7.47E+01	1.61E-01	-9.77E-03	0.00E+00
-2.40E+00	7.48E+01	9.97E-02	-9.77E-03	0.00E+00
-2.38E+00	7.47E+01	8.44E-02	-7.32E-03	0.00E+00
-2.36E+00	7.48E+01	-9.91E-02	-9.77E-03	0.00E+00
-2.34E+00	7.49E+01	-5.32E-02	-9.77E-03	0.00E+00
-2.32E+00	7.48E+01	-1.14E-01	-2.20E-02	0.00E+00
-2.30E+00	7.49E+01	9.97E-02	-3.91E-02	0.00E+00
-2.28E+00	7.49E+01	-7.34E-03	-2.20E-02	0.00E+00
-2.26E+00	7.48E+01	9.97E-02	-2.08E-02	0.00E+00
-2.24E+00	7.48E+01	1.61E-01	-3.17E-02	0.00E+00
-2.22E+00	7.47E+01	2.22E-01	1.46E-02	0.00E+00
-2.20E+00	7.48E+01	1.30E-01	-1.95E-02	0.00E+00
-2.18E+00	7.48E+01	-3.79E-02	-1.59E-02	0.00E+00
-2.16E+00	7.48E+01	1.46E-01	-3.17E-02	0.00E+00
-2.14E+00	7.48E+01	5.38E-02	-6.10E-03	0.00E+00
-2.12E+00	7.48E+01	-8.38E-02	-1.46E-02	0.00E+00
-2.10E+00	7.47E+01	3.75E-01	-1.95E-02	0.00E+00
-2.08E+00	7.48E+01	-3.79E-02	-1.22E-02	0.00E+00
-2.06E+00	7.48E+01	-2.26E-02	-1.71E-02	0.00E+00
-2.04E+00	7.48E+01	-2.26E-02	-2.20E-02	0.00E+00
-2.02E+00	7.47E+01	-3.79E-02	-8.54E-03	0.00E+00
-2.00E+00	7.48E+01	1.61E-01	-2.08E-02	0.00E+00
-1.98E+00	7.48E+01	1.30E-01	-1.46E-02	0.00E+00
-1.96E+00	7.49E+01	2.22E-01	-8.54E-03	0.00E+00
-1.94E+00	7.48E+01	1.61E-01	-1.10E-02	0.00E+00
-1.92E+00	7.47E+01	-2.26E-02	-2.44E-02	0.00E+00
-1.90E+00	7.49E+01	6.91E-02	-2.20E-02	0.00E+00
-1.88E+00	7.49E+01	1.46E-01	-2.20E-02	0.00E+00
-1.86E+00	7.47E+01	1.91E-01	-1.10E-02	0.00E+00
-1.84E+00	7.48E+01	6.91E-02	-2.44E-03	0.00E+00
-1.82E+00	7.48E+01	3.85E-02	-1.71E-02	0.00E+00
-1.80E+00	7.47E+01	1.61E-01	7.32E-03	0.00E+00
-1.78E+00	7.49E+01	2.22E-01	-2.08E-02	0.00E+00
-1.76E+00	7.48E+01	-8.38E-02	-1.71E-02	0.00E+00
-1.74E+00	7.48E+01	3.85E-02	-9.77E-03	0.00E+00
-1.72E+00	7.48E+01	-9.91E-02	-1.46E-02	0.00E+00
-1.70E+00	7.49E+01	1.30E-01	-1.34E-02	0.00E+00
-1.68E+00	7.48E+01	1.61E-01	-1.71E-02	0.00E+00
-1.66E+00	7.48E+01	6.91E-02	-1.46E-02	0.00E+00
-1.64E+00	7.48E+01	-7.34E-03	-1.71E-02	0.00E+00
-1.62E+00	7.48E+01	2.32E-02	-2.69E-02	0.00E+00
-1.60E+00	7.49E+01	6.91E-02	-3.42E-02	0.00E+00
-1.58E+00	7.48E+01	6.91E-02	-4.15E-02	0.00E+00

-1.56E+00	7.48E+01	-2.26E-02	-1.95E-02	0.00E+00
-1.54E+00	7.48E+01	7.95E-03	-2.08E-02	0.00E+00
-1.52E+00	7.48E+01	9.97E-02	-2.20E-02	0.00E+00
-1.50E+00	7.47E+01	-5.32E-02	-1.10E-02	0.00E+00
-1.48E+00	7.48E+01	9.97E-02	-1.95E-02	0.00E+00
-1.46E+00	7.48E+01	3.75E-01	-1.22E-02	0.00E+00
-1.44E+00	7.48E+01	7.95E-03	-7.32E-03	0.00E+00
-1.42E+00	7.48E+01	7.95E-03	-2.44E-02	0.00E+00
-1.40E+00	7.48E+01	-6.85E-02	-1.46E-02	0.00E+00
-1.38E+00	7.46E+01	1.30E-01	-1.22E-02	0.00E+00
-1.36E+00	7.48E+01	-5.32E-02	-2.08E-02	0.00E+00
-1.34E+00	7.49E+01	7.95E-03	-4.15E-02	0.00E+00
-1.32E+00	7.48E+01	-5.32E-02	-1.71E-02	0.00E+00
-1.30E+00	7.48E+01	2.22E-01	-2.93E-02	0.00E+00
-1.28E+00	7.49E+01	5.38E-02	-2.81E-02	0.00E+00
-1.26E+00	7.49E+01	3.44E-01	-4.64E-02	0.00E+00
-1.24E+00	7.47E+01	1.30E-01	-7.32E-03	0.00E+00
-1.22E+00	7.48E+01	1.91E-01	-1.95E-02	0.00E+00
-1.20E+00	7.48E+01	1.61E-01	-3.17E-02	0.00E+00
-1.18E+00	7.48E+01	-1.76E-01	-4.88E-03	0.00E+00
-1.16E+00	7.47E+01	7.95E-03	-7.32E-03	0.00E+00
-1.14E+00	7.49E+01	2.37E-01	-1.46E-02	0.00E+00
-1.12E+00	7.48E+01	1.30E-01	-1.22E-02	0.00E+00
-1.10E+00	7.48E+01	6.91E-02	-9.77E-03	0.00E+00
-1.08E+00	7.48E+01	-2.06E-01	-1.46E-02	0.00E+00
-1.06E+00	7.46E+01	7.95E-03	-2.08E-02	0.00E+00
-1.04E+00	7.48E+01	-8.38E-02	-1.34E-02	0.00E+00
-1.02E+00	7.47E+01	-7.34E-03	-2.32E-02	0.00E+00
-1.00E+00	7.48E+01	-8.38E-02	-2.44E-02	0.00E+00
-9.80E-01	7.48E+01	2.32E-02	0.00E+00	0.00E+00
-9.60E-01	7.49E+01	6.91E-02	-2.93E-02	0.00E+00
-9.40E-01	7.48E+01	6.91E-02	-8.54E-03	0.00E+00
-9.20E-01	7.49E+01	4.67E-01	-1.59E-02	0.00E+00
-9.00E-01	7.48E+01	1.76E-01	-7.32E-03	0.00E+00
-8.80E-01	7.47E+01	6.91E-02	-1.22E-03	0.00E+00
-8.60E-01	7.48E+01	-1.14E-01	-7.32E-03	0.00E+00
-8.40E-01	7.48E+01	3.85E-02	-7.32E-03	0.00E+00
-8.20E-01	7.47E+01	3.14E-01	-1.22E-02	0.00E+00
-8.00E-01	7.46E+01	1.15E-01	-1.71E-02	0.00E+00
-7.80E-01	7.48E+01	9.97E-02	-2.20E-02	0.00E+00
-7.60E-01	7.48E+01	-5.32E-02	-8.54E-03	0.00E+00
-7.40E-01	7.45E+01	-7.34E-03	-2.69E-02	0.00E+00
-7.20E-01	7.49E+01	-2.26E-02	-2.44E-02	0.00E+00
-7.00E-01	7.48E+01	1.15E-01	-2.44E-02	0.00E+00
-6.80E-01	7.48E+01	6.91E-02	-2.20E-02	0.00E+00
-6.60E-01	7.48E+01	5.38E-02	-1.83E-02	0.00E+00
-6.40E-01	7.49E+01	9.97E-02	-1.46E-02	0.00E+00

-6.20E-01	7.48E+01	3.44E-01	-9.77E-03	0.00E+00
-6.00E-01	7.48E+01	9.97E-02	-2.44E-02	0.00E+00
-5.80E-01	7.48E+01	1.61E-01	-9.77E-03	0.00E+00
-5.60E-01	7.48E+01	-2.26E-02	-2.20E-02	0.00E+00
-5.40E-01	7.48E+01	9.97E-02	-7.32E-03	0.00E+00
-5.20E-01	7.48E+01	1.76E-01	-2.44E-02	0.00E+00
-5.00E-01	7.50E+01	3.29E-01	-1.95E-02	0.00E+00
-4.80E-01	7.48E+01	7.95E-03	-2.69E-02	0.00E+00
-4.60E-01	7.47E+01	-3.79E-02	-2.44E-02	0.00E+00
-4.40E-01	7.48E+01	1.91E-01	-2.44E-02	0.00E+00
-4.20E-01	7.48E+01	1.61E-01	-7.32E-03	0.00E+00
-4.00E-01	7.48E+01	7.95E-03	-9.77E-03	0.00E+00
-3.80E-01	7.48E+01	7.95E-03	-9.77E-03	0.00E+00
-3.60E-01	7.48E+01	9.97E-02	-1.59E-02	0.00E+00
-3.40E-01	7.48E+01	9.97E-02	-3.91E-02	0.00E+00
-3.20E-01	7.48E+01	-2.26E-02	-4.88E-03	0.00E+00
-3.00E-01	7.47E+01	-5.32E-02	-3.05E-02	0.00E+00
-2.80E-01	7.48E+01	-2.52E-01	-4.88E-03	0.00E+00
-2.60E-01	7.48E+01	8.44E-02	-1.10E-02	0.00E+00
-2.40E-01	7.47E+01	9.97E-02	-2.44E-02	0.00E+00
-2.20E-01	7.48E+01	5.38E-02	-2.81E-02	0.00E+00
-2.00E-01	7.50E+01	7.95E-03	-1.46E-02	0.00E+00
-1.80E-01	7.47E+01	-6.85E-02	-1.71E-02	0.00E+00
-1.60E-01	7.47E+01	7.95E-03	-3.17E-02	0.00E+00
-1.40E-01	7.48E+01	9.97E-02	-1.71E-02	0.00E+00
-1.20E-01	7.48E+01	1.30E-01	-1.34E-02	0.00E+00
-1.00E-01	7.47E+01	7.95E-03	-4.88E-03	0.00E+00
-8.00E-02	7.45E+01	1.91E-01	8.54E-03	0.00E+00
-6.00E-02	7.43E+01	1.46E-01	-2.20E-02	0.00E+00
-4.00E-02	7.42E+01	-3.79E-02	-1.10E-02	0.00E+00
-2.00E-02	7.42E+01	1.76E-01	-3.66E-02	0.00E+00
0.00E+00	7.41E+01	-2.06E-01	-6.10E-03	0.00E+00
2.00E-02	7.42E+01	-8.38E-02	-1.46E-02	0.00E+00
4.00E-02	7.42E+01	9.97E-02	-1.46E-02	0.00E+00
6.00E-02	7.37E+01	-1.14E-01	-1.22E-02	0.00E+00
8.00E-02	7.36E+01	5.38E-02	-9.77E-03	0.00E+00
1.00E-01	7.36E+01	-2.26E-02	-1.34E-02	0.00E+00
1.20E-01	7.36E+01	6.91E-02	0.00E+00	0.00E+00
1.40E-01	7.35E+01	-8.38E-02	-1.46E-02	0.00E+00
1.60E-01	7.33E+01	7.95E-03	-3.42E-02	0.00E+00
1.80E-01	7.30E+01	7.95E-03	-2.20E-02	0.00E+00
2.00E-01	7.30E+01	1.61E-01	-3.91E-02	0.00E+00
2.20E-01	7.31E+01	6.91E-02	-2.08E-02	0.00E+00
2.40E-01	7.26E+01	1.61E-01	-3.66E-02	0.00E+00
2.60E-01	7.25E+01	7.95E-03	-2.20E-02	0.00E+00
2.80E-01	7.25E+01	-2.26E-02	-2.69E-02	0.00E+00
3.00E-01	7.22E+01	1.15E-01	-3.17E-02	0.00E+00

3.20E-01	7.19E+01	-1.14E-01	-1.46E-02	0.00E+00
3.40E-01	7.19E+01	3.85E-02	-2.20E-02	0.00E+00
3.60E-01	7.17E+01	-2.26E-02	-1.46E-02	0.00E+00
3.80E-01	7.12E+01	9.97E-02	-4.88E-03	0.00E+00
4.00E-01	7.13E+01	6.91E-02	-2.20E-02	0.00E+00
4.20E-01	7.13E+01	8.44E-02	-1.22E-02	0.00E+00
4.40E-01	7.09E+01	-5.32E-02	-1.46E-02	0.00E+00
4.60E-01	7.07E+01	6.91E-02	-1.22E-02	0.00E+00
4.80E-01	7.07E+01	-5.32E-02	-2.08E-02	0.00E+00
5.00E-01	7.06E+01	-6.85E-02	-2.20E-02	0.00E+00
5.20E-01	7.07E+01	-7.34E-03	-2.44E-03	0.00E+00
5.40E-01	7.03E+01	6.91E-02	-1.95E-02	0.00E+00
5.60E-01	7.00E+01	2.83E-01	-2.20E-02	0.00E+00
5.80E-01	7.01E+01	-9.91E-02	-1.59E-02	0.00E+00
6.00E-01	6.97E+01	1.30E-01	-1.71E-02	0.00E+00
6.20E-01	6.93E+01	1.30E-01	-1.46E-02	0.00E+00
6.40E-01	6.94E+01	1.61E-01	-1.22E-02	0.00E+00
6.60E-01	6.94E+01	-5.32E-02	1.22E-03	0.00E+00
6.80E-01	6.87E+01	-2.26E-02	-1.46E-02	0.00E+00
7.00E-01	6.86E+01	8.44E-02	0.00E+00	0.00E+00
7.20E-01	6.87E+01	5.38E-02	-2.08E-02	0.00E+00
7.40E-01	6.81E+01	-8.38E-02	-2.08E-02	0.00E+00
7.60E-01	6.80E+01	3.85E-02	-2.20E-02	0.00E+00
7.80E-01	6.79E+01	1.30E-01	-2.44E-02	0.00E+00
8.00E-01	6.76E+01	-8.38E-02	-2.93E-02	0.00E+00
8.20E-01	6.73E+01	-7.34E-03	-2.56E-02	0.00E+00
8.40E-01	6.73E+01	1.30E-01	-2.69E-02	0.00E+00
8.60E-01	6.73E+01	3.85E-02	-2.20E-02	0.00E+00
8.80E-01	6.67E+01	1.30E-01	-2.93E-02	0.00E+00
9.00E-01	6.67E+01	7.95E-03	-2.69E-02	0.00E+00
9.20E-01	6.66E+01	-1.14E-01	-2.20E-02	0.00E+00
9.40E-01	6.62E+01	-9.91E-02	-4.03E-02	0.00E+00
9.60E-01	6.61E+01	1.46E-01	-1.95E-02	0.00E+00
9.80E-01	6.61E+01	-3.79E-02	-7.32E-03	0.00E+00
1.00E+00	6.58E+01	1.61E-01	-1.59E-02	0.00E+00
1.02E+00	6.55E+01	-7.34E-03	-7.32E-03	0.00E+00
1.04E+00	6.55E+01	1.61E-01	4.88E-03	0.00E+00
1.06E+00	6.51E+01	3.75E-01	-9.77E-03	0.00E+00
1.08E+00	6.49E+01	1.76E-01	-3.66E-03	0.00E+00
1.10E+00	6.48E+01	1.30E-01	-1.71E-02	0.00E+00
1.12E+00	6.50E+01	-2.26E-02	-1.46E-02	0.00E+00
1.14E+00	6.43E+01	3.85E-02	-2.44E-02	0.00E+00
1.16E+00	6.43E+01	1.91E-01	-1.59E-02	0.00E+00
1.18E+00	6.44E+01	-1.30E-01	-2.20E-02	0.00E+00
1.20E+00	6.38E+01	6.91E-02	-2.44E-02	0.00E+00
1.22E+00	6.38E+01	2.32E-02	-9.77E-03	0.00E+00
1.24E+00	6.36E+01	-1.76E-01	-1.83E-02	0.00E+00

1.26E+00	6.32E+01	-2.26E-02	-4.03E-02	0.00E+00
1.28E+00	6.32E+01	5.38E-02	-2.20E-02	0.00E+00
1.30E+00	6.30E+01	-5.32E-02	-4.88E-03	0.00E+00
1.32E+00	6.25E+01	5.38E-02	-2.69E-02	0.00E+00
1.34E+00	6.27E+01	6.91E-02	-2.69E-02	0.00E+00
1.36E+00	6.25E+01	1.61E-01	-2.08E-02	0.00E+00
1.38E+00	6.20E+01	6.91E-02	-2.44E-02	0.00E+00
1.40E+00	6.20E+01	1.30E-01	-2.32E-02	0.00E+00
1.42E+00	6.19E+01	3.85E-02	-1.22E-02	0.00E+00
1.44E+00	6.12E+01	1.46E-01	-8.54E-03	0.00E+00
1.46E+00	6.14E+01	3.85E-02	-1.95E-02	0.00E+00
1.48E+00	6.13E+01	-5.32E-02	-1.22E-02	0.00E+00
1.50E+00	6.08E+01	5.38E-02	4.88E-03	0.00E+00
1.52E+00	6.07E+01	-8.38E-02	-7.32E-03	0.00E+00
1.54E+00	6.08E+01	-9.91E-02	-1.22E-02	0.00E+00
1.56E+00	6.02E+01	2.22E-01	-1.71E-02	0.00E+00
1.58E+00	6.03E+01	6.91E-02	-6.10E-03	0.00E+00
1.60E+00	6.02E+01	-5.32E-02	-8.54E-03	0.00E+00
1.62E+00	5.97E+01	9.97E-02	-3.66E-02	0.00E+00
1.64E+00	5.98E+01	-2.98E-01	-1.95E-02	0.00E+00
1.66E+00	5.95E+01	9.97E-02	-1.95E-02	0.00E+00
1.68E+00	5.91E+01	6.91E-02	-1.22E-02	0.00E+00
1.70E+00	5.92E+01	4.36E-01	-3.05E-02	0.00E+00
1.72E+00	5.89E+01	3.85E-02	-7.32E-03	0.00E+00
1.74E+00	5.84E+01	1.91E-01	-1.83E-02	0.00E+00
1.76E+00	5.87E+01	7.95E-03	-1.22E-02	0.00E+00
1.78E+00	5.83E+01	1.46E-01	-1.95E-02	0.00E+00
1.80E+00	5.79E+01	-9.91E-02	-1.59E-02	0.00E+00
1.82E+00	5.80E+01	-2.26E-02	-2.93E-02	0.00E+00
1.84E+00	5.77E+01	9.97E-02	-1.22E-02	0.00E+00
1.86E+00	5.73E+01	3.85E-02	-1.22E-02	0.00E+00
1.88E+00	5.73E+01	2.68E-01	-1.22E-02	0.00E+00
1.90E+00	5.70E+01	3.85E-02	-3.91E-02	0.00E+00
1.92E+00	5.69E+01	2.83E-01	-2.20E-02	0.00E+00
1.94E+00	5.68E+01	-1.14E-01	-1.22E-02	0.00E+00
1.96E+00	5.62E+01	-2.26E-02	-2.20E-02	0.00E+00
1.98E+00	5.62E+01	1.46E-01	-1.95E-02	0.00E+00
2.00E+00	5.59E+01	9.97E-02	-1.46E-02	0.00E+00
2.02E+00	5.56E+01	-3.79E-02	-2.81E-02	0.00E+00
2.04E+00	5.58E+01	3.85E-02	-2.08E-02	0.00E+00
2.06E+00	5.53E+01	2.22E-01	-7.32E-03	0.00E+00
2.08E+00	5.49E+01	9.97E-02	-9.77E-03	0.00E+00
2.10E+00	5.50E+01	8.44E-02	-9.77E-03	0.00E+00
2.12E+00	5.44E+01	5.38E-02	-1.22E-02	0.00E+00
2.14E+00	5.43E+01	6.91E-02	4.88E-03	0.00E+00
2.16E+00	5.41E+01	3.85E-02	-1.22E-02	0.00E+00
2.18E+00	5.38E+01	7.95E-03	-2.44E-02	0.00E+00

2.20E+00	5.39E+01	-2.26E-02	-2.20E-02	0.00E+00
2.22E+00	5.36E+01	9.97E-02	-4.27E-02	0.00E+00
2.24E+00	5.34E+01	6.91E-02	-2.20E-02	0.00E+00
2.26E+00	5.33E+01	-5.32E-02	-2.44E-03	0.00E+00
2.28E+00	5.28E+01	-5.32E-02	-1.95E-02	0.00E+00
2.30E+00	5.27E+01	4.36E-01	-2.20E-02	0.00E+00
2.32E+00	5.27E+01	9.97E-02	-1.46E-02	0.00E+00
2.34E+00	5.21E+01	7.95E-03	-9.77E-03	0.00E+00
2.36E+00	5.21E+01	1.30E-01	-9.77E-03	0.00E+00
2.38E+00	5.17E+01	5.43E-01	-1.22E-02	0.00E+00
2.40E+00	5.16E+01	1.46E-01	-9.77E-03	0.00E+00
2.42E+00	5.15E+01	9.97E-02	-2.20E-02	0.00E+00
2.44E+00	5.11E+01	2.22E-01	-1.46E-02	0.00E+00
2.46E+00	5.09E+01	5.38E-02	-9.77E-03	0.00E+00
2.48E+00	5.09E+01	8.44E-02	-1.22E-02	0.00E+00
2.50E+00	5.02E+01	2.07E-01	-2.44E-03	0.00E+00
2.52E+00	5.04E+01	6.91E-02	-7.32E-03	0.00E+00
2.54E+00	5.03E+01	1.30E-01	-9.77E-03	0.00E+00
2.56E+00	4.97E+01	-7.34E-03	4.88E-03	0.00E+00
2.58E+00	4.98E+01	1.30E-01	-1.46E-02	0.00E+00
2.60E+00	4.95E+01	-8.38E-02	-1.83E-02	0.00E+00
2.62E+00	4.92E+01	-2.37E-01	-1.22E-02	0.00E+00
2.64E+00	4.92E+01	-1.14E-01	-4.15E-02	0.00E+00
2.66E+00	4.87E+01	-8.38E-02	-2.44E-02	0.00E+00
2.68E+00	4.87E+01	-1.14E-01	-3.78E-02	0.00E+00
2.70E+00	4.87E+01	-1.14E-01	-1.95E-02	0.00E+00
2.72E+00	4.81E+01	7.95E-03	-1.95E-02	0.00E+00
2.74E+00	4.82E+01	7.95E-03	-3.30E-02	0.00E+00
2.76E+00	4.78E+01	-6.85E-02	-9.77E-03	0.00E+00
2.78E+00	4.76E+01	1.76E-01	-1.46E-02	0.00E+00
2.80E+00	4.75E+01	7.95E-03	-1.22E-02	0.00E+00
2.82E+00	4.70E+01	2.22E-01	-1.46E-02	0.00E+00
2.84E+00	4.69E+01	3.85E-02	-4.88E-03	0.00E+00
2.86E+00	4.68E+01	1.30E-01	-1.46E-02	0.00E+00
2.88E+00	4.63E+01	-5.32E-02	-1.22E-02	0.00E+00
2.90E+00	4.63E+01	-2.26E-02	-7.32E-03	0.00E+00
2.92E+00	4.60E+01	7.95E-03	-3.17E-02	0.00E+00
2.94E+00	4.58E+01	-7.34E-03	-2.20E-02	0.00E+00
2.96E+00	4.56E+01	7.95E-03	-2.08E-02	0.00E+00
2.98E+00	4.52E+01	-8.38E-02	-1.22E-02	0.00E+00
3.00E+00	4.52E+01	1.61E-01	-2.44E-02	0.00E+00
3.02E+00	4.47E+01	7.95E-03	-9.77E-03	0.00E+00
3.04E+00	4.44E+01	1.15E-01	-1.46E-02	0.00E+00
3.06E+00	4.43E+01	6.91E-02	-4.88E-03	0.00E+00
3.08E+00	4.40E+01	-2.26E-02	-1.10E-02	0.00E+00
3.10E+00	4.41E+01	-8.38E-02	-2.44E-02	0.00E+00
3.12E+00	4.34E+01	-5.32E-02	-1.95E-02	0.00E+00

3.14E+00	4.35E+01	7.95E-03	-2.69E-02	0.00E+00
3.16E+00	4.28E+01	7.95E-03	-2.44E-02	0.00E+00
3.18E+00	4.28E+01	6.91E-02	-1.95E-02	0.00E+00
3.20E+00	4.26E+01	9.97E-02	-1.95E-02	0.00E+00
3.22E+00	4.23E+01	1.15E-01	-3.66E-03	0.00E+00
3.24E+00	4.22E+01	3.14E-01	-1.95E-02	0.00E+00
3.26E+00	4.18E+01	1.61E-01	-2.20E-02	0.00E+00
3.28E+00	4.16E+01	1.30E-01	-1.22E-03	0.00E+00
3.30E+00	4.11E+01	3.29E-01	-1.34E-02	0.00E+00
3.32E+00	4.10E+01	1.61E-01	-2.20E-02	0.00E+00
3.34E+00	4.09E+01	1.91E-01	-1.59E-02	0.00E+00
3.36E+00	4.07E+01	-5.32E-02	-1.46E-02	0.00E+00
3.38E+00	4.05E+01	-2.26E-02	-2.44E-02	0.00E+00
3.40E+00	4.00E+01	-6.85E-02	-1.22E-02	0.00E+00
3.42E+00	4.00E+01	-3.79E-02	-2.20E-02	0.00E+00
3.44E+00	3.94E+01	-6.85E-02	-4.76E-02	0.00E+00
3.46E+00	3.95E+01	2.32E-02	-2.32E-02	0.00E+00
3.48E+00	3.91E+01	1.91E-01	-1.95E-02	0.00E+00
3.50E+00	3.88E+01	1.30E-01	-3.78E-02	0.00E+00
3.52E+00	3.89E+01	1.76E-01	-1.22E-02	0.00E+00
3.54E+00	3.83E+01	2.22E-01	-4.88E-03	0.00E+00
3.56E+00	3.81E+01	-7.34E-03	-1.10E-02	0.00E+00
3.58E+00	3.76E+01	1.61E-01	-1.46E-02	0.00E+00
3.60E+00	3.76E+01	3.85E-02	-1.10E-02	0.00E+00
3.62E+00	3.72E+01	-2.37E-01	-7.32E-03	0.00E+00
3.64E+00	3.70E+01	-1.45E-01	-2.69E-02	0.00E+00
3.66E+00	3.68E+01	9.97E-02	-1.71E-02	0.00E+00
3.68E+00	3.68E+01	-5.32E-02	-2.32E-02	0.00E+00
3.70E+00	3.63E+01	8.44E-02	-4.88E-03	0.00E+00
3.72E+00	3.61E+01	-8.38E-02	-2.08E-02	0.00E+00
3.74E+00	3.59E+01	-7.34E-03	-3.17E-02	0.00E+00
3.76E+00	3.58E+01	-2.06E-01	4.88E-03	0.00E+00
3.78E+00	3.53E+01	7.95E-03	-2.81E-02	0.00E+00
3.80E+00	3.53E+01	7.95E-03	-2.69E-02	0.00E+00
3.82E+00	3.48E+01	3.85E-02	-1.22E-02	0.00E+00
3.84E+00	3.47E+01	3.60E-01	-1.95E-02	0.00E+00
3.86E+00	3.43E+01	1.46E-01	-1.22E-02	0.00E+00
3.88E+00	3.41E+01	3.14E-01	-1.22E-02	0.00E+00
3.90E+00	3.38E+01	3.85E-02	-1.59E-02	0.00E+00
3.92E+00	3.35E+01	1.61E-01	-1.34E-02	0.00E+00
3.94E+00	3.32E+01	6.91E-02	-9.77E-03	0.00E+00
3.96E+00	3.29E+01	8.44E-02	-2.44E-02	0.00E+00
3.98E+00	3.28E+01	-1.45E-01	-7.32E-03	0.00E+00
4.00E+00	3.23E+01	-5.32E-02	-2.69E-02	0.00E+00
4.02E+00	3.22E+01	2.37E-01	-1.46E-02	0.00E+00
4.04E+00	3.17E+01	-8.38E-02	9.77E-03	0.00E+00
4.06E+00	3.14E+01	7.95E-03	-1.71E-02	0.00E+00

4.08E+00	3.12E+01	1.76E-01	-1.10E-02	0.00E+00
4.10E+00	3.10E+01	-3.90E-01	-7.32E-03	0.00E+00
4.12E+00	3.06E+01	-8.38E-02	-1.95E-02	0.00E+00
4.14E+00	3.02E+01	-8.38E-02	-2.93E-02	0.00E+00
4.16E+00	3.01E+01	9.97E-02	-1.71E-02	0.00E+00
4.18E+00	2.96E+01	1.61E-01	-2.69E-02	0.00E+00
4.20E+00	2.95E+01	3.85E-02	-1.95E-02	0.00E+00
4.22E+00	2.92E+01	9.97E-02	0.00E+00	0.00E+00
4.24E+00	2.89E+01	1.30E-01	-1.10E-02	0.00E+00
4.26E+00	2.87E+01	1.30E-01	-1.22E-02	0.00E+00
4.28E+00	2.84E+01	1.30E-01	-2.32E-02	0.00E+00
4.30E+00	2.81E+01	3.44E-01	0.00E+00	0.00E+00
4.32E+00	2.76E+01	2.32E-02	-4.88E-03	0.00E+00
4.34E+00	2.75E+01	-1.14E-01	-1.46E-02	0.00E+00
4.36E+00	2.72E+01	-2.26E-02	-4.88E-03	0.00E+00
4.38E+00	2.68E+01	1.76E-01	-1.34E-02	0.00E+00
4.40E+00	2.64E+01	-7.34E-03	-2.69E-02	0.00E+00
4.42E+00	2.62E+01	-2.21E-01	-1.59E-02	0.00E+00
4.44E+00	2.57E+01	6.91E-02	-1.83E-02	0.00E+00
4.46E+00	2.54E+01	3.85E-02	-1.46E-02	0.00E+00
4.48E+00	2.51E+01	-2.26E-02	-1.71E-02	0.00E+00
4.50E+00	2.50E+01	6.91E-02	-7.32E-03	0.00E+00
4.52E+00	2.44E+01	9.97E-02	-1.71E-02	0.00E+00
4.54E+00	2.43E+01	1.30E-01	-1.34E-02	0.00E+00
4.56E+00	2.41E+01	1.30E-01	-1.59E-02	0.00E+00
4.58E+00	2.37E+01	1.61E-01	-1.22E-02	0.00E+00
4.60E+00	2.34E+01	5.38E-02	-2.69E-02	0.00E+00
4.62E+00	2.30E+01	-1.45E-01	1.46E-02	0.00E+00
4.64E+00	2.30E+01	3.85E-02	-7.32E-03	0.00E+00
4.66E+00	2.25E+01	-5.32E-02	-9.77E-03	0.00E+00
4.68E+00	2.26E+01	3.85E-02	-7.32E-03	0.00E+00
4.70E+00	2.21E+01	3.44E-01	-2.56E-02	0.00E+00
4.72E+00	2.19E+01	1.30E-01	-2.93E-02	0.00E+00
4.74E+00	2.14E+01	8.44E-02	-1.71E-02	0.00E+00
4.76E+00	2.16E+01	3.85E-02	-2.69E-02	0.00E+00
4.78E+00	2.11E+01	7.95E-03	-1.71E-02	0.00E+00
4.80E+00	2.08E+01	2.22E-01	-2.08E-02	0.00E+00
4.82E+00	2.02E+01	5.38E-02	-1.71E-02	0.00E+00
4.84E+00	2.03E+01	2.53E-01	-1.46E-02	0.00E+00
4.86E+00	1.96E+01	1.15E-01	-4.88E-03	0.00E+00
4.88E+00	1.95E+01	6.91E-02	-1.34E-02	0.00E+00
4.90E+00	1.91E+01	-5.32E-02	-1.71E-02	0.00E+00
4.92E+00	1.89E+01	-5.32E-02	-1.95E-02	0.00E+00
4.94E+00	1.85E+01	-8.38E-02	3.66E-03	0.00E+00
4.96E+00	1.81E+01	1.15E-01	-8.54E-03	0.00E+00
4.98E+00	1.78E+01	7.95E-03	-1.46E-02	0.00E+00
5.00E+00	1.77E+01	-2.26E-02	-3.42E-02	0.00E+00

5.02E+00	1.73E+01	3.85E-02	-2.44E-03	0.00E+00
5.04E+00	1.72E+01	-5.32E-02	2.44E-03	0.00E+00
5.06E+00	1.68E+01	-9.91E-02	-1.46E-02	0.00E+00
5.08E+00	1.65E+01	6.91E-02	-1.71E-02	0.00E+00
5.10E+00	1.61E+01	3.85E-02	-1.95E-02	0.00E+00
5.12E+00	1.61E+01	-1.14E-01	-1.34E-02	0.00E+00
5.14E+00	1.54E+01	9.97E-02	-2.32E-02	0.00E+00
5.16E+00	1.54E+01	-2.26E-02	-2.08E-02	0.00E+00
5.18E+00	1.50E+01	1.91E-01	-4.88E-03	0.00E+00
5.20E+00	1.50E+01	1.61E-01	-2.20E-02	0.00E+00
5.22E+00	1.44E+01	2.53E-01	-1.46E-02	0.00E+00
5.24E+00	1.44E+01	3.85E-02	-1.10E-02	0.00E+00
5.26E+00	1.38E+01	2.83E-01	-1.71E-02	0.00E+00
5.28E+00	1.38E+01	6.91E-02	-2.44E-03	0.00E+00
5.30E+00	1.33E+01	3.85E-02	-1.71E-02	0.00E+00
5.32E+00	1.33E+01	9.97E-02	-3.30E-02	0.00E+00
5.34E+00	1.27E+01	7.95E-03	-1.34E-02	0.00E+00
5.36E+00	1.26E+01	-5.32E-02	-1.10E-02	0.00E+00
5.38E+00	1.22E+01	2.83E-01	-1.71E-02	0.00E+00
5.40E+00	1.21E+01	3.85E-02	-1.95E-02	0.00E+00
5.42E+00	1.18E+01	3.85E-02	-2.44E-02	0.00E+00
5.44E+00	1.15E+01	-5.32E-02	-2.44E-02	0.00E+00
5.46E+00	1.13E+01	-2.26E-02	-2.44E-03	0.00E+00
5.48E+00	1.10E+01	2.22E-01	-1.83E-02	0.00E+00
5.50E+00	1.07E+01	5.38E-02	-1.83E-02	0.00E+00
5.52E+00	1.04E+01	-1.76E-01	-2.32E-02	0.00E+00
5.54E+00	1.01E+01	5.38E-02	-7.32E-03	0.00E+00
5.56E+00	9.75E+00	2.53E-01	-1.46E-02	0.00E+00
5.58E+00	9.33E+00	-8.38E-02	-3.66E-02	0.00E+00
5.60E+00	9.18E+00	-6.85E-02	-8.54E-03	0.00E+00
5.62E+00	8.67E+00	1.46E-01	-1.22E-02	0.00E+00
5.64E+00	8.68E+00	7.95E-03	-2.69E-02	0.00E+00
5.66E+00	8.13E+00	3.75E-01	-2.56E-02	0.00E+00
5.68E+00	7.95E+00	7.95E-03	-1.34E-02	0.00E+00
5.70E+00	7.66E+00	-9.91E-02	-1.22E-03	0.00E+00
5.72E+00	7.15E+00	-2.26E-02	-1.10E-02	0.00E+00
5.74E+00	7.15E+00	-1.30E-01	-1.95E-02	0.00E+00
5.76E+00	6.84E+00	3.85E-02	-1.22E-02	0.00E+00
5.78E+00	6.72E+00	1.30E-01	-3.42E-02	0.00E+00
5.80E+00	6.43E+00	-8.38E-02	-2.08E-02	0.00E+00
5.82E+00	6.33E+00	1.30E-01	-2.93E-02	0.00E+00
5.84E+00	6.24E+00	6.91E-02	-1.95E-02	0.00E+00
5.86E+00	6.34E+00	3.85E-02	-9.77E-03	0.00E+00
5.88E+00	6.33E+00	-3.28E-01	-1.95E-02	0.00E+00
5.90E+00	6.26E+00	7.95E-03	-1.46E-02	0.00E+00
5.92E+00	6.33E+00	2.83E-01	-1.46E-02	0.00E+00
5.94E+00	6.20E+00	3.85E-02	-1.95E-02	0.00E+00

5.96E+00	6.24E+00	7.95E-03	-4.88E-03	0.00E+00
5.98E+00	6.23E+00	9.97E-02	-1.46E-02	0.00E+00
6.00E+00	6.20E+00	-2.26E-02	-3.42E-02	0.00E+00
6.02E+00	6.28E+00	3.85E-02	-1.46E-02	0.00E+00
6.04E+00	6.31E+00	-5.32E-02	-2.56E-02	0.00E+00
6.06E+00	6.86E+00	-1.91E-01	-2.69E-02	0.00E+00
6.08E+00	6.64E+00	3.85E-02	-5.37E-02	0.00E+00
6.10E+00	6.69E+00	2.37E-01	-1.83E-02	0.00E+00
6.12E+00	6.86E+00	3.85E-02	-7.32E-03	0.00E+00
6.14E+00	7.09E+00	4.97E-01	-2.44E-02	0.00E+00
6.16E+00	7.27E+00	1.30E-01	-9.77E-03	0.00E+00
6.18E+00	6.91E+00	6.91E-02	-7.32E-03	0.00E+00
6.20E+00	7.32E+00	-1.45E-01	-9.77E-03	0.00E+00
6.22E+00	7.78E+00	-2.26E-02	-2.20E-02	0.00E+00
6.24E+00	7.71E+00	-8.38E-02	-9.77E-03	0.00E+00
6.26E+00	7.48E+00	-5.32E-02	-4.15E-02	0.00E+00
6.28E+00	7.97E+00	-5.32E-02	-9.77E-03	0.00E+00
6.30E+00	8.07E+00	1.30E-01	-1.83E-02	0.00E+00
6.32E+00	8.03E+00	3.85E-02	-1.71E-02	0.00E+00
6.34E+00	8.35E+00	-1.60E-01	-1.10E-02	0.00E+00
6.36E+00	8.63E+00	2.98E-01	-2.20E-02	0.00E+00
6.38E+00	8.63E+00	7.95E-03	-1.71E-02	0.00E+00
6.40E+00	8.86E+00	3.85E-02	-1.83E-02	0.00E+00
6.42E+00	9.25E+00	2.53E-01	-2.69E-02	0.00E+00
6.44E+00	9.36E+00	1.30E-01	-2.69E-02	0.00E+00
6.46E+00	9.24E+00	3.85E-02	-1.71E-02	0.00E+00
6.48E+00	9.22E+00	3.85E-02	-3.66E-03	0.00E+00
6.50E+00	9.75E+00	3.85E-02	-1.71E-02	0.00E+00
6.52E+00	9.80E+00	1.91E-01	-2.20E-02	0.00E+00
6.54E+00	9.79E+00	7.95E-03	-1.22E-02	0.00E+00
6.56E+00	9.85E+00	9.97E-02	-3.30E-02	0.00E+00
6.58E+00	9.92E+00	1.76E-01	-1.83E-02	0.00E+00
6.60E+00	9.81E+00	-2.26E-02	-9.77E-03	0.00E+00
6.62E+00	9.80E+00	6.91E-02	-1.22E-02	0.00E+00
6.64E+00	9.83E+00	-2.26E-02	-1.22E-02	0.00E+00
6.66E+00	9.82E+00	7.95E-03	-1.95E-02	0.00E+00
6.68E+00	9.81E+00	-1.45E-01	-2.20E-02	0.00E+00
6.70E+00	9.74E+00	9.97E-02	-1.22E-03	0.00E+00
6.72E+00	9.74E+00	6.91E-02	-2.44E-02	0.00E+00
6.74E+00	9.70E+00	6.91E-02	-2.08E-02	0.00E+00
6.76E+00	9.53E+00	9.97E-02	-4.15E-02	0.00E+00
6.78E+00	9.55E+00	3.90E-01	0.00E+00	0.00E+00
6.80E+00	9.45E+00	5.38E-02	-2.81E-02	0.00E+00
6.82E+00	9.48E+00	-8.38E-02	-2.20E-02	0.00E+00
6.84E+00	9.46E+00	9.97E-02	-2.69E-02	0.00E+00
6.86E+00	9.46E+00	1.30E-01	-7.32E-03	0.00E+00
6.88E+00	9.43E+00	7.95E-03	-7.32E-03	0.00E+00

6.90E+00	9.53E+00	-5.32E-02	-1.46E-02	0.00E+00
6.92E+00	9.33E+00	1.61E-01	-9.77E-03	0.00E+00
6.94E+00	9.30E+00	9.97E-02	0.00E+00	0.00E+00
6.96E+00	9.36E+00	7.95E-03	-8.54E-03	0.00E+00
6.98E+00	9.50E+00	3.85E-02	-9.77E-03	0.00E+00
7.00E+00	9.47E+00	9.97E-02	-1.22E-02	0.00E+00
7.02E+00	9.41E+00	3.85E-02	-7.32E-03	0.00E+00
7.04E+00	9.42E+00	-1.14E-01	-2.44E-02	0.00E+00
7.06E+00	9.43E+00	-5.32E-02	0.00E+00	0.00E+00
7.08E+00	9.36E+00	-2.26E-02	-7.32E-03	0.00E+00
7.10E+00	9.40E+00	6.91E-02	-3.17E-02	0.00E+00
7.12E+00	9.48E+00	-1.14E-01	-1.95E-02	0.00E+00
7.14E+00	9.45E+00	8.44E-02	-1.71E-02	0.00E+00
7.16E+00	9.45E+00	6.91E-02	-2.44E-03	0.00E+00
7.18E+00	9.45E+00	2.83E-01	-2.56E-02	0.00E+00
7.20E+00	9.36E+00	1.91E-01	-3.05E-02	0.00E+00
7.22E+00	9.43E+00	1.91E-01	-1.46E-02	0.00E+00
7.24E+00	9.23E+00	8.44E-02	-2.08E-02	0.00E+00
7.26E+00	9.40E+00	9.97E-02	-2.44E-02	0.00E+00
7.28E+00	9.42E+00	1.30E-01	-1.22E-02	0.00E+00
7.30E+00	9.27E+00	9.97E-02	7.32E-03	0.00E+00
7.32E+00	9.31E+00	7.95E-03	-1.46E-02	0.00E+00
7.34E+00	9.40E+00	1.30E-01	-7.32E-03	0.00E+00
7.36E+00	9.36E+00	2.32E-02	-8.54E-03	0.00E+00
7.38E+00	9.34E+00	-6.85E-02	-3.54E-02	0.00E+00
7.40E+00	9.40E+00	7.95E-03	-1.10E-02	0.00E+00
7.42E+00	9.34E+00	-2.26E-02	-3.66E-02	0.00E+00
7.44E+00	9.33E+00	6.91E-02	-1.10E-02	0.00E+00
7.46E+00	9.34E+00	2.32E-02	-1.71E-02	0.00E+00
7.48E+00	9.35E+00	3.85E-02	-1.95E-02	0.00E+00
7.50E+00	9.45E+00	-9.91E-02	-1.22E-02	0.00E+00
7.52E+00	9.37E+00	7.95E-03	-2.44E-02	0.00E+00
7.54E+00	9.32E+00	-1.14E-01	-1.95E-02	0.00E+00
7.56E+00	9.56E+00	7.95E-03	-1.95E-02	0.00E+00
7.58E+00	9.42E+00	1.91E-01	-1.10E-02	0.00E+00
7.60E+00	9.39E+00	1.30E-01	-2.20E-02	0.00E+00
7.62E+00	9.48E+00	7.95E-03	-3.78E-02	0.00E+00
7.64E+00	9.43E+00	5.38E-02	-1.95E-02	0.00E+00
7.66E+00	9.34E+00	9.97E-02	-7.32E-03	0.00E+00
7.68E+00	9.39E+00	1.91E-01	-2.20E-02	0.00E+00
7.70E+00	9.36E+00	1.30E-01	-3.66E-02	0.00E+00
7.72E+00	9.31E+00	2.32E-02	-7.32E-03	0.00E+00
7.74E+00	9.30E+00	1.61E-01	-2.44E-03	0.00E+00
7.76E+00	9.21E+00	-3.28E-01	-7.32E-03	0.00E+00
7.78E+00	9.33E+00	9.97E-02	-1.22E-02	0.00E+00
7.80E+00	9.35E+00	-2.26E-02	-1.71E-02	0.00E+00
7.82E+00	9.39E+00	9.97E-02	-2.44E-02	0.00E+00

7.84E+00	9.41E+00	3.85E-02	-1.46E-02	0.00E+00
7.86E+00	9.36E+00	1.61E-01	-1.71E-02	0.00E+00
7.88E+00	9.34E+00	6.91E-02	-1.95E-02	0.00E+00
7.90E+00	9.40E+00	6.91E-02	-1.10E-02	0.00E+00
7.92E+00	9.37E+00	1.76E-01	-1.34E-02	0.00E+00
7.94E+00	9.31E+00	1.61E-01	-7.32E-03	0.00E+00
7.96E+00	9.33E+00	2.68E-01	-2.20E-02	0.00E+00
7.98E+00	9.31E+00	6.91E-02	-1.46E-02	0.00E+00
8.00E+00	9.31E+00	2.53E-01	-1.34E-02	0.00E+00
8.02E+00	9.21E+00	9.97E-02	-3.42E-02	0.00E+00
8.04E+00	9.23E+00	7.95E-03	-1.46E-02	0.00E+00
8.06E+00	9.17E+00	6.91E-02	3.66E-03	0.00E+00
8.08E+00	9.17E+00	4.36E-01	-3.17E-02	0.00E+00
8.10E+00	9.25E+00	1.15E-01	-1.83E-02	0.00E+00
8.12E+00	9.13E+00	7.95E-03	-1.59E-02	0.00E+00
8.14E+00	8.71E+00	3.44E-01	-1.83E-02	0.00E+00
8.16E+00	8.76E+00	1.91E-01	-1.95E-02	0.00E+00
8.18E+00	8.64E+00	-3.79E-02	-8.54E-03	0.00E+00
8.20E+00	8.29E+00	1.30E-01	-2.08E-02	0.00E+00
8.22E+00	8.03E+00	1.30E-01	-4.88E-03	0.00E+00
8.24E+00	8.06E+00	-7.34E-03	-1.22E-02	0.00E+00
8.26E+00	8.06E+00	-5.32E-02	4.88E-03	0.00E+00
8.28E+00	7.53E+00	3.85E-02	-2.32E-02	0.00E+00
8.30E+00	7.82E+00	9.97E-02	-1.59E-02	0.00E+00
8.32E+00	7.37E+00	3.85E-02	-2.08E-02	0.00E+00
8.34E+00	6.96E+00	7.95E-03	-4.39E-02	0.00E+00
8.36E+00	7.48E+00	2.98E-01	-1.83E-02	0.00E+00
8.38E+00	6.86E+00	1.30E-01	-7.32E-03	0.00E+00
8.40E+00	6.28E+00	3.14E-01	-2.44E-02	0.00E+00
8.42E+00	6.60E+00	1.91E-01	-2.44E-02	0.00E+00
8.44E+00	6.39E+00	9.97E-02	-2.20E-02	0.00E+00
8.46E+00	6.30E+00	1.61E-01	-1.71E-02	0.00E+00
8.48E+00	6.13E+00	1.46E-01	-3.54E-02	0.00E+00
8.50E+00	6.15E+00	3.14E-01	-1.22E-02	0.00E+00
8.52E+00	6.00E+00	2.32E-02	4.88E-03	0.00E+00
8.54E+00	5.99E+00	2.53E-01	-1.22E-02	0.00E+00
8.56E+00	6.00E+00	2.32E-02	-3.54E-02	0.00E+00
8.58E+00	5.93E+00	5.38E-02	-1.71E-02	0.00E+00
8.60E+00	5.93E+00	-1.45E-01	0.00E+00	0.00E+00
8.62E+00	6.00E+00	-2.98E-01	-1.22E-02	0.00E+00
8.64E+00	6.26E+00	-5.32E-02	-2.20E-02	0.00E+00
8.66E+00	6.28E+00	6.91E-02	-3.17E-02	0.00E+00
8.68E+00	6.31E+00	-2.26E-02	-2.44E-02	0.00E+00
8.70E+00	6.41E+00	8.44E-02	-4.88E-03	0.00E+00
8.72E+00	6.64E+00	5.38E-02	-1.22E-02	0.00E+00
8.74E+00	6.47E+00	-6.85E-02	-4.88E-03	0.00E+00
8.76E+00	6.31E+00	1.61E-01	1.22E-03	0.00E+00

8.78E+00	6.31E+00	7.95E-03	-1.95E-02	0.00E+00
8.80E+00	6.63E+00	-7.34E-03	-1.34E-02	0.00E+00
8.82E+00	6.89E+00	-7.34E-03	-1.46E-02	0.00E+00
8.84E+00	6.96E+00	3.85E-02	-1.71E-02	0.00E+00
8.86E+00	7.02E+00	-1.14E-01	-2.20E-02	0.00E+00
8.88E+00	6.93E+00	1.46E-01	-4.39E-02	0.00E+00
8.90E+00	6.90E+00	1.30E-01	-2.20E-02	0.00E+00
8.92E+00	7.21E+00	2.22E-01	-1.59E-02	0.00E+00
8.94E+00	7.50E+00	4.21E-01	-2.69E-02	0.00E+00
8.96E+00	7.44E+00	6.91E-02	-1.71E-02	0.00E+00
8.98E+00	7.53E+00	9.97E-02	-3.17E-02	0.00E+00
9.00E+00	7.49E+00	1.15E-01	-2.32E-02	0.00E+00
9.02E+00	7.78E+00	1.30E-01	-4.03E-02	0.00E+00
9.04E+00	8.02E+00	1.76E-01	-9.77E-03	0.00E+00
9.06E+00	7.98E+00	1.30E-01	0.00E+00	0.00E+00
9.08E+00	8.05E+00	-7.34E-03	-1.34E-02	0.00E+00
9.10E+00	8.03E+00	8.44E-02	-1.71E-02	0.00E+00
9.12E+00	8.49E+00	-1.14E-01	-1.46E-02	0.00E+00
9.14E+00	8.61E+00	2.32E-02	1.22E-03	0.00E+00
9.16E+00	8.58E+00	3.85E-02	-9.77E-03	0.00E+00
9.18E+00	8.59E+00	7.95E-03	-1.83E-02	0.00E+00
9.20E+00	8.68E+00	-5.32E-02	-1.83E-02	0.00E+00
9.22E+00	9.14E+00	-1.45E-01	-1.95E-02	0.00E+00
9.24E+00	9.07E+00	6.91E-02	-2.56E-02	0.00E+00
9.26E+00	9.18E+00	1.30E-01	-1.71E-02	0.00E+00
9.28E+00	9.25E+00	3.85E-02	-2.20E-02	0.00E+00
9.30E+00	9.28E+00	1.30E-01	-2.69E-02	0.00E+00
9.32E+00	9.21E+00	1.76E-01	-1.83E-02	0.00E+00
9.34E+00	9.22E+00	9.97E-02	-6.10E-03	0.00E+00
9.36E+00	9.15E+00	9.97E-02	-1.22E-02	0.00E+00
9.38E+00	9.15E+00	9.97E-02	-1.46E-02	0.00E+00
9.40E+00	9.14E+00	7.95E-03	-1.22E-02	0.00E+00
9.42E+00	9.20E+00	1.15E-01	-2.20E-02	0.00E+00
9.44E+00	9.13E+00	3.85E-02	-1.22E-02	0.00E+00
9.46E+00	9.17E+00	9.97E-02	-9.77E-03	0.00E+00
9.48E+00	9.23E+00	9.97E-02	-2.20E-02	0.00E+00
9.50E+00	9.20E+00	6.91E-02	-1.59E-02	0.00E+00
9.52E+00	9.25E+00	8.44E-02	-1.95E-02	0.00E+00
9.54E+00	9.22E+00	-7.34E-03	-2.20E-02	0.00E+00
9.56E+00	9.39E+00	-1.14E-01	-2.69E-02	0.00E+00
9.58E+00	9.25E+00	1.76E-01	-2.32E-02	0.00E+00
9.60E+00	9.31E+00	-2.26E-02	-3.66E-02	0.00E+00
9.62E+00	9.23E+00	6.91E-02	-1.46E-02	0.00E+00
9.64E+00	9.27E+00	1.30E-01	-2.44E-02	0.00E+00
9.66E+00	9.24E+00	6.91E-02	-1.22E-03	0.00E+00
9.68E+00	9.19E+00	7.95E-03	8.54E-03	0.00E+00
9.70E+00	9.16E+00	5.38E-02	-7.32E-03	0.00E+00

9.72E+00	9.17E+00	7.95E-03	-9.77E-03	0.00E+00
9.74E+00	9.16E+00	3.85E-02	-3.05E-02	0.00E+00
9.76E+00	9.23E+00	7.95E-03	-2.32E-02	0.00E+00
9.78E+00	9.20E+00	-7.34E-03	-7.32E-03	0.00E+00
9.80E+00	9.31E+00	-1.14E-01	-7.32E-03	0.00E+00
9.82E+00	9.21E+00	-1.14E-01	-2.44E-02	0.00E+00
9.84E+00	9.27E+00	3.85E-02	-9.77E-03	0.00E+00
9.86E+00	9.24E+00	1.46E-01	-1.71E-02	0.00E+00
9.88E+00	9.11E+00	3.85E-02	-1.95E-02	0.00E+00
9.90E+00	9.21E+00	5.38E-02	-1.95E-02	0.00E+00
9.92E+00	9.33E+00	7.95E-03	-2.69E-02	0.00E+00
9.94E+00	9.24E+00	3.85E-02	-2.20E-02	0.00E+00
9.96E+00	9.24E+00	7.95E-03	-3.91E-02	0.00E+00
9.98E+00	9.21E+00	9.97E-02	-2.44E-02	0.00E+00
1.00E+01	9.24E+00	1.91E-01	-1.83E-02	0.00E+00
1.00E+01	9.24E+00	2.83E-01	-1.71E-02	0.00E+00
1.00E+01	9.22E+00	2.07E-01	-1.22E-02	0.00E+00
1.01E+01	9.18E+00	3.85E-02	-1.71E-02	0.00E+00
1.01E+01	9.10E+00	2.68E-01	-9.77E-03	0.00E+00
1.01E+01	9.40E+00	3.85E-02	-1.46E-02	0.00E+00
1.01E+01	9.19E+00	8.44E-02	-1.10E-02	0.00E+00
1.01E+01	9.07E+00	6.91E-02	-3.66E-03	0.00E+00
1.02E+01	9.18E+00	-8.38E-02	-1.95E-02	0.00E+00
1.02E+01	9.25E+00	3.85E-02	-2.20E-02	0.00E+00
1.02E+01	9.16E+00	7.95E-03	7.32E-03	0.00E+00
1.02E+01	9.27E+00	-5.32E-02	-1.95E-02	0.00E+00
1.02E+01	9.30E+00	1.30E-01	-1.95E-02	0.00E+00
1.03E+01	9.24E+00	1.61E-01	-9.77E-03	0.00E+00
1.03E+01	9.22E+00	1.91E-01	-2.69E-02	0.00E+00
1.03E+01	9.28E+00	7.95E-03	-2.20E-02	0.00E+00
1.03E+01	9.23E+00	7.95E-03	-7.32E-03	0.00E+00
1.03E+01	9.14E+00	-1.60E-01	-9.77E-03	0.00E+00
1.04E+01	9.18E+00	-9.91E-02	-1.71E-02	0.00E+00
1.04E+01	9.25E+00	9.97E-02	-1.10E-02	0.00E+00
1.04E+01	9.19E+00	7.95E-03	-9.77E-03	0.00E+00
1.04E+01	9.04E+00	1.46E-01	-9.77E-03	0.00E+00
1.04E+01	9.18E+00	7.95E-03	-1.46E-02	0.00E+00
1.05E+01	9.29E+00	9.97E-02	-3.66E-02	0.00E+00
1.05E+01	9.21E+00	-2.26E-02	-1.71E-02	0.00E+00
1.05E+01	9.20E+00	1.30E-01	-1.22E-02	0.00E+00
1.05E+01	9.19E+00	-2.26E-02	-2.81E-02	0.00E+00
1.05E+01	9.21E+00	-8.38E-02	-4.27E-02	0.00E+00
1.06E+01	9.21E+00	5.38E-02	-1.83E-02	0.00E+00
1.06E+01	9.20E+00	-1.45E-01	-2.20E-02	0.00E+00
1.06E+01	9.22E+00	7.95E-03	-4.39E-02	0.00E+00
1.06E+01	9.20E+00	-2.26E-02	-2.20E-02	0.00E+00
1.06E+01	9.23E+00	6.91E-02	-3.30E-02	0.00E+00

1.07E+01	9.39E+00	-6.85E-02	-2.20E-02	0.00E+00
1.07E+01	9.23E+00	-8.38E-02	-2.20E-02	0.00E+00
1.07E+01	9.21E+00	1.15E-01	-1.95E-02	0.00E+00
1.07E+01	9.23E+00	-1.76E-01	-1.71E-02	0.00E+00
1.07E+01	9.04E+00	9.97E-02	-1.46E-02	0.00E+00
1.08E+01	9.22E+00	1.61E-01	-1.83E-02	0.00E+00
1.08E+01	9.27E+00	2.07E-01	1.22E-03	0.00E+00
1.08E+01	9.10E+00	8.44E-02	-1.46E-02	0.00E+00
1.08E+01	9.06E+00	7.95E-03	-1.46E-02	0.00E+00
1.08E+01	8.57E+00	8.44E-02	-8.54E-03	0.00E+00
1.09E+01	8.52E+00	-7.34E-03	-1.22E-03	0.00E+00
1.09E+01	8.62E+00	-2.26E-02	-1.95E-02	0.00E+00
1.09E+01	8.67E+00	-8.38E-02	-2.08E-02	0.00E+00
1.09E+01	8.42E+00	1.15E-01	-4.15E-02	0.00E+00
1.09E+01	8.14E+00	-2.26E-02	-1.95E-02	0.00E+00
1.10E+01	8.13E+00	2.68E-01	-2.44E-02	0.00E+00
1.10E+01	8.07E+00	-1.14E-01	-9.77E-03	0.00E+00
1.10E+01	7.50E+00	1.30E-01	-1.71E-02	0.00E+00
1.10E+01	7.56E+00	9.97E-02	-2.69E-02	0.00E+00
1.10E+01	7.34E+00	1.30E-01	-1.71E-02	0.00E+00
1.11E+01	6.90E+00	7.95E-03	-1.71E-02	0.00E+00
1.11E+01	6.95E+00	1.30E-01	-1.46E-02	0.00E+00
1.11E+01	6.55E+00	-7.34E-03	-2.44E-03	0.00E+00
1.11E+01	6.32E+00	-6.85E-02	-1.46E-02	0.00E+00
1.11E+01	6.61E+00	-2.26E-02	-2.44E-02	0.00E+00
1.12E+01	6.26E+00	3.85E-02	-1.22E-02	0.00E+00
1.12E+01	5.80E+00	-1.45E-01	1.22E-02	0.00E+00
1.12E+01	5.98E+00	7.95E-03	-2.44E-02	0.00E+00
1.12E+01	6.31E+00	-3.79E-02	-2.20E-02	0.00E+00
1.12E+01	5.86E+00	6.91E-02	-3.66E-02	0.00E+00
1.13E+01	5.79E+00	-1.76E-01	-1.46E-02	0.00E+00
1.13E+01	5.72E+00	8.44E-02	-1.34E-02	0.00E+00
1.13E+01	5.63E+00	4.36E-01	-2.56E-02	0.00E+00
1.13E+01	5.52E+00	8.44E-02	-8.54E-03	0.00E+00
1.13E+01	5.70E+00	1.61E-01	-1.22E-02	0.00E+00
1.14E+01	5.67E+00	7.95E-03	-1.71E-02	0.00E+00
1.14E+01	5.61E+00	3.85E-02	-2.69E-02	0.00E+00
1.14E+01	5.69E+00	-2.26E-02	-3.30E-02	0.00E+00
1.14E+01	5.77E+00	-2.26E-02	-1.95E-02	0.00E+00
1.14E+01	6.06E+00	-2.37E-01	-1.46E-02	0.00E+00
1.15E+01	5.71E+00	-3.79E-02	-1.95E-02	0.00E+00
1.15E+01	5.76E+00	-1.76E-01	-1.71E-02	0.00E+00
1.15E+01	5.79E+00	1.61E-01	-1.83E-02	0.00E+00
1.15E+01	5.97E+00	1.30E-01	-1.46E-02	0.00E+00
1.15E+01	6.32E+00	6.91E-02	-2.20E-02	0.00E+00
1.16E+01	6.47E+00	7.95E-03	-3.05E-02	0.00E+00
1.16E+01	6.40E+00	1.30E-01	-1.83E-02	0.00E+00

1.16E+01	6.48E+00	3.85E-02	-2.20E-02	0.00E+00
1.16E+01	6.38E+00	1.61E-01	-1.95E-02	0.00E+00
1.16E+01	6.40E+00	8.44E-02	-3.66E-02	0.00E+00
1.17E+01	6.82E+00	3.85E-02	-9.77E-03	0.00E+00
1.17E+01	6.89E+00	-5.32E-02	-3.42E-02	0.00E+00
1.17E+01	6.82E+00	3.85E-02	-4.88E-03	0.00E+00
1.17E+01	6.82E+00	2.53E-01	-3.42E-02	0.00E+00
1.17E+01	7.12E+00	-1.14E-01	0.00E+00	0.00E+00
1.18E+01	7.46E+00	-1.14E-01	-1.46E-02	0.00E+00
1.18E+01	7.39E+00	6.91E-02	-9.77E-03	0.00E+00
1.18E+01	7.47E+00	-1.30E-01	-1.83E-02	0.00E+00
1.18E+01	7.68E+00	-8.38E-02	-1.22E-02	0.00E+00
1.18E+01	8.06E+00	-2.26E-02	-2.32E-02	0.00E+00
1.19E+01	7.93E+00	3.85E-02	-3.17E-02	0.00E+00
1.19E+01	8.00E+00	6.91E-02	-1.71E-02	0.00E+00
1.19E+01	8.48E+00	7.95E-03	-2.20E-02	0.00E+00
1.19E+01	8.65E+00	1.30E-01	-2.20E-02	0.00E+00
1.19E+01	8.63E+00	-3.79E-02	-3.17E-02	0.00E+00
1.20E+01	8.85E+00	-1.45E-01	-2.44E-02	0.00E+00
1.20E+01	9.23E+00	1.30E-01	-1.71E-02	0.00E+00
1.20E+01	9.16E+00	1.61E-01	-1.95E-02	0.00E+00
1.20E+01	9.14E+00	3.85E-02	-1.22E-02	0.00E+00
1.20E+01	9.90E+00	6.91E-02	-1.22E-02	0.00E+00
1.21E+01	9.81E+00	-8.38E-02	-1.59E-02	0.00E+00
1.21E+01	9.90E+00	3.85E-02	-2.08E-02	0.00E+00
1.21E+01	1.04E+01	3.85E-02	-1.46E-02	0.00E+00
1.21E+01	1.04E+01	3.85E-02	-1.71E-02	0.00E+00
1.21E+01	1.06E+01	-2.26E-02	-9.77E-03	0.00E+00
1.22E+01	1.09E+01	2.83E-01	7.32E-03	0.00E+00
1.22E+01	1.10E+01	-8.38E-02	-1.95E-02	0.00E+00
1.22E+01	1.15E+01	1.30E-01	-2.32E-02	0.00E+00
1.22E+01	1.14E+01	-9.91E-02	-6.10E-03	0.00E+00
1.22E+01	1.16E+01	1.30E-01	-2.44E-02	0.00E+00
1.23E+01	1.20E+01	1.30E-01	-2.69E-02	0.00E+00
1.23E+01	1.21E+01	-6.85E-02	-4.88E-03	0.00E+00
1.23E+01	1.23E+01	1.30E-01	-1.71E-02	0.00E+00
1.23E+01	1.27E+01	9.97E-02	-1.95E-02	0.00E+00
1.23E+01	1.26E+01	2.53E-01	-9.77E-03	0.00E+00
1.24E+01	1.28E+01	-9.91E-02	-1.22E-03	0.00E+00
1.24E+01	1.32E+01	1.15E-01	-1.83E-02	0.00E+00
1.24E+01	1.33E+01	9.97E-02	-2.44E-02	0.00E+00
1.24E+01	1.38E+01	2.68E-01	-8.54E-03	0.00E+00
1.24E+01	1.38E+01	3.85E-02	-4.76E-02	0.00E+00
1.25E+01	1.38E+01	7.95E-03	-1.59E-02	0.00E+00
1.25E+01	1.44E+01	1.61E-01	-2.44E-03	0.00E+00
1.25E+01	1.44E+01	7.95E-03	-1.34E-02	0.00E+00
1.25E+01	1.45E+01	2.32E-02	-2.69E-02	0.00E+00

1.25E+01	1.46E+01	2.22E-01	-2.20E-02	0.00E+00
1.26E+01	1.49E+01	9.97E-02	-1.46E-02	0.00E+00
1.26E+01	1.50E+01	1.61E-01	-2.93E-02	0.00E+00
1.26E+01	1.51E+01	9.97E-02	-7.32E-03	0.00E+00
1.26E+01	1.48E+01	3.85E-02	-1.46E-02	0.00E+00
1.26E+01	1.55E+01	9.97E-02	-1.22E-02	0.00E+00
1.27E+01	1.55E+01	2.22E-01	-1.46E-02	0.00E+00
1.27E+01	1.54E+01	9.97E-02	-2.93E-02	0.00E+00
1.27E+01	1.56E+01	-7.34E-03	-1.46E-02	0.00E+00
1.27E+01	1.60E+01	9.97E-02	-2.20E-02	0.00E+00
1.27E+01	1.62E+01	-1.45E-01	-2.20E-02	0.00E+00
1.28E+01	1.62E+01	7.95E-03	-2.08E-02	0.00E+00
1.28E+01	1.62E+01	-2.26E-02	-1.95E-02	0.00E+00
1.28E+01	1.67E+01	1.30E-01	-1.10E-02	0.00E+00
1.28E+01	1.66E+01	-2.21E-01	-9.77E-03	0.00E+00
1.28E+01	1.66E+01	1.61E-01	-1.34E-02	0.00E+00
1.29E+01	1.70E+01	9.97E-02	-7.32E-03	0.00E+00
1.29E+01	1.73E+01	9.97E-02	-1.71E-02	0.00E+00
1.29E+01	1.73E+01	3.85E-02	-4.39E-02	0.00E+00
1.29E+01	1.76E+01	1.30E-01	-1.71E-02	0.00E+00
1.29E+01	1.79E+01	-5.32E-02	-1.46E-02	0.00E+00
1.30E+01	1.79E+01	1.91E-01	-3.17E-02	0.00E+00
1.30E+01	1.82E+01	1.91E-01	-2.56E-02	0.00E+00
1.30E+01	1.85E+01	7.95E-03	-2.93E-02	0.00E+00
1.30E+01	1.85E+01	1.46E-01	-7.32E-03	0.00E+00
1.30E+01	1.89E+01	3.44E-01	-1.95E-02	0.00E+00
1.31E+01	1.90E+01	-3.79E-02	-6.10E-03	0.00E+00
1.31E+01	1.89E+01	9.97E-02	-2.44E-02	0.00E+00
1.31E+01	1.96E+01	-1.91E-01	-6.10E-03	0.00E+00
1.31E+01	1.96E+01	3.85E-02	-1.83E-02	0.00E+00
1.31E+01	2.03E+01	-1.76E-01	-1.22E-02	0.00E+00
1.32E+01	2.01E+01	6.91E-02	-1.22E-02	0.00E+00
1.32E+01	2.05E+01	-2.26E-02	-1.22E-02	0.00E+00
1.32E+01	2.08E+01	-1.45E-01	-1.71E-02	0.00E+00
1.32E+01	2.10E+01	9.97E-02	-3.66E-02	0.00E+00
1.32E+01	2.15E+01	3.85E-02	-2.44E-02	0.00E+00
1.33E+01	2.17E+01	6.91E-02	-9.77E-03	0.00E+00
1.33E+01	2.20E+01	1.15E-01	-1.95E-02	0.00E+00
1.33E+01	2.20E+01	9.97E-02	1.34E-02	0.00E+00
1.33E+01	2.25E+01	8.44E-02	-2.56E-02	0.00E+00
1.33E+01	2.26E+01	-1.14E-01	0.00E+00	0.00E+00
1.34E+01	2.29E+01	2.83E-01	-1.59E-02	0.00E+00
1.34E+01	2.31E+01	6.91E-02	-8.54E-03	0.00E+00
1.34E+01	2.33E+01	7.95E-03	-2.44E-03	0.00E+00
1.34E+01	2.37E+01	7.95E-03	-2.44E-02	0.00E+00
1.34E+01	2.39E+01	-8.38E-02	-2.44E-02	0.00E+00
1.35E+01	2.43E+01	1.30E-01	-1.22E-02	0.00E+00

1.35E+01	2.42E+01	2.32E-02	-8.54E-03	0.00E+00
1.35E+01	2.45E+01	-2.26E-02	-2.56E-02	0.00E+00
1.35E+01	2.48E+01	1.30E-01	-1.22E-02	0.00E+00
1.35E+01	2.47E+01	-1.14E-01	6.10E-03	0.00E+00
1.36E+01	2.51E+01	-8.38E-02	1.46E-02	0.00E+00
1.36E+01	2.55E+01	1.30E-01	-2.81E-02	0.00E+00
1.36E+01	2.55E+01	9.97E-02	-1.95E-02	0.00E+00
1.36E+01	2.58E+01	7.95E-03	0.00E+00	0.00E+00
1.36E+01	2.60E+01	3.85E-02	-1.46E-02	0.00E+00
1.37E+01	2.61E+01	6.91E-02	-3.42E-02	0.00E+00
1.37E+01	2.64E+01	-1.45E-01	-1.95E-02	0.00E+00
1.37E+01	2.66E+01	-2.26E-02	-1.95E-02	0.00E+00
1.37E+01	2.66E+01	1.15E-01	-2.93E-02	0.00E+00
1.37E+01	2.69E+01	2.07E-01	-1.95E-02	0.00E+00
1.38E+01	2.70E+01	1.30E-01	-3.66E-03	0.00E+00
1.38E+01	2.72E+01	1.30E-01	-1.71E-02	0.00E+00
1.38E+01	2.74E+01	1.46E-01	-3.42E-02	0.00E+00
1.38E+01	2.78E+01	3.85E-02	-2.20E-02	0.00E+00
1.38E+01	2.77E+01	1.91E-01	-1.22E-02	0.00E+00
1.39E+01	2.80E+01	7.95E-03	-1.34E-02	0.00E+00
1.39E+01	2.83E+01	3.60E-01	-1.95E-02	0.00E+00
1.39E+01	2.83E+01	-7.34E-03	-4.88E-03	0.00E+00
1.39E+01	2.86E+01	-5.32E-02	-1.10E-02	0.00E+00
1.39E+01	2.88E+01	-5.32E-02	-4.15E-02	0.00E+00
1.40E+01	2.89E+01	3.14E-01	-1.83E-02	0.00E+00
1.40E+01	2.95E+01	7.95E-03	-2.08E-02	0.00E+00
1.40E+01	2.96E+01	-8.38E-02	-1.46E-02	0.00E+00
1.40E+01	2.99E+01	7.95E-03	-1.71E-02	0.00E+00
1.40E+01	3.01E+01	5.38E-02	-3.17E-02	0.00E+00
1.41E+01	3.01E+01	6.91E-02	-1.95E-02	0.00E+00
1.41E+01	3.07E+01	3.85E-02	-8.54E-03	0.00E+00
1.41E+01	3.07E+01	6.91E-02	-2.20E-02	0.00E+00
1.41E+01	3.10E+01	1.30E-01	-1.10E-02	0.00E+00
1.41E+01	3.12E+01	-8.38E-02	-1.34E-02	0.00E+00
1.42E+01	3.12E+01	9.97E-02	-1.71E-02	0.00E+00
1.42E+01	3.18E+01	1.61E-01	-2.20E-02	0.00E+00
1.42E+01	3.19E+01	7.95E-03	-1.59E-02	0.00E+00
1.42E+01	3.23E+01	-2.37E-01	-2.44E-02	0.00E+00
1.42E+01	3.25E+01	3.85E-02	-2.20E-02	0.00E+00
1.43E+01	3.30E+01	9.97E-02	-1.95E-02	0.00E+00
1.43E+01	3.31E+01	1.61E-01	-1.22E-02	0.00E+00
1.43E+01	3.36E+01	1.30E-01	-2.81E-02	0.00E+00
1.43E+01	3.36E+01	-2.26E-02	-1.95E-02	0.00E+00
1.43E+01	3.41E+01	1.30E-01	2.44E-03	0.00E+00
1.44E+01	3.42E+01	1.30E-01	-1.59E-02	0.00E+00
1.44E+01	3.44E+01	1.30E-01	-1.46E-02	0.00E+00
1.44E+01	3.47E+01	3.85E-02	-1.71E-02	0.00E+00

1.44E+01	3.47E+01	7.95E-03	-2.93E-02	0.00E+00
1.44E+01	3.50E+01	1.30E-01	-4.88E-03	0.00E+00
1.45E+01	3.53E+01	6.91E-02	-2.08E-02	0.00E+00
1.45E+01	3.52E+01	7.95E-03	-9.77E-03	0.00E+00
1.45E+01	3.56E+01	2.83E-01	-2.44E-02	0.00E+00
1.45E+01	3.61E+01	-5.32E-02	-1.95E-02	0.00E+00
1.45E+01	3.58E+01	1.30E-01	-1.71E-02	0.00E+00
1.46E+01	3.60E+01	2.53E-01	-1.46E-02	0.00E+00
1.46E+01	3.65E+01	1.15E-01	-2.69E-02	0.00E+00
1.46E+01	3.64E+01	5.38E-02	-9.77E-03	0.00E+00
1.46E+01	3.64E+01	-1.45E-01	-2.44E-03	0.00E+00
1.46E+01	3.70E+01	2.83E-01	-3.42E-02	0.00E+00
1.47E+01	3.70E+01	6.91E-02	-1.22E-02	0.00E+00
1.47E+01	3.73E+01	6.91E-02	-1.22E-02	0.00E+00
1.47E+01	3.75E+01	-2.26E-02	-1.95E-02	0.00E+00
1.47E+01	3.76E+01	7.95E-03	-1.46E-02	0.00E+00
1.47E+01	3.80E+01	-2.26E-02	-1.46E-02	0.00E+00
1.48E+01	3.81E+01	-1.30E-01	-1.83E-02	0.00E+00
1.48E+01	3.82E+01	1.30E-01	-2.20E-02	0.00E+00
1.48E+01	3.88E+01	9.97E-02	-7.32E-03	0.00E+00
1.48E+01	3.88E+01	2.07E-01	-1.59E-02	0.00E+00
1.48E+01	3.90E+01	3.14E-01	-1.71E-02	0.00E+00
1.49E+01	3.94E+01	-8.38E-02	-6.10E-03	0.00E+00
1.49E+01	3.94E+01	-5.32E-02	-1.46E-02	0.00E+00
1.49E+01	4.00E+01	2.98E-01	-1.34E-02	0.00E+00
1.49E+01	3.99E+01	1.76E-01	-9.77E-03	0.00E+00
1.49E+01	4.03E+01	-2.26E-02	-1.71E-02	0.00E+00
1.50E+01	4.05E+01	-5.32E-02	-3.42E-02	0.00E+00
1.50E+01	4.06E+01	-1.76E-01	-1.71E-02	0.00E+00
1.50E+01	4.11E+01	-6.85E-02	-1.71E-02	0.00E+00
1.50E+01	4.11E+01	5.38E-02	-2.56E-02	0.00E+00
1.50E+01	4.14E+01	-9.91E-02	-1.83E-02	0.00E+00
1.51E+01	4.17E+01	1.61E-01	-1.46E-02	0.00E+00
1.51E+01	4.17E+01	-5.32E-02	-1.46E-02	0.00E+00
1.51E+01	4.18E+01	2.32E-02	-1.46E-02	0.00E+00
1.51E+01	4.23E+01	1.91E-01	-1.22E-02	0.00E+00
1.51E+01	4.22E+01	2.68E-01	-7.32E-03	0.00E+00
1.52E+01	4.22E+01	5.38E-02	-1.71E-02	0.00E+00
1.52E+01	4.29E+01	-1.45E-01	9.77E-03	0.00E+00
1.52E+01	4.27E+01	3.85E-02	-1.59E-02	0.00E+00
1.52E+01	4.28E+01	-2.83E-01	-1.22E-02	0.00E+00
1.52E+01	4.29E+01	5.38E-02	-4.52E-02	0.00E+00
1.53E+01	4.33E+01	2.32E-02	-9.77E-03	0.00E+00
1.53E+01	4.34E+01	1.61E-01	-3.66E-03	0.00E+00
1.53E+01	4.32E+01	-7.34E-03	-1.71E-02	0.00E+00
1.53E+01	4.36E+01	7.95E-03	-2.44E-02	0.00E+00
1.53E+01	4.40E+01	8.44E-02	-9.77E-03	0.00E+00

1.54E+01	4.40E+01	7.95E-03	-1.59E-02	0.00E+00
1.54E+01	4.41E+01	-7.34E-03	-1.71E-02	0.00E+00
1.54E+01	4.46E+01	9.97E-02	-2.44E-02	0.00E+00
1.54E+01	4.46E+01	6.91E-02	-2.56E-02	0.00E+00
1.54E+01	4.46E+01	7.95E-03	-2.69E-02	0.00E+00
1.55E+01	4.52E+01	2.22E-01	-3.66E-02	0.00E+00
1.55E+01	4.51E+01	2.53E-01	-1.46E-02	0.00E+00
1.55E+01	4.54E+01	1.30E-01	-3.17E-02	0.00E+00
1.55E+01	4.57E+01	6.91E-02	-1.22E-02	0.00E+00
1.55E+01	4.57E+01	1.76E-01	-1.46E-02	0.00E+00
1.56E+01	4.62E+01	6.91E-02	0.00E+00	0.00E+00
1.56E+01	4.62E+01	2.22E-01	-1.22E-02	0.00E+00
1.56E+01	4.65E+01	-2.26E-02	-1.10E-02	0.00E+00
1.56E+01	4.69E+01	-2.26E-02	-1.71E-02	0.00E+00
1.56E+01	4.68E+01	-1.14E-01	-4.88E-03	0.00E+00
1.57E+01	4.72E+01	-2.26E-02	-2.81E-02	0.00E+00
1.57E+01	4.75E+01	7.95E-03	-1.83E-02	0.00E+00
1.57E+01	4.75E+01	-8.38E-02	-1.46E-02	0.00E+00
1.57E+01	4.77E+01	-3.79E-02	4.88E-03	0.00E+00
1.57E+01	4.81E+01	9.97E-02	-2.20E-02	0.00E+00
1.58E+01	4.81E+01	1.61E-01	-1.59E-02	0.00E+00
1.58E+01	4.81E+01	9.97E-02	-3.66E-02	0.00E+00
1.58E+01	4.85E+01	-2.98E-01	-2.20E-02	0.00E+00
1.58E+01	4.87E+01	2.83E-01	-1.71E-02	0.00E+00
1.58E+01	4.87E+01	2.53E-01	-2.44E-03	0.00E+00
1.59E+01	4.86E+01	3.85E-02	-1.46E-02	0.00E+00
1.59E+01	4.92E+01	6.91E-02	-9.77E-03	0.00E+00
1.59E+01	4.92E+01	2.37E-01	-2.08E-02	0.00E+00
1.59E+01	4.90E+01	1.76E-01	-2.44E-02	0.00E+00
1.59E+01	4.92E+01	1.30E-01	-1.71E-02	0.00E+00
1.60E+01	4.97E+01	6.91E-02	-8.54E-03	0.00E+00
1.60E+01	4.98E+01	3.85E-02	-1.71E-02	0.00E+00
1.60E+01	4.98E+01	5.38E-02	-1.22E-02	0.00E+00
1.60E+01	5.04E+01	5.38E-02	-3.17E-02	0.00E+00
1.60E+01	5.04E+01	2.07E-01	1.22E-02	0.00E+00
1.61E+01	5.04E+01	-7.34E-03	-1.34E-02	0.00E+00
1.61E+01	5.10E+01	-2.21E-01	-2.20E-02	0.00E+00
1.61E+01	5.10E+01	3.85E-02	-3.91E-02	0.00E+00
1.61E+01	5.10E+01	7.95E-03	-7.32E-03	0.00E+00
1.61E+01	5.15E+01	-1.45E-01	-2.81E-02	0.00E+00
1.62E+01	5.16E+01	-1.76E-01	-1.22E-02	0.00E+00
1.62E+01	5.16E+01	3.85E-02	-2.56E-02	0.00E+00
1.62E+01	5.20E+01	6.91E-02	-6.10E-03	0.00E+00
1.62E+01	5.21E+01	-1.60E-01	-1.22E-02	0.00E+00
1.62E+01	5.20E+01	6.91E-02	-2.93E-02	0.00E+00
1.63E+01	5.27E+01	1.30E-01	-1.46E-02	0.00E+00
1.63E+01	5.27E+01	6.91E-02	-9.77E-03	0.00E+00

1.63E+01	5.27E+01	7.95E-03	-1.95E-02	0.00E+00
1.63E+01	5.30E+01	9.97E-02	-1.95E-02	0.00E+00
1.63E+01	5.32E+01	1.91E-01	-9.77E-03	0.00E+00
1.64E+01	5.32E+01	1.30E-01	-7.32E-03	0.00E+00
1.64E+01	5.33E+01	-5.32E-02	-2.81E-02	0.00E+00
1.64E+01	5.38E+01	9.97E-02	-9.77E-03	0.00E+00
1.64E+01	5.38E+01	1.61E-01	-9.77E-03	0.00E+00
1.64E+01	5.38E+01	-2.26E-02	-6.10E-03	0.00E+00
1.65E+01	5.42E+01	-8.38E-02	-3.91E-02	0.00E+00
1.65E+01	5.45E+01	6.91E-02	-1.83E-02	0.00E+00
1.65E+01	5.44E+01	-5.32E-02	-1.71E-02	0.00E+00
1.65E+01	5.44E+01	-1.14E-01	7.32E-03	0.00E+00
1.65E+01	5.50E+01	8.44E-02	-3.17E-02	0.00E+00
1.66E+01	5.51E+01	1.76E-01	-1.46E-02	0.00E+00
1.66E+01	5.51E+01	-1.45E-01	-1.46E-02	0.00E+00
1.66E+01	5.55E+01	5.38E-02	-2.20E-02	0.00E+00
1.66E+01	5.57E+01	9.97E-02	-2.20E-02	0.00E+00
1.66E+01	5.57E+01	1.91E-01	-1.22E-02	0.00E+00
1.67E+01	5.63E+01	-1.14E-01	-1.34E-02	0.00E+00
1.67E+01	5.62E+01	3.85E-02	-2.44E-02	0.00E+00
1.67E+01	5.63E+01	9.97E-02	-7.32E-03	0.00E+00
1.67E+01	5.68E+01	1.15E-01	-1.46E-02	0.00E+00
1.67E+01	5.67E+01	6.91E-02	-1.95E-02	0.00E+00
1.68E+01	5.69E+01	2.32E-02	-3.91E-02	0.00E+00
1.68E+01	5.72E+01	2.07E-01	-1.22E-02	0.00E+00
1.68E+01	5.73E+01	-2.26E-02	-1.46E-02	0.00E+00
1.68E+01	5.74E+01	5.38E-02	-2.20E-02	0.00E+00
1.68E+01	5.76E+01	-6.85E-02	-3.17E-02	0.00E+00
1.69E+01	5.79E+01	2.32E-02	-2.20E-02	0.00E+00
1.69E+01	5.80E+01	6.91E-02	-1.83E-02	0.00E+00
1.69E+01	5.80E+01	6.91E-02	-2.20E-02	0.00E+00
1.69E+01	5.84E+01	1.61E-01	-1.95E-02	0.00E+00
1.69E+01	5.86E+01	-7.34E-03	-6.10E-03	0.00E+00
1.70E+01	5.85E+01	-8.38E-02	-1.95E-02	0.00E+00
1.70E+01	5.87E+01	-2.26E-02	-1.46E-02	0.00E+00
1.70E+01	5.91E+01	3.85E-02	-1.59E-02	0.00E+00
1.70E+01	5.91E+01	1.61E-01	-9.77E-03	0.00E+00
1.70E+01	5.92E+01	3.85E-02	-1.22E-02	0.00E+00
1.71E+01	5.96E+01	1.76E-01	-2.32E-02	0.00E+00
1.71E+01	5.96E+01	9.97E-02	-7.32E-03	0.00E+00
1.71E+01	5.96E+01	7.95E-03	-1.71E-02	0.00E+00
1.71E+01	6.00E+01	2.32E-02	-2.32E-02	0.00E+00
1.71E+01	6.02E+01	7.95E-03	-2.20E-02	0.00E+00
1.72E+01	6.03E+01	2.68E-01	2.44E-03	0.00E+00
1.72E+01	6.03E+01	3.85E-02	-9.77E-03	0.00E+00
1.72E+01	6.08E+01	1.30E-01	-2.44E-03	0.00E+00
1.72E+01	6.08E+01	6.91E-02	-1.46E-02	0.00E+00

1.72E+01	6.08E+01	8.44E-02	-1.22E-02	0.00E+00
1.73E+01	6.09E+01	9.97E-02	-7.32E-03	0.00E+00
1.73E+01	6.14E+01	3.14E-01	-2.44E-02	0.00E+00
1.73E+01	6.14E+01	1.61E-01	-9.77E-03	0.00E+00
1.73E+01	6.14E+01	6.91E-02	-1.71E-02	0.00E+00
1.73E+01	6.19E+01	-5.32E-02	-1.71E-02	0.00E+00
1.74E+01	6.20E+01	7.95E-03	-1.22E-02	0.00E+00
1.74E+01	6.20E+01	7.95E-03	-1.59E-02	0.00E+00
1.74E+01	6.20E+01	5.38E-02	-1.46E-02	0.00E+00
1.74E+01	6.25E+01	-1.14E-01	-2.08E-02	0.00E+00
1.74E+01	6.26E+01	6.91E-02	-2.93E-02	0.00E+00
1.75E+01	6.26E+01	-6.85E-02	-1.95E-02	0.00E+00
1.75E+01	6.29E+01	-5.32E-02	0.00E+00	0.00E+00
1.75E+01	6.32E+01	3.85E-02	-2.93E-02	0.00E+00
1.75E+01	6.32E+01	-7.34E-03	-4.88E-02	0.00E+00
1.75E+01	6.33E+01	-5.32E-02	-2.56E-02	0.00E+00
1.76E+01	6.38E+01	1.30E-01	-2.20E-02	0.00E+00
1.76E+01	6.38E+01	9.97E-02	-3.42E-02	0.00E+00
1.76E+01	6.37E+01	-5.32E-02	-1.22E-03	0.00E+00
1.76E+01	6.39E+01	1.61E-01	-2.93E-02	0.00E+00
1.76E+01	6.44E+01	7.95E-03	-1.34E-02	0.00E+00
1.77E+01	6.43E+01	6.91E-02	-1.46E-02	0.00E+00
1.77E+01	6.43E+01	3.85E-02	-2.20E-02	0.00E+00
1.77E+01	6.46E+01	1.91E-01	-3.66E-03	0.00E+00
1.77E+01	6.48E+01	-8.38E-02	-9.77E-03	0.00E+00
1.77E+01	6.49E+01	-5.32E-02	-1.71E-02	0.00E+00
1.78E+01	6.51E+01	-8.38E-02	-4.88E-03	0.00E+00
1.78E+01	6.53E+01	9.97E-02	-1.46E-02	0.00E+00
1.78E+01	6.55E+01	-8.38E-02	-1.59E-02	0.00E+00
1.78E+01	6.55E+01	6.91E-02	-1.46E-02	0.00E+00
1.78E+01	6.55E+01	-5.32E-02	-4.15E-02	0.00E+00
1.79E+01	6.60E+01	-2.26E-02	-2.32E-02	0.00E+00
1.79E+01	6.61E+01	-8.38E-02	-1.83E-02	0.00E+00
1.79E+01	6.61E+01	5.38E-02	-3.91E-02	0.00E+00
1.79E+01	6.61E+01	6.91E-02	-1.59E-02	0.00E+00
1.79E+01	6.66E+01	8.44E-02	0.00E+00	0.00E+00
1.80E+01	6.65E+01	1.61E-01	-7.32E-03	0.00E+00
1.80E+01	6.66E+01	2.53E-01	-1.59E-02	0.00E+00
1.80E+01	6.66E+01	7.95E-03	0.00E+00	0.00E+00
1.80E+01	6.71E+01	6.91E-02	-6.10E-03	0.00E+00
1.80E+01	6.72E+01	1.76E-01	-1.83E-02	0.00E+00
1.81E+01	6.72E+01	1.30E-01	-9.77E-03	0.00E+00
1.81E+01	6.71E+01	8.44E-02	-1.71E-02	0.00E+00
1.81E+01	6.78E+01	-2.26E-02	-1.22E-02	0.00E+00
1.81E+01	6.79E+01	2.07E-01	-2.44E-02	0.00E+00
1.81E+01	6.78E+01	1.15E-01	-2.81E-02	0.00E+00
1.82E+01	6.82E+01	-2.26E-02	-1.95E-02	0.00E+00

1.82E+01	6.85E+01	3.85E-02	-3.17E-02	0.00E+00
1.82E+01	6.86E+01	1.61E-01	-1.83E-02	0.00E+00
1.82E+01	6.86E+01	2.53E-01	-3.30E-02	0.00E+00
1.82E+01	6.88E+01	1.61E-01	-1.34E-02	0.00E+00
1.83E+01	6.93E+01	2.07E-01	0.00E+00	0.00E+00
1.83E+01	6.94E+01	1.76E-01	-1.95E-02	0.00E+00
1.83E+01	6.93E+01	-1.45E-01	-1.71E-02	0.00E+00
1.83E+01	6.95E+01	3.85E-02	0.00E+00	0.00E+00
1.83E+01	6.98E+01	5.38E-02	-1.95E-02	0.00E+00
1.84E+01	7.00E+01	1.15E-01	-2.20E-02	0.00E+00
1.84E+01	7.01E+01	1.91E-01	-2.32E-02	0.00E+00
1.84E+01	7.01E+01	9.97E-02	-1.71E-02	0.00E+00
1.84E+01	7.02E+01	-3.79E-02	-1.22E-02	0.00E+00
1.84E+01	7.05E+01	-2.06E-01	-1.10E-02	0.00E+00
1.85E+01	7.08E+01	7.95E-03	-3.54E-02	0.00E+00
1.85E+01	7.07E+01	1.91E-01	-2.56E-02	0.00E+00
1.85E+01	7.06E+01	6.91E-02	-9.77E-03	0.00E+00
1.85E+01	7.09E+01	-2.26E-02	-1.46E-02	0.00E+00
1.85E+01	7.10E+01	6.91E-02	-2.32E-02	0.00E+00
1.86E+01	7.13E+01	1.15E-01	-5.13E-02	0.00E+00
1.86E+01	7.13E+01	7.95E-03	-1.46E-02	0.00E+00
1.86E+01	7.14E+01	6.91E-02	-1.71E-02	0.00E+00
1.86E+01	7.15E+01	3.44E-01	-2.69E-02	0.00E+00
1.86E+01	7.15E+01	1.30E-01	1.34E-02	0.00E+00
1.87E+01	7.18E+01	7.95E-03	-1.22E-02	0.00E+00
1.87E+01	7.18E+01	9.97E-02	-1.22E-03	0.00E+00
1.87E+01	7.21E+01	-1.45E-01	-2.44E-02	0.00E+00
1.87E+01	7.20E+01	1.61E-01	-1.71E-02	0.00E+00
1.87E+01	7.22E+01	1.61E-01	-1.22E-02	0.00E+00
1.88E+01	7.25E+01	-3.79E-02	-9.77E-03	0.00E+00
1.88E+01	7.25E+01	-2.26E-02	-2.44E-03	0.00E+00
1.88E+01	7.25E+01	5.38E-02	-2.44E-03	0.00E+00
1.88E+01	7.26E+01	-5.32E-02	-1.22E-02	0.00E+00
1.88E+01	7.30E+01	-6.85E-02	-2.69E-02	0.00E+00
1.89E+01	7.31E+01	9.97E-02	-1.71E-02	0.00E+00
1.89E+01	7.32E+01	-1.45E-01	2.44E-03	0.00E+00
1.89E+01	7.30E+01	3.85E-02	-1.46E-02	0.00E+00
1.89E+01	7.34E+01	7.95E-03	-2.20E-02	0.00E+00
1.89E+01	7.37E+01	3.14E-01	-1.95E-02	0.00E+00
1.90E+01	7.37E+01	-5.32E-02	-4.15E-02	0.00E+00
1.90E+01	7.38E+01	-5.32E-02	-3.17E-02	0.00E+00
1.90E+01	7.40E+01	1.46E-01	-1.46E-02	0.00E+00
1.90E+01	7.42E+01	-2.37E-01	-1.46E-02	0.00E+00
1.90E+01	7.42E+01	6.91E-02	-1.83E-02	0.00E+00
1.91E+01	7.44E+01	8.44E-02	-3.17E-02	0.00E+00
1.91E+01	7.43E+01	-2.26E-02	-1.34E-02	0.00E+00
1.91E+01	7.45E+01	-2.26E-02	-9.77E-03	0.00E+00

1.91E+01	7.48E+01	-1.14E-01	-1.10E-02	0.00E+00
1.91E+01	7.48E+01	3.85E-02	-1.22E-02	0.00E+00
1.92E+01	7.47E+01	9.97E-02	-3.66E-03	0.00E+00
1.92E+01	7.47E+01	3.85E-02	-1.46E-02	0.00E+00
1.92E+01	7.47E+01	3.85E-02	-4.88E-03	0.00E+00
1.92E+01	7.47E+01	7.95E-03	-1.46E-02	0.00E+00
1.92E+01	7.48E+01	-8.38E-02	-2.93E-02	0.00E+00
1.93E+01	7.48E+01	-6.85E-02	-1.95E-02	0.00E+00
1.93E+01	7.48E+01	1.30E-01	-2.08E-02	0.00E+00
1.93E+01	7.48E+01	6.91E-02	-1.95E-02	0.00E+00
1.93E+01	7.48E+01	1.46E-01	4.88E-03	0.00E+00
1.93E+01	7.48E+01	3.75E-01	0.00E+00	0.00E+00
1.94E+01	7.47E+01	7.95E-03	-1.46E-02	0.00E+00
1.94E+01	7.48E+01	1.61E-01	-2.32E-02	0.00E+00
1.94E+01	7.47E+01	3.14E-01	-1.95E-02	0.00E+00
1.94E+01	7.46E+01	-2.26E-02	-2.44E-03	0.00E+00
1.94E+01	7.48E+01	7.95E-03	-1.71E-02	0.00E+00
1.95E+01	7.48E+01	-2.26E-02	-1.22E-02	0.00E+00
1.95E+01	7.48E+01	6.91E-02	-8.54E-03	0.00E+00
1.95E+01	7.47E+01	-6.85E-02	-1.59E-02	0.00E+00
1.95E+01	7.47E+01	3.85E-02	-1.71E-02	0.00E+00
1.95E+01	7.49E+01	3.85E-02	-1.95E-02	0.00E+00
1.96E+01	7.48E+01	1.30E-01	-3.66E-02	0.00E+00
1.96E+01	7.48E+01	3.85E-02	-2.69E-02	0.00E+00
1.96E+01	7.48E+01	3.85E-02	-2.08E-02	0.00E+00
1.96E+01	7.47E+01	1.61E-01	-1.59E-02	0.00E+00
1.96E+01	7.48E+01	-6.85E-02	-3.91E-02	0.00E+00
1.97E+01	7.48E+01	3.85E-02	-2.44E-02	0.00E+00
1.97E+01	7.47E+01	3.14E-01	-1.22E-02	0.00E+00
1.97E+01	7.47E+01	-5.32E-02	-3.17E-02	0.00E+00
1.97E+01	7.47E+01	-2.26E-02	-1.46E-02	0.00E+00
1.97E+01	7.48E+01	6.91E-02	-1.22E-03	0.00E+00
1.98E+01	7.47E+01	-1.14E-01	-1.34E-02	0.00E+00
1.98E+01	7.47E+01	-3.79E-02	-1.46E-02	0.00E+00
1.98E+01	7.49E+01	-2.26E-02	-2.93E-02	0.00E+00
1.98E+01	7.48E+01	4.05E-01	-1.71E-02	0.00E+00
1.98E+01	7.48E+01	-7.34E-03	-2.20E-02	0.00E+00
1.99E+01	7.49E+01	1.61E-01	-1.95E-02	0.00E+00
1.99E+01	7.51E+01	-5.32E-02	-2.20E-02	0.00E+00
1.99E+01	7.49E+01	1.30E-01	-1.95E-02	0.00E+00
1.99E+01	7.49E+01	-8.38E-02	-1.71E-02	0.00E+00
1.99E+01	7.51E+01	-2.26E-02	-9.77E-03	0.00E+00
2.00E+01	7.50E+01	-7.34E-03	-1.95E-02	0.00E+00
2.00E+01	7.51E+01	-8.38E-02	-1.22E-02	0.00E+00
2.00E+01	7.53E+01	7.95E-03	-8.54E-03	0.00E+00
2.00E+01	7.53E+01	2.32E-02	-1.95E-02	0.00E+00
2.00E+01	7.53E+01	-5.32E-02	-2.69E-02	0.00E+00

2.01E+01	7.53E+01	6.91E-02	-2.20E-02	0.00E+00
2.01E+01	7.54E+01	9.97E-02	-2.69E-02	0.00E+00
2.01E+01	7.53E+01	-8.38E-02	-1.46E-02	0.00E+00
2.01E+01	7.54E+01	6.91E-02	-3.30E-02	0.00E+00
2.01E+01	7.54E+01	1.15E-01	-2.20E-02	0.00E+00
2.02E+01	7.54E+01	3.14E-01	0.00E+00	0.00E+00
2.02E+01	7.54E+01	3.85E-02	-1.34E-02	0.00E+00
2.02E+01	7.54E+01	2.22E-01	-2.44E-02	0.00E+00
2.02E+01	7.55E+01	2.53E-01	-1.34E-02	0.00E+00
2.02E+01	7.54E+01	1.30E-01	-1.22E-02	0.00E+00
2.03E+01	7.54E+01	-2.26E-02	-1.95E-02	0.00E+00
2.03E+01	7.53E+01	2.22E-01	-1.10E-02	0.00E+00
2.03E+01	7.54E+01	6.91E-02	-9.77E-03	0.00E+00
2.03E+01	7.54E+01	-7.34E-03	-2.20E-02	0.00E+00
2.03E+01	7.54E+01	3.85E-02	-1.46E-02	0.00E+00
2.04E+01	7.56E+01	7.95E-03	-3.66E-03	0.00E+00
2.04E+01	7.53E+01	7.95E-03	-9.77E-03	0.00E+00
2.04E+01	7.54E+01	6.91E-02	-1.22E-02	0.00E+00
2.04E+01	7.53E+01	-8.38E-02	-1.34E-02	0.00E+00
2.04E+01	7.53E+01	-7.34E-03	-1.83E-02	0.00E+00
2.05E+01	7.51E+01	2.07E-01	-1.46E-02	0.00E+00
2.05E+01	7.53E+01	-2.26E-02	-8.54E-03	0.00E+00
2.05E+01	7.54E+01	-2.26E-02	-9.77E-03	0.00E+00
2.05E+01	7.53E+01	5.38E-02	-9.77E-03	0.00E+00
2.05E+01	7.53E+01	-5.32E-02	-1.95E-02	0.00E+00
2.06E+01	7.54E+01	3.85E-02	0.00E+00	0.00E+00
2.06E+01	7.54E+01	5.38E-02	-2.44E-02	0.00E+00
2.06E+01	7.53E+01	1.61E-01	-1.95E-02	0.00E+00
2.06E+01	7.54E+01	8.44E-02	-1.46E-02	0.00E+00
2.06E+01	7.54E+01	3.85E-02	-2.20E-02	0.00E+00
2.07E+01	7.54E+01	3.85E-02	-2.20E-02	0.00E+00
2.07E+01	7.53E+01	1.61E-01	-1.22E-02	0.00E+00
2.07E+01	7.54E+01	6.91E-02	-1.71E-02	0.00E+00
2.07E+01	7.54E+01	2.07E-01	-1.46E-02	0.00E+00
2.07E+01	7.54E+01	2.22E-01	-1.46E-02	0.00E+00
2.08E+01	7.53E+01	9.97E-02	-7.32E-03	0.00E+00
2.08E+01	7.53E+01	6.91E-02	-3.78E-02	0.00E+00
2.08E+01	7.53E+01	7.95E-03	-2.20E-02	0.00E+00
2.08E+01	7.53E+01	6.91E-02	-7.32E-03	0.00E+00
2.08E+01	7.53E+01	1.30E-01	-2.44E-03	0.00E+00
2.09E+01	7.53E+01	7.95E-03	-9.77E-03	0.00E+00
2.09E+01	7.53E+01	-2.37E-01	1.22E-03	0.00E+00
2.09E+01	7.52E+01	6.91E-02	-6.10E-03	0.00E+00
2.09E+01	7.53E+01	-1.45E-01	-1.83E-02	0.00E+00
2.09E+01	7.52E+01	7.95E-03	-1.95E-02	0.00E+00
2.10E+01	7.54E+01	-1.60E-01	-2.44E-02	0.00E+00
2.10E+01	7.53E+01	6.91E-02	-2.08E-02	0.00E+00

2.10E+01	7.54E+01	-8.38E-02	-1.95E-02	0.00E+00
2.10E+01	7.52E+01	6.91E-02	-2.56E-02	0.00E+00
2.10E+01	7.53E+01	1.61E-01	-7.32E-03	0.00E+00
2.11E+01	7.54E+01	7.95E-03	-1.71E-02	0.00E+00
2.11E+01	7.52E+01	1.61E-01	-2.93E-02	0.00E+00
2.11E+01	7.54E+01	3.14E-01	-2.69E-02	0.00E+00
2.11E+01	7.56E+01	1.46E-01	-2.08E-02	0.00E+00
2.11E+01	7.53E+01	1.61E-01	-1.46E-02	0.00E+00
2.12E+01	7.53E+01	-2.26E-02	-1.95E-02	0.00E+00
2.12E+01	7.53E+01	-8.38E-02	-1.71E-02	0.00E+00
2.12E+01	7.53E+01	1.15E-01	-1.95E-02	0.00E+00
2.12E+01	7.53E+01	3.85E-02	-1.22E-03	0.00E+00
2.12E+01	7.53E+01	6.91E-02	-1.59E-02	0.00E+00
2.13E+01	7.54E+01	-2.26E-02	-1.71E-02	0.00E+00
2.13E+01	7.53E+01	1.46E-01	-1.22E-02	0.00E+00
2.13E+01	7.54E+01	1.30E-01	-2.44E-02	0.00E+00
2.13E+01	7.54E+01	5.38E-02	-1.59E-02	0.00E+00
2.13E+01	7.51E+01	-1.76E-01	-2.08E-02	0.00E+00
2.14E+01	7.49E+01	7.95E-03	-4.88E-03	0.00E+00
2.14E+01	7.48E+01	1.30E-01	-1.46E-02	0.00E+00
2.14E+01	7.48E+01	-3.79E-02	-1.46E-02	0.00E+00
2.14E+01	7.48E+01	1.30E-01	-2.32E-02	0.00E+00
2.14E+01	7.48E+01	7.95E-03	-9.77E-03	0.00E+00
2.15E+01	7.48E+01	7.95E-03	-2.81E-02	0.00E+00
2.15E+01	7.48E+01	-3.28E-01	-1.34E-02	0.00E+00
2.15E+01	7.48E+01	9.97E-02	-1.95E-02	0.00E+00
2.15E+01	7.49E+01	4.05E-01	-1.22E-02	0.00E+00
2.15E+01	7.48E+01	-2.26E-02	-1.71E-02	0.00E+00
2.16E+01	7.48E+01	9.97E-02	-2.44E-02	0.00E+00
2.16E+01	7.48E+01	1.30E-01	-1.71E-02	0.00E+00
2.16E+01	7.47E+01	3.85E-02	-1.95E-02	0.00E+00
2.16E+01	7.48E+01	3.85E-02	-1.34E-02	0.00E+00
2.16E+01	7.50E+01	-5.32E-02	-2.32E-02	0.00E+00
2.17E+01	7.49E+01	-5.32E-02	-2.08E-02	0.00E+00
2.17E+01	7.48E+01	3.85E-02	-1.22E-02	0.00E+00
2.17E+01	7.50E+01	-7.34E-03	-9.77E-03	0.00E+00
2.17E+01	7.48E+01	9.97E-02	-1.71E-02	0.00E+00
2.17E+01	7.48E+01	8.44E-02	-2.56E-02	0.00E+00
2.18E+01	7.49E+01	1.15E-01	-1.95E-02	0.00E+00
2.18E+01	7.48E+01	1.61E-01	-1.46E-02	0.00E+00
2.18E+01	7.49E+01	1.61E-01	-2.20E-02	0.00E+00
2.18E+01	7.47E+01	-3.79E-02	-7.32E-03	0.00E+00
2.18E+01	7.48E+01	6.91E-02	0.00E+00	0.00E+00
2.19E+01	7.48E+01	3.85E-02	-2.69E-02	0.00E+00
2.19E+01	7.48E+01	1.30E-01	-1.22E-02	0.00E+00
2.19E+01	7.48E+01	6.91E-02	-1.95E-02	0.00E+00
2.19E+01	7.48E+01	8.44E-02	7.32E-03	0.00E+00

2.19E+01	7.49E+01	9.97E-02	-1.10E-02	0.00E+00
2.20E+01	7.49E+01	-5.32E-02	-1.71E-02	0.00E+00
2.20E+01	7.48E+01	7.95E-03	-3.42E-02	0.00E+00
2.20E+01	7.47E+01	7.95E-03	-1.46E-02	0.00E+00
2.20E+01	7.48E+01	-8.38E-02	-4.64E-02	0.00E+00
2.20E+01	7.49E+01	6.91E-02	-1.83E-02	0.00E+00
2.21E+01	7.48E+01	1.61E-01	-1.46E-02	0.00E+00
2.21E+01	7.48E+01	7.95E-03	3.66E-03	0.00E+00
2.21E+01	7.49E+01	6.91E-02	-8.54E-03	0.00E+00
2.21E+01	7.48E+01	-3.79E-02	-1.22E-02	0.00E+00
2.21E+01	7.47E+01	2.68E-01	-1.83E-02	0.00E+00
2.22E+01	7.49E+01	2.32E-02	-2.44E-02	0.00E+00
2.22E+01	7.49E+01	9.97E-02	-1.71E-02	0.00E+00
2.22E+01	7.48E+01	7.95E-03	-9.77E-03	0.00E+00
2.22E+01	7.47E+01	9.97E-02	-1.22E-02	0.00E+00
2.22E+01	7.48E+01	2.07E-01	-2.44E-02	0.00E+00
2.23E+01	7.48E+01	1.30E-01	-1.34E-02	0.00E+00
2.23E+01	7.49E+01	3.85E-02	-1.10E-02	0.00E+00
2.23E+01	7.48E+01	2.22E-01	-1.46E-02	0.00E+00
2.23E+01	7.48E+01	6.91E-02	-7.32E-03	0.00E+00
2.23E+01	7.48E+01	5.38E-02	-7.32E-03	0.00E+00
2.24E+01	7.48E+01	-1.14E-01	-2.44E-02	0.00E+00
2.24E+01	7.48E+01	1.61E-01	-9.77E-03	0.00E+00
2.24E+01	7.48E+01	7.95E-03	-1.59E-02	0.00E+00
2.24E+01	7.49E+01	6.91E-02	4.88E-03	0.00E+00
2.24E+01	7.48E+01	1.30E-01	-2.93E-02	0.00E+00
2.25E+01	7.49E+01	6.91E-02	-1.46E-02	0.00E+00
2.25E+01	7.48E+01	-1.45E-01	-1.10E-02	0.00E+00
2.25E+01	7.48E+01	-6.85E-02	0.00E+00	0.00E+00
2.25E+01	7.48E+01	-1.76E-01	-2.69E-02	0.00E+00
2.25E+01	7.48E+01	-2.67E-01	-4.88E-02	0.00E+00
2.26E+01	7.48E+01	3.85E-02	-2.20E-02	0.00E+00
2.26E+01	7.48E+01	1.30E-01	-2.20E-02	0.00E+00
2.26E+01	7.48E+01	6.91E-02	-2.81E-02	0.00E+00
2.26E+01	7.48E+01	-8.38E-02	-1.95E-02	0.00E+00
2.26E+01	7.48E+01	5.38E-02	-7.32E-03	0.00E+00
2.27E+01	7.47E+01	1.76E-01	-1.95E-02	0.00E+00
2.27E+01	7.48E+01	7.95E-03	-2.32E-02	0.00E+00
2.27E+01	7.48E+01	7.95E-03	-1.71E-02	0.00E+00
2.27E+01	7.48E+01	2.53E-01	-1.71E-02	0.00E+00
2.27E+01	7.49E+01	1.61E-01	-9.77E-03	0.00E+00
2.28E+01	7.49E+01	1.76E-01	-2.44E-02	0.00E+00
2.28E+01	7.48E+01	1.30E-01	-7.32E-03	0.00E+00
2.28E+01	7.49E+01	1.61E-01	-1.95E-02	0.00E+00

Current File O:\Projects\914220~1\ODYSSE~1\processed_data\Ody1127A.csv

Original File C:\Data\9142OdysseyLiftGate\Ody1127.dx3

File descrip 9142 2005 Honda Odyssey LiftGate liftgate - Esser

Project ID: Project ID

File ID: ORIGINAL

Test Date: #####

Test Time: 06:06.0

Current Da #####

Current Tin 8:36:18

Number of 4

Number of 1728

Independe 0.02

Independe -4.36

Independe Sec

Time	Angle	Force	LiftgateMo	StrutCalDisplacement
Sec	Degrees	lbs	volts	inches
-4.36E+00	7.48E+01	5.38E-02	-2.44E-02	0.00E+00
-4.34E+00	7.47E+01	-1.14E-01	-2.08E-02	0.00E+00
-4.32E+00	7.48E+01	2.32E-02	-2.44E-02	0.00E+00
-4.30E+00	7.48E+01	-5.32E-02	-1.71E-02	0.00E+00
-4.28E+00	7.49E+01	5.38E-02	-1.46E-02	0.00E+00
-4.26E+00	7.49E+01	2.22E-01	-2.08E-02	0.00E+00
-4.24E+00	7.49E+01	1.61E-01	-1.22E-02	0.00E+00
-4.22E+00	7.48E+01	1.15E-01	-9.77E-03	0.00E+00
-4.20E+00	7.48E+01	-9.91E-02	-1.71E-02	0.00E+00
-4.18E+00	7.48E+01	5.38E-02	-9.77E-03	0.00E+00
-4.16E+00	7.47E+01	-5.32E-02	-1.22E-02	0.00E+00
-4.14E+00	7.48E+01	-8.38E-02	-1.59E-02	0.00E+00
-4.12E+00	7.46E+01	9.97E-02	-1.34E-02	0.00E+00
-4.10E+00	7.48E+01	2.83E-01	-1.46E-02	0.00E+00
-4.08E+00	7.47E+01	1.30E-01	-1.83E-02	0.00E+00
-4.06E+00	7.49E+01	-3.13E-01	-1.83E-02	0.00E+00
-4.04E+00	7.48E+01	1.76E-01	-1.71E-02	0.00E+00
-4.02E+00	7.47E+01	-2.26E-02	-7.32E-03	0.00E+00
-4.00E+00	7.48E+01	-2.67E-01	-1.95E-02	0.00E+00
-3.98E+00	7.48E+01	3.85E-02	-1.22E-02	0.00E+00
-3.96E+00	7.46E+01	-2.37E-01	-1.34E-02	0.00E+00
-3.94E+00	7.48E+01	1.30E-01	-2.20E-02	0.00E+00
-3.92E+00	7.49E+01	5.38E-02	-2.81E-02	0.00E+00
-3.90E+00	7.48E+01	-2.06E-01	-1.34E-02	0.00E+00
-3.88E+00	7.48E+01	8.44E-02	-1.59E-02	0.00E+00
-3.86E+00	7.47E+01	-1.60E-01	-1.83E-02	0.00E+00
-3.84E+00	7.48E+01	2.22E-01	-2.20E-02	0.00E+00
-3.82E+00	7.48E+01	9.97E-02	-1.59E-02	0.00E+00
-3.80E+00	7.47E+01	9.97E-02	-7.32E-03	0.00E+00
-3.78E+00	7.49E+01	2.32E-02	-7.32E-03	0.00E+00
-3.76E+00	7.48E+01	9.97E-02	-9.77E-03	0.00E+00

-3.74E+00	7.48E+01	1.76E-01	-1.22E-02	0.00E+00
-3.72E+00	7.47E+01	9.97E-02	-1.46E-02	0.00E+00
-3.70E+00	7.48E+01	7.95E-03	-6.10E-03	0.00E+00
-3.68E+00	7.48E+01	6.91E-02	-2.69E-02	0.00E+00
-3.66E+00	7.48E+01	9.97E-02	-9.77E-03	0.00E+00
-3.64E+00	7.48E+01	1.91E-01	-1.22E-02	0.00E+00
-3.62E+00	7.48E+01	9.97E-02	-1.22E-02	0.00E+00
-3.60E+00	7.47E+01	1.15E-01	-4.88E-03	0.00E+00
-3.58E+00	7.48E+01	2.32E-02	-9.77E-03	0.00E+00
-3.56E+00	7.47E+01	3.85E-02	-9.77E-03	0.00E+00
-3.54E+00	7.48E+01	-8.38E-02	-7.32E-03	0.00E+00
-3.52E+00	7.48E+01	-3.79E-02	-1.34E-02	0.00E+00
-3.50E+00	7.48E+01	9.97E-02	2.44E-03	0.00E+00
-3.48E+00	7.48E+01	1.61E-01	-1.10E-02	0.00E+00
-3.46E+00	7.47E+01	7.95E-03	7.32E-03	0.00E+00
-3.44E+00	7.47E+01	7.95E-03	-1.34E-02	0.00E+00
-3.42E+00	7.48E+01	6.91E-02	-1.71E-02	0.00E+00
-3.40E+00	7.48E+01	-1.14E-01	-3.42E-02	0.00E+00
-3.38E+00	7.48E+01	7.95E-03	-2.08E-02	0.00E+00
-3.36E+00	7.48E+01	-6.85E-02	-2.69E-02	0.00E+00
-3.34E+00	7.47E+01	3.85E-02	-1.46E-02	0.00E+00
-3.32E+00	7.48E+01	6.91E-02	-1.83E-02	0.00E+00
-3.30E+00	7.48E+01	2.32E-02	-1.34E-02	0.00E+00
-3.28E+00	7.48E+01	2.53E-01	-2.08E-02	0.00E+00
-3.26E+00	7.48E+01	3.85E-02	-1.22E-03	0.00E+00
-3.24E+00	7.48E+01	9.97E-02	-1.71E-02	0.00E+00
-3.22E+00	7.48E+01	-6.85E-02	-2.20E-02	0.00E+00
-3.20E+00	7.49E+01	-2.26E-02	-1.59E-02	0.00E+00
-3.18E+00	7.49E+01	2.32E-02	-2.20E-02	0.00E+00
-3.16E+00	7.47E+01	3.85E-02	-1.46E-02	0.00E+00
-3.14E+00	7.48E+01	-2.26E-02	-2.44E-02	0.00E+00
-3.12E+00	7.48E+01	5.38E-02	-2.20E-02	0.00E+00
-3.10E+00	7.47E+01	7.95E-03	-1.46E-02	0.00E+00
-3.08E+00	7.48E+01	5.38E-02	-2.08E-02	0.00E+00
-3.06E+00	7.47E+01	9.97E-02	-1.95E-02	0.00E+00
-3.04E+00	7.49E+01	1.30E-01	-3.17E-02	0.00E+00
-3.02E+00	7.49E+01	2.83E-01	-1.71E-02	0.00E+00
-3.00E+00	7.48E+01	1.15E-01	-1.71E-02	0.00E+00
-2.98E+00	7.48E+01	5.38E-02	-1.71E-02	0.00E+00
-2.96E+00	7.49E+01	1.30E-01	-1.71E-02	0.00E+00
-2.94E+00	7.48E+01	6.91E-02	-2.69E-02	0.00E+00
-2.92E+00	7.48E+01	6.91E-02	-8.54E-03	0.00E+00
-2.90E+00	7.50E+01	7.95E-03	-1.83E-02	0.00E+00
-2.88E+00	7.48E+01	2.22E-01	-1.95E-02	0.00E+00
-2.86E+00	7.47E+01	1.61E-01	-1.71E-02	0.00E+00
-2.84E+00	7.48E+01	1.91E-01	-3.66E-03	0.00E+00
-2.82E+00	7.48E+01	-5.32E-02	-9.77E-03	0.00E+00

-2.80E+00	7.46E+01	-9.91E-02	-1.22E-02	0.00E+00
-2.78E+00	7.48E+01	2.53E-01	-1.95E-02	0.00E+00
-2.76E+00	7.48E+01	6.91E-02	-1.95E-02	0.00E+00
-2.74E+00	7.49E+01	1.30E-01	-2.20E-02	0.00E+00
-2.72E+00	7.48E+01	2.83E-01	-9.77E-03	0.00E+00
-2.70E+00	7.48E+01	2.22E-01	-1.71E-02	0.00E+00
-2.68E+00	7.47E+01	-9.91E-02	-1.34E-02	0.00E+00
-2.66E+00	7.48E+01	2.53E-01	-1.34E-02	0.00E+00
-2.64E+00	7.47E+01	-2.26E-02	-3.66E-03	0.00E+00
-2.62E+00	7.48E+01	-5.32E-02	-1.46E-02	0.00E+00
-2.60E+00	7.48E+01	-2.26E-02	-9.77E-03	0.00E+00
-2.58E+00	7.48E+01	-3.79E-02	-1.71E-02	0.00E+00
-2.56E+00	7.48E+01	2.37E-01	-9.77E-03	0.00E+00
-2.54E+00	7.48E+01	9.97E-02	0.00E+00	0.00E+00
-2.52E+00	7.48E+01	-5.32E-02	-9.77E-03	0.00E+00
-2.50E+00	7.48E+01	2.53E-01	-1.22E-02	0.00E+00
-2.48E+00	7.47E+01	2.22E-01	-7.32E-03	0.00E+00
-2.46E+00	7.48E+01	7.95E-03	-1.10E-02	0.00E+00
-2.44E+00	7.48E+01	1.46E-01	-4.88E-03	0.00E+00
-2.42E+00	7.48E+01	3.85E-02	-1.83E-02	0.00E+00
-2.40E+00	7.48E+01	1.91E-01	-3.78E-02	0.00E+00
-2.38E+00	7.47E+01	5.38E-02	-1.95E-02	0.00E+00
-2.36E+00	7.48E+01	-5.32E-02	-1.46E-02	0.00E+00
-2.34E+00	7.48E+01	-2.26E-02	3.66E-03	0.00E+00
-2.32E+00	7.47E+01	9.97E-02	-1.22E-03	0.00E+00
-2.30E+00	7.47E+01	-8.38E-02	-1.46E-02	0.00E+00
-2.28E+00	7.47E+01	3.85E-02	-2.69E-02	0.00E+00
-2.26E+00	7.48E+01	-2.26E-02	-1.22E-02	0.00E+00
-2.24E+00	7.48E+01	-9.91E-02	-3.66E-02	0.00E+00
-2.22E+00	7.47E+01	3.85E-02	-1.46E-02	0.00E+00
-2.20E+00	7.48E+01	7.95E-03	-1.34E-02	0.00E+00
-2.18E+00	7.48E+01	5.38E-02	-2.81E-02	0.00E+00
-2.16E+00	7.47E+01	-8.38E-02	-9.77E-03	0.00E+00
-2.14E+00	7.48E+01	8.44E-02	-9.77E-03	0.00E+00
-2.12E+00	7.47E+01	9.97E-02	-6.10E-03	0.00E+00
-2.10E+00	7.48E+01	-2.26E-02	-2.93E-02	0.00E+00
-2.08E+00	7.48E+01	8.44E-02	-7.32E-03	0.00E+00
-2.06E+00	7.48E+01	-1.14E-01	-1.95E-02	0.00E+00
-2.04E+00	7.48E+01	3.85E-02	-1.22E-02	0.00E+00
-2.02E+00	7.48E+01	2.32E-02	-1.95E-02	0.00E+00
-2.00E+00	7.48E+01	-6.85E-02	-1.46E-02	0.00E+00
-1.98E+00	7.48E+01	3.85E-02	-2.32E-02	0.00E+00
-1.96E+00	7.48E+01	-1.45E-01	-2.08E-02	0.00E+00
-1.94E+00	7.49E+01	1.76E-01	-3.66E-02	0.00E+00
-1.92E+00	7.48E+01	1.61E-01	-6.10E-03	0.00E+00
-1.90E+00	7.48E+01	1.91E-01	-1.46E-02	0.00E+00
-1.88E+00	7.49E+01	-2.26E-02	-2.93E-02	0.00E+00

-1.86E+00	7.49E+01	8.44E-02	-2.20E-02	0.00E+00
-1.84E+00	7.48E+01	2.07E-01	-1.46E-02	0.00E+00
-1.82E+00	7.48E+01	9.97E-02	2.44E-03	0.00E+00
-1.80E+00	7.48E+01	1.61E-01	-1.95E-02	0.00E+00
-1.78E+00	7.49E+01	1.15E-01	-2.08E-02	0.00E+00
-1.76E+00	7.49E+01	1.91E-01	-1.46E-02	0.00E+00
-1.74E+00	7.48E+01	7.95E-03	-1.34E-02	0.00E+00
-1.72E+00	7.48E+01	6.91E-02	-7.32E-03	0.00E+00
-1.70E+00	7.48E+01	2.22E-01	-1.83E-02	0.00E+00
-1.68E+00	7.49E+01	1.15E-01	-2.44E-03	0.00E+00
-1.66E+00	7.48E+01	6.91E-02	-4.88E-03	0.00E+00
-1.64E+00	7.48E+01	1.30E-01	-1.95E-02	0.00E+00
-1.62E+00	7.49E+01	1.46E-01	-3.42E-02	0.00E+00
-1.60E+00	7.49E+01	5.38E-02	-1.46E-02	0.00E+00
-1.58E+00	7.47E+01	8.44E-02	7.32E-03	0.00E+00
-1.56E+00	7.47E+01	2.32E-02	-7.32E-03	0.00E+00
-1.54E+00	7.48E+01	1.61E-01	-1.71E-02	0.00E+00
-1.52E+00	7.47E+01	9.97E-02	-2.44E-03	0.00E+00
-1.50E+00	7.48E+01	-7.34E-03	-1.71E-02	0.00E+00
-1.48E+00	7.48E+01	3.85E-02	-3.66E-03	0.00E+00
-1.46E+00	7.49E+01	3.85E-02	-1.59E-02	0.00E+00
-1.44E+00	7.48E+01	5.38E-02	-2.08E-02	0.00E+00
-1.42E+00	7.49E+01	9.97E-02	-3.91E-02	0.00E+00
-1.40E+00	7.48E+01	2.32E-02	-9.77E-03	0.00E+00
-1.38E+00	7.49E+01	7.95E-03	-2.93E-02	0.00E+00
-1.36E+00	7.49E+01	-2.26E-02	-2.69E-02	0.00E+00
-1.34E+00	7.48E+01	1.91E-01	-1.71E-02	0.00E+00
-1.32E+00	7.49E+01	1.91E-01	-3.42E-02	0.00E+00
-1.30E+00	7.48E+01	6.91E-02	-1.46E-02	0.00E+00
-1.28E+00	7.49E+01	-7.34E-03	-2.08E-02	0.00E+00
-1.26E+00	7.48E+01	1.46E-01	-1.95E-02	0.00E+00
-1.24E+00	7.47E+01	1.76E-01	-2.20E-02	0.00E+00
-1.22E+00	7.47E+01	-8.38E-02	2.44E-03	0.00E+00
-1.20E+00	7.48E+01	-2.26E-02	-1.83E-02	0.00E+00
-1.18E+00	7.47E+01	-5.32E-02	-2.20E-02	0.00E+00
-1.16E+00	7.48E+01	2.83E-01	-1.10E-02	0.00E+00
-1.14E+00	7.48E+01	-6.85E-02	-3.17E-02	0.00E+00
-1.12E+00	7.48E+01	-3.79E-02	-1.95E-02	0.00E+00
-1.10E+00	7.47E+01	-1.76E-01	-1.22E-02	0.00E+00
-1.08E+00	7.47E+01	2.32E-02	0.00E+00	0.00E+00
-1.06E+00	7.48E+01	-1.60E-01	-1.22E-02	0.00E+00
-1.04E+00	7.48E+01	7.95E-03	-3.42E-02	0.00E+00
-1.02E+00	7.48E+01	9.97E-02	-9.77E-03	0.00E+00
-1.00E+00	7.48E+01	-8.38E-02	-1.95E-02	0.00E+00
-9.80E-01	7.48E+01	7.95E-03	-2.44E-02	0.00E+00
-9.60E-01	7.48E+01	3.85E-02	-2.44E-02	0.00E+00
-9.40E-01	7.48E+01	8.44E-02	1.95E-02	0.00E+00

-9.20E-01	7.48E+01	7.95E-03	-2.20E-02	0.00E+00
-9.00E-01	7.49E+01	3.44E-01	-3.17E-02	0.00E+00
-8.80E-01	7.49E+01	1.30E-01	-1.10E-02	0.00E+00
-8.60E-01	7.49E+01	-7.34E-03	-1.95E-02	0.00E+00
-8.40E-01	7.48E+01	1.30E-01	-1.59E-02	0.00E+00
-8.20E-01	7.47E+01	1.61E-01	-2.44E-03	0.00E+00
-8.00E-01	7.48E+01	7.95E-03	-2.93E-02	0.00E+00
-7.80E-01	7.48E+01	3.85E-02	-2.44E-03	0.00E+00
-7.60E-01	7.48E+01	9.97E-02	-1.34E-02	0.00E+00
-7.40E-01	7.47E+01	8.44E-02	-1.22E-02	0.00E+00
-7.20E-01	7.48E+01	-2.26E-02	-1.22E-02	0.00E+00
-7.00E-01	7.48E+01	2.22E-01	-2.93E-02	0.00E+00
-6.80E-01	7.48E+01	-2.26E-02	-2.32E-02	0.00E+00
-6.60E-01	7.49E+01	2.22E-01	-1.71E-02	0.00E+00
-6.40E-01	7.48E+01	3.85E-02	-3.17E-02	0.00E+00
-6.20E-01	7.47E+01	-2.26E-02	-2.20E-02	0.00E+00
-6.00E-01	7.48E+01	1.91E-01	4.88E-03	0.00E+00
-5.80E-01	7.47E+01	-7.34E-03	-1.71E-02	0.00E+00
-5.60E-01	7.48E+01	-8.38E-02	-7.32E-03	0.00E+00
-5.40E-01	7.50E+01	7.95E-03	-1.95E-02	0.00E+00
-5.20E-01	7.48E+01	-7.34E-03	-3.91E-02	0.00E+00
-5.00E-01	7.48E+01	-2.26E-02	-1.95E-02	0.00E+00
-4.80E-01	7.47E+01	-1.14E-01	-1.46E-02	0.00E+00
-4.60E-01	7.47E+01	3.85E-02	-1.46E-02	0.00E+00
-4.40E-01	7.48E+01	1.91E-01	-2.20E-02	0.00E+00
-4.20E-01	7.48E+01	9.97E-02	-6.10E-03	0.00E+00
-4.00E-01	7.48E+01	-3.79E-02	-1.95E-02	0.00E+00
-3.80E-01	7.48E+01	1.30E-01	-2.20E-02	0.00E+00
-3.60E-01	7.48E+01	8.44E-02	-1.71E-02	0.00E+00
-3.40E-01	7.48E+01	1.46E-01	-9.77E-03	0.00E+00
-3.20E-01	7.47E+01	1.61E-01	-1.46E-02	0.00E+00
-3.00E-01	7.48E+01	6.91E-02	-2.56E-02	0.00E+00
-2.80E-01	7.47E+01	1.30E-01	-1.71E-02	0.00E+00
-2.60E-01	7.47E+01	6.91E-02	-1.46E-02	0.00E+00
-2.40E-01	7.48E+01	3.85E-02	-1.22E-02	0.00E+00
-2.20E-01	7.47E+01	-1.45E-01	-7.32E-03	0.00E+00
-2.00E-01	7.47E+01	-3.79E-02	-1.95E-02	0.00E+00
-1.80E-01	7.48E+01	1.30E-01	-1.22E-02	0.00E+00
-1.60E-01	7.46E+01	-5.32E-02	-2.08E-02	0.00E+00
-1.40E-01	7.48E+01	-2.26E-02	-2.69E-02	0.00E+00
-1.20E-01	7.48E+01	-8.38E-02	-1.46E-02	0.00E+00
-1.00E-01	7.48E+01	3.85E-02	-1.22E-02	0.00E+00
-8.00E-02	7.48E+01	8.44E-02	-4.52E-02	0.00E+00
-6.00E-02	7.47E+01	8.44E-02	-1.71E-02	0.00E+00
-4.00E-02	7.43E+01	-1.14E-01	-1.95E-02	0.00E+00
-2.00E-02	7.43E+01	-5.32E-02	-1.95E-02	0.00E+00
0.00E+00	7.42E+01	2.37E-01	-3.66E-02	0.00E+00

2.00E-02	7.43E+01	1.61E-01	-2.44E-02	0.00E+00
4.00E-02	7.42E+01	-2.26E-02	-1.71E-02	0.00E+00
6.00E-02	7.41E+01	-1.76E-01	-1.46E-02	0.00E+00
8.00E-02	7.42E+01	-3.79E-02	-1.95E-02	0.00E+00
1.00E-01	7.42E+01	-2.26E-02	-1.95E-02	0.00E+00
1.20E-01	7.42E+01	5.38E-02	-3.78E-02	0.00E+00
1.40E-01	7.41E+01	3.85E-02	-1.34E-02	0.00E+00
1.60E-01	7.39E+01	-2.26E-02	-2.20E-02	0.00E+00
1.80E-01	7.37E+01	-1.76E-01	-2.44E-02	0.00E+00
2.00E-01	7.37E+01	1.15E-01	-4.88E-03	0.00E+00
2.20E-01	7.36E+01	-7.34E-03	-1.95E-02	0.00E+00
2.40E-01	7.36E+01	7.95E-03	-2.69E-02	0.00E+00
2.60E-01	7.36E+01	-1.30E-01	-1.22E-02	0.00E+00
2.80E-01	7.30E+01	6.91E-02	-2.44E-02	0.00E+00
3.00E-01	7.31E+01	-5.32E-02	-1.95E-02	0.00E+00
3.20E-01	7.30E+01	6.91E-02	-2.20E-02	0.00E+00
3.40E-01	7.26E+01	-8.38E-02	-2.69E-02	0.00E+00
3.60E-01	7.25E+01	9.97E-02	-2.56E-02	0.00E+00
3.80E-01	7.24E+01	8.44E-02	-1.46E-02	0.00E+00
4.00E-01	7.23E+01	7.95E-03	-1.71E-02	0.00E+00
4.20E-01	7.19E+01	9.97E-02	-1.95E-02	0.00E+00
4.40E-01	7.19E+01	5.38E-02	-1.71E-02	0.00E+00
4.60E-01	7.17E+01	-5.32E-02	-3.30E-02	0.00E+00
4.80E-01	7.15E+01	2.98E-01	-1.95E-02	0.00E+00
5.00E-01	7.13E+01	1.30E-01	-1.83E-02	0.00E+00
5.20E-01	7.12E+01	9.97E-02	-4.88E-03	0.00E+00
5.40E-01	7.08E+01	2.83E-01	-7.32E-03	0.00E+00
5.60E-01	7.05E+01	5.38E-02	-1.22E-03	0.00E+00
5.80E-01	7.06E+01	2.37E-01	-1.46E-02	0.00E+00
6.00E-01	7.04E+01	8.44E-02	-7.32E-03	0.00E+00
6.20E-01	7.06E+01	7.95E-03	-1.71E-02	0.00E+00
6.40E-01	7.01E+01	-5.32E-02	-1.34E-02	0.00E+00
6.60E-01	6.99E+01	-2.26E-02	-9.77E-03	0.00E+00
6.80E-01	7.00E+01	9.97E-02	-2.69E-02	0.00E+00
7.00E-01	6.96E+01	-5.32E-02	-1.83E-02	0.00E+00
7.20E-01	6.93E+01	-9.91E-02	-2.56E-02	0.00E+00
7.40E-01	6.94E+01	-2.26E-02	-3.91E-02	0.00E+00
7.60E-01	6.92E+01	-8.38E-02	-1.22E-02	0.00E+00
7.80E-01	6.85E+01	6.91E-02	-2.81E-02	0.00E+00
8.00E-01	6.90E+01	2.37E-01	-2.20E-02	0.00E+00
8.20E-01	6.86E+01	-2.26E-02	-1.95E-02	0.00E+00
8.40E-01	6.79E+01	1.91E-01	-1.46E-02	0.00E+00
8.60E-01	6.79E+01	6.91E-02	-2.08E-02	0.00E+00
8.80E-01	6.79E+01	1.30E-01	-7.32E-03	0.00E+00
9.00E-01	6.73E+01	7.95E-03	-2.44E-03	0.00E+00
9.20E-01	6.73E+01	-8.38E-02	-7.32E-03	0.00E+00
9.40E-01	6.73E+01	3.75E-01	-9.77E-03	0.00E+00

9.60E-01	6.69E+01	1.76E-01	1.95E-02	0.00E+00
9.80E-01	6.66E+01	-2.26E-02	-1.71E-02	0.00E+00
1.00E+00	6.66E+01	1.30E-01	1.22E-03	0.00E+00
1.02E+00	6.63E+01	-2.26E-02	-7.32E-03	0.00E+00
1.04E+00	6.61E+01	6.91E-02	-1.22E-02	0.00E+00
1.06E+00	6.60E+01	-1.45E-01	-1.46E-02	0.00E+00
1.08E+00	6.58E+01	-9.91E-02	-2.20E-02	0.00E+00
1.10E+00	6.54E+01	2.32E-02	-8.54E-03	0.00E+00
1.12E+00	6.55E+01	-5.32E-02	-1.46E-02	0.00E+00
1.14E+00	6.53E+01	9.97E-02	-2.44E-02	0.00E+00
1.16E+00	6.49E+01	2.37E-01	-1.46E-02	0.00E+00
1.18E+00	6.49E+01	-2.26E-02	-1.95E-02	0.00E+00
1.20E+00	6.47E+01	9.97E-02	-1.83E-02	0.00E+00
1.22E+00	6.44E+01	-5.32E-02	3.66E-03	0.00E+00
1.24E+00	6.43E+01	2.22E-01	-2.44E-02	0.00E+00
1.26E+00	6.41E+01	1.46E-01	-7.32E-03	0.00E+00
1.28E+00	6.38E+01	2.22E-01	-2.44E-03	0.00E+00
1.30E+00	6.37E+01	1.30E-01	-1.46E-02	0.00E+00
1.32E+00	6.35E+01	9.97E-02	-1.83E-02	0.00E+00
1.34E+00	6.31E+01	1.76E-01	-1.22E-02	0.00E+00
1.36E+00	6.32E+01	-5.32E-02	-9.77E-03	0.00E+00
1.38E+00	6.29E+01	5.38E-02	-1.22E-02	0.00E+00
1.40E+00	6.26E+01	6.91E-02	-1.22E-02	0.00E+00
1.42E+00	6.23E+01	-6.85E-02	-1.46E-02	0.00E+00
1.44E+00	6.22E+01	9.97E-02	-2.20E-02	0.00E+00
1.46E+00	6.19E+01	6.91E-02	6.10E-03	0.00E+00
1.48E+00	6.20E+01	3.85E-02	-2.20E-02	0.00E+00
1.50E+00	6.15E+01	6.91E-02	-2.20E-02	0.00E+00
1.52E+00	6.15E+01	9.97E-02	-2.44E-02	0.00E+00
1.54E+00	6.15E+01	3.75E-01	-4.88E-02	0.00E+00
1.56E+00	6.10E+01	5.38E-02	-1.22E-02	0.00E+00
1.58E+00	6.09E+01	-5.32E-02	-2.56E-02	0.00E+00
1.60E+00	6.08E+01	8.44E-02	-2.20E-02	0.00E+00
1.62E+00	6.03E+01	2.98E-01	-2.69E-02	0.00E+00
1.64E+00	6.04E+01	-8.38E-02	-1.22E-02	0.00E+00
1.66E+00	6.02E+01	7.95E-03	-2.08E-02	0.00E+00
1.68E+00	5.96E+01	3.85E-02	-2.44E-03	0.00E+00
1.70E+00	5.97E+01	-2.26E-02	-7.32E-03	0.00E+00
1.72E+00	5.97E+01	6.91E-02	-1.22E-02	0.00E+00
1.74E+00	5.91E+01	6.91E-02	-4.88E-03	0.00E+00
1.76E+00	5.91E+01	9.97E-02	-3.30E-02	0.00E+00
1.78E+00	5.88E+01	3.85E-02	-1.10E-02	0.00E+00
1.80E+00	5.85E+01	3.85E-02	-1.83E-02	0.00E+00
1.82E+00	5.85E+01	-2.26E-02	-3.17E-02	0.00E+00
1.84E+00	5.82E+01	1.61E-01	-1.46E-02	0.00E+00
1.86E+00	5.79E+01	-8.38E-02	-8.54E-03	0.00E+00
1.88E+00	5.79E+01	2.53E-01	-1.71E-02	0.00E+00

1.90E+00	5.77E+01	7.95E-03	-1.71E-02	0.00E+00
1.92E+00	5.74E+01	-5.32E-02	-1.71E-02	0.00E+00
1.94E+00	5.73E+01	3.85E-02	-1.83E-02	0.00E+00
1.96E+00	5.69E+01	-3.79E-02	-5.00E-02	0.00E+00
1.98E+00	5.68E+01	-8.38E-02	-1.46E-02	0.00E+00
2.00E+00	5.67E+01	7.95E-03	-2.20E-02	0.00E+00
2.02E+00	5.62E+01	-1.91E-01	-2.44E-02	0.00E+00
2.04E+00	5.62E+01	1.15E-01	-7.32E-03	0.00E+00
2.06E+00	5.59E+01	-7.34E-03	-1.34E-02	0.00E+00
2.08E+00	5.56E+01	3.85E-02	-2.44E-02	0.00E+00
2.10E+00	5.56E+01	3.44E-01	-2.20E-02	0.00E+00
2.12E+00	5.50E+01	1.91E-01	-1.46E-02	0.00E+00
2.14E+00	5.50E+01	7.95E-03	-1.71E-02	0.00E+00
2.16E+00	5.47E+01	2.37E-01	-1.34E-02	0.00E+00
2.18E+00	5.46E+01	3.85E-02	-9.77E-03	0.00E+00
2.20E+00	5.44E+01	1.61E-01	-1.95E-02	0.00E+00
2.22E+00	5.40E+01	3.85E-02	-3.17E-02	0.00E+00
2.24E+00	5.38E+01	6.91E-02	-9.77E-03	0.00E+00
2.26E+00	5.38E+01	3.85E-02	-1.22E-02	0.00E+00
2.28E+00	5.33E+01	9.97E-02	0.00E+00	0.00E+00
2.30E+00	5.32E+01	2.22E-01	2.20E-02	0.00E+00
2.32E+00	5.30E+01	-8.38E-02	-1.59E-02	0.00E+00
2.34E+00	5.27E+01	2.32E-02	-1.95E-02	0.00E+00
2.36E+00	5.27E+01	7.95E-03	1.22E-03	0.00E+00
2.38E+00	5.21E+01	2.68E-01	-1.22E-02	0.00E+00
2.40E+00	5.21E+01	6.91E-02	-3.17E-02	0.00E+00
2.42E+00	5.21E+01	-1.45E-01	-1.46E-02	0.00E+00
2.44E+00	5.14E+01	6.91E-02	-1.71E-02	0.00E+00
2.46E+00	5.16E+01	-5.32E-02	-4.88E-03	0.00E+00
2.48E+00	5.13E+01	6.91E-02	-2.20E-02	0.00E+00
2.50E+00	5.10E+01	2.32E-02	-4.76E-02	0.00E+00
2.52E+00	5.10E+01	-6.85E-02	-1.34E-02	0.00E+00
2.54E+00	5.06E+01	-8.38E-02	-4.88E-03	0.00E+00
2.56E+00	5.04E+01	2.53E-01	-1.46E-02	0.00E+00
2.58E+00	5.04E+01	5.38E-02	8.54E-03	0.00E+00
2.60E+00	4.99E+01	5.38E-02	-1.95E-02	0.00E+00
2.62E+00	4.98E+01	-8.38E-02	-2.20E-02	0.00E+00
2.64E+00	4.95E+01	1.76E-01	-2.44E-02	0.00E+00
2.66E+00	4.93E+01	3.85E-02	-2.20E-02	0.00E+00
2.68E+00	4.92E+01	1.91E-01	-1.22E-02	0.00E+00
2.70E+00	4.89E+01	1.76E-01	-2.20E-02	0.00E+00
2.72E+00	4.86E+01	-8.38E-02	-1.46E-02	0.00E+00
2.74E+00	4.87E+01	9.97E-02	-2.20E-02	0.00E+00
2.76E+00	4.82E+01	-2.26E-02	-1.34E-02	0.00E+00
2.78E+00	4.81E+01	5.38E-02	-2.08E-02	0.00E+00
2.80E+00	4.78E+01	5.38E-02	-1.95E-02	0.00E+00
2.82E+00	4.76E+01	2.22E-01	6.10E-03	0.00E+00

2.84E+00	4.74E+01	2.22E-01	-7.32E-03	0.00E+00
2.86E+00	4.71E+01	7.95E-03	-2.44E-03	0.00E+00
2.88E+00	4.69E+01	-1.45E-01	-1.10E-02	0.00E+00
2.90E+00	4.68E+01	-8.38E-02	1.22E-02	0.00E+00
2.92E+00	4.63E+01	-2.26E-02	-1.10E-02	0.00E+00
2.94E+00	4.63E+01	3.29E-01	-9.77E-03	0.00E+00
2.96E+00	4.60E+01	1.15E-01	-9.77E-03	0.00E+00
2.98E+00	4.58E+01	-8.38E-02	-1.46E-02	0.00E+00
3.00E+00	4.56E+01	-1.30E-01	-7.32E-03	0.00E+00
3.02E+00	4.52E+01	2.22E-01	-2.44E-02	0.00E+00
3.04E+00	4.50E+01	1.61E-01	-1.22E-02	0.00E+00
3.06E+00	4.47E+01	-8.38E-02	-1.95E-02	0.00E+00
3.08E+00	4.45E+01	9.97E-02	-3.17E-02	0.00E+00
3.10E+00	4.44E+01	9.97E-02	-2.20E-02	0.00E+00
3.12E+00	4.40E+01	-3.79E-02	-1.34E-02	0.00E+00
3.14E+00	4.39E+01	3.85E-02	-1.71E-02	0.00E+00
3.16E+00	4.35E+01	1.61E-01	-2.44E-02	0.00E+00
3.18E+00	4.34E+01	1.30E-01	-4.88E-03	0.00E+00
3.20E+00	4.28E+01	7.95E-03	-9.77E-03	0.00E+00
3.22E+00	4.28E+01	7.95E-03	-1.46E-02	0.00E+00
3.24E+00	4.25E+01	2.83E-01	-1.71E-02	0.00E+00
3.26E+00	4.21E+01	5.38E-02	-2.08E-02	0.00E+00
3.28E+00	4.20E+01	1.15E-01	-2.20E-02	0.00E+00
3.30E+00	4.17E+01	3.85E-02	-7.32E-03	0.00E+00
3.32E+00	4.16E+01	-2.26E-02	-7.32E-03	0.00E+00
3.34E+00	4.11E+01	9.97E-02	-1.46E-02	0.00E+00
3.36E+00	4.11E+01	3.85E-02	-9.77E-03	0.00E+00
3.38E+00	4.09E+01	7.95E-03	-4.52E-02	0.00E+00
3.40E+00	4.06E+01	-2.26E-02	-1.34E-02	0.00E+00
3.42E+00	4.05E+01	1.30E-01	-1.95E-02	0.00E+00
3.44E+00	4.01E+01	2.83E-01	0.00E+00	0.00E+00
3.46E+00	4.00E+01	2.83E-01	-1.71E-02	0.00E+00
3.48E+00	3.94E+01	1.61E-01	-2.20E-02	0.00E+00
3.50E+00	3.95E+01	3.85E-02	-1.71E-02	0.00E+00
3.52E+00	3.89E+01	6.91E-02	-1.59E-02	0.00E+00
3.54E+00	3.88E+01	7.95E-03	-7.32E-03	0.00E+00
3.56E+00	3.85E+01	1.61E-01	-1.71E-02	0.00E+00
3.58E+00	3.82E+01	6.91E-02	7.32E-03	0.00E+00
3.60E+00	3.81E+01	6.91E-02	-9.77E-03	0.00E+00
3.62E+00	3.77E+01	-8.38E-02	-1.10E-02	0.00E+00
3.64E+00	3.76E+01	-1.60E-01	-1.10E-02	0.00E+00
3.66E+00	3.71E+01	3.85E-02	-9.77E-03	0.00E+00
3.68E+00	3.71E+01	-2.26E-02	-2.69E-02	0.00E+00
3.70E+00	3.66E+01	6.91E-02	-2.44E-02	0.00E+00
3.72E+00	3.68E+01	3.75E-01	-1.46E-02	0.00E+00
3.74E+00	3.63E+01	1.61E-01	-1.95E-02	0.00E+00
3.76E+00	3.59E+01	9.97E-02	-2.08E-02	0.00E+00

3.78E+00	3.57E+01	2.53E-01	-1.10E-02	0.00E+00
3.80E+00	3.56E+01	3.85E-02	-1.59E-02	0.00E+00
3.82E+00	3.53E+01	-2.26E-02	-1.22E-02	0.00E+00
3.84E+00	3.50E+01	1.15E-01	-8.54E-03	0.00E+00
3.86E+00	3.46E+01	5.38E-02	-3.66E-03	0.00E+00
3.88E+00	3.45E+01	7.95E-03	-1.22E-02	0.00E+00
3.90E+00	3.41E+01	-1.76E-01	-2.93E-02	0.00E+00
3.92E+00	3.42E+01	-5.32E-02	-9.77E-03	0.00E+00
3.94E+00	3.36E+01	7.95E-03	-1.83E-02	0.00E+00
3.96E+00	3.36E+01	2.53E-01	-2.44E-02	0.00E+00
3.98E+00	3.30E+01	2.32E-02	-2.69E-02	0.00E+00
4.00E+00	3.29E+01	-8.38E-02	-1.10E-02	0.00E+00
4.02E+00	3.26E+01	7.95E-03	-1.34E-02	0.00E+00
4.04E+00	3.23E+01	5.28E-01	-1.71E-02	0.00E+00
4.06E+00	3.20E+01	7.95E-03	-1.46E-02	0.00E+00
4.08E+00	3.19E+01	6.91E-02	-4.88E-03	0.00E+00
4.10E+00	3.13E+01	-9.91E-02	-1.46E-02	0.00E+00
4.12E+00	3.11E+01	9.97E-02	-8.54E-03	0.00E+00
4.14E+00	3.07E+01	1.61E-01	-1.34E-02	0.00E+00
4.16E+00	3.06E+01	6.91E-02	-1.46E-02	0.00E+00
4.18E+00	3.01E+01	6.91E-02	-1.22E-02	0.00E+00
4.20E+00	3.00E+01	7.95E-03	-9.77E-03	0.00E+00
4.22E+00	2.95E+01	-6.85E-02	-2.93E-02	0.00E+00
4.24E+00	2.96E+01	2.22E-01	-7.32E-03	0.00E+00
4.26E+00	2.90E+01	6.91E-02	-2.32E-02	0.00E+00
4.28E+00	2.89E+01	9.97E-02	-1.95E-02	0.00E+00
4.30E+00	2.85E+01	7.95E-03	-9.77E-03	0.00E+00
4.32E+00	2.83E+01	4.36E-01	-1.22E-02	0.00E+00
4.34E+00	2.80E+01	-5.32E-02	-1.34E-02	0.00E+00
4.36E+00	2.76E+01	-2.06E-01	-7.32E-03	0.00E+00
4.38E+00	2.73E+01	1.46E-01	-9.77E-03	0.00E+00
4.40E+00	2.71E+01	-2.26E-02	-1.46E-02	0.00E+00
4.42E+00	2.66E+01	1.30E-01	-2.32E-02	0.00E+00
4.44E+00	2.64E+01	3.85E-02	-2.56E-02	0.00E+00
4.46E+00	2.60E+01	5.38E-02	-1.22E-02	0.00E+00
4.48E+00	2.56E+01	-3.79E-02	-1.22E-02	0.00E+00
4.50E+00	2.55E+01	2.53E-01	-1.83E-02	0.00E+00
4.52E+00	2.49E+01	-1.14E-01	1.22E-02	0.00E+00
4.54E+00	2.48E+01	5.38E-02	-1.22E-02	0.00E+00
4.56E+00	2.44E+01	-2.37E-01	-3.42E-02	0.00E+00
4.58E+00	2.43E+01	6.91E-02	-2.20E-02	0.00E+00
4.60E+00	2.38E+01	2.32E-02	-1.46E-02	0.00E+00
4.62E+00	2.36E+01	6.91E-02	-7.32E-03	0.00E+00
4.64E+00	2.33E+01	3.75E-01	-2.69E-02	0.00E+00
4.66E+00	2.31E+01	6.91E-02	-1.34E-02	0.00E+00
4.68E+00	2.28E+01	1.61E-01	-1.46E-02	0.00E+00
4.70E+00	2.26E+01	3.85E-02	-1.83E-02	0.00E+00

4.72E+00	2.23E+01	1.76E-01	-7.32E-03	0.00E+00
4.74E+00	2.19E+01	2.37E-01	-1.22E-02	0.00E+00
4.76E+00	2.17E+01	-1.14E-01	-2.93E-02	0.00E+00
4.78E+00	2.13E+01	-8.38E-02	-1.46E-02	0.00E+00
4.80E+00	2.14E+01	3.85E-02	-1.71E-02	0.00E+00
4.82E+00	2.08E+01	-1.45E-01	-1.46E-02	0.00E+00
4.84E+00	2.07E+01	6.91E-02	-2.44E-03	0.00E+00
4.86E+00	2.02E+01	1.61E-01	-9.77E-03	0.00E+00
4.88E+00	1.99E+01	-1.45E-01	-2.93E-02	0.00E+00
4.90E+00	1.96E+01	-1.14E-01	-1.83E-02	0.00E+00
4.92E+00	1.94E+01	-2.26E-02	-2.93E-02	0.00E+00
4.94E+00	1.91E+01	1.61E-01	-2.81E-02	0.00E+00
4.96E+00	1.85E+01	6.91E-02	-1.83E-02	0.00E+00
4.98E+00	1.84E+01	-2.26E-02	-9.77E-03	0.00E+00
5.00E+00	1.80E+01	5.38E-02	-2.20E-02	0.00E+00
5.02E+00	1.78E+01	1.15E-01	-7.32E-03	0.00E+00
5.04E+00	1.74E+01	1.61E-01	-2.20E-02	0.00E+00
5.06E+00	1.73E+01	6.91E-02	-1.71E-02	0.00E+00
5.08E+00	1.68E+01	3.85E-02	-1.95E-02	0.00E+00
5.10E+00	1.66E+01	-5.32E-02	-1.46E-02	0.00E+00
5.12E+00	1.61E+01	-1.45E-01	-1.95E-02	0.00E+00
5.14E+00	1.61E+01	-2.26E-02	-2.20E-02	0.00E+00
5.16E+00	1.56E+01	6.91E-02	2.44E-03	0.00E+00
5.18E+00	1.56E+01	1.30E-01	-1.71E-02	0.00E+00
5.20E+00	1.50E+01	8.44E-02	-3.42E-02	0.00E+00
5.22E+00	1.52E+01	7.95E-03	-2.44E-02	0.00E+00
5.24E+00	1.45E+01	-6.85E-02	-1.95E-02	0.00E+00
5.26E+00	1.44E+01	6.91E-02	-1.71E-02	0.00E+00
5.28E+00	1.39E+01	5.38E-02	-1.34E-02	0.00E+00
5.30E+00	1.38E+01	2.32E-02	-1.59E-02	0.00E+00
5.32E+00	1.33E+01	-2.26E-02	-1.71E-02	0.00E+00
5.34E+00	1.34E+01	3.85E-02	-3.42E-02	0.00E+00
5.36E+00	1.28E+01	8.44E-02	-1.10E-02	0.00E+00
5.38E+00	1.26E+01	-5.32E-02	-1.10E-02	0.00E+00
5.40E+00	1.23E+01	7.95E-03	-2.44E-03	0.00E+00
5.42E+00	1.20E+01	1.30E-01	-1.46E-02	0.00E+00
5.44E+00	1.17E+01	-5.32E-02	-7.32E-03	0.00E+00
5.46E+00	1.15E+01	-2.26E-02	-2.08E-02	0.00E+00
5.48E+00	1.11E+01	-7.34E-03	-2.93E-02	0.00E+00
5.50E+00	1.09E+01	3.85E-02	-1.71E-02	0.00E+00
5.52E+00	1.06E+01	-8.38E-02	-2.69E-02	0.00E+00
5.54E+00	1.04E+01	1.61E-01	-2.44E-02	0.00E+00
5.56E+00	1.01E+01	-5.32E-02	-2.08E-02	0.00E+00
5.58E+00	9.70E+00	3.85E-02	-1.22E-02	0.00E+00
5.60E+00	9.46E+00	9.97E-02	-2.69E-02	0.00E+00
5.62E+00	9.16E+00	3.85E-02	-2.08E-02	0.00E+00
5.64E+00	8.89E+00	6.91E-02	-1.95E-02	0.00E+00

5.66E+00	8.63E+00	3.85E-02	-4.88E-03	0.00E+00
5.68E+00	8.32E+00	7.95E-03	-1.22E-02	0.00E+00
5.70E+00	8.02E+00	7.95E-03	-1.46E-02	0.00E+00
5.72E+00	7.84E+00	6.91E-02	-1.71E-02	0.00E+00
5.74E+00	7.47E+00	7.95E-03	-4.15E-02	0.00E+00
5.76E+00	7.47E+00	9.97E-02	-1.71E-02	0.00E+00
5.78E+00	7.32E+00	2.68E-01	-1.34E-02	0.00E+00
5.80E+00	6.82E+00	1.76E-01	0.00E+00	0.00E+00
5.82E+00	6.77E+00	5.38E-02	-7.32E-03	0.00E+00
5.84E+00	6.84E+00	3.85E-02	-1.83E-02	0.00E+00
5.86E+00	6.75E+00	-1.14E-01	-1.46E-02	0.00E+00
5.88E+00	6.69E+00	1.15E-01	-1.22E-02	0.00E+00
5.90E+00	6.88E+00	3.85E-02	-1.46E-02	0.00E+00
5.92E+00	6.85E+00	-8.38E-02	-9.77E-03	0.00E+00
5.94E+00	6.91E+00	-2.26E-02	-1.34E-02	0.00E+00
5.96E+00	6.82E+00	-8.38E-02	-1.95E-02	0.00E+00
5.98E+00	6.99E+00	-1.14E-01	-4.27E-02	0.00E+00
6.00E+00	6.86E+00	8.44E-02	-1.95E-02	0.00E+00
6.02E+00	6.84E+00	-1.14E-01	-1.34E-02	0.00E+00
6.04E+00	6.85E+00	3.85E-02	-1.59E-02	0.00E+00
6.06E+00	6.85E+00	1.61E-01	-4.39E-02	0.00E+00
6.08E+00	6.90E+00	3.85E-02	-2.08E-02	0.00E+00
6.10E+00	6.88E+00	-2.52E-01	-1.71E-02	0.00E+00
6.12E+00	6.91E+00	3.85E-02	-2.20E-02	0.00E+00
6.14E+00	6.86E+00	-7.34E-03	-2.20E-02	0.00E+00
6.16E+00	6.84E+00	-9.91E-02	-2.93E-02	0.00E+00
6.18E+00	6.84E+00	2.53E-01	-2.93E-02	0.00E+00
6.20E+00	6.74E+00	-9.91E-02	-1.95E-02	0.00E+00
6.22E+00	6.68E+00	7.95E-03	-9.77E-03	0.00E+00
6.24E+00	6.77E+00	-1.14E-01	-1.46E-02	0.00E+00
6.26E+00	6.91E+00	6.91E-02	-2.20E-02	0.00E+00
6.28E+00	6.83E+00	-5.32E-02	-1.46E-02	0.00E+00
6.30E+00	6.86E+00	-5.32E-02	-2.93E-02	0.00E+00
6.32E+00	6.88E+00	3.85E-02	-2.93E-02	0.00E+00
6.34E+00	6.91E+00	6.91E-02	-1.95E-02	0.00E+00
6.36E+00	6.91E+00	9.97E-02	-8.54E-03	0.00E+00
6.38E+00	7.03E+00	-1.14E-01	-2.44E-03	0.00E+00
6.40E+00	7.39E+00	3.85E-02	-1.71E-02	0.00E+00
6.42E+00	7.44E+00	-1.14E-01	-1.46E-02	0.00E+00
6.44E+00	7.40E+00	6.91E-02	4.88E-03	0.00E+00
6.46E+00	6.95E+00	7.95E-03	-8.54E-03	0.00E+00
6.48E+00	7.02E+00	2.22E-01	-1.34E-02	0.00E+00
6.50E+00	7.10E+00	2.22E-01	-9.77E-03	0.00E+00
6.52E+00	7.39E+00	1.15E-01	-8.54E-03	0.00E+00
6.54E+00	7.45E+00	-5.32E-02	-1.22E-02	0.00E+00
6.56E+00	7.45E+00	1.46E-01	-2.20E-02	0.00E+00
6.58E+00	7.75E+00	6.91E-02	-1.46E-02	0.00E+00

6.60E+00	7.96E+00	3.14E-01	-2.08E-02	0.00E+00
6.62E+00	7.60E+00	-1.14E-01	-1.22E-02	0.00E+00
6.64E+00	7.48E+00	-2.26E-02	-7.32E-03	0.00E+00
6.66E+00	7.60E+00	6.91E-02	-1.22E-02	0.00E+00
6.68E+00	7.94E+00	-9.91E-02	-4.88E-03	0.00E+00
6.70E+00	8.03E+00	-1.45E-01	-2.44E-02	0.00E+00
6.72E+00	8.16E+00	-3.79E-02	-3.91E-02	0.00E+00
6.74E+00	8.19E+00	1.15E-01	-1.83E-02	0.00E+00
6.76E+00	8.18E+00	8.44E-02	-1.22E-02	0.00E+00
6.78E+00	8.11E+00	-5.32E-02	-4.88E-02	0.00E+00
6.80E+00	8.11E+00	9.97E-02	-1.71E-02	0.00E+00
6.82E+00	8.10E+00	3.85E-02	-3.66E-03	0.00E+00
6.84E+00	8.47E+00	1.30E-01	-9.77E-03	0.00E+00
6.86E+00	8.58E+00	-1.45E-01	-2.44E-02	0.00E+00
6.88E+00	8.70E+00	-8.38E-02	-2.08E-02	0.00E+00
6.90E+00	8.66E+00	-2.26E-02	-1.46E-02	0.00E+00
6.92E+00	8.69E+00	1.30E-01	-7.32E-03	0.00E+00
6.94E+00	8.61E+00	3.85E-02	-9.77E-03	0.00E+00
6.96E+00	8.65E+00	-8.38E-02	-2.20E-02	0.00E+00
6.98E+00	8.81E+00	9.97E-02	-1.22E-02	0.00E+00
7.00E+00	9.01E+00	9.97E-02	-1.34E-02	0.00E+00
7.02E+00	9.22E+00	1.30E-01	-8.54E-03	0.00E+00
7.04E+00	9.32E+00	1.46E-01	-7.32E-03	0.00E+00
7.06E+00	9.17E+00	-7.34E-03	-1.95E-02	0.00E+00
7.08E+00	9.19E+00	-7.34E-03	-1.71E-02	0.00E+00
7.10E+00	9.13E+00	-2.26E-02	-9.77E-03	0.00E+00
7.12E+00	9.28E+00	1.46E-01	-1.22E-02	0.00E+00
7.14E+00	9.77E+00	-8.38E-02	-2.69E-02	0.00E+00
7.16E+00	9.88E+00	1.30E-01	-1.95E-02	0.00E+00
7.18E+00	9.82E+00	-6.85E-02	-8.54E-03	0.00E+00
7.20E+00	9.73E+00	-8.38E-02	-1.95E-02	0.00E+00
7.22E+00	9.76E+00	-3.79E-02	-3.66E-02	0.00E+00
7.24E+00	9.72E+00	-2.06E-01	-1.10E-02	0.00E+00
7.26E+00	1.02E+01	7.95E-03	-1.46E-02	0.00E+00
7.28E+00	1.05E+01	1.15E-01	-1.83E-02	0.00E+00
7.30E+00	1.08E+01	6.91E-02	-1.95E-02	0.00E+00
7.32E+00	1.06E+01	5.38E-02	-2.69E-02	0.00E+00
7.34E+00	1.04E+01	6.91E-02	-1.71E-02	0.00E+00
7.36E+00	1.02E+01	-5.32E-02	-1.71E-02	0.00E+00
7.38E+00	1.06E+01	6.91E-02	-1.71E-02	0.00E+00
7.40E+00	1.09E+01	-2.26E-02	-2.20E-02	0.00E+00
7.42E+00	1.11E+01	-5.32E-02	-3.91E-02	0.00E+00
7.44E+00	1.12E+01	-3.79E-02	-1.46E-02	0.00E+00
7.46E+00	1.11E+01	8.44E-02	-1.95E-02	0.00E+00
7.48E+00	1.10E+01	2.32E-02	-1.95E-02	0.00E+00
7.50E+00	1.11E+01	7.95E-03	-1.95E-02	0.00E+00
7.52E+00	1.15E+01	3.85E-02	-2.81E-02	0.00E+00

7.54E+00	1.15E+01	2.53E-01	7.32E-03	0.00E+00
7.56E+00	1.15E+01	7.95E-03	-4.88E-03	0.00E+00
7.58E+00	1.15E+01	2.07E-01	-1.46E-02	0.00E+00
7.60E+00	1.16E+01	-8.38E-02	-3.66E-03	0.00E+00
7.62E+00	1.15E+01	6.91E-02	-7.32E-03	0.00E+00
7.64E+00	1.15E+01	7.95E-03	-6.10E-03	0.00E+00
7.66E+00	1.15E+01	-6.85E-02	-1.46E-02	0.00E+00
7.68E+00	1.20E+01	-2.26E-02	-1.46E-02	0.00E+00
7.70E+00	1.21E+01	3.85E-02	-1.22E-02	0.00E+00
7.72E+00	1.21E+01	1.91E-01	-1.22E-02	0.00E+00
7.74E+00	1.22E+01	6.91E-02	-1.71E-02	0.00E+00
7.76E+00	1.21E+01	-1.76E-01	-1.46E-02	0.00E+00
7.78E+00	1.22E+01	7.95E-03	-2.44E-02	0.00E+00
7.80E+00	1.21E+01	6.91E-02	-2.69E-02	0.00E+00
7.82E+00	1.22E+01	1.15E-01	-1.59E-02	0.00E+00
7.84E+00	1.27E+01	-2.26E-02	-1.59E-02	0.00E+00
7.86E+00	1.27E+01	8.44E-02	-1.95E-02	0.00E+00
7.88E+00	1.26E+01	1.30E-01	-4.88E-03	0.00E+00
7.90E+00	1.27E+01	-1.76E-01	-2.56E-02	0.00E+00
7.92E+00	1.27E+01	-5.32E-02	-4.88E-03	0.00E+00
7.94E+00	1.28E+01	7.95E-03	-3.66E-02	0.00E+00
7.96E+00	1.28E+01	1.76E-01	-3.91E-02	0.00E+00
7.98E+00	1.27E+01	5.38E-02	-1.22E-02	0.00E+00
8.00E+00	1.30E+01	3.85E-02	-1.71E-02	0.00E+00
8.02E+00	1.31E+01	1.61E-01	-1.22E-02	0.00E+00
8.04E+00	1.32E+01	9.97E-02	-1.22E-02	0.00E+00
8.06E+00	1.33E+01	1.91E-01	-7.32E-03	0.00E+00
8.08E+00	1.32E+01	-1.91E-01	-1.95E-02	0.00E+00
8.10E+00	1.33E+01	-7.34E-03	-2.08E-02	0.00E+00
8.12E+00	1.33E+01	9.97E-02	-2.69E-02	0.00E+00
8.14E+00	1.33E+01	-5.32E-02	-9.77E-03	0.00E+00
8.16E+00	1.31E+01	1.30E-01	-2.44E-02	0.00E+00
8.18E+00	1.35E+01	1.91E-01	-1.83E-02	0.00E+00
8.20E+00	1.37E+01	2.07E-01	-1.22E-02	0.00E+00
8.22E+00	1.39E+01	1.30E-01	-7.32E-03	0.00E+00
8.24E+00	1.39E+01	1.91E-01	-1.34E-02	0.00E+00
8.26E+00	1.38E+01	3.85E-02	-3.42E-02	0.00E+00
8.28E+00	1.39E+01	1.91E-01	-1.59E-02	0.00E+00
8.30E+00	1.39E+01	9.97E-02	-4.88E-03	0.00E+00
8.32E+00	1.38E+01	1.30E-01	-7.32E-03	0.00E+00
8.34E+00	1.38E+01	1.61E-01	-1.95E-02	0.00E+00
8.36E+00	1.38E+01	9.97E-02	-1.34E-02	0.00E+00
8.38E+00	1.43E+01	1.30E-01	-2.44E-02	0.00E+00
8.40E+00	1.44E+01	3.14E-01	-1.46E-02	0.00E+00
8.42E+00	1.44E+01	1.30E-01	-1.34E-02	0.00E+00
8.44E+00	1.44E+01	1.46E-01	-4.88E-03	0.00E+00
8.46E+00	1.44E+01	1.15E-01	-1.83E-02	0.00E+00

8.48E+00	1.44E+01	6.91E-02	-1.83E-02	0.00E+00
8.50E+00	1.43E+01	7.95E-03	-2.44E-03	0.00E+00
8.52E+00	1.44E+01	-5.32E-02	-1.71E-02	0.00E+00
8.54E+00	1.45E+01	9.97E-02	-1.46E-02	0.00E+00
8.56E+00	1.45E+01	7.95E-03	-1.46E-02	0.00E+00
8.58E+00	1.51E+01	7.95E-03	-6.10E-03	0.00E+00
8.60E+00	1.50E+01	9.97E-02	-9.77E-03	0.00E+00
8.62E+00	1.49E+01	-2.26E-02	4.88E-03	0.00E+00
8.64E+00	1.49E+01	1.61E-01	-1.22E-02	0.00E+00
8.66E+00	1.50E+01	2.68E-01	-3.66E-03	0.00E+00
8.68E+00	1.50E+01	3.85E-02	7.32E-03	0.00E+00
8.70E+00	1.49E+01	1.46E-01	-1.71E-02	0.00E+00
8.72E+00	1.50E+01	1.61E-01	-2.20E-02	0.00E+00
8.74E+00	1.50E+01	-8.38E-02	-9.77E-03	0.00E+00
8.76E+00	1.50E+01	-5.32E-02	-4.39E-02	0.00E+00
8.78E+00	1.54E+01	1.61E-01	-1.71E-02	0.00E+00
8.80E+00	1.55E+01	-5.32E-02	-1.22E-03	0.00E+00
8.82E+00	1.54E+01	-2.52E-01	-7.32E-03	0.00E+00
8.84E+00	1.55E+01	2.32E-02	-1.46E-02	0.00E+00
8.86E+00	1.55E+01	-2.26E-02	-1.59E-02	0.00E+00
8.88E+00	1.55E+01	3.14E-01	-1.95E-02	0.00E+00
8.90E+00	1.57E+01	6.91E-02	-2.20E-02	0.00E+00
8.92E+00	1.56E+01	9.97E-02	-1.71E-02	0.00E+00
8.94E+00	1.54E+01	1.61E-01	-1.83E-02	0.00E+00
8.96E+00	1.56E+01	6.91E-02	-2.08E-02	0.00E+00
8.98E+00	1.56E+01	2.32E-02	-2.08E-02	0.00E+00
9.00E+00	1.59E+01	-1.45E-01	0.00E+00	0.00E+00
9.02E+00	1.61E+01	-8.38E-02	-2.44E-02	0.00E+00
9.04E+00	1.62E+01	1.91E-01	-2.20E-02	0.00E+00
9.06E+00	1.62E+01	6.91E-02	-1.95E-02	0.00E+00
9.08E+00	1.62E+01	1.61E-01	-2.32E-02	0.00E+00
9.10E+00	1.62E+01	1.30E-01	-3.17E-02	0.00E+00
9.12E+00	1.62E+01	2.37E-01	9.77E-03	0.00E+00
9.14E+00	1.62E+01	8.44E-02	-2.20E-02	0.00E+00
9.16E+00	1.62E+01	1.91E-01	-1.71E-02	0.00E+00
9.18E+00	1.60E+01	1.30E-01	8.54E-03	0.00E+00
9.20E+00	1.62E+01	7.95E-03	-8.54E-03	0.00E+00
9.22E+00	1.62E+01	-5.32E-02	-1.71E-02	0.00E+00
9.24E+00	1.67E+01	2.53E-01	-1.95E-02	0.00E+00
9.26E+00	1.69E+01	5.38E-02	-1.46E-02	0.00E+00
9.28E+00	1.67E+01	1.46E-01	-1.22E-02	0.00E+00
9.30E+00	1.68E+01	9.97E-02	-1.71E-02	0.00E+00
9.32E+00	1.66E+01	-7.34E-03	6.10E-03	0.00E+00
9.34E+00	1.67E+01	1.30E-01	-1.22E-02	0.00E+00
9.36E+00	1.66E+01	-2.26E-02	8.54E-03	0.00E+00
9.38E+00	1.67E+01	-1.14E-01	-1.71E-02	0.00E+00
9.40E+00	1.67E+01	3.85E-02	-1.46E-02	0.00E+00

9.42E+00	1.68E+01	-8.38E-02	-4.15E-02	0.00E+00
9.44E+00	1.67E+01	-2.26E-02	-9.77E-03	0.00E+00
9.46E+00	1.68E+01	7.95E-03	-1.46E-02	0.00E+00
9.48E+00	1.70E+01	9.97E-02	-1.95E-02	0.00E+00
9.50E+00	1.73E+01	7.95E-03	2.44E-03	0.00E+00
9.52E+00	1.72E+01	-5.32E-02	-1.34E-02	0.00E+00
9.54E+00	1.73E+01	2.22E-01	-3.66E-02	0.00E+00
9.56E+00	1.74E+01	3.85E-02	-2.32E-02	0.00E+00
9.58E+00	1.73E+01	6.91E-02	-1.22E-02	0.00E+00
9.60E+00	1.74E+01	1.61E-01	-4.88E-03	0.00E+00
9.62E+00	1.73E+01	7.95E-03	-2.56E-02	0.00E+00
9.64E+00	1.73E+01	-1.14E-01	-1.95E-02	0.00E+00
9.66E+00	1.73E+01	2.32E-02	-1.71E-02	0.00E+00
9.68E+00	1.73E+01	1.30E-01	-1.95E-02	0.00E+00
9.70E+00	1.73E+01	3.85E-02	-1.46E-02	0.00E+00
9.72E+00	1.74E+01	9.97E-02	-2.93E-02	0.00E+00
9.74E+00	1.73E+01	2.53E-01	0.00E+00	0.00E+00
9.76E+00	1.76E+01	1.30E-01	-1.46E-02	0.00E+00
9.78E+00	1.78E+01	-2.26E-02	-3.42E-02	0.00E+00
9.80E+00	1.78E+01	1.30E-01	-1.22E-02	0.00E+00
9.82E+00	1.78E+01	7.95E-03	-9.77E-03	0.00E+00
9.84E+00	1.79E+01	7.95E-03	-1.46E-02	0.00E+00
9.86E+00	1.79E+01	-1.30E-01	-2.20E-02	0.00E+00
9.88E+00	1.78E+01	1.30E-01	-1.10E-02	0.00E+00
9.90E+00	1.78E+01	-9.91E-02	-8.54E-03	0.00E+00
9.92E+00	1.77E+01	-2.26E-02	6.10E-03	0.00E+00
9.94E+00	1.79E+01	1.76E-01	-1.71E-02	0.00E+00
9.96E+00	1.79E+01	6.91E-02	-2.08E-02	0.00E+00
9.98E+00	1.78E+01	-5.32E-02	-2.44E-03	0.00E+00
1.00E+01	1.78E+01	-2.26E-02	-1.22E-02	0.00E+00
1.00E+01	1.78E+01	-2.26E-02	-8.54E-03	0.00E+00
1.00E+01	1.79E+01	9.97E-02	-1.95E-02	0.00E+00
1.01E+01	1.79E+01	6.91E-02	-7.32E-03	0.00E+00
1.01E+01	1.78E+01	-5.32E-02	0.00E+00	0.00E+00
1.01E+01	1.85E+01	7.95E-03	-1.71E-02	0.00E+00
1.01E+01	1.85E+01	7.95E-03	-2.44E-02	0.00E+00
1.01E+01	1.84E+01	-2.26E-02	-1.46E-02	0.00E+00
1.02E+01	1.85E+01	-1.14E-01	-3.66E-02	0.00E+00
1.02E+01	1.84E+01	-7.34E-03	-1.71E-02	0.00E+00
1.02E+01	1.84E+01	-8.38E-02	4.88E-03	0.00E+00
1.02E+01	1.84E+01	5.38E-02	-9.77E-03	0.00E+00
1.02E+01	1.84E+01	6.91E-02	-9.77E-03	0.00E+00
1.03E+01	1.84E+01	2.32E-02	2.44E-03	0.00E+00
1.03E+01	1.84E+01	1.46E-01	0.00E+00	0.00E+00
1.03E+01	1.85E+01	3.85E-02	-1.71E-02	0.00E+00
1.03E+01	1.85E+01	7.95E-03	-1.95E-02	0.00E+00
1.03E+01	1.83E+01	5.38E-02	-2.44E-02	0.00E+00

1.04E+01	1.86E+01	-5.32E-02	-2.81E-02	0.00E+00
1.04E+01	1.85E+01	-1.14E-01	-1.59E-02	0.00E+00
1.04E+01	1.84E+01	-1.76E-01	-9.77E-03	0.00E+00
1.04E+01	1.86E+01	3.85E-02	-1.59E-02	0.00E+00
1.04E+01	1.84E+01	-1.30E-01	-7.32E-03	0.00E+00
1.05E+01	1.86E+01	-1.14E-01	-1.34E-02	0.00E+00
1.05E+01	1.92E+01	1.30E-01	-1.46E-02	0.00E+00
1.05E+01	1.90E+01	-1.14E-01	-1.22E-02	0.00E+00
1.05E+01	1.89E+01	7.95E-03	-1.95E-02	0.00E+00
1.05E+01	1.90E+01	-1.30E-01	-2.44E-02	0.00E+00
1.06E+01	1.90E+01	3.85E-02	-1.71E-02	0.00E+00
1.06E+01	1.91E+01	1.30E-01	-2.44E-02	0.00E+00
1.06E+01	1.90E+01	-1.45E-01	2.44E-03	0.00E+00
1.06E+01	1.91E+01	-3.79E-02	-2.20E-02	0.00E+00
1.06E+01	1.91E+01	1.30E-01	-2.44E-02	0.00E+00
1.07E+01	1.90E+01	3.85E-02	-2.20E-02	0.00E+00
1.07E+01	1.90E+01	9.97E-02	-1.71E-02	0.00E+00
1.07E+01	1.90E+01	6.91E-02	4.88E-03	0.00E+00
1.07E+01	1.89E+01	-3.59E-01	-2.08E-02	0.00E+00
1.07E+01	1.90E+01	7.95E-03	-1.46E-02	0.00E+00
1.08E+01	1.89E+01	-2.26E-02	-7.32E-03	0.00E+00
1.08E+01	1.90E+01	-8.38E-02	-9.77E-03	0.00E+00
1.08E+01	1.90E+01	-1.30E-01	-1.10E-02	0.00E+00
1.08E+01	1.90E+01	1.76E-01	-2.20E-02	0.00E+00
1.08E+01	1.93E+01	-1.14E-01	-1.95E-02	0.00E+00
1.09E+01	1.90E+01	1.15E-01	-1.22E-02	0.00E+00
1.09E+01	1.91E+01	-5.32E-02	-2.20E-02	0.00E+00
1.09E+01	1.90E+01	7.95E-03	-1.46E-02	0.00E+00
1.09E+01	1.94E+01	1.46E-01	-1.46E-02	0.00E+00
1.09E+01	1.96E+01	3.85E-02	2.44E-03	0.00E+00
1.10E+01	1.97E+01	9.97E-02	-2.69E-02	0.00E+00
1.10E+01	1.97E+01	3.85E-02	-2.20E-02	0.00E+00
1.10E+01	1.97E+01	6.91E-02	-3.66E-02	0.00E+00
1.10E+01	1.97E+01	2.98E-01	-4.88E-03	0.00E+00
1.10E+01	1.97E+01	6.91E-02	-2.08E-02	0.00E+00
1.11E+01	1.96E+01	2.32E-02	-2.20E-02	0.00E+00
1.11E+01	1.97E+01	8.44E-02	-4.88E-02	0.00E+00
1.11E+01	1.96E+01	7.95E-03	-2.32E-02	0.00E+00
1.11E+01	1.96E+01	-2.06E-01	-9.77E-03	0.00E+00
1.11E+01	1.97E+01	1.61E-01	-1.83E-02	0.00E+00
1.12E+01	1.97E+01	2.83E-01	-1.95E-02	0.00E+00
1.12E+01	1.97E+01	1.46E-01	-6.10E-03	0.00E+00
1.12E+01	1.97E+01	1.30E-01	-1.71E-02	0.00E+00
1.12E+01	1.97E+01	-6.85E-02	-3.17E-02	0.00E+00
1.12E+01	1.96E+01	5.38E-02	-9.77E-03	0.00E+00
1.13E+01	1.97E+01	2.22E-01	-1.46E-02	0.00E+00
1.13E+01	1.97E+01	2.07E-01	-1.95E-02	0.00E+00

1.13E+01	1.96E+01	9.97E-02	-1.71E-02	0.00E+00
1.13E+01	1.96E+01	1.61E-01	-2.20E-02	0.00E+00
1.13E+01	1.96E+01	-2.26E-02	-4.88E-03	0.00E+00
1.14E+01	1.96E+01	9.97E-02	-2.08E-02	0.00E+00
1.14E+01	1.97E+01	1.30E-01	-1.46E-02	0.00E+00
1.14E+01	1.97E+01	1.61E-01	-1.83E-02	0.00E+00
1.14E+01	1.97E+01	8.44E-02	-1.95E-02	0.00E+00
1.14E+01	2.02E+01	8.44E-02	1.10E-02	0.00E+00
1.15E+01	2.02E+01	3.85E-02	-1.71E-02	0.00E+00
1.15E+01	2.02E+01	-8.38E-02	-1.22E-02	0.00E+00
1.15E+01	2.01E+01	2.53E-01	-2.44E-02	0.00E+00
1.15E+01	2.02E+01	-3.59E-01	0.00E+00	0.00E+00
1.15E+01	2.02E+01	6.91E-02	-2.69E-02	0.00E+00
1.16E+01	2.03E+01	-2.37E-01	-1.46E-02	0.00E+00
1.16E+01	2.02E+01	1.30E-01	-1.22E-02	0.00E+00
1.16E+01	2.01E+01	3.85E-02	-9.77E-03	0.00E+00
1.16E+01	2.02E+01	9.97E-02	-1.59E-02	0.00E+00
1.16E+01	2.02E+01	1.30E-01	-6.10E-03	0.00E+00
1.17E+01	2.03E+01	3.14E-01	-1.46E-02	0.00E+00
1.17E+01	2.01E+01	-6.85E-02	-1.10E-02	0.00E+00
1.17E+01	2.02E+01	-8.38E-02	-2.20E-02	0.00E+00
1.17E+01	2.02E+01	1.76E-01	-1.22E-02	0.00E+00
1.17E+01	2.01E+01	1.15E-01	-1.46E-02	0.00E+00
1.18E+01	2.02E+01	-2.26E-02	-1.22E-02	0.00E+00
1.18E+01	2.01E+01	5.38E-02	-1.22E-02	0.00E+00
1.18E+01	2.02E+01	-2.26E-02	-1.59E-02	0.00E+00
1.18E+01	2.02E+01	7.95E-03	-1.22E-02	0.00E+00
1.18E+01	2.03E+01	-2.26E-02	-1.46E-02	0.00E+00
1.19E+01	2.01E+01	3.85E-02	-4.88E-03	0.00E+00
1.19E+01	2.01E+01	-5.32E-02	-2.44E-03	0.00E+00
1.19E+01	2.02E+01	-5.32E-02	-2.20E-02	0.00E+00
1.19E+01	2.02E+01	2.32E-02	1.10E-02	0.00E+00
1.19E+01	2.02E+01	1.61E-01	-1.95E-02	0.00E+00
1.20E+01	2.02E+01	3.14E-01	-1.22E-02	0.00E+00
1.20E+01	2.03E+01	5.38E-02	-1.46E-02	0.00E+00
1.20E+01	2.02E+01	1.30E-01	-9.77E-03	0.00E+00
1.20E+01	2.03E+01	-5.32E-02	-4.64E-02	0.00E+00
1.20E+01	2.07E+01	3.85E-02	-1.34E-02	0.00E+00
1.21E+01	2.08E+01	1.30E-01	-7.32E-03	0.00E+00
1.21E+01	2.08E+01	1.91E-01	-2.44E-02	0.00E+00
1.21E+01	2.08E+01	1.61E-01	-1.34E-02	0.00E+00
1.21E+01	2.07E+01	7.95E-03	-2.44E-03	0.00E+00
1.21E+01	2.08E+01	3.75E-01	-1.71E-02	0.00E+00
1.22E+01	2.09E+01	-1.14E-01	-1.83E-02	0.00E+00
1.22E+01	2.08E+01	-1.30E-01	-1.95E-02	0.00E+00
1.22E+01	2.10E+01	-5.32E-02	-1.71E-02	0.00E+00
1.22E+01	2.08E+01	-1.14E-01	-2.93E-02	0.00E+00

1.22E+01	2.09E+01	-2.26E-02	-1.95E-02	0.00E+00
1.23E+01	2.07E+01	1.76E-01	-3.17E-02	0.00E+00
1.23E+01	2.08E+01	1.91E-01	-1.83E-02	0.00E+00
1.23E+01	2.07E+01	3.85E-02	-4.88E-03	0.00E+00
1.23E+01	2.09E+01	-3.79E-02	-2.20E-02	0.00E+00
1.23E+01	2.08E+01	6.91E-02	-1.46E-02	0.00E+00
1.24E+01	2.08E+01	9.97E-02	-2.69E-02	0.00E+00
1.24E+01	2.08E+01	-9.91E-02	-1.71E-02	0.00E+00
1.24E+01	2.09E+01	-5.32E-02	-2.81E-02	0.00E+00
1.24E+01	2.09E+01	1.30E-01	-1.71E-02	0.00E+00
1.24E+01	2.08E+01	7.95E-03	-1.46E-02	0.00E+00
1.25E+01	2.08E+01	3.85E-02	-2.93E-02	0.00E+00
1.25E+01	2.09E+01	-1.76E-01	-4.15E-02	0.00E+00
1.25E+01	2.08E+01	6.91E-02	-2.44E-02	0.00E+00
1.25E+01	2.08E+01	-2.26E-02	-1.71E-02	0.00E+00
1.25E+01	2.08E+01	9.97E-02	-4.88E-03	0.00E+00
1.26E+01	2.08E+01	6.91E-02	-9.77E-03	0.00E+00
1.26E+01	2.08E+01	1.91E-01	1.22E-03	0.00E+00
1.26E+01	2.08E+01	-1.60E-01	-3.66E-03	0.00E+00
1.26E+01	2.09E+01	6.91E-02	-1.46E-02	0.00E+00
1.26E+01	2.11E+01	1.30E-01	-1.22E-02	0.00E+00
1.27E+01	2.14E+01	3.14E-01	-1.95E-02	0.00E+00
1.27E+01	2.13E+01	1.15E-01	-1.22E-02	0.00E+00
1.27E+01	2.12E+01	-2.06E-01	-1.46E-02	0.00E+00
1.27E+01	2.13E+01	7.95E-03	-1.46E-02	0.00E+00
1.27E+01	2.13E+01	2.32E-02	-7.32E-03	0.00E+00
1.28E+01	2.13E+01	1.76E-01	-1.59E-02	0.00E+00
1.28E+01	2.12E+01	-3.79E-02	-9.77E-03	0.00E+00
1.28E+01	2.14E+01	-1.14E-01	-1.10E-02	0.00E+00
1.28E+01	2.15E+01	-2.26E-02	-1.22E-02	0.00E+00
1.28E+01	2.13E+01	-7.34E-03	-2.20E-02	0.00E+00
1.29E+01	2.14E+01	-5.32E-02	-1.71E-02	0.00E+00
1.29E+01	2.12E+01	-5.32E-02	-2.69E-02	0.00E+00
1.29E+01	2.14E+01	-1.14E-01	-1.59E-02	0.00E+00
1.29E+01	2.13E+01	-5.32E-02	-2.32E-02	0.00E+00
1.29E+01	2.15E+01	7.95E-03	-3.05E-02	0.00E+00
1.30E+01	2.14E+01	6.91E-02	-1.34E-02	0.00E+00
1.30E+01	2.14E+01	8.44E-02	-2.08E-02	0.00E+00
1.30E+01	2.14E+01	1.61E-01	-2.44E-03	0.00E+00
1.30E+01	2.15E+01	7.95E-03	-2.69E-02	0.00E+00
1.30E+01	2.15E+01	-7.34E-03	-1.95E-02	0.00E+00
1.31E+01	2.14E+01	5.38E-02	-3.05E-02	0.00E+00
1.31E+01	2.14E+01	1.30E-01	-1.22E-02	0.00E+00
1.31E+01	2.14E+01	1.30E-01	-3.91E-02	0.00E+00
1.31E+01	2.14E+01	1.15E-01	-4.88E-03	0.00E+00
1.31E+01	2.14E+01	2.37E-01	-1.46E-02	0.00E+00
1.32E+01	2.14E+01	6.91E-02	-2.93E-02	0.00E+00

1.32E+01	2.13E+01	-8.38E-02	-1.95E-02	0.00E+00
1.32E+01	2.14E+01	1.46E-01	-4.88E-03	0.00E+00
1.32E+01	2.12E+01	7.95E-03	-9.77E-03	0.00E+00
1.32E+01	2.14E+01	-2.26E-02	-1.22E-02	0.00E+00
1.33E+01	2.15E+01	6.91E-02	-2.32E-02	0.00E+00
1.33E+01	2.18E+01	-1.45E-01	-3.66E-03	0.00E+00
1.33E+01	2.19E+01	-2.26E-02	-1.83E-02	0.00E+00
1.33E+01	2.19E+01	7.95E-03	-1.95E-02	0.00E+00
1.33E+01	2.18E+01	6.91E-02	-1.22E-02	0.00E+00
1.34E+01	2.19E+01	-6.85E-02	-1.46E-02	0.00E+00
1.34E+01	2.19E+01	-5.32E-02	-2.20E-02	0.00E+00
1.34E+01	2.18E+01	2.68E-01	-9.77E-03	0.00E+00
1.34E+01	2.19E+01	-5.32E-02	-2.08E-02	0.00E+00
1.34E+01	2.21E+01	-2.26E-02	-2.44E-03	0.00E+00
1.35E+01	2.20E+01	2.32E-02	-1.83E-02	0.00E+00
1.35E+01	2.20E+01	7.95E-03	-2.20E-02	0.00E+00
1.35E+01	2.19E+01	1.30E-01	-1.10E-02	0.00E+00
1.35E+01	2.20E+01	-8.38E-02	-1.71E-02	0.00E+00
1.35E+01	2.20E+01	3.85E-02	-2.69E-02	0.00E+00
1.36E+01	2.20E+01	5.38E-02	-2.32E-02	0.00E+00
1.36E+01	2.20E+01	2.53E-01	-1.46E-02	0.00E+00
1.36E+01	2.19E+01	6.91E-02	-2.20E-02	0.00E+00
1.36E+01	2.20E+01	1.30E-01	-1.22E-02	0.00E+00
1.36E+01	2.20E+01	9.97E-02	-3.42E-02	0.00E+00
1.37E+01	2.20E+01	2.83E-01	-2.44E-02	0.00E+00
1.37E+01	2.20E+01	-5.32E-02	-1.95E-02	0.00E+00
1.37E+01	2.20E+01	-2.26E-02	-2.69E-02	0.00E+00
1.37E+01	2.20E+01	6.91E-02	-2.20E-02	0.00E+00
1.37E+01	2.19E+01	9.97E-02	-1.71E-02	0.00E+00
1.38E+01	2.20E+01	1.30E-01	-1.59E-02	0.00E+00
1.38E+01	2.19E+01	-2.26E-02	3.66E-03	0.00E+00
1.38E+01	2.20E+01	-2.21E-01	-2.44E-02	0.00E+00
1.38E+01	2.20E+01	1.30E-01	-4.88E-03	0.00E+00
1.38E+01	2.18E+01	2.68E-01	-8.54E-03	0.00E+00
1.39E+01	2.20E+01	-2.26E-02	-1.71E-02	0.00E+00
1.39E+01	2.21E+01	5.38E-02	-2.93E-02	0.00E+00
1.39E+01	2.20E+01	3.85E-02	-1.34E-02	0.00E+00
1.39E+01	2.23E+01	5.38E-02	-6.10E-03	0.00E+00
1.39E+01	2.25E+01	2.98E-01	-1.22E-02	0.00E+00
1.40E+01	2.24E+01	7.95E-03	-1.83E-02	0.00E+00
1.40E+01	2.25E+01	6.91E-02	-1.34E-02	0.00E+00
1.40E+01	2.24E+01	-2.26E-02	-2.44E-03	0.00E+00
1.40E+01	2.25E+01	-6.85E-02	-1.22E-02	0.00E+00
1.40E+01	2.26E+01	2.68E-01	-1.71E-02	0.00E+00
1.41E+01	2.25E+01	-5.32E-02	-1.22E-02	0.00E+00
1.41E+01	2.25E+01	6.91E-02	-1.59E-02	0.00E+00
1.41E+01	2.25E+01	6.91E-02	-1.95E-02	0.00E+00

1.41E+01	2.27E+01	6.91E-02	-9.77E-03	0.00E+00
1.41E+01	2.25E+01	2.07E-01	-9.77E-03	0.00E+00
1.42E+01	2.23E+01	1.30E-01	-9.77E-03	0.00E+00
1.42E+01	2.25E+01	-2.26E-02	-7.32E-03	0.00E+00
1.42E+01	2.25E+01	6.91E-02	-1.95E-02	0.00E+00
1.42E+01	2.24E+01	-7.34E-03	-4.88E-03	0.00E+00
1.42E+01	2.25E+01	9.97E-02	-1.46E-02	0.00E+00
1.43E+01	2.26E+01	5.38E-02	-1.59E-02	0.00E+00
1.43E+01	2.25E+01	7.95E-03	-2.69E-02	0.00E+00
1.43E+01	2.25E+01	1.30E-01	-1.22E-02	0.00E+00
1.43E+01	2.25E+01	-8.38E-02	-2.32E-02	0.00E+00
1.43E+01	2.25E+01	-6.85E-02	-3.54E-02	0.00E+00
1.44E+01	2.25E+01	-8.38E-02	-9.77E-03	0.00E+00
1.44E+01	2.26E+01	-2.37E-01	-2.44E-02	0.00E+00
1.44E+01	2.25E+01	-8.38E-02	-2.56E-02	0.00E+00
1.44E+01	2.25E+01	-5.32E-02	-9.77E-03	0.00E+00
1.44E+01	2.25E+01	-2.26E-02	-1.22E-03	0.00E+00
1.45E+01	2.27E+01	2.68E-01	-2.44E-02	0.00E+00
1.45E+01	2.26E+01	1.46E-01	-1.46E-02	0.00E+00
1.45E+01	2.27E+01	-2.26E-02	-3.17E-02	0.00E+00
1.45E+01	2.29E+01	2.53E-01	-2.69E-02	0.00E+00
1.45E+01	2.32E+01	6.91E-02	-2.93E-02	0.00E+00
1.46E+01	2.32E+01	2.22E-01	-2.20E-02	0.00E+00
1.46E+01	2.33E+01	3.85E-02	-1.71E-02	0.00E+00
1.46E+01	2.31E+01	7.95E-03	-2.08E-02	0.00E+00
1.46E+01	2.31E+01	9.97E-02	-1.46E-02	0.00E+00
1.46E+01	2.33E+01	3.85E-02	-1.71E-02	0.00E+00
1.47E+01	2.31E+01	7.95E-03	-2.08E-02	0.00E+00
1.47E+01	2.33E+01	1.30E-01	-3.42E-02	0.00E+00
1.47E+01	2.32E+01	7.95E-03	-1.71E-02	0.00E+00
1.47E+01	2.32E+01	6.91E-02	-2.32E-02	0.00E+00
1.47E+01	2.33E+01	6.91E-02	-4.39E-02	0.00E+00
1.48E+01	2.32E+01	-1.45E-01	-1.46E-02	0.00E+00
1.48E+01	2.31E+01	6.91E-02	-2.69E-02	0.00E+00
1.48E+01	2.31E+01	8.44E-02	-1.83E-02	0.00E+00
1.48E+01	2.31E+01	1.30E-01	-1.59E-02	0.00E+00
1.48E+01	2.32E+01	-9.91E-02	-1.22E-02	0.00E+00
1.49E+01	2.31E+01	-2.26E-02	-7.32E-03	0.00E+00
1.49E+01	2.32E+01	3.85E-02	-3.42E-02	0.00E+00
1.49E+01	2.32E+01	3.14E-01	-1.95E-02	0.00E+00
1.49E+01	2.31E+01	7.95E-03	-1.22E-02	0.00E+00
1.49E+01	2.32E+01	-3.79E-02	-1.95E-02	0.00E+00
1.50E+01	2.32E+01	8.44E-02	-2.44E-03	0.00E+00
1.50E+01	2.32E+01	3.85E-02	-1.46E-02	0.00E+00
1.50E+01	2.31E+01	5.38E-02	-1.22E-02	0.00E+00
1.50E+01	2.30E+01	7.95E-03	-4.88E-03	0.00E+00
1.50E+01	2.31E+01	2.37E-01	-1.46E-02	0.00E+00

1.51E+01	2.31E+01	1.30E-01	-2.44E-03	0.00E+00
1.51E+01	2.32E+01	2.22E-01	-9.77E-03	0.00E+00
1.51E+01	2.37E+01	3.85E-02	-1.22E-02	0.00E+00
1.51E+01	2.37E+01	6.91E-02	-7.32E-03	0.00E+00
1.51E+01	2.36E+01	-5.32E-02	-1.22E-02	0.00E+00
1.52E+01	2.37E+01	8.44E-02	-1.95E-02	0.00E+00
1.52E+01	2.37E+01	-5.32E-02	-1.59E-02	0.00E+00
1.52E+01	2.36E+01	6.91E-02	4.88E-03	0.00E+00
1.52E+01	2.37E+01	3.85E-02	-1.22E-02	0.00E+00
1.52E+01	2.37E+01	-5.32E-02	-1.34E-02	0.00E+00
1.53E+01	2.37E+01	-1.14E-01	-1.46E-02	0.00E+00
1.53E+01	2.37E+01	3.14E-01	-1.46E-02	0.00E+00
1.53E+01	2.37E+01	-2.26E-02	-9.77E-03	0.00E+00
1.53E+01	2.37E+01	1.61E-01	-2.08E-02	0.00E+00
1.53E+01	2.37E+01	1.30E-01	-2.69E-02	0.00E+00
1.54E+01	2.37E+01	-7.34E-03	-1.46E-02	0.00E+00
1.54E+01	2.37E+01	3.85E-02	-2.81E-02	0.00E+00
1.54E+01	2.36E+01	-9.91E-02	-1.22E-02	0.00E+00
1.54E+01	2.38E+01	1.15E-01	-2.93E-02	0.00E+00
1.54E+01	2.38E+01	9.97E-02	-3.66E-02	0.00E+00
1.55E+01	2.38E+01	3.14E-01	-2.20E-02	0.00E+00
1.55E+01	2.37E+01	-1.14E-01	-3.17E-02	0.00E+00
1.55E+01	2.39E+01	2.22E-01	-2.44E-02	0.00E+00
1.55E+01	2.38E+01	6.91E-02	-2.56E-02	0.00E+00
1.55E+01	2.37E+01	8.44E-02	-9.77E-03	0.00E+00
1.56E+01	2.37E+01	-1.91E-01	-1.95E-02	0.00E+00
1.56E+01	2.37E+01	-2.26E-02	-1.71E-02	0.00E+00
1.56E+01	2.38E+01	-3.79E-02	-2.56E-02	0.00E+00
1.56E+01	2.39E+01	6.91E-02	-2.20E-02	0.00E+00
1.56E+01	2.38E+01	-7.34E-03	-2.93E-02	0.00E+00
1.57E+01	2.38E+01	6.91E-02	-2.08E-02	0.00E+00
1.57E+01	2.41E+01	-1.14E-01	-1.71E-02	0.00E+00
1.57E+01	2.43E+01	1.46E-01	-2.20E-02	0.00E+00
1.57E+01	2.44E+01	7.95E-03	-3.66E-02	0.00E+00
1.57E+01	2.43E+01	1.91E-01	-1.95E-02	0.00E+00
1.58E+01	2.43E+01	1.61E-01	-2.44E-02	0.00E+00
1.58E+01	2.44E+01	1.15E-01	-1.71E-02	0.00E+00
1.58E+01	2.43E+01	2.53E-01	-1.71E-02	0.00E+00
1.58E+01	2.44E+01	-2.26E-02	-3.17E-02	0.00E+00
1.58E+01	2.43E+01	9.97E-02	-7.32E-03	0.00E+00
1.59E+01	2.43E+01	7.95E-03	-1.95E-02	0.00E+00
1.59E+01	2.43E+01	9.97E-02	-2.44E-03	0.00E+00
1.59E+01	2.43E+01	1.61E-01	8.54E-03	0.00E+00
1.59E+01	2.44E+01	2.32E-02	-2.69E-02	0.00E+00
1.59E+01	2.43E+01	-5.32E-02	-1.83E-02	0.00E+00
1.60E+01	2.43E+01	1.91E-01	-1.83E-02	0.00E+00
1.60E+01	2.43E+01	1.91E-01	-7.32E-03	0.00E+00

1.60E+01	2.42E+01	3.85E-02	-2.44E-02	0.00E+00
1.60E+01	2.44E+01	-2.37E-01	-1.46E-02	0.00E+00
1.60E+01	2.43E+01	1.61E-01	-1.34E-02	0.00E+00
1.61E+01	2.42E+01	6.91E-02	-6.10E-03	0.00E+00
1.61E+01	2.43E+01	3.14E-01	-8.54E-03	0.00E+00
1.61E+01	2.43E+01	3.85E-02	-4.88E-03	0.00E+00
1.61E+01	2.43E+01	7.95E-03	-9.77E-03	0.00E+00
1.61E+01	2.44E+01	9.97E-02	-1.10E-02	0.00E+00
1.62E+01	2.42E+01	6.91E-02	-6.10E-03	0.00E+00
1.62E+01	2.43E+01	-5.32E-02	-1.71E-02	0.00E+00
1.62E+01	2.41E+01	1.30E-01	-4.88E-03	0.00E+00
1.62E+01	2.43E+01	-5.32E-02	-8.54E-03	0.00E+00
1.62E+01	2.49E+01	5.38E-02	-1.46E-02	0.00E+00
1.63E+01	2.48E+01	8.44E-02	-9.77E-03	0.00E+00
1.63E+01	2.48E+01	1.61E-01	-7.32E-03	0.00E+00
1.63E+01	2.47E+01	6.91E-02	-2.44E-02	0.00E+00
1.63E+01	2.49E+01	-5.32E-02	-1.95E-02	0.00E+00
1.63E+01	2.48E+01	9.97E-02	-1.83E-02	0.00E+00
1.64E+01	2.48E+01	5.38E-02	-1.22E-02	0.00E+00
1.64E+01	2.48E+01	2.32E-02	-1.95E-02	0.00E+00
1.64E+01	2.49E+01	-8.38E-02	-2.44E-03	0.00E+00
1.64E+01	2.49E+01	6.91E-02	-2.20E-02	0.00E+00
1.64E+01	2.48E+01	-2.26E-02	0.00E+00	0.00E+00
1.65E+01	2.48E+01	-2.26E-02	-1.71E-02	0.00E+00
1.65E+01	2.49E+01	-3.79E-02	-2.44E-02	0.00E+00
1.65E+01	2.49E+01	3.85E-02	-2.69E-02	0.00E+00
1.65E+01	2.49E+01	3.75E-01	7.32E-03	0.00E+00
1.65E+01	2.48E+01	9.97E-02	-2.81E-02	0.00E+00
1.66E+01	2.48E+01	2.68E-01	-2.44E-02	0.00E+00
1.66E+01	2.49E+01	-6.85E-02	-4.39E-02	0.00E+00
1.66E+01	2.48E+01	1.30E-01	-1.10E-02	0.00E+00
1.66E+01	2.49E+01	2.32E-02	-9.77E-03	0.00E+00
1.66E+01	2.49E+01	8.44E-02	-2.20E-02	0.00E+00
1.67E+01	2.49E+01	-5.32E-02	-2.44E-02	0.00E+00
1.67E+01	2.50E+01	2.22E-01	-4.39E-02	0.00E+00
1.67E+01	2.50E+01	3.75E-01	-1.95E-02	0.00E+00
1.67E+01	2.49E+01	1.46E-01	-7.32E-03	0.00E+00
1.67E+01	2.49E+01	4.21E-01	-1.10E-02	0.00E+00
1.68E+01	2.55E+01	1.91E-01	-2.44E-02	0.00E+00
1.68E+01	2.54E+01	1.15E-01	-1.22E-02	0.00E+00
1.68E+01	2.54E+01	-2.06E-01	-1.22E-02	0.00E+00
1.68E+01	2.55E+01	7.95E-03	-3.17E-02	0.00E+00
1.68E+01	2.57E+01	5.43E-01	-3.05E-02	0.00E+00
1.69E+01	2.55E+01	9.97E-02	-1.46E-02	0.00E+00
1.69E+01	2.54E+01	6.91E-02	-2.56E-02	0.00E+00
1.69E+01	2.55E+01	2.53E-01	-1.83E-02	0.00E+00
1.69E+01	2.55E+01	-5.32E-02	-1.71E-02	0.00E+00

1.69E+01	2.55E+01	3.44E-01	-1.22E-02	0.00E+00
1.70E+01	2.56E+01	-2.26E-02	-9.77E-03	0.00E+00
1.70E+01	2.55E+01	9.97E-02	-2.20E-02	0.00E+00
1.70E+01	2.55E+01	2.53E-01	-1.95E-02	0.00E+00
1.70E+01	2.54E+01	1.15E-01	-2.81E-02	0.00E+00
1.70E+01	2.54E+01	2.32E-02	-1.22E-02	0.00E+00
1.71E+01	2.52E+01	1.30E-01	-1.46E-02	0.00E+00
1.71E+01	2.54E+01	5.38E-02	-1.22E-02	0.00E+00
1.71E+01	2.54E+01	2.53E-01	-1.95E-02	0.00E+00
1.71E+01	2.56E+01	1.30E-01	-8.54E-03	0.00E+00
1.71E+01	2.54E+01	-1.14E-01	-1.22E-02	0.00E+00
1.72E+01	2.54E+01	1.61E-01	-1.46E-02	0.00E+00
1.72E+01	2.55E+01	9.97E-02	-2.44E-02	0.00E+00
1.72E+01	2.55E+01	2.53E-01	-2.32E-02	0.00E+00
1.72E+01	2.56E+01	1.61E-01	-4.88E-03	0.00E+00
1.72E+01	2.60E+01	7.95E-03	-1.22E-02	0.00E+00
1.73E+01	2.61E+01	-5.32E-02	-4.15E-02	0.00E+00
1.73E+01	2.61E+01	5.38E-02	-2.69E-02	0.00E+00
1.73E+01	2.61E+01	2.53E-01	-1.46E-02	0.00E+00
1.73E+01	2.59E+01	7.95E-03	-7.32E-03	0.00E+00
1.73E+01	2.60E+01	9.97E-02	-1.71E-02	0.00E+00
1.74E+01	2.61E+01	1.61E-01	-3.05E-02	0.00E+00
1.74E+01	2.61E+01	3.14E-01	-2.81E-02	0.00E+00
1.74E+01	2.61E+01	1.91E-01	-4.88E-03	0.00E+00
1.74E+01	2.61E+01	9.97E-02	-2.08E-02	0.00E+00
1.74E+01	2.60E+01	1.61E-01	-1.71E-02	0.00E+00
1.75E+01	2.61E+01	3.85E-02	-1.95E-02	0.00E+00
1.75E+01	2.61E+01	2.53E-01	-2.08E-02	0.00E+00
1.75E+01	2.59E+01	3.85E-02	-1.95E-02	0.00E+00
1.75E+01	2.61E+01	2.53E-01	-9.77E-03	0.00E+00
1.75E+01	2.61E+01	8.44E-02	-2.93E-02	0.00E+00
1.76E+01	2.61E+01	-1.45E-01	-1.59E-02	0.00E+00
1.76E+01	2.60E+01	6.91E-02	-9.77E-03	0.00E+00
1.76E+01	2.60E+01	3.85E-02	-1.46E-02	0.00E+00
1.76E+01	2.62E+01	6.91E-02	-1.10E-02	0.00E+00
1.76E+01	2.66E+01	1.91E-01	-9.77E-03	0.00E+00
1.77E+01	2.66E+01	-5.32E-02	-1.22E-02	0.00E+00
1.77E+01	2.67E+01	-7.34E-03	-1.71E-02	0.00E+00
1.77E+01	2.66E+01	1.15E-01	-1.22E-02	0.00E+00
1.77E+01	2.66E+01	2.37E-01	-1.71E-02	0.00E+00
1.77E+01	2.67E+01	2.22E-01	-2.20E-02	0.00E+00
1.78E+01	2.66E+01	-2.26E-02	-7.32E-03	0.00E+00
1.78E+01	2.67E+01	5.38E-02	4.88E-03	0.00E+00
1.78E+01	2.66E+01	-2.26E-02	-2.44E-02	0.00E+00
1.78E+01	2.66E+01	-3.79E-02	-1.46E-02	0.00E+00
1.78E+01	2.66E+01	-2.26E-02	-1.95E-02	0.00E+00
1.79E+01	2.65E+01	-2.26E-02	-1.46E-02	0.00E+00

1.79E+01	2.66E+01	6.91E-02	-7.32E-03	0.00E+00
1.79E+01	2.66E+01	5.38E-02	-1.95E-02	0.00E+00
1.79E+01	2.66E+01	3.85E-02	-1.10E-02	0.00E+00
1.79E+01	2.65E+01	5.38E-02	1.34E-02	0.00E+00
1.80E+01	2.66E+01	-1.91E-01	-1.22E-02	0.00E+00
1.80E+01	2.67E+01	3.85E-02	-2.44E-03	0.00E+00
1.80E+01	2.69E+01	3.85E-02	-2.44E-02	0.00E+00
1.80E+01	2.72E+01	1.91E-01	-3.42E-02	0.00E+00
1.80E+01	2.72E+01	2.32E-02	-1.95E-02	0.00E+00
1.81E+01	2.72E+01	1.61E-01	-2.44E-02	0.00E+00
1.81E+01	2.72E+01	5.38E-02	-2.20E-02	0.00E+00
1.81E+01	2.72E+01	1.76E-01	-8.54E-03	0.00E+00
1.81E+01	2.71E+01	3.85E-02	-9.77E-03	0.00E+00
1.81E+01	2.72E+01	3.85E-02	-1.71E-02	0.00E+00
1.82E+01	2.72E+01	-2.67E-01	-2.20E-02	0.00E+00
1.82E+01	2.72E+01	9.97E-02	-1.95E-02	0.00E+00
1.82E+01	2.72E+01	-1.45E-01	-1.22E-02	0.00E+00
1.82E+01	2.72E+01	8.44E-02	-1.22E-02	0.00E+00
1.82E+01	2.72E+01	6.91E-02	-1.71E-02	0.00E+00
1.83E+01	2.72E+01	1.76E-01	-1.10E-02	0.00E+00
1.83E+01	2.72E+01	7.95E-03	-9.77E-03	0.00E+00
1.83E+01	2.72E+01	-1.14E-01	-1.46E-02	0.00E+00
1.83E+01	2.72E+01	1.46E-01	-2.44E-03	0.00E+00
1.83E+01	2.72E+01	8.44E-02	-8.54E-03	0.00E+00
1.84E+01	2.72E+01	6.91E-02	-2.44E-02	0.00E+00
1.84E+01	2.72E+01	-2.26E-02	-9.77E-03	0.00E+00
1.84E+01	2.74E+01	-8.38E-02	-1.71E-02	0.00E+00
1.84E+01	2.78E+01	6.91E-02	-3.54E-02	0.00E+00
1.84E+01	2.77E+01	2.53E-01	-1.46E-02	0.00E+00
1.85E+01	2.77E+01	-2.26E-02	-4.88E-03	0.00E+00
1.85E+01	2.77E+01	-5.32E-02	-9.77E-03	0.00E+00
1.85E+01	2.78E+01	-2.26E-02	-1.71E-02	0.00E+00
1.85E+01	2.79E+01	-5.32E-02	-1.59E-02	0.00E+00
1.85E+01	2.77E+01	-2.98E-01	-1.22E-02	0.00E+00
1.86E+01	2.78E+01	-1.14E-01	-9.77E-03	0.00E+00
1.86E+01	2.78E+01	1.91E-01	-2.20E-02	0.00E+00
1.86E+01	2.78E+01	3.85E-02	-1.95E-02	0.00E+00
1.86E+01	2.78E+01	7.95E-03	-2.32E-02	0.00E+00
1.86E+01	2.78E+01	-8.38E-02	-3.05E-02	0.00E+00
1.87E+01	2.78E+01	9.97E-02	-1.22E-02	0.00E+00
1.87E+01	2.78E+01	4.97E-01	-1.46E-02	0.00E+00
1.87E+01	2.78E+01	3.85E-02	-1.71E-02	0.00E+00
1.87E+01	2.78E+01	9.97E-02	-2.69E-02	0.00E+00
1.87E+01	2.78E+01	2.37E-01	-7.32E-03	0.00E+00
1.88E+01	2.78E+01	-5.32E-02	-7.32E-03	0.00E+00
1.88E+01	2.77E+01	5.38E-02	-1.71E-02	0.00E+00
1.88E+01	2.77E+01	1.91E-01	-1.95E-02	0.00E+00

1.88E+01	2.83E+01	2.53E-01	-6.10E-03	0.00E+00
1.88E+01	2.83E+01	3.85E-02	-6.10E-03	0.00E+00
1.89E+01	2.82E+01	1.61E-01	-2.93E-02	0.00E+00
1.89E+01	2.83E+01	3.85E-02	-1.71E-02	0.00E+00
1.89E+01	2.83E+01	1.30E-01	-1.71E-02	0.00E+00
1.89E+01	2.83E+01	1.30E-01	-9.77E-03	0.00E+00
1.89E+01	2.83E+01	2.83E-01	-9.77E-03	0.00E+00
1.90E+01	2.82E+01	1.30E-01	-1.46E-02	0.00E+00
1.90E+01	2.84E+01	1.61E-01	-1.95E-02	0.00E+00
1.90E+01	2.84E+01	1.30E-01	-2.20E-02	0.00E+00
1.90E+01	2.84E+01	6.91E-02	-2.44E-03	0.00E+00
1.90E+01	2.84E+01	5.38E-02	-1.59E-02	0.00E+00
1.91E+01	2.83E+01	1.61E-01	-9.77E-03	0.00E+00
1.91E+01	2.83E+01	1.15E-01	-9.77E-03	0.00E+00
1.91E+01	2.83E+01	-7.34E-03	-1.22E-02	0.00E+00
1.91E+01	2.84E+01	6.91E-02	-2.20E-02	0.00E+00
1.91E+01	2.84E+01	1.30E-01	-8.54E-03	0.00E+00
1.92E+01	2.83E+01	-2.26E-02	3.66E-03	0.00E+00
1.92E+01	2.83E+01	1.30E-01	-7.32E-03	0.00E+00
1.92E+01	2.84E+01	-8.38E-02	-9.77E-03	0.00E+00
1.92E+01	2.85E+01	3.85E-02	-1.46E-02	0.00E+00
1.92E+01	2.89E+01	-5.32E-02	-9.77E-03	0.00E+00
1.93E+01	2.88E+01	-5.32E-02	-4.15E-02	0.00E+00
1.93E+01	2.89E+01	6.91E-02	-1.59E-02	0.00E+00
1.93E+01	2.88E+01	2.32E-02	-2.44E-03	0.00E+00
1.93E+01	2.89E+01	7.95E-03	-2.20E-02	0.00E+00
1.93E+01	2.89E+01	-9.91E-02	-1.34E-02	0.00E+00
1.94E+01	2.89E+01	-1.45E-01	-3.42E-02	0.00E+00
1.94E+01	2.89E+01	2.22E-01	-2.20E-02	0.00E+00
1.94E+01	2.88E+01	3.85E-02	2.44E-03	0.00E+00
1.94E+01	2.90E+01	9.97E-02	-2.69E-02	0.00E+00
1.94E+01	2.90E+01	5.38E-02	-2.44E-02	0.00E+00
1.95E+01	2.89E+01	6.91E-02	-3.42E-02	0.00E+00
1.95E+01	2.89E+01	-5.32E-02	-1.71E-02	0.00E+00
1.95E+01	2.89E+01	7.95E-03	-1.46E-02	0.00E+00
1.95E+01	2.90E+01	-8.38E-02	-2.93E-02	0.00E+00
1.95E+01	2.90E+01	1.91E-01	-2.69E-02	0.00E+00
1.96E+01	2.90E+01	5.38E-02	-2.08E-02	0.00E+00
1.96E+01	2.89E+01	3.85E-02	-1.71E-02	0.00E+00
1.96E+01	2.90E+01	-3.79E-02	-2.44E-02	0.00E+00
1.96E+01	2.89E+01	3.85E-02	-2.69E-02	0.00E+00
1.96E+01	2.90E+01	2.98E-01	-1.71E-02	0.00E+00
1.97E+01	2.90E+01	6.91E-02	-1.34E-02	0.00E+00
1.97E+01	2.95E+01	-2.21E-01	-3.17E-02	0.00E+00
1.97E+01	2.94E+01	-7.34E-03	-3.42E-02	0.00E+00
1.97E+01	2.95E+01	1.61E-01	-2.44E-02	0.00E+00
1.97E+01	2.95E+01	8.44E-02	-1.95E-02	0.00E+00

1.98E+01	2.94E+01	-7.34E-03	-2.32E-02	0.00E+00
1.98E+01	2.94E+01	-1.14E-01	-1.71E-02	0.00E+00
1.98E+01	2.96E+01	-8.38E-02	-1.95E-02	0.00E+00
1.98E+01	2.96E+01	6.91E-02	-1.95E-02	0.00E+00
1.98E+01	2.95E+01	-7.34E-03	-1.71E-02	0.00E+00
1.99E+01	2.95E+01	1.30E-01	-2.69E-02	0.00E+00
1.99E+01	2.96E+01	1.15E-01	-2.20E-02	0.00E+00
1.99E+01	2.96E+01	5.38E-02	-2.69E-02	0.00E+00
1.99E+01	2.95E+01	3.85E-02	-2.08E-02	0.00E+00
1.99E+01	2.95E+01	1.30E-01	-1.71E-02	0.00E+00
2.00E+01	2.96E+01	2.32E-02	-2.44E-02	0.00E+00
2.00E+01	2.96E+01	2.83E-01	-2.44E-02	0.00E+00
2.00E+01	2.95E+01	8.44E-02	-1.71E-02	0.00E+00
2.00E+01	2.95E+01	9.97E-02	-2.08E-02	0.00E+00
2.00E+01	2.95E+01	5.38E-02	-4.88E-03	0.00E+00
2.01E+01	2.95E+01	1.30E-01	-2.44E-02	0.00E+00
2.01E+01	2.96E+01	2.32E-02	-3.17E-02	0.00E+00
2.01E+01	2.98E+01	-7.34E-03	-1.22E-02	0.00E+00
2.01E+01	3.01E+01	3.14E-01	-1.95E-02	0.00E+00
2.01E+01	3.01E+01	1.61E-01	2.44E-03	0.00E+00
2.02E+01	3.01E+01	1.15E-01	-2.08E-02	0.00E+00
2.02E+01	3.01E+01	3.85E-02	1.10E-02	0.00E+00
2.02E+01	3.01E+01	5.38E-02	-9.77E-03	0.00E+00
2.02E+01	3.01E+01	3.29E-01	-1.46E-02	0.00E+00
2.02E+01	3.01E+01	1.61E-01	7.32E-03	0.00E+00
2.03E+01	3.00E+01	1.15E-01	-9.77E-03	0.00E+00
2.03E+01	3.00E+01	-1.45E-01	-2.44E-02	0.00E+00
2.03E+01	3.01E+01	5.38E-02	-1.22E-02	0.00E+00
2.03E+01	3.01E+01	1.30E-01	-1.46E-02	0.00E+00
2.03E+01	3.00E+01	3.85E-02	1.22E-02	0.00E+00
2.04E+01	3.00E+01	7.95E-03	-9.77E-03	0.00E+00
2.04E+01	3.00E+01	-2.83E-01	-2.44E-02	0.00E+00
2.04E+01	3.00E+01	6.91E-02	-7.32E-03	0.00E+00
2.04E+01	3.00E+01	-2.06E-01	-1.46E-02	0.00E+00
2.04E+01	3.01E+01	7.95E-03	4.88E-03	0.00E+00
2.05E+01	3.01E+01	-2.26E-02	-2.20E-02	0.00E+00
2.05E+01	3.01E+01	-5.32E-02	1.22E-03	0.00E+00
2.05E+01	3.00E+01	5.38E-02	-6.10E-03	0.00E+00
2.05E+01	3.04E+01	-2.06E-01	-1.95E-02	0.00E+00
2.05E+01	3.06E+01	7.95E-03	-2.20E-02	0.00E+00
2.06E+01	3.06E+01	-2.26E-02	-2.20E-02	0.00E+00
2.06E+01	3.06E+01	2.22E-01	1.22E-03	0.00E+00
2.06E+01	3.06E+01	-1.14E-01	-1.95E-02	0.00E+00
2.06E+01	3.07E+01	-8.38E-02	-2.20E-02	0.00E+00
2.06E+01	3.07E+01	6.91E-02	0.00E+00	0.00E+00
2.07E+01	3.06E+01	7.95E-03	-2.69E-02	0.00E+00
2.07E+01	3.07E+01	1.30E-01	-2.20E-02	0.00E+00

2.07E+01	3.07E+01	-2.26E-02	-2.93E-02	0.00E+00
2.07E+01	3.07E+01	8.44E-02	-1.22E-02	0.00E+00
2.07E+01	3.07E+01	-1.45E-01	-3.66E-02	0.00E+00
2.08E+01	3.07E+01	7.95E-03	-2.69E-02	0.00E+00
2.08E+01	3.07E+01	2.07E-01	-7.32E-03	0.00E+00
2.08E+01	3.07E+01	7.95E-03	-1.71E-02	0.00E+00
2.08E+01	3.07E+01	-1.91E-01	-1.95E-02	0.00E+00
2.08E+01	3.07E+01	7.95E-03	-4.64E-02	0.00E+00
2.09E+01	3.07E+01	8.44E-02	-1.71E-02	0.00E+00
2.09E+01	3.10E+01	-2.26E-02	-3.54E-02	0.00E+00
2.09E+01	3.12E+01	7.95E-03	-9.77E-03	0.00E+00
2.09E+01	3.12E+01	7.95E-03	-1.95E-02	0.00E+00
2.09E+01	3.12E+01	6.91E-02	-2.44E-03	0.00E+00
2.10E+01	3.13E+01	2.32E-02	-2.93E-02	0.00E+00
2.10E+01	3.13E+01	2.53E-01	-2.44E-03	0.00E+00
2.10E+01	3.13E+01	6.91E-02	-1.34E-02	0.00E+00
2.10E+01	3.12E+01	-2.06E-01	-1.95E-02	0.00E+00
2.10E+01	3.12E+01	-8.38E-02	-3.66E-02	0.00E+00
2.11E+01	3.13E+01	7.95E-03	-2.81E-02	0.00E+00
2.11E+01	3.13E+01	1.30E-01	-6.10E-03	0.00E+00
2.11E+01	3.12E+01	-2.26E-02	-1.22E-02	0.00E+00
2.11E+01	3.13E+01	-5.32E-02	-2.44E-02	0.00E+00
2.11E+01	3.13E+01	7.95E-03	-5.37E-02	0.00E+00
2.12E+01	3.13E+01	9.97E-02	-3.05E-02	0.00E+00
2.12E+01	3.13E+01	-5.32E-02	-2.20E-02	0.00E+00
2.12E+01	3.13E+01	2.32E-02	-1.22E-02	0.00E+00
2.12E+01	3.18E+01	8.44E-02	-2.44E-02	0.00E+00
2.12E+01	3.18E+01	3.85E-02	-2.44E-03	0.00E+00
2.13E+01	3.18E+01	3.85E-02	-1.71E-02	0.00E+00
2.13E+01	3.18E+01	8.44E-02	-2.44E-02	0.00E+00
2.13E+01	3.19E+01	2.07E-01	-1.22E-02	0.00E+00
2.13E+01	3.19E+01	2.32E-02	-2.69E-02	0.00E+00
2.13E+01	3.18E+01	1.30E-01	-2.44E-03	0.00E+00
2.14E+01	3.19E+01	-1.14E-01	-2.44E-02	0.00E+00
2.14E+01	3.18E+01	8.44E-02	-1.46E-02	0.00E+00
2.14E+01	3.17E+01	-2.37E-01	-2.69E-02	0.00E+00
2.14E+01	3.19E+01	2.22E-01	-2.56E-02	0.00E+00
2.14E+01	3.17E+01	3.85E-02	-1.22E-02	0.00E+00
2.15E+01	3.18E+01	1.91E-01	-1.34E-02	0.00E+00
2.15E+01	3.24E+01	3.85E-02	-1.71E-02	0.00E+00
2.15E+01	3.24E+01	3.75E-01	-1.71E-02	0.00E+00
2.15E+01	3.24E+01	1.76E-01	-1.46E-02	0.00E+00
2.15E+01	3.24E+01	9.97E-02	-2.32E-02	0.00E+00
2.16E+01	3.24E+01	4.05E-01	-1.95E-02	0.00E+00
2.16E+01	3.24E+01	1.30E-01	-6.10E-03	0.00E+00
2.16E+01	3.25E+01	3.44E-01	-2.44E-02	0.00E+00
2.16E+01	3.24E+01	1.30E-01	-1.59E-02	0.00E+00

2.16E+01	3.23E+01	9.97E-02	-3.17E-02	0.00E+00
2.17E+01	3.24E+01	-3.79E-02	-1.95E-02	0.00E+00
2.17E+01	3.25E+01	8.44E-02	0.00E+00	0.00E+00
2.17E+01	3.27E+01	3.60E-01	-1.83E-02	0.00E+00
2.17E+01	3.30E+01	1.91E-01	-1.95E-02	0.00E+00
2.17E+01	3.29E+01	1.30E-01	-1.59E-02	0.00E+00
2.18E+01	3.31E+01	4.36E-01	-1.46E-02	0.00E+00
2.18E+01	3.30E+01	3.85E-02	-2.44E-03	0.00E+00
2.18E+01	3.30E+01	3.85E-02	-1.71E-02	0.00E+00
2.18E+01	3.30E+01	-9.91E-02	-1.95E-02	0.00E+00
2.18E+01	3.30E+01	2.37E-01	2.44E-03	0.00E+00
2.19E+01	3.30E+01	2.22E-01	-2.20E-02	0.00E+00
2.19E+01	3.30E+01	2.68E-01	-1.95E-02	0.00E+00
2.19E+01	3.33E+01	6.91E-02	-2.08E-02	0.00E+00
2.19E+01	3.35E+01	1.30E-01	-1.46E-02	0.00E+00
2.19E+01	3.35E+01	9.97E-02	-9.77E-03	0.00E+00
2.20E+01	3.35E+01	2.22E-01	0.00E+00	0.00E+00
2.20E+01	3.35E+01	1.46E-01	-1.22E-02	0.00E+00
2.20E+01	3.36E+01	6.91E-02	4.88E-03	0.00E+00
2.20E+01	3.35E+01	9.97E-02	-1.46E-02	0.00E+00
2.20E+01	3.35E+01	3.85E-02	-7.32E-03	0.00E+00
2.21E+01	3.36E+01	-5.32E-02	-1.22E-02	0.00E+00
2.21E+01	3.38E+01	1.61E-01	-1.59E-02	0.00E+00
2.21E+01	3.41E+01	3.85E-02	2.44E-03	0.00E+00
2.21E+01	3.41E+01	-6.85E-02	-1.22E-02	0.00E+00
2.21E+01	3.41E+01	-8.38E-02	-2.20E-02	0.00E+00
2.22E+01	3.42E+01	7.95E-03	-1.95E-02	0.00E+00
2.22E+01	3.41E+01	-1.14E-01	-1.59E-02	0.00E+00
2.22E+01	3.42E+01	-5.32E-02	-4.15E-02	0.00E+00
2.22E+01	3.42E+01	-7.34E-03	-1.95E-02	0.00E+00
2.22E+01	3.46E+01	1.61E-01	-1.71E-02	0.00E+00
2.23E+01	3.47E+01	9.97E-02	0.00E+00	0.00E+00
2.23E+01	3.47E+01	1.30E-01	-1.71E-02	0.00E+00
2.23E+01	3.48E+01	3.85E-02	-1.59E-02	0.00E+00
2.23E+01	3.48E+01	1.61E-01	-7.32E-03	0.00E+00
2.23E+01	3.48E+01	1.30E-01	-1.95E-02	0.00E+00
2.24E+01	3.49E+01	5.38E-02	-2.20E-02	0.00E+00
2.24E+01	3.53E+01	1.91E-01	-2.20E-02	0.00E+00
2.24E+01	3.51E+01	9.97E-02	-1.22E-02	0.00E+00
2.24E+01	3.53E+01	9.97E-02	-2.44E-02	0.00E+00
2.24E+01	3.53E+01	6.91E-02	-1.59E-02	0.00E+00
2.25E+01	3.54E+01	9.97E-02	-2.32E-02	0.00E+00
2.25E+01	3.53E+01	2.83E-01	-9.77E-03	0.00E+00
2.25E+01	3.56E+01	7.95E-03	-1.22E-02	0.00E+00
2.25E+01	3.59E+01	9.97E-02	-1.10E-02	0.00E+00
2.25E+01	3.59E+01	1.61E-01	-7.32E-03	0.00E+00
2.26E+01	3.57E+01	1.91E-01	-7.32E-03	0.00E+00

2.26E+01	3.57E+01	-5.32E-02	-3.66E-03	0.00E+00
2.26E+01	3.62E+01	-7.34E-03	-1.71E-02	0.00E+00
2.26E+01	3.66E+01	3.85E-02	-1.71E-02	0.00E+00
2.26E+01	3.64E+01	4.51E-01	-4.88E-03	0.00E+00
2.27E+01	3.64E+01	-7.34E-03	-2.44E-02	0.00E+00
2.27E+01	3.64E+01	2.37E-01	-2.20E-02	0.00E+00
2.27E+01	3.68E+01	1.61E-01	-1.59E-02	0.00E+00
2.27E+01	3.69E+01	6.91E-02	-2.44E-03	0.00E+00
2.27E+01	3.69E+01	2.22E-01	-2.44E-03	0.00E+00
2.28E+01	3.70E+01	-2.67E-01	-2.08E-02	0.00E+00
2.28E+01	3.73E+01	3.85E-02	-1.71E-02	0.00E+00
2.28E+01	3.76E+01	-1.60E-01	-1.46E-02	0.00E+00
2.28E+01	3.76E+01	3.85E-02	-1.71E-02	0.00E+00
2.28E+01	3.77E+01	3.85E-02	-1.95E-02	0.00E+00
2.29E+01	3.82E+01	1.76E-01	1.10E-02	0.00E+00
2.29E+01	3.82E+01	3.85E-02	-2.08E-02	0.00E+00
2.29E+01	3.82E+01	2.83E-01	-2.20E-02	0.00E+00
2.29E+01	3.85E+01	3.85E-02	-5.13E-02	0.00E+00
2.29E+01	3.88E+01	1.15E-01	-3.17E-02	0.00E+00
2.30E+01	3.88E+01	3.14E-01	2.44E-03	0.00E+00
2.30E+01	3.88E+01	6.91E-02	-1.22E-02	0.00E+00
2.30E+01	3.94E+01	2.22E-01	-2.20E-02	0.00E+00
2.30E+01	3.94E+01	2.22E-01	-2.20E-02	0.00E+00
2.30E+01	3.93E+01	3.85E-02	-2.69E-02	0.00E+00
2.31E+01	4.00E+01	-7.34E-03	-1.59E-02	0.00E+00
2.31E+01	4.00E+01	1.46E-01	-2.44E-03	0.00E+00
2.31E+01	4.01E+01	9.97E-02	-3.17E-02	0.00E+00
2.31E+01	4.05E+01	3.85E-02	-1.22E-02	0.00E+00
2.31E+01	4.06E+01	7.95E-03	-3.42E-02	0.00E+00
2.32E+01	4.05E+01	-2.26E-02	-1.71E-02	0.00E+00
2.32E+01	4.12E+01	1.30E-01	-4.88E-03	0.00E+00
2.32E+01	4.11E+01	9.97E-02	-7.32E-03	0.00E+00
2.32E+01	4.11E+01	-6.85E-02	-1.46E-02	0.00E+00
2.32E+01	4.16E+01	1.30E-01	-1.10E-02	0.00E+00
2.33E+01	4.17E+01	3.85E-02	-2.08E-02	0.00E+00
2.33E+01	4.16E+01	9.97E-02	2.44E-03	0.00E+00
2.33E+01	4.20E+01	6.91E-02	-1.10E-02	0.00E+00
2.33E+01	4.22E+01	1.76E-01	-1.71E-02	0.00E+00
2.33E+01	4.23E+01	6.91E-02	-1.46E-02	0.00E+00
2.34E+01	4.26E+01	1.91E-01	-1.46E-02	0.00E+00
2.34E+01	4.28E+01	2.53E-01	-2.08E-02	0.00E+00
2.34E+01	4.29E+01	5.38E-02	-7.32E-03	0.00E+00
2.34E+01	4.30E+01	2.22E-01	-1.95E-02	0.00E+00
2.34E+01	4.33E+01	8.44E-02	-2.20E-02	0.00E+00
2.35E+01	4.33E+01	2.22E-01	-4.88E-03	0.00E+00
2.35E+01	4.36E+01	-2.26E-02	-1.22E-02	0.00E+00
2.35E+01	4.40E+01	9.97E-02	-9.77E-03	0.00E+00

2.35E+01	4.40E+01	5.38E-02	-2.08E-02	0.00E+00
2.35E+01	4.43E+01	-5.32E-02	-1.46E-02	0.00E+00
2.36E+01	4.44E+01	1.61E-01	-4.88E-03	0.00E+00
2.36E+01	4.46E+01	2.32E-02	-1.46E-02	0.00E+00
2.36E+01	4.52E+01	1.76E-01	4.88E-03	0.00E+00
2.36E+01	4.51E+01	2.83E-01	-2.44E-03	0.00E+00
2.36E+01	4.54E+01	9.97E-02	-1.10E-02	0.00E+00
2.37E+01	4.57E+01	-2.37E-01	-2.20E-02	0.00E+00
2.37E+01	4.57E+01	7.95E-03	-1.71E-02	0.00E+00
2.37E+01	4.62E+01	1.30E-01	-9.77E-03	0.00E+00
2.37E+01	4.62E+01	-6.85E-02	-1.22E-02	0.00E+00
2.37E+01	4.68E+01	-2.06E-01	-1.46E-02	0.00E+00
2.38E+01	4.69E+01	2.32E-02	-7.32E-03	0.00E+00
2.38E+01	4.72E+01	-2.37E-01	-1.34E-02	0.00E+00
2.38E+01	4.74E+01	7.95E-03	-3.91E-02	0.00E+00
2.38E+01	4.77E+01	2.32E-02	0.00E+00	0.00E+00
2.38E+01	4.80E+01	-2.67E-01	-4.15E-02	0.00E+00
2.39E+01	4.83E+01	6.91E-02	-2.81E-02	0.00E+00
2.39E+01	4.86E+01	-1.76E-01	-1.10E-02	0.00E+00
2.39E+01	4.89E+01	1.61E-01	-1.83E-02	0.00E+00
2.39E+01	4.91E+01	-2.26E-02	-1.95E-02	0.00E+00
2.39E+01	4.96E+01	-6.85E-02	-3.54E-02	0.00E+00
2.40E+01	4.98E+01	1.15E-01	-1.71E-02	0.00E+00
2.40E+01	5.03E+01	-3.79E-02	-1.22E-02	0.00E+00
2.40E+01	5.06E+01	8.44E-02	-4.88E-03	0.00E+00
2.40E+01	5.08E+01	7.95E-03	-2.44E-03	0.00E+00
2.40E+01	5.13E+01	-8.38E-02	-1.46E-02	0.00E+00
2.41E+01	5.15E+01	3.85E-02	-1.71E-02	0.00E+00
2.41E+01	5.22E+01	3.85E-02	-1.10E-02	0.00E+00
2.41E+01	5.24E+01	1.61E-01	-9.77E-03	0.00E+00
2.41E+01	5.30E+01	7.95E-03	-3.05E-02	0.00E+00
2.41E+01	5.33E+01	-7.34E-03	-1.46E-02	0.00E+00
2.42E+01	5.39E+01	9.97E-02	-9.77E-03	0.00E+00
2.42E+01	5.41E+01	-3.79E-02	-7.32E-03	0.00E+00
2.42E+01	5.47E+01	-8.38E-02	-1.95E-02	0.00E+00
2.42E+01	5.52E+01	1.15E-01	0.00E+00	0.00E+00
2.42E+01	5.56E+01	-8.38E-02	-1.46E-02	0.00E+00
2.43E+01	5.62E+01	-2.26E-02	-1.22E-02	0.00E+00
2.43E+01	5.67E+01	3.85E-02	-2.93E-02	0.00E+00
2.43E+01	5.73E+01	-2.26E-02	-8.54E-03	0.00E+00
2.43E+01	5.79E+01	3.85E-02	-1.95E-02	0.00E+00
2.43E+01	5.85E+01	2.32E-02	-1.22E-02	0.00E+00
2.44E+01	5.90E+01	-1.60E-01	-1.46E-02	0.00E+00
2.44E+01	5.96E+01	2.32E-02	-9.77E-03	0.00E+00
2.44E+01	6.02E+01	-2.26E-02	-1.22E-02	0.00E+00
2.44E+01	6.10E+01	3.85E-02	-1.46E-02	0.00E+00
2.44E+01	6.13E+01	1.61E-01	-1.46E-02	0.00E+00

2.45E+01	6.21E+01	3.85E-02	-2.20E-02	0.00E+00
2.45E+01	6.28E+01	5.38E-02	-7.32E-03	0.00E+00
2.45E+01	6.35E+01	2.53E-01	-1.34E-02	0.00E+00
2.45E+01	6.43E+01	8.44E-02	-9.77E-03	0.00E+00
2.45E+01	6.52E+01	3.44E-01	-3.17E-02	0.00E+00
2.46E+01	6.59E+01	2.07E-01	-1.83E-02	0.00E+00
2.46E+01	6.65E+01	-2.26E-02	-2.20E-02	0.00E+00
2.46E+01	6.76E+01	3.29E-01	-1.59E-02	0.00E+00
2.46E+01	6.83E+01	1.30E-01	2.44E-03	0.00E+00
2.46E+01	6.97E+01	6.91E-02	-1.71E-02	0.00E+00
2.47E+01	7.04E+01	2.98E-01	-1.95E-02	0.00E+00
2.47E+01	7.10E+01	2.83E-01	2.44E-03	0.00E+00
2.47E+01	7.23E+01	2.22E-01	-1.83E-02	0.00E+00
2.47E+01	7.31E+01	5.38E-02	-2.20E-02	0.00E+00
2.47E+01	7.40E+01	1.15E-01	-2.20E-02	0.00E+00
2.48E+01	7.48E+01	-2.26E-02	-1.83E-02	0.00E+00
2.48E+01	7.48E+01	3.85E-02	-5.37E-02	0.00E+00
2.48E+01	7.48E+01	1.30E-01	-1.22E-02	0.00E+00
2.48E+01	7.48E+01	2.53E-01	9.77E-03	0.00E+00
2.48E+01	7.48E+01	9.97E-02	-2.20E-02	0.00E+00
2.49E+01	7.47E+01	6.91E-02	-1.71E-02	0.00E+00
2.49E+01	7.48E+01	2.37E-01	-3.30E-02	0.00E+00
2.49E+01	7.47E+01	8.44E-02	-6.10E-03	0.00E+00
2.49E+01	7.48E+01	9.97E-02	-1.22E-02	0.00E+00
2.49E+01	7.48E+01	2.32E-02	-4.88E-03	0.00E+00
2.50E+01	7.48E+01	8.44E-02	-1.34E-02	0.00E+00
2.50E+01	7.47E+01	6.91E-02	-1.46E-02	0.00E+00
2.50E+01	7.47E+01	-7.34E-03	-2.44E-02	0.00E+00
2.50E+01	7.47E+01	-9.91E-02	-1.71E-02	0.00E+00
2.50E+01	7.48E+01	-6.85E-02	-1.71E-02	0.00E+00
2.51E+01	7.48E+01	6.91E-02	-2.93E-02	0.00E+00
2.51E+01	7.48E+01	-5.32E-02	-2.20E-02	0.00E+00
2.51E+01	7.49E+01	-7.34E-03	-1.34E-02	0.00E+00
2.51E+01	7.47E+01	-2.26E-02	-1.83E-02	0.00E+00
2.51E+01	7.45E+01	-9.91E-02	-1.95E-02	0.00E+00
2.52E+01	7.48E+01	8.44E-02	-1.71E-02	0.00E+00
2.52E+01	7.48E+01	1.61E-01	-1.95E-02	0.00E+00
2.52E+01	7.47E+01	2.32E-02	-2.81E-02	0.00E+00
2.52E+01	7.47E+01	-1.60E-01	-2.20E-02	0.00E+00
2.52E+01	7.46E+01	-2.26E-02	-2.44E-02	0.00E+00
2.53E+01	7.49E+01	1.61E-01	-1.71E-02	0.00E+00
2.53E+01	7.48E+01	1.30E-01	-1.95E-02	0.00E+00
2.53E+01	7.48E+01	-5.32E-02	-9.77E-03	0.00E+00
2.53E+01	7.48E+01	1.61E-01	-2.20E-02	0.00E+00
2.53E+01	7.48E+01	1.46E-01	-1.71E-02	0.00E+00
2.54E+01	7.46E+01	1.30E-01	-7.32E-03	0.00E+00
2.54E+01	7.48E+01	2.53E-01	-1.22E-02	0.00E+00

2.54E+01	7.48E+01	1.91E-01	-3.30E-02	0.00E+00
2.54E+01	7.48E+01	1.91E-01	-1.71E-02	0.00E+00
2.54E+01	7.47E+01	5.38E-02	-9.77E-03	0.00E+00
2.55E+01	7.48E+01	7.95E-03	-3.66E-02	0.00E+00
2.55E+01	7.47E+01	1.30E-01	-1.59E-02	0.00E+00
2.55E+01	7.47E+01	1.61E-01	-1.71E-02	0.00E+00
2.55E+01	7.47E+01	-7.34E-03	-2.20E-02	0.00E+00
2.55E+01	7.48E+01	1.30E-01	-1.22E-02	0.00E+00
2.56E+01	7.47E+01	-7.34E-03	-2.08E-02	0.00E+00
2.56E+01	7.48E+01	-5.32E-02	-1.22E-02	0.00E+00
2.56E+01	7.47E+01	-5.32E-02	-1.83E-02	0.00E+00
2.56E+01	7.48E+01	3.85E-02	-3.05E-02	0.00E+00
2.56E+01	7.48E+01	7.95E-03	-2.32E-02	0.00E+00
2.57E+01	7.48E+01	6.91E-02	-1.46E-02	0.00E+00
2.57E+01	7.47E+01	7.95E-03	-1.46E-02	0.00E+00
2.57E+01	7.48E+01	1.91E-01	-1.71E-02	0.00E+00
2.57E+01	7.48E+01	7.95E-03	-1.46E-02	0.00E+00
2.57E+01	7.48E+01	6.91E-02	-1.46E-02	0.00E+00
2.58E+01	7.48E+01	2.98E-01	-1.71E-02	0.00E+00
2.58E+01	7.47E+01	5.38E-02	-2.44E-03	0.00E+00
2.58E+01	7.47E+01	-2.26E-02	-1.46E-02	0.00E+00
2.58E+01	7.47E+01	6.91E-02	-9.77E-03	0.00E+00
2.58E+01	7.47E+01	1.30E-01	-7.32E-03	0.00E+00
2.59E+01	7.47E+01	9.97E-02	-1.95E-02	0.00E+00
2.59E+01	7.49E+01	1.61E-01	-1.95E-02	0.00E+00
2.59E+01	7.47E+01	-8.38E-02	-9.77E-03	0.00E+00
2.59E+01	7.48E+01	7.95E-03	-9.77E-03	0.00E+00
2.59E+01	7.47E+01	-5.32E-02	-1.22E-02	0.00E+00
2.60E+01	7.48E+01	8.44E-02	-2.44E-02	0.00E+00
2.60E+01	7.47E+01	1.30E-01	-2.20E-02	0.00E+00
2.60E+01	7.47E+01	2.83E-01	-1.22E-02	0.00E+00
2.60E+01	7.48E+01	9.97E-02	-2.20E-02	0.00E+00
2.60E+01	7.48E+01	1.61E-01	-9.77E-03	0.00E+00
2.61E+01	7.48E+01	1.61E-01	-2.56E-02	0.00E+00
2.61E+01	7.48E+01	1.61E-01	-9.77E-03	0.00E+00
2.61E+01	7.46E+01	3.75E-01	-1.59E-02	0.00E+00
2.61E+01	7.47E+01	2.22E-01	-7.32E-03	0.00E+00
2.61E+01	7.46E+01	-1.14E-01	-2.93E-02	0.00E+00
2.62E+01	7.48E+01	2.07E-01	-1.59E-02	0.00E+00
2.62E+01	7.48E+01	2.22E-01	-2.93E-02	0.00E+00
2.62E+01	7.47E+01	7.95E-03	-1.46E-02	0.00E+00
2.62E+01	7.47E+01	-2.06E-01	-1.46E-02	0.00E+00
2.62E+01	7.48E+01	-5.32E-02	-2.93E-02	0.00E+00
2.63E+01	7.48E+01	7.95E-03	-2.20E-02	0.00E+00
2.63E+01	7.47E+01	-1.14E-01	-2.08E-02	0.00E+00
2.63E+01	7.47E+01	-7.34E-03	-8.54E-03	0.00E+00
2.63E+01	7.47E+01	1.91E-01	-1.71E-02	0.00E+00

2.63E+01	7.48E+01	-7.34E-03	-3.42E-02	0.00E+00
2.64E+01	7.47E+01	7.95E-03	-2.32E-02	0.00E+00
2.64E+01	7.47E+01	-1.45E-01	-1.46E-02	0.00E+00
2.64E+01	7.48E+01	-5.32E-02	-2.69E-02	0.00E+00
2.64E+01	7.48E+01	7.95E-03	-9.77E-03	0.00E+00
2.64E+01	7.48E+01	-5.32E-02	-1.59E-02	0.00E+00
2.65E+01	7.49E+01	-1.45E-01	-3.42E-02	0.00E+00
2.65E+01	7.48E+01	9.97E-02	-2.20E-02	0.00E+00
2.65E+01	7.48E+01	2.53E-01	-7.32E-03	0.00E+00
2.65E+01	7.48E+01	7.95E-03	-9.77E-03	0.00E+00
2.65E+01	7.48E+01	-8.38E-02	-1.83E-02	0.00E+00
2.66E+01	7.47E+01	7.95E-03	-2.20E-02	0.00E+00
2.66E+01	7.48E+01	2.07E-01	-2.08E-02	0.00E+00
2.66E+01	7.47E+01	-2.26E-02	-1.95E-02	0.00E+00
2.66E+01	7.48E+01	3.85E-02	-1.71E-02	0.00E+00
2.66E+01	7.48E+01	8.44E-02	-3.17E-02	0.00E+00
2.67E+01	7.48E+01	3.85E-02	-2.44E-02	0.00E+00
2.67E+01	7.48E+01	4.36E-01	-1.71E-02	0.00E+00
2.67E+01	7.48E+01	7.95E-03	-1.71E-02	0.00E+00
2.67E+01	7.47E+01	9.97E-02	-2.44E-02	0.00E+00
2.67E+01	7.49E+01	3.44E-01	-1.22E-02	0.00E+00
2.68E+01	7.48E+01	7.95E-03	0.00E+00	0.00E+00
2.68E+01	7.48E+01	8.44E-02	-7.32E-03	0.00E+00
2.68E+01	7.48E+01	2.37E-01	-1.46E-02	0.00E+00
2.68E+01	7.48E+01	2.37E-01	-1.22E-03	0.00E+00
2.68E+01	7.47E+01	5.38E-02	-1.71E-02	0.00E+00
2.69E+01	7.47E+01	-2.26E-02	-2.81E-02	0.00E+00
2.69E+01	7.48E+01	2.32E-02	-2.81E-02	0.00E+00
2.69E+01	7.47E+01	3.85E-02	-1.95E-02	0.00E+00
2.69E+01	7.47E+01	-7.34E-03	-1.22E-02	0.00E+00
2.69E+01	7.48E+01	6.91E-02	-1.22E-02	0.00E+00
2.70E+01	7.47E+01	1.91E-01	-1.10E-02	0.00E+00
2.70E+01	7.48E+01	3.85E-02	-2.08E-02	0.00E+00
2.70E+01	7.48E+01	8.44E-02	-1.95E-02	0.00E+00
2.70E+01	7.47E+01	-9.91E-02	-1.95E-02	0.00E+00
2.70E+01	7.48E+01	7.95E-03	-1.22E-03	0.00E+00
2.71E+01	7.47E+01	1.15E-01	-1.22E-02	0.00E+00
2.71E+01	7.45E+01	8.44E-02	-1.59E-02	0.00E+00
2.71E+01	7.48E+01	6.91E-02	-1.71E-02	0.00E+00
2.71E+01	7.48E+01	9.97E-02	-1.22E-02	0.00E+00
2.71E+01	7.50E+01	9.97E-02	-1.22E-02	0.00E+00
2.72E+01	7.47E+01	-8.38E-02	-1.59E-02	0.00E+00
2.72E+01	7.47E+01	-3.79E-02	-1.10E-02	0.00E+00
2.72E+01	7.47E+01	-8.38E-02	-2.69E-02	0.00E+00
2.72E+01	7.48E+01	3.29E-01	-2.93E-02	0.00E+00
2.72E+01	7.48E+01	1.30E-01	-4.88E-03	0.00E+00
2.73E+01	7.47E+01	-6.85E-02	-1.71E-02	0.00E+00

2.73E+01	7.47E+01	6.91E-02	-1.95E-02	0.00E+00
2.73E+01	7.48E+01	1.30E-01	-1.22E-03	0.00E+00
2.73E+01	7.47E+01	7.95E-03	-1.46E-02	0.00E+00
2.73E+01	7.48E+01	2.83E-01	1.22E-03	0.00E+00
2.74E+01	7.48E+01	-2.26E-02	-1.22E-02	0.00E+00
2.74E+01	7.48E+01	-2.83E-01	-2.08E-02	0.00E+00
2.74E+01	7.48E+01	1.30E-01	1.22E-03	0.00E+00
2.74E+01	7.48E+01	-5.32E-02	-1.22E-02	0.00E+00
2.74E+01	7.48E+01	-8.38E-02	-4.39E-02	0.00E+00
2.75E+01	7.48E+01	8.44E-02	-1.22E-02	0.00E+00
2.75E+01	7.48E+01	-2.26E-02	-1.59E-02	0.00E+00
2.75E+01	7.48E+01	3.85E-02	-3.66E-02	0.00E+00
2.75E+01	7.48E+01	9.97E-02	-2.20E-02	0.00E+00
2.75E+01	7.48E+01	1.46E-01	-2.20E-02	0.00E+00
2.76E+01	7.49E+01	2.32E-02	-2.69E-02	0.00E+00
2.76E+01	7.48E+01	1.46E-01	-1.22E-02	0.00E+00
2.76E+01	7.48E+01	-5.32E-02	-2.20E-02	0.00E+00
2.76E+01	7.49E+01	5.38E-02	-2.32E-02	0.00E+00
2.76E+01	7.48E+01	2.53E-01	-1.22E-02	0.00E+00
2.77E+01	7.46E+01	1.30E-01	-1.95E-02	0.00E+00
2.77E+01	7.48E+01	1.61E-01	-1.10E-02	0.00E+00
2.77E+01	7.48E+01	1.61E-01	-1.46E-02	0.00E+00
2.77E+01	7.48E+01	2.53E-01	-1.95E-02	0.00E+00
2.77E+01	7.48E+01	4.82E-01	-1.46E-02	0.00E+00
2.78E+01	7.48E+01	3.85E-02	-1.59E-02	0.00E+00
2.78E+01	7.49E+01	8.44E-02	-9.77E-03	0.00E+00
2.78E+01	7.48E+01	7.95E-03	-1.46E-02	0.00E+00
2.78E+01	7.48E+01	-8.38E-02	-3.42E-02	0.00E+00
2.78E+01	7.47E+01	6.91E-02	-1.10E-02	0.00E+00
2.79E+01	7.48E+01	3.75E-01	-1.34E-02	0.00E+00
2.79E+01	7.48E+01	1.61E-01	-8.54E-03	0.00E+00
2.79E+01	7.47E+01	6.91E-02	-1.22E-02	0.00E+00
2.79E+01	7.48E+01	2.53E-01	-2.44E-02	0.00E+00
2.79E+01	7.48E+01	2.32E-02	-2.44E-03	0.00E+00
2.80E+01	7.48E+01	1.30E-01	-1.22E-02	0.00E+00
2.80E+01	7.48E+01	2.22E-01	-7.32E-03	0.00E+00
2.80E+01	7.47E+01	6.91E-02	-4.88E-03	0.00E+00
2.80E+01	7.47E+01	1.61E-01	-1.22E-02	0.00E+00
2.80E+01	7.48E+01	8.44E-02	-4.88E-03	0.00E+00
2.81E+01	7.48E+01	5.38E-02	-4.88E-03	0.00E+00
2.81E+01	7.47E+01	7.95E-03	-1.46E-02	0.00E+00
2.81E+01	7.46E+01	-7.34E-03	-1.22E-02	0.00E+00
2.81E+01	7.48E+01	7.95E-03	-1.83E-02	0.00E+00
2.81E+01	7.48E+01	1.61E-01	-1.46E-02	0.00E+00
2.82E+01	7.48E+01	1.30E-01	-6.10E-03	0.00E+00
2.82E+01	7.48E+01	-1.14E-01	-1.71E-02	0.00E+00
2.82E+01	7.47E+01	-2.26E-02	-1.95E-02	0.00E+00

2.82E+01	7.48E+01	2.68E-01	-1.83E-02	0.00E+00
2.82E+01	7.47E+01	3.85E-02	-1.10E-02	0.00E+00
2.83E+01	7.48E+01	3.85E-02	-2.69E-02	0.00E+00
2.83E+01	7.48E+01	3.90E-01	-2.20E-02	0.00E+00
2.83E+01	7.48E+01	6.91E-02	-4.88E-03	0.00E+00
2.83E+01	7.47E+01	1.46E-01	-8.54E-03	0.00E+00
2.83E+01	7.48E+01	-5.32E-02	-2.08E-02	0.00E+00
2.84E+01	7.48E+01	9.97E-02	-2.69E-02	0.00E+00
2.84E+01	7.47E+01	-2.26E-02	-2.20E-02	0.00E+00
2.84E+01	7.48E+01	-5.32E-02	-3.42E-02	0.00E+00
2.84E+01	7.48E+01	3.85E-02	-2.32E-02	0.00E+00
2.84E+01	7.48E+01	3.85E-02	-2.44E-02	0.00E+00
2.85E+01	7.48E+01	9.97E-02	-8.54E-03	0.00E+00
2.85E+01	7.48E+01	6.91E-02	-1.46E-02	0.00E+00
2.85E+01	7.48E+01	2.53E-01	-2.20E-02	0.00E+00
2.85E+01	7.48E+01	9.97E-02	-2.69E-02	0.00E+00
2.85E+01	7.48E+01	1.46E-01	-1.10E-02	0.00E+00
2.86E+01	7.48E+01	-5.32E-02	-1.71E-02	0.00E+00
2.86E+01	7.49E+01	1.30E-01	-4.03E-02	0.00E+00
2.86E+01	7.48E+01	2.22E-01	-9.77E-03	0.00E+00
2.86E+01	7.48E+01	8.44E-02	-1.46E-02	0.00E+00
2.86E+01	7.47E+01	1.30E-01	-1.71E-02	0.00E+00
2.87E+01	7.48E+01	1.61E-01	-1.46E-02	0.00E+00
2.87E+01	7.48E+01	1.61E-01	-1.22E-02	0.00E+00
2.87E+01	7.47E+01	8.44E-02	-8.54E-03	0.00E+00
2.87E+01	7.47E+01	8.44E-02	-1.34E-02	0.00E+00
2.87E+01	7.47E+01	1.30E-01	-1.95E-02	0.00E+00
2.88E+01	7.48E+01	1.76E-01	-1.22E-02	0.00E+00
2.88E+01	7.49E+01	1.46E-01	-1.46E-02	0.00E+00
2.88E+01	7.47E+01	-5.32E-02	-1.22E-02	0.00E+00
2.88E+01	7.47E+01	3.85E-02	-1.46E-02	0.00E+00
2.88E+01	7.49E+01	7.95E-03	-2.20E-02	0.00E+00
2.89E+01	7.47E+01	4.36E-01	-1.83E-02	0.00E+00
2.89E+01	7.48E+01	9.97E-02	-6.10E-03	0.00E+00
2.89E+01	7.47E+01	-5.32E-02	-1.83E-02	0.00E+00
2.89E+01	7.48E+01	-1.14E-01	-1.95E-02	0.00E+00
2.89E+01	7.48E+01	6.91E-02	7.32E-03	0.00E+00
2.90E+01	7.47E+01	5.38E-02	-1.59E-02	0.00E+00
2.90E+01	7.47E+01	3.75E-01	-7.32E-03	0.00E+00
2.90E+01	7.47E+01	1.15E-01	-1.95E-02	0.00E+00
2.90E+01	7.48E+01	6.91E-02	-2.56E-02	0.00E+00
2.90E+01	7.48E+01	2.68E-01	-1.22E-02	0.00E+00
2.91E+01	7.47E+01	2.53E-01	1.46E-02	0.00E+00
2.91E+01	7.48E+01	5.38E-02	-1.22E-02	0.00E+00
2.91E+01	7.47E+01	6.91E-02	-9.77E-03	0.00E+00
2.91E+01	7.48E+01	9.97E-02	-1.95E-02	0.00E+00
2.91E+01	7.48E+01	1.91E-01	-1.22E-02	0.00E+00

2.92E+01	7.46E+01	1.30E-01	-1.22E-02	0.00E+00
2.92E+01	7.47E+01	1.61E-01	-9.77E-03	0.00E+00
2.92E+01	7.48E+01	1.61E-01	-1.71E-02	0.00E+00
2.92E+01	7.47E+01	3.85E-02	-7.32E-03	0.00E+00
2.92E+01	7.49E+01	3.90E-01	-1.46E-02	0.00E+00
2.93E+01	7.48E+01	3.85E-02	-3.42E-02	0.00E+00
2.93E+01	7.49E+01	8.44E-02	-2.08E-02	0.00E+00
2.93E+01	7.48E+01	3.85E-02	-2.56E-02	0.00E+00
2.93E+01	7.48E+01	1.15E-01	-5.37E-02	0.00E+00
2.93E+01	7.49E+01	1.30E-01	-1.10E-02	0.00E+00
2.94E+01	7.48E+01	-8.38E-02	9.77E-03	0.00E+00
2.94E+01	7.48E+01	3.85E-02	-3.66E-03	0.00E+00
2.94E+01	7.48E+01	3.85E-02	-1.22E-02	0.00E+00
2.94E+01	7.48E+01	2.07E-01	-2.44E-02	0.00E+00
2.94E+01	7.47E+01	1.30E-01	-1.83E-02	0.00E+00
2.95E+01	7.48E+01	3.85E-02	-2.32E-02	0.00E+00
2.95E+01	7.48E+01	9.97E-02	-2.08E-02	0.00E+00
2.95E+01	7.49E+01	9.97E-02	-1.71E-02	0.00E+00
2.95E+01	7.49E+01	2.22E-01	-1.59E-02	0.00E+00
2.95E+01	7.48E+01	8.44E-02	-1.22E-02	0.00E+00
2.96E+01	7.49E+01	6.91E-02	-2.44E-02	0.00E+00
2.96E+01	7.48E+01	-6.85E-02	-2.32E-02	0.00E+00
2.96E+01	7.48E+01	7.95E-03	-3.05E-02	0.00E+00
2.96E+01	7.49E+01	6.91E-02	-1.46E-02	0.00E+00
2.96E+01	7.48E+01	-9.91E-02	-2.56E-02	0.00E+00
2.97E+01	7.48E+01	2.32E-02	-2.69E-02	0.00E+00
2.97E+01	7.48E+01	3.85E-02	-2.93E-02	0.00E+00
2.97E+01	7.48E+01	-3.79E-02	-2.32E-02	0.00E+00
2.97E+01	7.48E+01	6.91E-02	-3.66E-02	0.00E+00
2.97E+01	7.48E+01	-2.26E-02	-1.46E-02	0.00E+00
2.98E+01	7.47E+01	3.85E-02	4.88E-03	0.00E+00
2.98E+01	7.47E+01	3.85E-02	-1.22E-02	0.00E+00
2.98E+01	7.47E+01	1.30E-01	-9.77E-03	0.00E+00
2.98E+01	7.48E+01	-5.32E-02	-2.20E-02	0.00E+00
2.98E+01	7.47E+01	-5.32E-02	-9.77E-03	0.00E+00
2.99E+01	7.47E+01	-1.14E-01	-8.54E-03	0.00E+00
2.99E+01	7.48E+01	-6.85E-02	-1.95E-02	0.00E+00
2.99E+01	7.48E+01	-2.06E-01	-2.44E-02	0.00E+00
2.99E+01	7.48E+01	7.95E-03	-2.56E-02	0.00E+00
2.99E+01	7.46E+01	1.30E-01	-1.10E-02	0.00E+00
3.00E+01	7.48E+01	-2.26E-02	-4.88E-03	0.00E+00
3.00E+01	7.48E+01	8.44E-02	-3.78E-02	0.00E+00
3.00E+01	7.48E+01	7.95E-03	-9.77E-03	0.00E+00
3.00E+01	7.48E+01	1.30E-01	-1.22E-02	0.00E+00
3.00E+01	7.48E+01	5.38E-02	-1.22E-02	0.00E+00
3.01E+01	7.47E+01	1.30E-01	-1.46E-02	0.00E+00
3.01E+01	7.48E+01	2.32E-02	-1.95E-02	0.00E+00

3.01E+01	7.47E+01	-6.85E-02	-1.95E-02	0.00E+00
3.01E+01	7.48E+01	1.91E-01	-1.46E-02	0.00E+00
3.01E+01	7.47E+01	-5.32E-02	-1.22E-02	0.00E+00
3.02E+01	7.48E+01	3.85E-02	-2.69E-02	0.00E+00
3.02E+01	7.48E+01	5.38E-02	-1.95E-02	0.00E+00

Current File Ody1128A.csv
 Original File C:\Data\9142OdysseyLiftGate\Ody1128.dx3
 File descrip 9142 2005 Honda Odyssey LiftGate liftgate - Esser

Project ID: Project ID
 File ID: ORIGINAL
 Test Date: #####
 Test Time: 10:53.0
 Current Da #####
 Current Tin 15:02:03
 Number of 4
 Number of 1280
 Independe 0.02
 Independe -3.52

Time Sec	Angle Degrees	Force lbs	LiftgateMo volts	StrutCalDisplacement inches
-3.52E+00	7.48E+01	-2.52E-01	-1.83E-02	0.00E+00
-3.50E+00	7.49E+01	-1.76E-01	-2.44E-02	0.00E+00
-3.48E+00	7.49E+01	-2.67E-01	-2.20E-02	0.00E+00
-3.46E+00	7.47E+01	-4.20E-01	1.22E-03	0.00E+00
-3.44E+00	7.48E+01	-4.81E-01	-1.83E-02	0.00E+00
-3.42E+00	7.49E+01	-4.20E-01	-2.81E-02	0.00E+00
-3.40E+00	7.48E+01	-2.67E-01	-1.95E-02	0.00E+00
-3.38E+00	7.49E+01	-3.59E-01	-4.64E-02	0.00E+00
-3.36E+00	7.48E+01	-4.20E-01	-7.32E-03	0.00E+00
-3.34E+00	7.49E+01	-4.66E-01	-2.44E-02	0.00E+00
-3.32E+00	7.48E+01	-2.21E-01	-1.83E-02	0.00E+00
-3.30E+00	7.49E+01	-2.06E-01	-9.77E-03	0.00E+00
-3.28E+00	7.48E+01	-3.28E-01	-2.44E-03	0.00E+00
-3.26E+00	7.49E+01	-4.51E-01	-1.71E-02	0.00E+00
-3.24E+00	7.48E+01	-2.98E-01	-2.08E-02	0.00E+00
-3.22E+00	7.49E+01	-5.42E-01	-2.32E-02	0.00E+00
-3.20E+00	7.49E+01	-2.98E-01	-1.46E-02	0.00E+00
-3.18E+00	7.49E+01	-1.76E-01	-2.44E-02	0.00E+00
-3.16E+00	7.48E+01	-8.38E-02	-9.77E-03	0.00E+00
-3.14E+00	7.48E+01	-3.59E-01	-1.71E-02	0.00E+00
-3.12E+00	7.47E+01	-4.20E-01	-2.44E-02	0.00E+00
-3.10E+00	7.48E+01	-1.76E-01	-1.83E-02	0.00E+00
-3.08E+00	7.48E+01	-5.42E-01	-1.95E-02	0.00E+00
-3.06E+00	7.48E+01	-1.76E-01	-1.34E-02	0.00E+00
-3.04E+00	7.46E+01	-4.81E-01	-1.34E-02	0.00E+00
-3.02E+00	7.48E+01	-4.66E-01	-1.83E-02	0.00E+00
-3.00E+00	7.48E+01	-2.37E-01	-2.32E-02	0.00E+00
-2.98E+00	7.48E+01	-2.98E-01	-1.71E-02	0.00E+00
-2.96E+00	7.49E+01	-2.06E-01	-1.59E-02	0.00E+00
-2.94E+00	7.49E+01	-5.58E-01	-2.44E-02	0.00E+00
-2.92E+00	7.48E+01	-3.90E-01	-1.46E-02	0.00E+00

-2.90E+00	7.47E+01	-2.52E-01	-9.77E-03	0.00E+00
-2.88E+00	7.47E+01	-3.28E-01	-1.59E-02	0.00E+00
-2.86E+00	7.47E+01	-2.67E-01	-2.44E-03	0.00E+00
-2.84E+00	7.47E+01	-4.81E-01	-4.88E-03	0.00E+00
-2.82E+00	7.48E+01	-5.27E-01	-1.46E-02	0.00E+00
-2.80E+00	7.50E+01	-1.76E-01	-1.46E-02	0.00E+00
-2.78E+00	7.49E+01	-9.91E-02	-2.69E-02	0.00E+00
-2.76E+00	7.49E+01	-2.52E-01	-1.10E-02	0.00E+00
-2.74E+00	7.48E+01	-4.51E-01	-1.22E-02	0.00E+00
-2.72E+00	7.49E+01	-4.81E-01	-1.59E-02	0.00E+00
-2.70E+00	7.49E+01	-2.67E-01	-2.69E-02	0.00E+00
-2.68E+00	7.49E+01	-2.26E-02	-1.22E-02	0.00E+00
-2.66E+00	7.48E+01	-8.38E-02	-9.77E-03	0.00E+00
-2.64E+00	7.47E+01	-4.51E-01	-1.46E-02	0.00E+00
-2.62E+00	7.48E+01	-4.51E-01	-8.54E-03	0.00E+00
-2.60E+00	7.48E+01	-3.28E-01	-3.17E-02	0.00E+00
-2.58E+00	7.48E+01	-2.21E-01	-1.95E-02	0.00E+00
-2.56E+00	7.46E+01	-2.37E-01	-1.46E-02	0.00E+00
-2.54E+00	7.48E+01	-3.13E-01	-9.77E-03	0.00E+00
-2.52E+00	7.48E+01	-3.59E-01	-2.32E-02	0.00E+00
-2.50E+00	7.48E+01	-2.37E-01	-1.83E-02	0.00E+00
-2.48E+00	7.49E+01	-1.14E-01	-7.32E-03	0.00E+00
-2.46E+00	7.48E+01	-2.21E-01	-1.95E-02	0.00E+00
-2.44E+00	7.48E+01	-3.28E-01	-2.20E-02	0.00E+00
-2.42E+00	7.49E+01	-4.66E-01	-1.59E-02	0.00E+00
-2.40E+00	7.50E+01	-2.98E-01	-1.22E-02	0.00E+00
-2.38E+00	7.49E+01	-8.38E-02	-1.95E-02	0.00E+00
-2.36E+00	7.49E+01	-1.45E-01	-2.44E-02	0.00E+00
-2.34E+00	7.49E+01	-3.28E-01	-1.71E-02	0.00E+00
-2.32E+00	7.50E+01	-3.74E-01	-2.69E-02	0.00E+00
-2.30E+00	7.49E+01	-2.98E-01	-2.56E-02	0.00E+00
-2.28E+00	7.48E+01	-1.45E-01	-1.46E-02	0.00E+00
-2.26E+00	7.49E+01	-8.38E-02	-1.71E-02	0.00E+00
-2.24E+00	7.47E+01	-3.13E-01	-1.95E-02	0.00E+00
-2.22E+00	7.49E+01	-3.44E-01	-2.69E-02	0.00E+00
-2.20E+00	7.48E+01	-2.67E-01	-7.32E-03	0.00E+00
-2.18E+00	7.49E+01	-2.98E-01	-1.71E-02	0.00E+00
-2.16E+00	7.49E+01	-2.98E-01	-2.44E-02	0.00E+00
-2.14E+00	7.47E+01	-2.06E-01	-1.95E-02	0.00E+00
-2.12E+00	7.50E+01	-4.35E-01	-2.93E-02	0.00E+00
-2.10E+00	7.48E+01	-3.90E-01	-1.71E-02	0.00E+00
-2.08E+00	7.50E+01	-2.37E-01	-1.95E-02	0.00E+00
-2.06E+00	7.47E+01	-1.76E-01	-2.93E-02	0.00E+00
-2.04E+00	7.49E+01	-2.67E-01	-2.32E-02	0.00E+00
-2.02E+00	7.48E+01	-2.67E-01	-1.22E-02	0.00E+00
-2.00E+00	7.49E+01	-3.59E-01	-2.44E-02	0.00E+00
-1.98E+00	7.47E+01	-2.21E-01	-1.22E-02	0.00E+00

-1.96E+00	7.48E+01	-1.45E-01	-2.32E-02	0.00E+00
-1.94E+00	7.49E+01	-1.14E-01	-2.20E-02	0.00E+00
-1.92E+00	7.48E+01	-3.44E-01	-2.20E-02	0.00E+00
-1.90E+00	7.47E+01	-4.51E-01	-1.34E-02	0.00E+00
-1.88E+00	7.48E+01	-3.90E-01	-3.42E-02	0.00E+00
-1.86E+00	7.48E+01	-3.28E-01	-2.44E-02	0.00E+00
-1.84E+00	7.47E+01	-1.14E-01	-1.83E-02	0.00E+00
-1.82E+00	7.50E+01	-3.74E-01	-1.83E-02	0.00E+00
-1.80E+00	7.49E+01	-4.51E-01	-9.77E-03	0.00E+00
-1.78E+00	7.48E+01	-3.90E-01	-1.95E-02	0.00E+00
-1.76E+00	7.50E+01	-4.51E-01	-2.93E-02	0.00E+00
-1.74E+00	7.48E+01	-2.37E-01	-1.95E-02	0.00E+00
-1.72E+00	7.48E+01	-1.60E-01	-1.22E-02	0.00E+00
-1.70E+00	7.48E+01	-6.34E-01	-1.71E-02	0.00E+00
-1.68E+00	7.49E+01	-3.90E-01	-1.83E-02	0.00E+00
-1.66E+00	7.49E+01	-2.98E-01	-2.93E-02	0.00E+00
-1.64E+00	7.49E+01	-5.12E-01	-1.46E-02	0.00E+00
-1.62E+00	7.49E+01	-2.98E-01	-1.46E-02	0.00E+00
-1.60E+00	7.47E+01	-6.04E-01	-2.32E-02	0.00E+00
-1.58E+00	7.49E+01	-4.51E-01	-2.93E-02	0.00E+00
-1.56E+00	7.48E+01	-2.06E-01	-1.71E-02	0.00E+00
-1.54E+00	7.48E+01	-2.98E-01	-1.71E-02	0.00E+00
-1.52E+00	7.48E+01	-5.12E-01	-3.54E-02	0.00E+00
-1.50E+00	7.49E+01	-4.97E-01	-2.69E-02	0.00E+00
-1.48E+00	7.49E+01	-1.14E-01	-1.71E-02	0.00E+00
-1.46E+00	7.48E+01	-3.28E-01	-4.88E-03	0.00E+00
-1.44E+00	7.49E+01	-2.37E-01	-3.66E-02	0.00E+00
-1.42E+00	7.49E+01	-3.90E-01	-1.10E-02	0.00E+00
-1.40E+00	7.49E+01	-7.26E-01	-2.93E-02	0.00E+00
-1.38E+00	7.49E+01	-1.45E-01	-4.52E-02	0.00E+00
-1.36E+00	7.49E+01	-1.14E-01	-3.66E-02	0.00E+00
-1.34E+00	7.48E+01	-2.06E-01	-1.71E-02	0.00E+00
-1.32E+00	7.48E+01	-5.12E-01	-7.32E-03	0.00E+00
-1.30E+00	7.48E+01	-4.81E-01	-9.77E-03	0.00E+00
-1.28E+00	7.48E+01	-3.59E-01	-4.88E-03	0.00E+00
-1.26E+00	7.48E+01	-2.37E-01	-2.44E-02	0.00E+00
-1.24E+00	7.48E+01	-4.20E-01	-2.20E-02	0.00E+00
-1.22E+00	7.49E+01	-4.05E-01	-2.93E-02	0.00E+00
-1.20E+00	7.49E+01	-4.51E-01	-2.44E-03	0.00E+00
-1.18E+00	7.48E+01	-4.81E-01	-7.32E-03	0.00E+00
-1.16E+00	7.48E+01	-1.45E-01	-1.46E-02	0.00E+00
-1.14E+00	7.48E+01	-1.14E-01	-3.78E-02	0.00E+00
-1.12E+00	7.48E+01	-2.67E-01	-1.59E-02	0.00E+00
-1.10E+00	7.48E+01	-4.51E-01	-2.44E-02	0.00E+00
-1.08E+00	7.48E+01	-3.28E-01	-1.22E-02	0.00E+00
-1.06E+00	7.48E+01	-3.28E-01	-1.22E-03	0.00E+00
-1.04E+00	7.48E+01	-2.06E-01	4.88E-03	0.00E+00

-1.02E+00	7.48E+01	-2.67E-01	-1.46E-02	0.00E+00
-1.00E+00	7.48E+01	-4.81E-01	-1.95E-02	0.00E+00
-9.80E-01	7.48E+01	-5.42E-01	-3.78E-02	0.00E+00
-9.60E-01	7.48E+01	-2.52E-01	-2.20E-02	0.00E+00
-9.40E-01	7.48E+01	-2.06E-01	-1.34E-02	0.00E+00
-9.20E-01	7.48E+01	-3.28E-01	-9.77E-03	0.00E+00
-9.00E-01	7.48E+01	-4.20E-01	-1.71E-02	0.00E+00
-8.80E-01	7.47E+01	-4.66E-01	-1.46E-02	0.00E+00
-8.60E-01	7.48E+01	-3.74E-01	-4.88E-03	0.00E+00
-8.40E-01	7.48E+01	-2.21E-01	-6.10E-03	0.00E+00
-8.20E-01	7.48E+01	-3.28E-01	3.66E-03	0.00E+00
-8.00E-01	7.48E+01	-4.51E-01	-1.46E-02	0.00E+00
-7.80E-01	7.49E+01	-4.81E-01	-1.34E-02	0.00E+00
-7.60E-01	7.48E+01	-3.28E-01	-1.95E-02	0.00E+00
-7.40E-01	7.47E+01	-1.76E-01	-9.77E-03	0.00E+00
-7.20E-01	7.49E+01	-2.37E-01	-7.32E-03	0.00E+00
-7.00E-01	7.48E+01	-3.90E-01	-6.10E-03	0.00E+00
-6.80E-01	7.48E+01	-5.42E-01	-9.77E-03	0.00E+00
-6.60E-01	7.48E+01	-2.06E-01	-3.66E-03	0.00E+00
-6.40E-01	7.48E+01	-8.38E-02	-1.10E-02	0.00E+00
-6.20E-01	7.49E+01	-1.60E-01	-1.71E-02	0.00E+00
-6.00E-01	7.49E+01	-3.28E-01	-1.71E-02	0.00E+00
-5.80E-01	7.48E+01	-4.81E-01	-1.22E-02	0.00E+00
-5.60E-01	7.50E+01	-2.83E-01	-1.46E-02	0.00E+00
-5.40E-01	7.48E+01	-2.06E-01	-1.95E-02	0.00E+00
-5.20E-01	7.49E+01	-1.14E-01	-1.95E-02	0.00E+00
-5.00E-01	7.49E+01	-1.45E-01	-2.93E-02	0.00E+00
-4.80E-01	7.55E+01	-3.90E-01	-1.95E-02	0.00E+00
-4.60E-01	7.50E+01	-4.81E-01	-1.59E-02	0.00E+00
-4.40E-01	7.48E+01	-3.28E-01	-1.95E-02	0.00E+00
-4.20E-01	7.50E+01	-2.67E-01	-2.69E-02	0.00E+00
-4.00E-01	7.48E+01	-2.83E-01	-1.46E-02	0.00E+00
-3.80E-01	7.48E+01	-3.74E-01	-1.95E-02	0.00E+00
-3.60E-01	7.48E+01	-2.83E-01	-2.20E-02	0.00E+00
-3.40E-01	7.49E+01	-2.26E-02	-2.81E-02	0.00E+00
-3.20E-01	7.47E+01	-1.14E-01	-1.59E-02	0.00E+00
-3.00E-01	7.49E+01	-1.14E-01	-1.95E-02	0.00E+00
-2.80E-01	7.48E+01	-4.97E-01	-1.95E-02	0.00E+00
-2.60E-01	7.46E+01	-4.20E-01	-1.22E-02	0.00E+00
-2.40E-01	7.48E+01	-5.27E-01	-2.93E-02	0.00E+00
-2.20E-01	7.49E+01	-3.28E-01	-2.20E-02	0.00E+00
-2.00E-01	7.48E+01	-3.13E-01	-1.71E-02	0.00E+00
-1.80E-01	7.49E+01	-4.81E-01	-2.93E-02	0.00E+00
-1.60E-01	7.48E+01	-3.28E-01	-2.56E-02	0.00E+00
-1.40E-01	7.48E+01	-6.85E-02	-1.22E-02	0.00E+00
-1.20E-01	7.48E+01	-2.26E-02	-1.10E-02	0.00E+00
-1.00E-01	7.48E+01	-2.37E-01	-2.20E-02	0.00E+00

-8.00E-02	7.47E+01	-6.34E-01	-1.46E-02	0.00E+00
-6.00E-02	7.46E+01	-5.42E-01	-9.77E-03	0.00E+00
-4.00E-02	7.42E+01	-3.28E-01	-3.42E-02	0.00E+00
-2.00E-02	7.43E+01	-9.91E-02	-1.71E-02	0.00E+00
0.00E+00	7.42E+01	-2.37E-01	-7.32E-03	0.00E+00
2.00E-02	7.42E+01	-4.81E-01	-9.77E-03	0.00E+00
4.00E-02	7.41E+01	-5.42E-01	-2.44E-02	0.00E+00
6.00E-02	7.41E+01	-3.59E-01	-2.44E-03	0.00E+00
8.00E-02	7.42E+01	-5.32E-02	-1.71E-02	0.00E+00
1.00E-01	7.37E+01	-3.59E-01	-1.46E-02	0.00E+00
1.20E-01	7.36E+01	-4.20E-01	2.44E-03	0.00E+00
1.40E-01	7.36E+01	-5.12E-01	-3.54E-02	0.00E+00
1.60E-01	7.36E+01	-3.59E-01	-1.46E-02	0.00E+00
1.80E-01	7.33E+01	-2.37E-01	-1.59E-02	0.00E+00
2.00E-01	7.30E+01	-2.37E-01	-3.78E-02	0.00E+00
2.20E-01	7.31E+01	-3.59E-01	-4.64E-02	0.00E+00
2.40E-01	7.31E+01	-3.44E-01	-1.71E-02	0.00E+00
2.60E-01	7.25E+01	-3.59E-01	-1.46E-02	0.00E+00
2.80E-01	7.25E+01	-3.59E-01	-3.66E-02	0.00E+00
3.00E-01	7.25E+01	-2.52E-01	-3.17E-02	0.00E+00
3.20E-01	7.22E+01	-1.14E-01	-1.95E-02	0.00E+00
3.40E-01	7.19E+01	-2.06E-01	-1.83E-02	0.00E+00
3.60E-01	7.19E+01	-3.74E-01	-1.22E-02	0.00E+00
3.80E-01	7.18E+01	-4.97E-01	-1.59E-02	0.00E+00
4.00E-01	7.15E+01	-2.06E-01	-2.69E-02	0.00E+00
4.20E-01	7.14E+01	-1.60E-01	-2.44E-02	0.00E+00
4.40E-01	7.13E+01	-8.38E-02	-2.44E-03	0.00E+00
4.60E-01	7.10E+01	-2.06E-01	-6.10E-03	0.00E+00
4.80E-01	7.10E+01	-4.51E-01	-1.95E-02	0.00E+00
5.00E-01	7.06E+01	-2.98E-01	-1.95E-02	0.00E+00
5.20E-01	7.05E+01	-2.83E-01	-1.10E-02	0.00E+00
5.40E-01	7.07E+01	-4.51E-01	-2.69E-02	0.00E+00
5.60E-01	7.03E+01	3.44E-01	-2.56E-02	0.00E+00
5.80E-01	7.02E+01	-8.38E-02	-9.77E-03	0.00E+00
6.00E-01	7.01E+01	-1.91E-01	-9.77E-03	0.00E+00
6.20E-01	6.99E+01	-2.98E-01	-2.20E-02	0.00E+00
6.40E-01	6.94E+01	-3.59E-01	-4.88E-03	0.00E+00
6.60E-01	6.93E+01	-1.14E-01	-4.27E-02	0.00E+00
6.80E-01	6.93E+01	-2.26E-02	-2.69E-02	0.00E+00
7.00E-01	6.90E+01	-2.67E-01	-2.44E-02	0.00E+00
7.20E-01	6.85E+01	-3.28E-01	-1.22E-02	0.00E+00
7.40E-01	6.87E+01	-3.28E-01	0.00E+00	0.00E+00
7.60E-01	6.84E+01	-2.06E-01	-1.46E-02	0.00E+00
7.80E-01	6.78E+01	-1.76E-01	-1.22E-02	0.00E+00
8.00E-01	6.78E+01	-1.14E-01	0.00E+00	0.00E+00
8.20E-01	6.79E+01	-2.06E-01	-2.08E-02	0.00E+00
8.40E-01	6.73E+01	-2.06E-01	-2.08E-02	0.00E+00

8.60E-01	6.72E+01	-4.05E-01	-1.22E-02	0.00E+00
8.80E-01	6.74E+01	-3.90E-01	-2.69E-02	0.00E+00
9.00E-01	6.68E+01	-2.06E-01	-1.95E-02	0.00E+00
9.20E-01	6.67E+01	7.95E-03	-1.95E-02	0.00E+00
9.40E-01	6.66E+01	-2.26E-02	-7.32E-03	0.00E+00
9.60E-01	6.62E+01	-1.76E-01	-7.32E-03	0.00E+00
9.80E-01	6.61E+01	-9.91E-02	-1.46E-02	0.00E+00
1.00E+00	6.61E+01	-5.12E-01	-1.95E-02	0.00E+00
1.02E+00	6.58E+01	-1.76E-01	-1.83E-02	0.00E+00
1.04E+00	6.55E+01	8.44E-02	-3.17E-02	0.00E+00
1.06E+00	6.55E+01	9.97E-02	-2.32E-02	0.00E+00
1.08E+00	6.53E+01	-8.38E-02	-1.83E-02	0.00E+00
1.10E+00	6.50E+01	-1.45E-01	-2.93E-02	0.00E+00
1.12E+00	6.49E+01	-2.98E-01	7.32E-03	0.00E+00
1.14E+00	6.48E+01	9.97E-02	-1.10E-02	0.00E+00
1.16E+00	6.43E+01	-5.32E-02	-1.46E-02	0.00E+00
1.18E+00	6.43E+01	2.32E-02	7.32E-03	0.00E+00
1.20E+00	6.43E+01	-7.34E-03	-1.95E-02	0.00E+00
1.22E+00	6.37E+01	-2.67E-01	-9.77E-03	0.00E+00
1.24E+00	6.37E+01	-2.67E-01	-1.46E-02	0.00E+00
1.26E+00	6.37E+01	-2.37E-01	7.32E-03	0.00E+00
1.28E+00	6.31E+01	3.85E-02	-1.95E-02	0.00E+00
1.30E+00	6.32E+01	-5.32E-02	-7.32E-03	0.00E+00
1.32E+00	6.31E+01	9.97E-02	-1.71E-02	0.00E+00
1.34E+00	6.26E+01	-2.52E-01	-1.22E-02	0.00E+00
1.36E+00	6.26E+01	-3.28E-01	-2.20E-02	0.00E+00
1.38E+00	6.26E+01	-1.76E-01	-9.77E-03	0.00E+00
1.40E+00	6.20E+01	-3.59E-01	-1.46E-02	0.00E+00
1.42E+00	6.21E+01	-2.83E-01	-1.22E-02	0.00E+00
1.44E+00	6.20E+01	-3.79E-02	-2.56E-02	0.00E+00
1.46E+00	6.14E+01	-1.76E-01	-3.66E-03	0.00E+00
1.48E+00	6.13E+01	-2.21E-01	-7.32E-03	0.00E+00
1.50E+00	6.13E+01	-3.28E-01	-1.22E-02	0.00E+00
1.52E+00	6.09E+01	-3.90E-01	-3.05E-02	0.00E+00
1.54E+00	6.09E+01	-8.38E-02	-1.46E-02	0.00E+00
1.56E+00	6.07E+01	-2.26E-02	-1.22E-02	0.00E+00
1.58E+00	6.04E+01	6.91E-02	0.00E+00	0.00E+00
1.60E+00	6.03E+01	-2.26E-02	-1.95E-02	0.00E+00
1.62E+00	6.02E+01	-2.26E-02	-1.71E-02	0.00E+00
1.64E+00	5.96E+01	-2.26E-02	-1.46E-02	0.00E+00
1.66E+00	5.97E+01	-2.37E-01	0.00E+00	0.00E+00
1.68E+00	5.96E+01	-2.37E-01	-3.17E-02	0.00E+00
1.70E+00	5.91E+01	-2.26E-02	-1.46E-02	0.00E+00
1.72E+00	5.91E+01	3.85E-02	-2.44E-02	0.00E+00
1.74E+00	5.91E+01	-2.26E-02	-3.17E-02	0.00E+00
1.76E+00	5.86E+01	-1.76E-01	-3.05E-02	0.00E+00
1.78E+00	5.86E+01	-2.52E-01	-1.71E-02	0.00E+00

1.80E+00	5.85E+01	-3.59E-01	-1.34E-02	0.00E+00
1.82E+00	5.79E+01	-3.90E-01	-7.32E-03	0.00E+00
1.84E+00	5.78E+01	-3.28E-01	-4.88E-03	0.00E+00
1.86E+00	5.78E+01	-2.06E-01	-1.46E-02	0.00E+00
1.88E+00	5.74E+01	1.30E-01	-1.46E-02	0.00E+00
1.90E+00	5.73E+01	8.44E-02	-1.10E-02	0.00E+00
1.92E+00	5.73E+01	7.95E-03	-1.22E-02	0.00E+00
1.94E+00	5.67E+01	-2.98E-01	-9.77E-03	0.00E+00
1.96E+00	5.69E+01	-2.52E-01	-1.46E-02	0.00E+00
1.98E+00	5.66E+01	-3.59E-01	-1.95E-02	0.00E+00
2.00E+00	5.62E+01	-6.34E-01	-1.22E-02	0.00E+00
2.02E+00	5.61E+01	-4.35E-01	-8.54E-03	0.00E+00
2.04E+00	5.57E+01	-2.37E-01	-1.83E-02	0.00E+00
2.06E+00	5.57E+01	4.97E-01	-1.34E-02	0.00E+00
2.08E+00	5.56E+01	-1.14E-01	-1.22E-02	0.00E+00
2.10E+00	5.50E+01	-4.81E-01	-1.22E-02	0.00E+00
2.12E+00	5.49E+01	-7.26E-01	-9.77E-03	0.00E+00
2.14E+00	5.51E+01	-2.52E-01	-2.69E-02	0.00E+00
2.16E+00	5.45E+01	1.02E+00	-2.20E-02	0.00E+00
2.18E+00	5.45E+01	3.75E-01	-3.17E-02	0.00E+00
2.20E+00	5.41E+01	-4.81E-01	-4.88E-03	0.00E+00
2.22E+00	5.39E+01	-2.83E-01	-1.34E-02	0.00E+00
2.24E+00	5.39E+01	-9.91E-02	-1.71E-02	0.00E+00
2.26E+00	5.35E+01	-2.06E-01	-3.30E-02	0.00E+00
2.28E+00	5.32E+01	-2.37E-01	-4.88E-03	0.00E+00
2.30E+00	5.32E+01	3.85E-02	-9.77E-03	0.00E+00
2.32E+00	5.27E+01	-5.32E-02	-1.46E-02	0.00E+00
2.34E+00	5.27E+01	1.46E-01	-2.93E-02	0.00E+00
2.36E+00	5.25E+01	-1.30E-01	-1.71E-02	0.00E+00
2.38E+00	5.22E+01	-2.37E-01	-1.46E-02	0.00E+00
2.40E+00	5.21E+01	-2.98E-01	-1.46E-02	0.00E+00
2.42E+00	5.15E+01	-8.38E-02	-4.88E-03	0.00E+00
2.44E+00	5.16E+01	2.32E-02	-2.08E-02	0.00E+00
2.46E+00	5.15E+01	-2.26E-02	-1.95E-02	0.00E+00
2.48E+00	5.10E+01	-9.91E-02	-7.32E-03	0.00E+00
2.50E+00	5.08E+01	-3.90E-01	-1.59E-02	0.00E+00
2.52E+00	5.07E+01	-6.95E-01	-1.83E-02	0.00E+00
2.54E+00	5.04E+01	-1.45E-01	-1.71E-02	0.00E+00
2.56E+00	5.04E+01	9.97E-02	-8.54E-03	0.00E+00
2.58E+00	5.00E+01	7.95E-03	-1.46E-02	0.00E+00
2.60E+00	4.99E+01	-2.26E-02	-1.95E-02	0.00E+00
2.62E+00	4.98E+01	-8.38E-02	-1.71E-02	0.00E+00
2.64E+00	4.93E+01	-2.67E-01	-1.46E-02	0.00E+00
2.66E+00	4.91E+01	-4.05E-01	8.54E-03	0.00E+00
2.68E+00	4.89E+01	1.76E-01	-9.77E-03	0.00E+00
2.70E+00	4.87E+01	-2.06E-01	-1.71E-02	0.00E+00
2.72E+00	4.86E+01	-5.32E-02	-3.42E-02	0.00E+00

2.74E+00	4.80E+01	-1.60E-01	-1.22E-03	0.00E+00
2.76E+00	4.81E+01	-1.45E-01	-1.22E-02	0.00E+00
2.78E+00	4.78E+01	-1.60E-01	-1.71E-02	0.00E+00
2.80E+00	4.74E+01	-3.44E-01	-7.32E-03	0.00E+00
2.82E+00	4.74E+01	-1.76E-01	-1.46E-02	0.00E+00
2.84E+00	4.72E+01	-2.67E-01	-1.83E-02	0.00E+00
2.86E+00	4.71E+01	8.44E-02	-1.46E-02	0.00E+00
2.88E+00	4.67E+01	3.85E-02	-1.46E-02	0.00E+00
2.90E+00	4.63E+01	-1.76E-01	-2.44E-03	0.00E+00
2.92E+00	4.63E+01	-3.28E-01	-1.22E-02	0.00E+00
2.94E+00	4.59E+01	-2.52E-01	-1.46E-02	0.00E+00
2.96E+00	4.60E+01	-2.37E-01	-2.93E-02	0.00E+00
2.98E+00	4.56E+01	-1.45E-01	-1.46E-02	0.00E+00
3.00E+00	4.51E+01	-2.98E-01	-1.10E-02	0.00E+00
3.02E+00	4.50E+01	-1.14E-01	-1.59E-02	0.00E+00
3.04E+00	4.47E+01	-2.26E-02	-2.20E-02	0.00E+00
3.06E+00	4.47E+01	-2.67E-01	-1.95E-02	0.00E+00
3.08E+00	4.43E+01	-2.98E-01	-1.10E-02	0.00E+00
3.10E+00	4.39E+01	-4.05E-01	-1.71E-02	0.00E+00
3.12E+00	4.38E+01	-2.98E-01	-1.71E-02	0.00E+00
3.14E+00	4.35E+01	-1.45E-01	-1.34E-02	0.00E+00
3.16E+00	4.34E+01	-5.32E-02	-3.30E-02	0.00E+00
3.18E+00	4.30E+01	-7.34E-03	-1.83E-02	0.00E+00
3.20E+00	4.29E+01	-1.45E-01	-4.88E-03	0.00E+00
3.22E+00	4.26E+01	-2.06E-01	-1.95E-02	0.00E+00
3.24E+00	4.24E+01	-4.05E-01	-7.32E-03	0.00E+00
3.26E+00	4.21E+01	-2.98E-01	-1.83E-02	0.00E+00
3.28E+00	4.17E+01	-1.76E-01	-1.10E-02	0.00E+00
3.30E+00	4.17E+01	-2.26E-02	-1.22E-02	0.00E+00
3.32E+00	4.14E+01	3.85E-02	-1.34E-02	0.00E+00
3.34E+00	4.11E+01	-2.37E-01	-2.81E-02	0.00E+00
3.36E+00	4.11E+01	7.95E-03	-1.71E-02	0.00E+00
3.38E+00	4.08E+01	-1.14E-01	-1.59E-02	0.00E+00
3.40E+00	4.06E+01	-3.13E-01	-2.08E-02	0.00E+00
3.42E+00	4.04E+01	-2.37E-01	-9.77E-03	0.00E+00
3.44E+00	4.00E+01	-1.76E-01	-1.22E-02	0.00E+00
3.46E+00	3.98E+01	-1.45E-01	7.32E-03	0.00E+00
3.48E+00	3.95E+01	7.95E-03	0.00E+00	0.00E+00
3.50E+00	3.93E+01	-6.85E-02	-1.71E-02	0.00E+00
3.52E+00	3.90E+01	-2.26E-02	-1.59E-02	0.00E+00
3.54E+00	3.88E+01	-1.60E-01	-3.17E-02	0.00E+00
3.56E+00	3.86E+01	-4.20E-01	-9.77E-03	0.00E+00
3.58E+00	3.83E+01	-2.37E-01	-1.71E-02	0.00E+00
3.60E+00	3.80E+01	-2.37E-01	-1.59E-02	0.00E+00
3.62E+00	3.76E+01	7.95E-03	-1.34E-02	0.00E+00
3.64E+00	3.75E+01	-2.26E-02	2.44E-03	0.00E+00
3.66E+00	3.71E+01	-3.13E-01	-1.71E-02	0.00E+00

3.68E+00	3.70E+01	-1.14E-01	-1.71E-02	0.00E+00
3.70E+00	3.65E+01	-2.98E-01	-3.42E-02	0.00E+00
3.72E+00	3.65E+01	-3.13E-01	-1.46E-02	0.00E+00
3.74E+00	3.59E+01	-3.28E-01	-1.95E-02	0.00E+00
3.76E+00	3.58E+01	-4.35E-01	-1.34E-02	0.00E+00
3.78E+00	3.56E+01	6.91E-02	-9.77E-03	0.00E+00
3.80E+00	3.51E+01	-2.06E-01	-1.71E-02	0.00E+00
3.82E+00	3.54E+01	-2.83E-01	-1.95E-02	0.00E+00
3.84E+00	3.48E+01	-3.90E-01	-2.20E-02	0.00E+00
3.86E+00	3.47E+01	-4.05E-01	-1.59E-02	0.00E+00
3.88E+00	3.42E+01	-2.98E-01	-2.20E-02	0.00E+00
3.90E+00	3.41E+01	-3.28E-01	-2.93E-02	0.00E+00
3.92E+00	3.36E+01	-1.45E-01	-1.22E-02	0.00E+00
3.94E+00	3.36E+01	-1.14E-01	-1.22E-02	0.00E+00
3.96E+00	3.30E+01	-1.45E-01	-4.39E-02	0.00E+00
3.98E+00	3.29E+01	-2.37E-01	2.44E-03	0.00E+00
4.00E+00	3.27E+01	-4.51E-01	-3.42E-02	0.00E+00
4.02E+00	3.23E+01	-3.90E-01	-1.71E-02	0.00E+00
4.04E+00	3.19E+01	-4.20E-01	-3.66E-02	0.00E+00
4.06E+00	3.16E+01	-2.67E-01	-1.71E-02	0.00E+00
4.08E+00	3.12E+01	-3.79E-02	-2.08E-02	0.00E+00
4.10E+00	3.12E+01	-2.67E-01	-1.46E-02	0.00E+00
4.12E+00	3.07E+01	-5.32E-02	-1.34E-02	0.00E+00
4.14E+00	3.06E+01	-3.59E-01	-1.22E-02	0.00E+00
4.16E+00	3.02E+01	-4.20E-01	-1.71E-02	0.00E+00
4.18E+00	3.00E+01	-3.90E-01	-9.77E-03	0.00E+00
4.20E+00	2.95E+01	-1.76E-01	-1.22E-02	0.00E+00
4.22E+00	2.95E+01	7.95E-03	-1.71E-02	0.00E+00
4.24E+00	2.92E+01	-1.14E-01	-7.32E-03	0.00E+00
4.26E+00	2.89E+01	-6.85E-02	-1.22E-02	0.00E+00
4.28E+00	2.87E+01	-2.37E-01	-1.46E-02	0.00E+00
4.30E+00	2.83E+01	-3.44E-01	-1.83E-02	0.00E+00
4.32E+00	2.82E+01	-4.66E-01	-1.71E-02	0.00E+00
4.34E+00	2.77E+01	-2.52E-01	-1.22E-02	0.00E+00
4.36E+00	2.74E+01	6.91E-02	-1.46E-02	0.00E+00
4.38E+00	2.71E+01	-2.67E-01	-1.59E-02	0.00E+00
4.40E+00	2.67E+01	-7.34E-03	-2.93E-02	0.00E+00
4.42E+00	2.66E+01	-2.21E-01	-9.77E-03	0.00E+00
4.44E+00	2.60E+01	-2.67E-01	-1.10E-02	0.00E+00
4.46E+00	2.55E+01	-2.37E-01	-1.22E-02	0.00E+00
4.48E+00	2.54E+01	-4.51E-01	-1.71E-02	0.00E+00
4.50E+00	2.49E+01	-3.90E-01	-1.95E-02	0.00E+00
4.52E+00	2.49E+01	1.76E-01	-2.20E-02	0.00E+00
4.54E+00	2.44E+01	9.97E-02	-1.46E-02	0.00E+00
4.56E+00	2.43E+01	3.85E-02	-1.83E-02	0.00E+00
4.58E+00	2.40E+01	-1.45E-01	-1.95E-02	0.00E+00
4.60E+00	2.37E+01	-3.59E-01	-2.44E-02	0.00E+00

4.62E+00	2.35E+01	-3.59E-01	-2.20E-02	0.00E+00
4.64E+00	2.31E+01	-3.90E-01	-1.95E-02	0.00E+00
4.66E+00	2.29E+01	-3.28E-01	-1.10E-02	0.00E+00
4.68E+00	2.26E+01	-8.38E-02	-2.93E-02	0.00E+00
4.70E+00	2.23E+01	-6.85E-02	-3.54E-02	0.00E+00
4.72E+00	2.20E+01	-5.32E-02	-2.69E-02	0.00E+00
4.74E+00	2.20E+01	-2.98E-01	-2.44E-02	0.00E+00
4.76E+00	2.15E+01	-4.05E-01	-2.81E-02	0.00E+00
4.78E+00	2.13E+01	-3.59E-01	-1.46E-02	0.00E+00
4.80E+00	2.10E+01	-6.04E-01	-1.95E-02	0.00E+00
4.82E+00	2.08E+01	-2.67E-01	-2.69E-02	0.00E+00
4.84E+00	2.02E+01	-8.38E-02	-2.69E-02	0.00E+00
4.86E+00	2.02E+01	-2.26E-02	-1.71E-02	0.00E+00
4.88E+00	1.97E+01	6.91E-02	-2.44E-02	0.00E+00
4.90E+00	1.95E+01	-2.67E-01	-4.52E-02	0.00E+00
4.92E+00	1.91E+01	-3.28E-01	-2.20E-02	0.00E+00
4.94E+00	1.88E+01	-4.20E-01	-2.93E-02	0.00E+00
4.96E+00	1.85E+01	-1.45E-01	-1.95E-02	0.00E+00
4.98E+00	1.82E+01	1.91E-01	-1.59E-02	0.00E+00
5.00E+00	1.78E+01	-8.38E-02	-1.46E-02	0.00E+00
5.02E+00	1.77E+01	-2.26E-02	-3.05E-02	0.00E+00
5.04E+00	1.73E+01	-1.30E-01	-1.83E-02	0.00E+00
5.06E+00	1.71E+01	-2.67E-01	-2.20E-02	0.00E+00
5.08E+00	1.69E+01	-2.37E-01	-1.46E-02	0.00E+00
5.10E+00	1.64E+01	-3.59E-01	-9.77E-03	0.00E+00
5.12E+00	1.62E+01	-3.90E-01	-9.77E-03	0.00E+00
5.14E+00	1.58E+01	-1.45E-01	-1.83E-02	0.00E+00
5.16E+00	1.56E+01	-2.26E-02	-2.56E-02	0.00E+00
5.18E+00	1.53E+01	-2.26E-02	-2.44E-02	0.00E+00
5.20E+00	1.50E+01	-1.76E-01	-1.34E-02	0.00E+00
5.22E+00	1.47E+01	-1.45E-01	-1.83E-02	0.00E+00
5.24E+00	1.45E+01	-2.98E-01	-3.17E-02	0.00E+00
5.26E+00	1.42E+01	-5.42E-01	-2.20E-02	0.00E+00
5.28E+00	1.38E+01	-2.83E-01	0.00E+00	0.00E+00
5.30E+00	1.35E+01	-5.12E-01	-2.20E-02	0.00E+00
5.32E+00	1.32E+01	-1.91E-01	-1.71E-02	0.00E+00
5.34E+00	1.30E+01	-1.76E-01	-3.91E-02	0.00E+00
5.36E+00	1.28E+01	-1.76E-01	-2.81E-02	0.00E+00
5.38E+00	1.24E+01	-8.38E-02	-1.71E-02	0.00E+00
5.40E+00	1.21E+01	-7.26E-01	-1.71E-02	0.00E+00
5.42E+00	1.18E+01	-3.28E-01	-1.83E-02	0.00E+00
5.44E+00	1.15E+01	-4.51E-01	-1.71E-02	0.00E+00
5.46E+00	1.13E+01	-4.81E-01	-2.08E-02	0.00E+00
5.48E+00	1.08E+01	-2.06E-01	-1.95E-02	0.00E+00
5.50E+00	1.09E+01	-1.30E-01	-1.71E-02	0.00E+00
5.52E+00	1.02E+01	-1.30E-01	-8.54E-03	0.00E+00
5.54E+00	1.03E+01	-2.67E-01	-1.22E-02	0.00E+00

5.56E+00	9.39E+00	-4.51E-01	-1.34E-02	0.00E+00
5.58E+00	9.52E+00	-4.35E-01	-1.34E-02	0.00E+00
5.60E+00	8.84E+00	-3.59E-01	0.00E+00	0.00E+00
5.62E+00	8.88E+00	-2.37E-01	-2.56E-02	0.00E+00
5.64E+00	8.30E+00	-1.14E-01	-9.77E-03	0.00E+00
5.66E+00	8.40E+00	-2.26E-02	-1.71E-02	0.00E+00
5.68E+00	7.77E+00	-8.38E-02	-3.91E-02	0.00E+00
5.70E+00	7.81E+00	-1.60E-01	-1.22E-02	0.00E+00
5.72E+00	7.08E+00	-4.35E-01	-4.88E-03	0.00E+00
5.74E+00	7.20E+00	-5.73E-01	-1.46E-02	0.00E+00
5.76E+00	6.65E+00	-3.74E-01	0.00E+00	0.00E+00
5.78E+00	6.24E+00	-1.45E-01	-1.71E-02	0.00E+00
5.80E+00	6.84E+00	-3.79E-02	-3.66E-03	0.00E+00
5.82E+00	6.23E+00	-3.59E-01	-1.71E-02	0.00E+00
5.84E+00	5.92E+00	9.97E-02	-3.17E-02	0.00E+00
5.86E+00	5.80E+00	-2.06E-01	-1.95E-02	0.00E+00
5.88E+00	5.71E+00	-2.37E-01	-6.10E-03	0.00E+00
5.90E+00	5.78E+00	-2.37E-01	-1.34E-02	0.00E+00
5.92E+00	5.77E+00	-2.98E-01	-1.83E-02	0.00E+00
5.94E+00	5.80E+00	-2.98E-01	-1.71E-02	0.00E+00
5.96E+00	5.83E+00	-3.13E-01	-1.71E-02	0.00E+00
5.98E+00	5.71E+00	-1.91E-01	-2.44E-03	0.00E+00
6.00E+00	5.69E+00	-2.37E-01	-7.32E-03	0.00E+00
6.02E+00	5.81E+00	-6.85E-02	-1.71E-02	0.00E+00
6.04E+00	5.80E+00	-1.45E-01	-1.22E-02	0.00E+00
6.06E+00	5.68E+00	-2.21E-01	-1.95E-02	0.00E+00
6.08E+00	5.99E+00	-2.98E-01	-1.22E-02	0.00E+00
6.10E+00	6.22E+00	-4.51E-01	-1.71E-02	0.00E+00
6.12E+00	6.32E+00	-3.28E-01	-1.46E-02	0.00E+00
6.14E+00	6.45E+00	-6.85E-02	-2.81E-02	0.00E+00
6.16E+00	6.32E+00	1.30E-01	-2.44E-02	0.00E+00
6.18E+00	6.34E+00	6.91E-02	-2.20E-02	0.00E+00
6.20E+00	6.32E+00	-1.14E-01	-1.83E-02	0.00E+00
6.22E+00	6.38E+00	-4.81E-01	-3.42E-02	0.00E+00
6.24E+00	6.87E+00	-2.98E-01	-1.95E-02	0.00E+00
6.26E+00	6.92E+00	-4.81E-01	-2.44E-02	0.00E+00
6.28E+00	6.91E+00	-1.14E-01	-1.22E-03	0.00E+00
6.30E+00	6.79E+00	-2.37E-01	-1.46E-02	0.00E+00
6.32E+00	6.91E+00	-3.90E-01	-2.32E-02	0.00E+00
6.34E+00	6.87E+00	-1.45E-01	-2.20E-02	0.00E+00
6.36E+00	7.26E+00	-2.06E-01	-2.44E-02	0.00E+00
6.38E+00	7.46E+00	-3.90E-01	-1.10E-02	0.00E+00
6.40E+00	7.46E+00	-7.87E-01	-1.71E-02	0.00E+00
6.42E+00	7.43E+00	-7.72E-01	-1.46E-02	0.00E+00
6.44E+00	7.44E+00	-3.74E-01	-1.71E-02	0.00E+00
6.46E+00	7.58E+00	-3.79E-02	-2.20E-02	0.00E+00
6.48E+00	7.89E+00	1.46E-01	-1.71E-02	0.00E+00

6.50E+00	8.02E+00	-1.45E-01	-1.46E-02	0.00E+00
6.52E+00	8.01E+00	-3.90E-01	-9.77E-03	0.00E+00
6.54E+00	8.09E+00	-3.59E-01	-1.46E-02	0.00E+00
6.56E+00	7.97E+00	-7.26E-01	-1.10E-02	0.00E+00
6.58E+00	8.05E+00	-2.37E-01	-1.83E-02	0.00E+00
6.60E+00	8.54E+00	-3.79E-02	-1.22E-02	0.00E+00
6.62E+00	8.72E+00	6.91E-02	-4.88E-03	0.00E+00
6.64E+00	8.55E+00	-1.45E-01	-1.22E-02	0.00E+00
6.66E+00	8.61E+00	-2.06E-01	-1.95E-02	0.00E+00
6.68E+00	8.61E+00	-4.20E-01	-1.95E-02	0.00E+00
6.70E+00	8.83E+00	-3.44E-01	-1.95E-02	0.00E+00
6.72E+00	9.12E+00	-4.51E-01	7.32E-03	0.00E+00
6.74E+00	9.19E+00	-3.44E-01	-1.95E-02	0.00E+00
6.76E+00	9.17E+00	-2.06E-01	-1.34E-02	0.00E+00
6.78E+00	9.23E+00	-8.38E-02	-4.64E-02	0.00E+00
6.80E+00	9.29E+00	-4.51E-01	-6.10E-03	0.00E+00
6.82E+00	9.75E+00	-5.58E-01	-2.08E-02	0.00E+00
6.84E+00	9.82E+00	-7.26E-01	-1.95E-02	0.00E+00
6.86E+00	9.82E+00	-2.06E-01	-3.05E-02	0.00E+00
6.88E+00	9.79E+00	6.81E-01	-3.42E-02	0.00E+00
6.90E+00	9.86E+00	3.90E-01	-3.17E-02	0.00E+00
6.92E+00	1.04E+01	-8.38E-02	-1.46E-02	0.00E+00
6.94E+00	1.04E+01	-5.42E-01	8.54E-03	0.00E+00
6.96E+00	1.03E+01	-6.95E-01	-3.66E-02	0.00E+00
6.98E+00	1.04E+01	-7.87E-01	-1.22E-02	0.00E+00
7.00E+00	1.07E+01	-6.19E-01	-2.44E-02	0.00E+00
7.02E+00	1.09E+01	4.05E-01	-3.78E-02	0.00E+00
7.04E+00	1.09E+01	4.05E-01	-2.69E-02	0.00E+00
7.06E+00	1.10E+01	-5.73E-01	-1.71E-02	0.00E+00
7.08E+00	1.12E+01	-4.66E-01	-3.17E-02	0.00E+00
7.10E+00	1.15E+01	1.15E-01	-2.69E-02	0.00E+00
7.12E+00	1.16E+01	-4.51E-01	-3.17E-02	0.00E+00
7.14E+00	1.15E+01	-4.20E-01	-2.20E-02	0.00E+00
7.16E+00	1.15E+01	2.83E-01	-1.22E-02	0.00E+00
7.18E+00	1.15E+01	-4.35E-01	-1.95E-02	0.00E+00
7.20E+00	1.20E+01	-5.32E-02	-1.46E-02	0.00E+00
7.22E+00	1.21E+01	-4.20E-01	-2.32E-02	0.00E+00
7.24E+00	1.20E+01	-2.06E-01	-1.46E-02	0.00E+00
7.26E+00	1.21E+01	-8.18E-01	-2.44E-02	0.00E+00
7.28E+00	1.23E+01	-1.76E-01	-1.95E-02	0.00E+00
7.30E+00	1.23E+01	-8.38E-02	-1.71E-02	0.00E+00
7.32E+00	1.26E+01	1.91E-01	-1.46E-02	0.00E+00
7.34E+00	1.26E+01	-8.38E-02	-1.95E-02	0.00E+00
7.36E+00	1.28E+01	-3.90E-01	-2.44E-02	0.00E+00
7.38E+00	1.27E+01	-4.20E-01	-1.34E-02	0.00E+00
7.40E+00	1.29E+01	-5.88E-01	-2.08E-02	0.00E+00
7.42E+00	1.32E+01	-2.26E-02	-1.34E-02	0.00E+00

7.44E+00	1.31E+01	-2.98E-01	-2.20E-02	0.00E+00
7.46E+00	1.34E+01	-2.98E-01	-2.93E-02	0.00E+00
7.48E+00	1.32E+01	-3.28E-01	-1.46E-02	0.00E+00
7.50E+00	1.33E+01	-4.51E-01	-1.46E-02	0.00E+00
7.52E+00	1.39E+01	-5.12E-01	-1.59E-02	0.00E+00
7.54E+00	1.39E+01	-1.60E-01	-3.42E-02	0.00E+00
7.56E+00	1.38E+01	-1.45E-01	-3.66E-02	0.00E+00
7.58E+00	1.39E+01	-1.60E-01	-1.71E-02	0.00E+00
7.60E+00	1.38E+01	-3.74E-01	-1.59E-02	0.00E+00
7.62E+00	1.44E+01	-5.12E-01	-6.10E-03	0.00E+00
7.64E+00	1.45E+01	-4.20E-01	-9.77E-03	0.00E+00
7.66E+00	1.44E+01	-2.98E-01	-9.77E-03	0.00E+00
7.68E+00	1.44E+01	-8.38E-02	-1.34E-02	0.00E+00
7.70E+00	1.45E+01	-5.32E-02	-4.39E-02	0.00E+00
7.72E+00	1.50E+01	-2.21E-01	2.44E-03	0.00E+00
7.74E+00	1.50E+01	-5.73E-01	-1.95E-02	0.00E+00
7.76E+00	1.50E+01	-2.98E-01	-1.46E-02	0.00E+00
7.78E+00	1.50E+01	-4.51E-01	6.10E-03	0.00E+00
7.80E+00	1.51E+01	-4.05E-01	-2.81E-02	0.00E+00
7.82E+00	1.55E+01	-5.42E-01	-1.10E-02	0.00E+00
7.84E+00	1.55E+01	1.30E-01	-1.46E-02	0.00E+00
7.86E+00	1.56E+01	-1.76E-01	-1.46E-02	0.00E+00
7.88E+00	1.57E+01	-2.67E-01	-7.32E-03	0.00E+00
7.90E+00	1.57E+01	-8.38E-02	-1.22E-02	0.00E+00
7.92E+00	1.61E+01	-5.27E-01	-1.71E-02	0.00E+00
7.94E+00	1.61E+01	7.95E-03	-1.22E-02	0.00E+00
7.96E+00	1.60E+01	-1.45E-01	-2.20E-02	0.00E+00
7.98E+00	1.61E+01	-1.14E-01	-4.88E-03	0.00E+00
8.00E+00	1.65E+01	-4.05E-01	-1.22E-02	0.00E+00
8.02E+00	1.67E+01	-2.21E-01	-1.71E-02	0.00E+00
8.04E+00	1.66E+01	-2.06E-01	-1.95E-02	0.00E+00
8.06E+00	1.67E+01	3.85E-02	-7.32E-03	0.00E+00
8.08E+00	1.67E+01	-1.60E-01	-1.22E-02	0.00E+00
8.10E+00	1.73E+01	-1.76E-01	-1.22E-02	0.00E+00
8.12E+00	1.73E+01	-2.37E-01	-1.71E-02	0.00E+00
8.14E+00	1.72E+01	-3.59E-01	-4.88E-03	0.00E+00
8.16E+00	1.72E+01	-4.20E-01	-7.32E-03	0.00E+00
8.18E+00	1.76E+01	-3.28E-01	-2.20E-02	0.00E+00
8.20E+00	1.79E+01	-2.06E-01	-1.95E-02	0.00E+00
8.22E+00	1.80E+01	-1.45E-01	-1.46E-02	0.00E+00
8.24E+00	1.79E+01	-2.37E-01	-1.46E-02	0.00E+00
8.26E+00	1.79E+01	-4.05E-01	-1.83E-02	0.00E+00
8.28E+00	1.84E+01	-2.67E-01	-6.10E-03	0.00E+00
8.30E+00	1.85E+01	-1.60E-01	-1.95E-02	0.00E+00
8.32E+00	1.84E+01	7.95E-03	-9.77E-03	0.00E+00
8.34E+00	1.84E+01	-2.52E-01	1.83E-02	0.00E+00
8.36E+00	1.88E+01	-2.67E-01	-3.54E-02	0.00E+00

8.38E+00	1.91E+01	-5.88E-01	-1.46E-02	0.00E+00
8.40E+00	1.90E+01	-4.20E-01	-1.34E-02	0.00E+00
8.42E+00	1.90E+01	-1.30E-01	-4.88E-03	0.00E+00
8.44E+00	1.90E+01	-1.14E-01	-7.32E-03	0.00E+00
8.46E+00	1.96E+01	-8.38E-02	-1.46E-02	0.00E+00
8.48E+00	1.97E+01	-1.45E-01	-1.71E-02	0.00E+00
8.50E+00	1.97E+01	-2.67E-01	-1.71E-02	0.00E+00
8.52E+00	1.96E+01	-2.37E-01	0.00E+00	0.00E+00
8.54E+00	2.01E+01	-1.30E-01	-9.77E-03	0.00E+00
8.56E+00	2.04E+01	-1.14E-01	-7.32E-03	0.00E+00
8.58E+00	2.02E+01	-5.32E-02	-2.69E-02	0.00E+00
8.60E+00	2.03E+01	5.38E-02	-1.22E-02	0.00E+00
8.62E+00	2.04E+01	-8.38E-02	-1.46E-02	0.00E+00
8.64E+00	2.08E+01	-4.35E-01	-1.22E-02	0.00E+00
8.66E+00	2.08E+01	-2.98E-01	-2.20E-02	0.00E+00
8.68E+00	2.09E+01	-1.76E-01	-2.44E-02	0.00E+00
8.70E+00	2.09E+01	-9.91E-02	-1.46E-02	0.00E+00
8.72E+00	2.14E+01	-1.14E-01	-3.17E-02	0.00E+00
8.74E+00	2.14E+01	-3.59E-01	-2.20E-02	0.00E+00
8.76E+00	2.14E+01	-2.83E-01	-1.71E-02	0.00E+00
8.78E+00	2.16E+01	-3.90E-01	-1.95E-02	0.00E+00
8.80E+00	2.13E+01	-1.76E-01	-2.20E-02	0.00E+00
8.82E+00	2.20E+01	-1.14E-01	-1.71E-02	0.00E+00
8.84E+00	2.19E+01	-2.06E-01	-2.20E-02	0.00E+00
8.86E+00	2.19E+01	-3.90E-01	-2.32E-02	0.00E+00
8.88E+00	2.19E+01	3.85E-02	-2.93E-02	0.00E+00
8.90E+00	2.20E+01	-1.14E-01	-1.71E-02	0.00E+00
8.92E+00	2.22E+01	-1.14E-01	-6.10E-03	0.00E+00
8.94E+00	2.24E+01	-1.30E-01	7.32E-03	0.00E+00
8.96E+00	2.25E+01	-3.90E-01	-2.20E-02	0.00E+00
8.98E+00	2.26E+01	-3.59E-01	-2.56E-02	0.00E+00
9.00E+00	2.26E+01	-2.98E-01	-3.91E-02	0.00E+00
9.02E+00	2.25E+01	-3.90E-01	-1.46E-02	0.00E+00
9.04E+00	2.30E+01	-3.59E-01	-2.32E-02	0.00E+00
9.06E+00	2.33E+01	-5.32E-02	-2.69E-02	0.00E+00
9.08E+00	2.33E+01	-8.38E-02	-2.69E-02	0.00E+00
9.10E+00	2.32E+01	-5.12E-01	-1.46E-02	0.00E+00
9.12E+00	2.31E+01	-6.95E-01	-1.46E-02	0.00E+00
9.14E+00	2.32E+01	-5.27E-01	-1.95E-02	0.00E+00
9.16E+00	2.37E+01	-2.06E-01	-1.95E-02	0.00E+00
9.18E+00	2.37E+01	-8.38E-02	-2.20E-02	0.00E+00
9.20E+00	2.37E+01	-1.45E-01	-4.03E-02	0.00E+00
9.22E+00	2.38E+01	-3.59E-01	-2.08E-02	0.00E+00
9.24E+00	2.38E+01	-3.59E-01	-2.08E-02	0.00E+00
9.26E+00	2.38E+01	-2.21E-01	-1.46E-02	0.00E+00
9.28E+00	2.43E+01	-2.37E-01	-1.71E-02	0.00E+00
9.30E+00	2.43E+01	-3.90E-01	-2.20E-02	0.00E+00

9.32E+00	2.43E+01	-2.26E-02	-2.69E-02	0.00E+00
9.34E+00	2.43E+01	-1.30E-01	1.34E-02	0.00E+00
9.36E+00	2.43E+01	-2.67E-01	-1.71E-02	0.00E+00
9.38E+00	2.43E+01	-4.51E-01	-1.95E-02	0.00E+00
9.40E+00	2.49E+01	-5.32E-02	-2.44E-02	0.00E+00
9.42E+00	2.49E+01	7.95E-03	-4.15E-02	0.00E+00
9.44E+00	2.49E+01	-2.26E-02	-3.17E-02	0.00E+00
9.46E+00	2.48E+01	-2.83E-01	-1.71E-02	0.00E+00
9.48E+00	2.47E+01	-3.90E-01	-2.20E-02	0.00E+00
9.50E+00	2.49E+01	-2.98E-01	-1.34E-02	0.00E+00
9.52E+00	2.52E+01	-2.52E-01	-2.20E-02	0.00E+00
9.54E+00	2.54E+01	-2.26E-02	-1.46E-02	0.00E+00
9.56E+00	2.55E+01	-1.91E-01	-3.91E-02	0.00E+00
9.58E+00	2.55E+01	-2.06E-01	-1.59E-02	0.00E+00
9.60E+00	2.55E+01	-5.42E-01	-2.93E-02	0.00E+00
9.62E+00	2.55E+01	-4.51E-01	-3.91E-02	0.00E+00
9.64E+00	2.54E+01	-2.21E-01	-1.46E-02	0.00E+00
9.66E+00	2.58E+01	-2.06E-01	-2.44E-02	0.00E+00
9.68E+00	2.61E+01	-1.45E-01	-1.71E-02	0.00E+00
9.70E+00	2.60E+01	-2.67E-01	-1.71E-02	0.00E+00
9.72E+00	2.61E+01	-9.91E-02	-9.77E-03	0.00E+00
9.74E+00	2.60E+01	-6.04E-01	-1.71E-02	0.00E+00
9.76E+00	2.61E+01	-2.67E-01	-1.95E-02	0.00E+00
9.78E+00	2.61E+01	-1.30E-01	-9.77E-03	0.00E+00
9.80E+00	2.64E+01	-2.98E-01	-2.44E-02	0.00E+00
9.82E+00	2.66E+01	-3.28E-01	-1.71E-02	0.00E+00
9.84E+00	2.66E+01	-4.20E-01	-1.71E-02	0.00E+00
9.86E+00	2.67E+01	-4.20E-01	-2.08E-02	0.00E+00
9.88E+00	2.67E+01	-6.85E-02	-2.20E-02	0.00E+00
9.90E+00	2.66E+01	-1.76E-01	-1.95E-02	0.00E+00
9.92E+00	2.67E+01	-2.98E-01	-4.88E-03	0.00E+00
9.94E+00	2.67E+01	-4.20E-01	-2.20E-02	0.00E+00
9.96E+00	2.72E+01	-3.90E-01	-1.83E-02	0.00E+00
9.98E+00	2.73E+01	-5.27E-01	-2.08E-02	0.00E+00
1.00E+01	2.73E+01	-1.76E-01	-9.77E-03	0.00E+00
1.00E+01	2.71E+01	1.91E-01	-8.54E-03	0.00E+00
1.00E+01	2.71E+01	-3.13E-01	-1.95E-02	0.00E+00
1.01E+01	2.72E+01	-5.73E-01	-2.56E-02	0.00E+00
1.01E+01	2.72E+01	-4.51E-01	-2.56E-02	0.00E+00
1.01E+01	2.72E+01	-5.32E-02	-1.22E-02	0.00E+00
1.01E+01	2.72E+01	-2.06E-01	6.10E-03	0.00E+00
1.01E+01	2.77E+01	-5.32E-02	-2.44E-03	0.00E+00
1.02E+01	2.77E+01	-1.91E-01	-2.44E-03	0.00E+00
1.02E+01	2.77E+01	-3.28E-01	-1.10E-02	0.00E+00
1.02E+01	2.79E+01	-4.05E-01	-1.59E-02	0.00E+00
1.02E+01	2.78E+01	-2.98E-01	-1.22E-02	0.00E+00
1.02E+01	2.78E+01	-3.59E-01	-1.10E-02	0.00E+00

1.03E+01	2.77E+01	-2.98E-01	-3.17E-02	0.00E+00
1.03E+01	2.78E+01	-2.98E-01	-1.95E-02	0.00E+00
1.03E+01	2.78E+01	-2.67E-01	-1.22E-02	0.00E+00
1.03E+01	2.78E+01	-3.90E-01	-1.83E-02	0.00E+00
1.03E+01	2.78E+01	-2.37E-01	-2.20E-02	0.00E+00
1.04E+01	2.80E+01	-5.32E-02	-9.77E-03	0.00E+00
1.04E+01	2.83E+01	-1.30E-01	-1.95E-02	0.00E+00
1.04E+01	2.85E+01	-1.60E-01	-1.95E-02	0.00E+00
1.04E+01	2.84E+01	-3.13E-01	-1.22E-02	0.00E+00
1.04E+01	2.84E+01	-5.42E-01	-2.32E-02	0.00E+00
1.05E+01	2.84E+01	-1.60E-01	-2.69E-02	0.00E+00
1.05E+01	2.84E+01	-1.30E-01	-7.32E-03	0.00E+00
1.05E+01	2.84E+01	7.95E-03	-1.22E-02	0.00E+00
1.05E+01	2.84E+01	-2.06E-01	-7.32E-03	0.00E+00
1.05E+01	2.83E+01	-2.98E-01	-3.17E-02	0.00E+00
1.06E+01	2.84E+01	-4.20E-01	-2.44E-03	0.00E+00
1.06E+01	2.83E+01	-1.14E-01	-2.81E-02	0.00E+00
1.06E+01	2.84E+01	6.91E-02	-1.71E-02	0.00E+00
1.06E+01	2.84E+01	-2.37E-01	-1.22E-02	0.00E+00
1.06E+01	2.85E+01	-4.51E-01	-1.22E-02	0.00E+00
1.07E+01	2.84E+01	-4.81E-01	-1.71E-02	0.00E+00
1.07E+01	2.87E+01	-1.76E-01	-2.69E-02	0.00E+00
1.07E+01	2.90E+01	-1.60E-01	-2.69E-02	0.00E+00
1.07E+01	2.89E+01	5.38E-02	-2.32E-02	0.00E+00
1.07E+01	2.89E+01	-3.90E-01	-1.71E-02	0.00E+00
1.08E+01	2.89E+01	-4.05E-01	-3.05E-02	0.00E+00
1.08E+01	2.90E+01	-3.28E-01	0.00E+00	0.00E+00
1.08E+01	2.90E+01	-4.20E-01	-2.08E-02	0.00E+00
1.08E+01	2.89E+01	-3.79E-02	-1.83E-02	0.00E+00
1.08E+01	2.90E+01	-6.85E-02	-1.46E-02	0.00E+00
1.09E+01	2.90E+01	-2.06E-01	-4.39E-02	0.00E+00
1.09E+01	2.90E+01	-2.98E-01	-1.95E-02	0.00E+00
1.09E+01	2.88E+01	-2.83E-01	-1.71E-02	0.00E+00
1.09E+01	2.88E+01	-1.45E-01	-1.22E-02	0.00E+00
1.09E+01	2.90E+01	-2.52E-01	-1.95E-02	0.00E+00
1.10E+01	2.89E+01	1.91E-01	-2.20E-02	0.00E+00
1.10E+01	2.88E+01	-1.14E-01	-1.95E-02	0.00E+00
1.10E+01	2.89E+01	-5.73E-01	-1.71E-02	0.00E+00
1.10E+01	2.89E+01	-4.35E-01	-1.95E-02	0.00E+00
1.10E+01	2.90E+01	-1.45E-01	2.44E-03	0.00E+00
1.11E+01	2.89E+01	7.95E-03	-1.71E-02	0.00E+00
1.11E+01	2.90E+01	-8.38E-02	-1.95E-02	0.00E+00
1.11E+01	2.90E+01	-6.34E-01	-2.20E-02	0.00E+00
1.11E+01	2.90E+01	-4.35E-01	-1.10E-02	0.00E+00
1.11E+01	2.94E+01	-3.28E-01	-3.54E-02	0.00E+00
1.12E+01	2.95E+01	-5.32E-02	-1.95E-02	0.00E+00
1.12E+01	2.95E+01	-1.76E-01	-1.95E-02	0.00E+00

1.12E+01	2.96E+01	-2.98E-01	-1.10E-02	0.00E+00
1.12E+01	2.97E+01	-4.97E-01	-2.20E-02	0.00E+00
1.12E+01	2.95E+01	-7.57E-01	-2.69E-02	0.00E+00
1.13E+01	2.95E+01	-1.45E-01	-1.95E-02	0.00E+00
1.13E+01	2.94E+01	-5.32E-02	3.66E-03	0.00E+00
1.13E+01	2.95E+01	-4.20E-01	-2.56E-02	0.00E+00
1.13E+01	2.95E+01	-3.59E-01	-2.20E-02	0.00E+00
1.13E+01	2.95E+01	-4.51E-01	-2.44E-02	0.00E+00
1.14E+01	2.95E+01	-3.28E-01	-1.46E-02	0.00E+00
1.14E+01	2.95E+01	-2.98E-01	-2.44E-02	0.00E+00
1.14E+01	2.95E+01	-1.45E-01	-2.69E-02	0.00E+00
1.14E+01	2.95E+01	-1.14E-01	-1.59E-02	0.00E+00
1.14E+01	2.96E+01	-3.28E-01	-9.77E-03	0.00E+00
1.15E+01	2.95E+01	-5.73E-01	-1.59E-02	0.00E+00
1.15E+01	2.95E+01	-2.06E-01	-2.20E-02	0.00E+00
1.15E+01	2.96E+01	-8.38E-02	-1.10E-02	0.00E+00
1.15E+01	2.95E+01	2.22E-01	-1.22E-02	0.00E+00
1.15E+01	2.95E+01	-1.45E-01	-3.30E-02	0.00E+00
1.16E+01	2.95E+01	-4.35E-01	-3.54E-02	0.00E+00
1.16E+01	2.96E+01	-3.59E-01	-2.69E-02	0.00E+00
1.16E+01	2.95E+01	-3.28E-01	-1.46E-02	0.00E+00
1.16E+01	2.98E+01	-3.79E-02	-3.78E-02	0.00E+00
1.16E+01	3.00E+01	-5.32E-02	-9.77E-03	0.00E+00
1.17E+01	3.01E+01	-2.98E-01	-2.93E-02	0.00E+00
1.17E+01	3.01E+01	-4.20E-01	-2.32E-02	0.00E+00
1.17E+01	2.99E+01	-4.05E-01	-1.95E-02	0.00E+00
1.17E+01	3.02E+01	-1.45E-01	-1.71E-02	0.00E+00
1.17E+01	3.01E+01	-3.28E-01	-2.20E-02	0.00E+00
1.18E+01	3.01E+01	-3.90E-01	-2.44E-02	0.00E+00
1.18E+01	3.01E+01	-3.44E-01	-5.13E-02	0.00E+00
1.18E+01	3.01E+01	-4.81E-01	-2.56E-02	0.00E+00
1.18E+01	3.01E+01	-3.59E-01	-1.71E-02	0.00E+00
1.18E+01	3.01E+01	-6.85E-02	3.66E-03	0.00E+00
1.19E+01	3.02E+01	-1.14E-01	-2.56E-02	0.00E+00
1.19E+01	3.02E+01	-2.67E-01	-2.44E-02	0.00E+00
1.19E+01	3.01E+01	-4.51E-01	-1.46E-02	0.00E+00
1.19E+01	3.01E+01	-4.81E-01	1.22E-03	0.00E+00
1.19E+01	3.01E+01	-4.05E-01	-1.71E-02	0.00E+00
1.20E+01	3.02E+01	-1.45E-01	-1.95E-02	0.00E+00
1.20E+01	3.00E+01	-2.67E-01	-2.08E-02	0.00E+00
1.20E+01	3.02E+01	-2.67E-01	-2.56E-02	0.00E+00
1.20E+01	3.00E+01	-4.35E-01	-1.22E-02	0.00E+00
1.20E+01	3.01E+01	-5.32E-02	-2.08E-02	0.00E+00
1.21E+01	3.00E+01	-9.91E-02	-1.46E-02	0.00E+00
1.21E+01	3.01E+01	-1.45E-01	-1.71E-02	0.00E+00
1.21E+01	3.01E+01	-4.20E-01	-2.20E-02	0.00E+00
1.21E+01	3.01E+01	-4.35E-01	-3.78E-02	0.00E+00

1.21E+01	3.05E+01	-4.51E-01	-2.44E-03	0.00E+00
1.22E+01	3.06E+01	-2.83E-01	-2.93E-02	0.00E+00
1.22E+01	3.06E+01	7.95E-03	-8.54E-03	0.00E+00
1.22E+01	3.06E+01	-5.32E-02	1.22E-02	0.00E+00
1.22E+01	3.06E+01	-3.28E-01	-1.71E-02	0.00E+00
1.22E+01	3.06E+01	-4.97E-01	-2.69E-02	0.00E+00
1.23E+01	3.07E+01	-4.81E-01	-1.46E-02	0.00E+00
1.23E+01	3.06E+01	-1.14E-01	-2.69E-02	0.00E+00
1.23E+01	3.06E+01	-1.91E-01	-1.10E-02	0.00E+00
1.23E+01	3.06E+01	-2.83E-01	-1.95E-02	0.00E+00
1.23E+01	3.07E+01	-5.42E-01	-2.44E-02	0.00E+00
1.24E+01	3.06E+01	-3.90E-01	-1.46E-02	0.00E+00
1.24E+01	3.05E+01	-6.65E-01	-1.22E-02	0.00E+00
1.24E+01	3.06E+01	-3.28E-01	-1.71E-02	0.00E+00
1.24E+01	3.07E+01	-3.59E-01	-3.17E-02	0.00E+00
1.24E+01	3.06E+01	-4.51E-01	-3.54E-02	0.00E+00
1.25E+01	3.06E+01	-5.12E-01	-1.83E-02	0.00E+00
1.25E+01	3.06E+01	-4.20E-01	-1.71E-02	0.00E+00
1.25E+01	3.07E+01	-2.37E-01	-4.52E-02	0.00E+00
1.25E+01	3.07E+01	-1.45E-01	-2.32E-02	0.00E+00
1.25E+01	3.07E+01	-1.45E-01	-1.71E-02	0.00E+00
1.26E+01	3.08E+01	-4.81E-01	-1.71E-02	0.00E+00
1.26E+01	3.09E+01	-4.81E-01	-1.83E-02	0.00E+00
1.26E+01	3.12E+01	-3.59E-01	-2.56E-02	0.00E+00
1.26E+01	3.12E+01	-9.91E-02	-1.46E-02	0.00E+00
1.26E+01	3.13E+01	-2.26E-02	-1.95E-02	0.00E+00
1.27E+01	3.13E+01	-4.20E-01	-2.56E-02	0.00E+00
1.27E+01	3.13E+01	-2.37E-01	-1.95E-02	0.00E+00
1.27E+01	3.12E+01	-6.34E-01	-2.08E-02	0.00E+00
1.27E+01	3.11E+01	-3.28E-01	-3.66E-02	0.00E+00
1.27E+01	3.12E+01	-5.32E-02	-1.95E-02	0.00E+00
1.28E+01	3.12E+01	-5.12E-01	-1.46E-02	0.00E+00
1.28E+01	3.12E+01	-3.44E-01	-4.88E-03	0.00E+00
1.28E+01	3.13E+01	-3.90E-01	-6.10E-03	0.00E+00
1.28E+01	3.12E+01	-3.28E-01	-9.77E-03	0.00E+00
1.28E+01	3.12E+01	-2.06E-01	-1.46E-02	0.00E+00
1.29E+01	3.13E+01	-3.79E-02	-1.22E-02	0.00E+00
1.29E+01	3.12E+01	-2.98E-01	-2.44E-02	0.00E+00
1.29E+01	3.12E+01	-4.97E-01	-1.95E-02	0.00E+00
1.29E+01	3.12E+01	-4.51E-01	-1.95E-02	0.00E+00
1.29E+01	3.14E+01	-1.45E-01	-2.69E-02	0.00E+00
1.30E+01	3.14E+01	7.95E-03	-1.22E-02	0.00E+00
1.30E+01	3.15E+01	-2.98E-01	-1.46E-02	0.00E+00
1.30E+01	3.18E+01	-3.59E-01	-1.46E-02	0.00E+00
1.30E+01	3.17E+01	-6.34E-01	-1.59E-02	0.00E+00
1.30E+01	3.18E+01	-5.27E-01	-2.93E-02	0.00E+00
1.31E+01	3.18E+01	-2.98E-01	-2.20E-02	0.00E+00

1.31E+01	3.18E+01	-2.37E-01	-1.22E-02	0.00E+00
1.31E+01	3.18E+01	-3.90E-01	-4.15E-02	0.00E+00
1.31E+01	3.19E+01	-7.72E-01	-1.95E-02	0.00E+00
1.31E+01	3.18E+01	-2.06E-01	-2.08E-02	0.00E+00
1.32E+01	3.18E+01	-1.14E-01	-3.17E-02	0.00E+00
1.32E+01	3.18E+01	-8.38E-02	-1.71E-02	0.00E+00
1.32E+01	3.17E+01	-4.05E-01	-1.22E-02	0.00E+00
1.32E+01	3.17E+01	-5.42E-01	-1.22E-02	0.00E+00
1.32E+01	3.18E+01	-4.51E-01	-1.22E-02	0.00E+00
1.33E+01	3.19E+01	-2.52E-01	-1.71E-02	0.00E+00
1.33E+01	3.19E+01	2.68E-01	-9.77E-03	0.00E+00
1.33E+01	3.20E+01	-3.28E-01	-1.10E-02	0.00E+00
1.33E+01	3.25E+01	-3.59E-01	-1.95E-02	0.00E+00
1.33E+01	3.24E+01	-2.37E-01	-1.34E-02	0.00E+00
1.34E+01	3.24E+01	-4.51E-01	-3.42E-02	0.00E+00
1.34E+01	3.23E+01	-2.52E-01	-3.17E-02	0.00E+00
1.34E+01	3.24E+01	-1.91E-01	-2.81E-02	0.00E+00
1.34E+01	3.24E+01	-3.74E-01	-2.81E-02	0.00E+00
1.34E+01	3.24E+01	-2.98E-01	-3.66E-02	0.00E+00
1.35E+01	3.23E+01	-4.20E-01	1.22E-03	0.00E+00
1.35E+01	3.24E+01	-2.21E-01	-1.71E-02	0.00E+00
1.35E+01	3.24E+01	-8.38E-02	-1.83E-02	0.00E+00
1.35E+01	3.24E+01	-2.06E-01	-1.95E-02	0.00E+00
1.35E+01	3.24E+01	-4.20E-01	-2.44E-02	0.00E+00
1.36E+01	3.25E+01	-5.12E-01	-2.08E-02	0.00E+00
1.36E+01	3.29E+01	-4.35E-01	-1.95E-02	0.00E+00
1.36E+01	3.32E+01	-5.32E-02	-1.95E-02	0.00E+00
1.36E+01	3.28E+01	-2.52E-01	-1.95E-02	0.00E+00
1.36E+01	3.30E+01	-3.90E-01	-2.08E-02	0.00E+00
1.37E+01	3.30E+01	-4.81E-01	-1.34E-02	0.00E+00
1.37E+01	3.30E+01	-4.66E-01	-1.46E-02	0.00E+00
1.37E+01	3.28E+01	-2.98E-01	-7.32E-03	0.00E+00
1.37E+01	3.30E+01	-2.37E-01	-1.46E-02	0.00E+00
1.37E+01	3.30E+01	-2.06E-01	-9.77E-03	0.00E+00
1.38E+01	3.29E+01	-6.95E-01	-4.39E-02	0.00E+00
1.38E+01	3.30E+01	-5.12E-01	-1.95E-02	0.00E+00
1.38E+01	3.30E+01	-2.67E-01	-1.83E-02	0.00E+00
1.38E+01	3.35E+01	-1.14E-01	-2.69E-02	0.00E+00
1.38E+01	3.35E+01	-2.37E-01	-1.46E-02	0.00E+00
1.39E+01	3.35E+01	-2.37E-01	-1.95E-02	0.00E+00
1.39E+01	3.36E+01	-4.51E-01	-1.83E-02	0.00E+00
1.39E+01	3.36E+01	-3.28E-01	-2.93E-02	0.00E+00
1.39E+01	3.35E+01	-3.28E-01	-2.56E-02	0.00E+00
1.39E+01	3.36E+01	-2.67E-01	-2.56E-02	0.00E+00
1.40E+01	3.37E+01	-2.83E-01	-1.83E-02	0.00E+00
1.40E+01	3.35E+01	-4.51E-01	-9.77E-03	0.00E+00
1.40E+01	3.36E+01	-2.21E-01	-2.20E-02	0.00E+00

1.40E+01	3.36E+01	-2.26E-02	-2.20E-02	0.00E+00
1.40E+01	3.41E+01	-5.32E-02	-1.46E-02	0.00E+00
1.41E+01	3.41E+01	-2.67E-01	-1.46E-02	0.00E+00
1.41E+01	3.42E+01	-2.06E-01	-1.46E-02	0.00E+00
1.41E+01	3.42E+01	-4.51E-01	-3.91E-02	0.00E+00
1.41E+01	3.41E+01	-3.59E-01	-2.20E-02	0.00E+00
1.41E+01	3.42E+01	-8.38E-02	-2.69E-02	0.00E+00
1.42E+01	3.41E+01	-2.21E-01	-9.77E-03	0.00E+00
1.42E+01	3.42E+01	-5.88E-01	4.88E-03	0.00E+00
1.42E+01	3.42E+01	-5.42E-01	-2.44E-02	0.00E+00
1.42E+01	3.45E+01	-3.59E-01	-2.44E-02	0.00E+00
1.42E+01	3.47E+01	-1.76E-01	-1.71E-02	0.00E+00
1.43E+01	3.47E+01	-2.37E-01	-1.46E-02	0.00E+00
1.43E+01	3.48E+01	-3.28E-01	-2.08E-02	0.00E+00
1.43E+01	3.48E+01	-5.73E-01	-2.44E-02	0.00E+00
1.43E+01	3.48E+01	-3.28E-01	-2.32E-02	0.00E+00
1.43E+01	3.46E+01	-2.52E-01	-1.59E-02	0.00E+00
1.44E+01	3.49E+01	-1.45E-01	-2.44E-02	0.00E+00
1.44E+01	3.48E+01	-2.98E-01	-2.08E-02	0.00E+00
1.44E+01	3.51E+01	-2.37E-01	-1.95E-02	0.00E+00
1.44E+01	3.51E+01	-5.73E-01	-1.95E-02	0.00E+00
1.44E+01	3.52E+01	-2.06E-01	-2.08E-02	0.00E+00
1.45E+01	3.54E+01	-4.20E-01	-3.42E-02	0.00E+00
1.45E+01	3.54E+01	2.32E-02	-3.66E-02	0.00E+00
1.45E+01	3.53E+01	-3.90E-01	-4.15E-02	0.00E+00
1.45E+01	3.53E+01	-7.87E-01	-1.71E-02	0.00E+00
1.45E+01	3.53E+01	-2.83E-01	-2.20E-02	0.00E+00
1.46E+01	3.57E+01	-6.85E-02	3.66E-03	0.00E+00
1.46E+01	3.59E+01	-1.30E-01	-1.22E-02	0.00E+00
1.46E+01	3.59E+01	-3.90E-01	-1.22E-02	0.00E+00
1.46E+01	3.59E+01	-4.51E-01	-1.71E-02	0.00E+00
1.46E+01	3.59E+01	-3.59E-01	-3.66E-03	0.00E+00
1.47E+01	3.60E+01	-1.14E-01	-2.44E-02	0.00E+00
1.47E+01	3.59E+01	-2.37E-01	-2.08E-02	0.00E+00
1.47E+01	3.63E+01	-4.51E-01	-1.59E-02	0.00E+00
1.47E+01	3.64E+01	-4.20E-01	-2.20E-02	0.00E+00
1.47E+01	3.65E+01	-4.81E-01	-2.93E-02	0.00E+00
1.48E+01	3.65E+01	-1.76E-01	-2.20E-02	0.00E+00
1.48E+01	3.65E+01	-1.76E-01	-1.83E-02	0.00E+00
1.48E+01	3.65E+01	-2.67E-01	-2.56E-02	0.00E+00
1.48E+01	3.67E+01	-9.09E-01	-2.81E-02	0.00E+00
1.48E+01	3.71E+01	-4.97E-01	-1.83E-02	0.00E+00
1.49E+01	3.69E+01	-3.44E-01	-2.32E-02	0.00E+00
1.49E+01	3.70E+01	-2.37E-01	-9.77E-03	0.00E+00
1.49E+01	3.70E+01	7.95E-03	-1.71E-02	0.00E+00
1.49E+01	3.71E+01	-6.34E-01	-2.20E-02	0.00E+00
1.49E+01	3.74E+01	-3.90E-01	-2.44E-03	0.00E+00

1.50E+01	3.76E+01	-3.44E-01	-1.46E-02	0.00E+00
1.50E+01	3.77E+01	7.95E-03	-2.20E-02	0.00E+00
1.50E+01	3.76E+01	-3.74E-01	-2.93E-02	0.00E+00
1.50E+01	3.76E+01	-5.12E-01	-1.71E-02	0.00E+00
1.50E+01	3.79E+01	-3.59E-01	-1.46E-02	0.00E+00
1.51E+01	3.82E+01	-2.67E-01	-1.34E-02	0.00E+00
1.51E+01	3.82E+01	-2.06E-01	-2.93E-02	0.00E+00
1.51E+01	3.80E+01	-2.37E-01	-1.71E-02	0.00E+00
1.51E+01	3.83E+01	7.95E-03	-2.20E-02	0.00E+00
1.51E+01	3.85E+01	-4.97E-01	-1.46E-02	0.00E+00
1.52E+01	3.89E+01	-3.59E-01	-1.95E-02	0.00E+00
1.52E+01	3.87E+01	5.38E-02	-1.34E-02	0.00E+00
1.52E+01	3.88E+01	-2.37E-01	-2.44E-02	0.00E+00
1.52E+01	3.89E+01	-2.98E-01	-1.22E-02	0.00E+00
1.52E+01	3.92E+01	-3.28E-01	2.44E-03	0.00E+00
1.53E+01	3.93E+01	-5.12E-01	-7.32E-03	0.00E+00
1.53E+01	3.94E+01	-2.37E-01	-2.44E-02	0.00E+00
1.53E+01	3.94E+01	-1.91E-01	-2.08E-02	0.00E+00
1.53E+01	3.96E+01	-2.37E-01	-1.95E-02	0.00E+00
1.53E+01	4.00E+01	-3.90E-01	-1.83E-02	0.00E+00
1.54E+01	4.01E+01	-4.66E-01	-2.44E-02	0.00E+00
1.54E+01	3.99E+01	-2.37E-01	-1.95E-02	0.00E+00
1.54E+01	4.00E+01	2.32E-02	-1.46E-02	0.00E+00
1.54E+01	4.05E+01	-3.28E-01	-4.15E-02	0.00E+00
1.54E+01	4.06E+01	-2.37E-01	-1.71E-02	0.00E+00
1.55E+01	4.05E+01	-5.42E-01	-1.59E-02	0.00E+00
1.55E+01	4.06E+01	-2.98E-01	-2.08E-02	0.00E+00
1.55E+01	4.08E+01	-2.06E-01	-4.15E-02	0.00E+00
1.55E+01	4.11E+01	-1.91E-01	-1.34E-02	0.00E+00
1.55E+01	4.12E+01	-4.51E-01	-2.44E-02	0.00E+00
1.56E+01	4.11E+01	-3.90E-01	-2.44E-02	0.00E+00
1.56E+01	4.12E+01	-4.20E-01	-9.77E-03	0.00E+00
1.56E+01	4.13E+01	-3.28E-01	-1.95E-02	0.00E+00
1.56E+01	4.17E+01	-1.14E-01	-1.95E-02	0.00E+00
1.56E+01	4.17E+01	-3.28E-01	-1.71E-02	0.00E+00
1.57E+01	4.15E+01	-4.97E-01	-1.71E-02	0.00E+00
1.57E+01	4.17E+01	-2.06E-01	-8.54E-03	0.00E+00
1.57E+01	4.17E+01	-5.12E-01	-1.22E-02	0.00E+00
1.57E+01	4.20E+01	-2.37E-01	-1.34E-02	0.00E+00
1.57E+01	4.24E+01	-2.06E-01	-9.77E-03	0.00E+00
1.58E+01	4.22E+01	-4.35E-01	-2.69E-02	0.00E+00
1.58E+01	4.22E+01	-2.37E-01	-1.95E-02	0.00E+00
1.58E+01	4.22E+01	-3.74E-01	-4.15E-02	0.00E+00
1.58E+01	4.22E+01	-8.38E-02	3.66E-03	0.00E+00
1.58E+01	4.23E+01	-2.26E-02	-2.08E-02	0.00E+00
1.59E+01	4.27E+01	-4.51E-01	-1.22E-02	0.00E+00
1.59E+01	4.27E+01	-4.35E-01	-1.22E-02	0.00E+00

1.59E+01	4.28E+01	-2.67E-01	-7.32E-03	0.00E+00
1.59E+01	4.28E+01	-5.12E-01	-1.10E-02	0.00E+00
1.59E+01	4.27E+01	-2.83E-01	-2.44E-03	0.00E+00
1.60E+01	4.28E+01	-3.59E-01	-7.32E-03	0.00E+00
1.60E+01	4.29E+01	-4.51E-01	-1.46E-02	0.00E+00
1.60E+01	4.34E+01	-3.59E-01	-1.10E-02	0.00E+00
1.60E+01	4.34E+01	-1.76E-01	-9.77E-03	0.00E+00
1.60E+01	4.34E+01	-2.06E-01	-1.71E-02	0.00E+00
1.61E+01	4.34E+01	-3.90E-01	-1.22E-02	0.00E+00
1.61E+01	4.36E+01	-4.81E-01	-9.77E-03	0.00E+00
1.61E+01	4.37E+01	-3.90E-01	-2.08E-02	0.00E+00
1.61E+01	4.40E+01	-4.66E-01	-2.08E-02	0.00E+00
1.61E+01	4.40E+01	-2.26E-02	-1.59E-02	0.00E+00
1.62E+01	4.41E+01	-3.13E-01	-2.44E-03	0.00E+00
1.62E+01	4.39E+01	-7.26E-01	-1.95E-02	0.00E+00
1.62E+01	4.43E+01	-3.59E-01	-1.46E-02	0.00E+00
1.62E+01	4.45E+01	-2.37E-01	-9.77E-03	0.00E+00
1.62E+01	4.46E+01	-1.45E-01	-1.83E-02	0.00E+00
1.63E+01	4.45E+01	-2.52E-01	-9.77E-03	0.00E+00
1.63E+01	4.48E+01	-4.35E-01	-8.54E-03	0.00E+00
1.63E+01	4.51E+01	-4.51E-01	-2.32E-02	0.00E+00
1.63E+01	4.51E+01	-3.90E-01	-1.83E-02	0.00E+00
1.63E+01	4.52E+01	-1.45E-01	-1.22E-02	0.00E+00
1.64E+01	4.56E+01	-2.37E-01	-1.71E-02	0.00E+00
1.64E+01	4.57E+01	-3.90E-01	-2.20E-02	0.00E+00
1.64E+01	4.57E+01	-5.73E-01	-1.34E-02	0.00E+00
1.64E+01	4.60E+01	-3.59E-01	-1.22E-02	0.00E+00
1.64E+01	4.63E+01	-1.76E-01	-2.44E-02	0.00E+00
1.65E+01	4.63E+01	-2.98E-01	-7.32E-03	0.00E+00
1.65E+01	4.63E+01	-4.20E-01	-1.46E-02	0.00E+00
1.65E+01	4.68E+01	-2.98E-01	-2.20E-02	0.00E+00
1.65E+01	4.69E+01	-4.81E-01	-1.71E-02	0.00E+00
1.65E+01	4.69E+01	-2.37E-01	-9.77E-03	0.00E+00
1.66E+01	4.74E+01	-3.44E-01	-3.66E-02	0.00E+00
1.66E+01	4.74E+01	-5.12E-01	-1.22E-02	0.00E+00
1.66E+01	4.75E+01	-1.91E-01	-1.34E-02	0.00E+00
1.66E+01	4.80E+01	-2.21E-01	-1.22E-02	0.00E+00
1.66E+01	4.80E+01	-8.38E-02	-1.95E-02	0.00E+00
1.67E+01	4.80E+01	-3.59E-01	-1.46E-02	0.00E+00
1.67E+01	4.87E+01	-5.42E-01	-1.71E-02	0.00E+00
1.67E+01	4.88E+01	-5.12E-01	-1.46E-02	0.00E+00
1.67E+01	4.88E+01	-3.59E-01	-1.59E-02	0.00E+00
1.67E+01	4.92E+01	-2.37E-01	-2.20E-02	0.00E+00
1.68E+01	4.92E+01	-2.21E-01	-1.22E-02	0.00E+00
1.68E+01	4.99E+01	-3.59E-01	-1.34E-02	0.00E+00
1.68E+01	4.97E+01	-3.59E-01	-1.71E-02	0.00E+00
1.68E+01	5.00E+01	1.46E-01	0.00E+00	0.00E+00

1.68E+01	5.03E+01	-3.28E-01	-2.81E-02	0.00E+00
1.69E+01	5.04E+01	-2.21E-01	-3.17E-02	0.00E+00
1.69E+01	5.09E+01	-2.98E-01	-1.46E-02	0.00E+00
1.69E+01	5.09E+01	-5.88E-01	-1.10E-02	0.00E+00
1.69E+01	5.15E+01	-2.98E-01	-3.17E-02	0.00E+00
1.69E+01	5.15E+01	-1.76E-01	-2.93E-02	0.00E+00
1.70E+01	5.19E+01	-2.67E-01	-1.46E-02	0.00E+00
1.70E+01	5.21E+01	-3.90E-01	-6.10E-03	0.00E+00
1.70E+01	5.26E+01	-4.51E-01	-1.10E-02	0.00E+00
1.70E+01	5.28E+01	-2.67E-01	-4.88E-03	0.00E+00
1.70E+01	5.32E+01	-1.14E-01	-1.95E-02	0.00E+00
1.71E+01	5.33E+01	-2.67E-01	-1.10E-02	0.00E+00
1.71E+01	5.39E+01	-4.66E-01	-4.88E-03	0.00E+00
1.71E+01	5.41E+01	-1.76E-01	-4.88E-03	0.00E+00
1.71E+01	5.44E+01	-4.35E-01	-1.71E-02	0.00E+00
1.71E+01	5.50E+01	-2.37E-01	-1.59E-02	0.00E+00
1.72E+01	5.52E+01	-2.98E-01	3.66E-03	0.00E+00
1.72E+01	5.56E+01	-5.73E-01	-4.88E-03	0.00E+00
1.72E+01	5.61E+01	-4.81E-01	-1.10E-02	0.00E+00
1.72E+01	5.65E+01	-2.52E-01	-3.91E-02	0.00E+00
1.72E+01	5.68E+01	-5.32E-02	-2.44E-02	0.00E+00
1.73E+01	5.74E+01	-3.59E-01	-1.83E-02	0.00E+00
1.73E+01	5.79E+01	-4.05E-01	-1.10E-02	0.00E+00
1.73E+01	5.82E+01	-3.44E-01	-1.46E-02	0.00E+00
1.73E+01	5.88E+01	-2.06E-01	-1.46E-02	0.00E+00
1.73E+01	5.91E+01	6.91E-02	-1.34E-02	0.00E+00
1.74E+01	5.97E+01	7.95E-03	-1.22E-02	0.00E+00
1.74E+01	6.02E+01	-3.28E-01	-7.32E-03	0.00E+00
1.74E+01	6.09E+01	-4.66E-01	-1.71E-02	0.00E+00
1.74E+01	6.14E+01	-2.52E-01	-1.71E-02	0.00E+00
1.74E+01	6.21E+01	-5.32E-02	-1.46E-02	0.00E+00
1.75E+01	6.27E+01	-1.14E-01	-1.95E-02	0.00E+00
1.75E+01	6.32E+01	-2.06E-01	-9.77E-03	0.00E+00
1.75E+01	6.41E+01	-6.80E-01	-3.17E-02	0.00E+00
1.75E+01	6.47E+01	-2.67E-01	-2.32E-02	0.00E+00
1.75E+01	6.53E+01	5.38E-02	-7.32E-03	0.00E+00
1.76E+01	6.61E+01	1.18E+02	-4.88E-03	0.00E+00
1.76E+01	6.69E+01	1.05E+02	4.88E-03	0.00E+00
1.76E+01	6.63E+01	2.67E+00	-2.08E-02	0.00E+00
1.76E+01	6.59E+01	-1.34E+00	-1.22E-02	0.00E+00
1.76E+01	6.54E+01	9.41E-01	-1.46E-02	0.00E+00
1.77E+01	6.56E+01	-8.18E-01	-3.05E-02	0.00E+00
1.77E+01	6.48E+01	-1.91E-01	-1.71E-02	0.00E+00
1.77E+01	6.49E+01	-3.90E-01	-1.22E-02	0.00E+00
1.77E+01	6.48E+01	-3.74E-01	-7.32E-03	0.00E+00
1.77E+01	6.49E+01	-2.06E-01	-7.32E-03	0.00E+00
1.78E+01	6.49E+01	-8.38E-02	-1.71E-02	0.00E+00

1.78E+01	6.49E+01	-2.83E-01	-1.71E-02	0.00E+00
1.78E+01	6.49E+01	-4.20E-01	-2.81E-02	0.00E+00
1.78E+01	6.54E+01	-2.52E-01	0.00E+00	0.00E+00
1.78E+01	6.55E+01	6.91E-02	-8.54E-03	0.00E+00
1.79E+01	6.60E+01	1.69E+00	-1.95E-02	0.00E+00
1.79E+01	6.62E+01	5.08E+01	-2.20E-02	0.00E+00
1.79E+01	6.60E+01	3.96E+01	-7.32E-03	0.00E+00
1.79E+01	6.61E+01	2.85E+00	-1.71E-02	0.00E+00
1.79E+01	6.61E+01	-7.41E-01	-3.78E-02	0.00E+00
1.80E+01	6.60E+01	1.15E-01	-7.32E-03	0.00E+00
1.80E+01	6.60E+01	-8.94E-01	-1.71E-02	0.00E+00
1.80E+01	6.61E+01	1.06E+01	-3.17E-02	0.00E+00
1.80E+01	6.60E+01	2.34E+01	-7.32E-03	0.00E+00
1.80E+01	6.61E+01	2.32E+01	-2.44E-02	0.00E+00
1.81E+01	6.61E+01	6.43E+00	-2.69E-02	0.00E+00
1.81E+01	6.59E+01	6.20E-01	-2.20E-02	0.00E+00
1.81E+01	6.59E+01	2.13E+00	-1.83E-02	0.00E+00
1.81E+01	6.60E+01	9.59E+00	-2.08E-02	0.00E+00
1.81E+01	6.61E+01	1.71E+01	-1.34E-02	0.00E+00
1.82E+01	6.62E+01	1.33E+01	-1.95E-02	0.00E+00
1.82E+01	6.61E+01	5.53E+00	-1.22E-02	0.00E+00
1.82E+01	6.60E+01	4.01E+00	-1.71E-02	0.00E+00
1.82E+01	6.60E+01	7.74E+00	2.44E-03	0.00E+00
1.82E+01	6.61E+01	1.27E+01	-2.69E-02	0.00E+00
1.83E+01	6.62E+01	1.19E+01	-2.20E-02	0.00E+00
1.83E+01	6.62E+01	7.27E+00	-1.83E-02	0.00E+00
1.83E+01	6.62E+01	6.15E+00	-3.42E-02	0.00E+00
1.83E+01	6.61E+01	8.11E+00	-2.20E-02	0.00E+00
1.83E+01	6.60E+01	1.06E+01	-3.42E-02	0.00E+00
1.84E+01	6.60E+01	9.98E+00	-2.69E-02	0.00E+00
1.84E+01	6.60E+01	7.65E+00	-7.32E-03	0.00E+00
1.84E+01	6.61E+01	7.16E+00	-2.93E-02	0.00E+00
1.84E+01	6.61E+01	9.46E+00	-3.42E-02	0.00E+00
1.84E+01	6.61E+01	1.02E+01	-2.93E-02	0.00E+00
1.85E+01	6.60E+01	9.06E+00	-2.44E-02	0.00E+00
1.85E+01	6.60E+01	8.05E+00	-1.95E-02	0.00E+00
1.85E+01	6.59E+01	8.48E+00	-2.93E-02	0.00E+00
1.85E+01	6.62E+01	9.55E+00	-1.46E-02	0.00E+00
1.85E+01	6.61E+01	9.58E+00	-1.71E-02	0.00E+00
1.86E+01	6.61E+01	8.57E+00	-2.20E-02	0.00E+00
1.86E+01	6.60E+01	8.26E+00	-3.05E-02	0.00E+00
1.86E+01	6.60E+01	9.24E+00	-4.88E-03	0.00E+00
1.86E+01	6.61E+01	9.58E+00	-1.59E-02	0.00E+00
1.86E+01	6.61E+01	9.03E+00	-4.39E-02	0.00E+00
1.87E+01	6.61E+01	8.49E+00	-1.59E-02	0.00E+00
1.87E+01	6.60E+01	8.51E+00	-2.56E-02	0.00E+00
1.87E+01	6.59E+01	9.21E+00	-1.22E-02	0.00E+00

1.87E+01	6.59E+01	9.33E+00	-1.46E-02	0.00E+00
1.87E+01	6.61E+01	8.78E+00	-1.59E-02	0.00E+00
1.88E+01	6.61E+01	8.42E+00	-1.22E-02	0.00E+00
1.88E+01	6.62E+01	8.85E+00	-1.59E-02	0.00E+00
1.88E+01	6.60E+01	9.32E+00	-1.22E-02	0.00E+00
1.88E+01	6.61E+01	9.06E+00	-2.20E-02	0.00E+00
1.88E+01	6.60E+01	8.55E+00	-4.88E-03	0.00E+00
1.89E+01	6.60E+01	8.54E+00	-1.46E-02	0.00E+00
1.89E+01	6.60E+01	8.88E+00	-2.44E-02	0.00E+00
1.89E+01	6.61E+01	9.15E+00	-2.20E-02	0.00E+00
1.89E+01	6.61E+01	9.06E+00	-3.91E-02	0.00E+00
1.89E+01	6.62E+01	8.74E+00	-2.08E-02	0.00E+00
1.90E+01	6.61E+01	8.42E+00	-1.71E-02	0.00E+00
1.90E+01	6.61E+01	8.89E+00	-1.95E-02	0.00E+00
1.90E+01	6.61E+01	9.18E+00	-9.77E-03	0.00E+00
1.90E+01	6.61E+01	9.29E+00	-1.71E-02	0.00E+00
1.90E+01	6.61E+01	8.81E+00	-1.46E-02	0.00E+00
1.91E+01	6.61E+01	8.60E+00	-5.13E-02	0.00E+00
1.91E+01	6.61E+01	9.06E+00	-1.46E-02	0.00E+00
1.91E+01	6.61E+01	9.29E+00	-1.22E-02	0.00E+00
1.91E+01	6.59E+01	9.00E+00	-1.71E-02	0.00E+00
1.91E+01	6.61E+01	8.66E+00	-2.69E-02	0.00E+00
1.92E+01	6.61E+01	8.57E+00	-1.34E-02	0.00E+00
1.92E+01	6.60E+01	9.21E+00	-1.46E-02	0.00E+00
1.92E+01	6.60E+01	9.27E+00	-1.83E-02	0.00E+00
1.92E+01	6.60E+01	8.91E+00	-1.46E-02	0.00E+00
1.92E+01	6.61E+01	8.33E+00	-3.17E-02	0.00E+00
1.93E+01	6.61E+01	8.51E+00	-3.42E-02	0.00E+00
1.93E+01	6.60E+01	9.18E+00	-1.71E-02	0.00E+00
1.93E+01	6.61E+01	9.40E+00	-1.71E-02	0.00E+00
1.93E+01	6.61E+01	8.91E+00	-1.95E-02	0.00E+00
1.93E+01	6.61E+01	8.63E+00	-2.20E-02	0.00E+00
1.94E+01	6.60E+01	8.49E+00	-1.10E-02	0.00E+00
1.94E+01	6.61E+01	9.11E+00	-2.20E-02	0.00E+00
1.94E+01	6.61E+01	9.24E+00	-1.71E-02	0.00E+00
1.94E+01	6.59E+01	8.69E+00	-2.93E-02	0.00E+00
1.94E+01	6.61E+01	8.11E+00	-3.17E-02	0.00E+00
1.95E+01	6.61E+01	8.71E+00	-2.08E-02	0.00E+00
1.95E+01	6.61E+01	9.49E+00	-1.46E-02	0.00E+00
1.95E+01	6.60E+01	9.18E+00	-4.88E-03	0.00E+00
1.95E+01	6.61E+01	8.92E+00	-1.22E-02	0.00E+00
1.95E+01	6.60E+01	8.48E+00	-1.83E-02	0.00E+00
1.96E+01	6.60E+01	8.98E+00	2.44E-03	0.00E+00
1.96E+01	6.61E+01	9.49E+00	-2.44E-03	0.00E+00
1.96E+01	6.61E+01	9.18E+00	-2.69E-02	0.00E+00
1.96E+01	6.63E+01	8.66E+00	-1.95E-02	0.00E+00
1.96E+01	6.62E+01	8.51E+00	-2.93E-02	0.00E+00

1.97E+01	6.60E+01	9.27E+00	-1.83E-02	0.00E+00
1.97E+01	6.61E+01	9.27E+00	-9.77E-03	0.00E+00
1.97E+01	6.62E+01	8.85E+00	-1.46E-02	0.00E+00
1.97E+01	6.60E+01	8.39E+00	-7.32E-03	0.00E+00
1.97E+01	6.61E+01	8.81E+00	-7.32E-03	0.00E+00
1.98E+01	6.61E+01	9.14E+00	-1.10E-02	0.00E+00
1.98E+01	6.61E+01	9.37E+00	-2.08E-02	0.00E+00
1.98E+01	6.60E+01	8.78E+00	-2.56E-02	0.00E+00
1.98E+01	6.61E+01	8.57E+00	-1.71E-02	0.00E+00
1.98E+01	6.59E+01	9.09E+00	-3.17E-02	0.00E+00
1.99E+01	6.61E+01	9.24E+00	-7.32E-03	0.00E+00
1.99E+01	6.61E+01	8.85E+00	-1.95E-02	0.00E+00
1.99E+01	6.60E+01	8.71E+00	-1.71E-02	0.00E+00
1.99E+01	6.61E+01	8.54E+00	-3.91E-02	0.00E+00
1.99E+01	6.61E+01	9.21E+00	-2.20E-02	0.00E+00
2.00E+01	6.61E+01	9.41E+00	-2.08E-02	0.00E+00
2.00E+01	6.61E+01	9.00E+00	-5.00E-02	0.00E+00
2.00E+01	6.61E+01	8.51E+00	-3.05E-02	0.00E+00
2.00E+01	6.61E+01	8.85E+00	-1.46E-02	0.00E+00
2.00E+01	6.62E+01	9.21E+00	-1.46E-02	0.00E+00
2.01E+01	6.61E+01	9.18E+00	-1.95E-02	0.00E+00
2.01E+01	6.61E+01	9.09E+00	-1.10E-02	0.00E+00
2.01E+01	6.61E+01	8.63E+00	-2.44E-02	0.00E+00
2.01E+01	6.62E+01	8.91E+00	-2.32E-02	0.00E+00
2.01E+01	6.60E+01	9.24E+00	-1.71E-02	0.00E+00
2.02E+01	6.61E+01	9.41E+00	-2.08E-02	0.00E+00
2.02E+01	6.61E+01	8.63E+00	-2.44E-03	0.00E+00
2.02E+01	6.61E+01	8.51E+00	-3.66E-03	0.00E+00
2.02E+01	6.61E+01	8.89E+00	-8.54E-03	0.00E+00
2.02E+01	6.61E+01	9.50E+00	-1.71E-02	0.00E+00
2.03E+01	6.60E+01	9.07E+00	-3.42E-02	0.00E+00
2.03E+01	6.60E+01	8.45E+00	-1.71E-02	0.00E+00
2.03E+01	6.61E+01	8.57E+00	-2.93E-02	0.00E+00
2.03E+01	6.61E+01	9.21E+00	-1.95E-02	0.00E+00
2.03E+01	6.62E+01	9.43E+00	-1.22E-02	0.00E+00
2.04E+01	6.61E+01	9.09E+00	-1.46E-02	0.00E+00
2.04E+01	6.60E+01	8.69E+00	-1.10E-02	0.00E+00
2.04E+01	6.60E+01	8.66E+00	-1.71E-02	0.00E+00
2.04E+01	6.60E+01	9.17E+00	-3.17E-02	0.00E+00
2.04E+01	6.61E+01	9.21E+00	-2.32E-02	0.00E+00
2.05E+01	6.61E+01	8.72E+00	-2.32E-02	0.00E+00
2.05E+01	6.61E+01	8.52E+00	-3.66E-02	0.00E+00
2.05E+01	6.60E+01	9.03E+00	-1.83E-02	0.00E+00
2.05E+01	6.61E+01	9.24E+00	-2.20E-02	0.00E+00
2.05E+01	6.61E+01	9.21E+00	-1.71E-02	0.00E+00
2.06E+01	6.60E+01	8.46E+00	-3.17E-02	0.00E+00
2.06E+01	6.60E+01	8.66E+00	-2.44E-02	0.00E+00

2.06E+01	6.60E+01	9.09E+00	-1.46E-02	0.00E+00
2.06E+01	6.60E+01	9.23E+00	-2.93E-02	0.00E+00
2.06E+01	6.61E+01	8.91E+00	-1.22E-02	0.00E+00
2.07E+01	6.61E+01	8.16E+00	-2.69E-02	0.00E+00
2.07E+01	6.61E+01	8.60E+00	-2.69E-02	0.00E+00
2.07E+01	6.60E+01	9.18E+00	-2.81E-02	0.00E+00
2.07E+01	6.60E+01	9.14E+00	-1.22E-02	0.00E+00
2.07E+01	6.61E+01	8.66E+00	-1.95E-02	0.00E+00
2.08E+01	6.60E+01	8.39E+00	-1.22E-02	0.00E+00
2.08E+01	6.61E+01	8.78E+00	-3.17E-02	0.00E+00
2.08E+01	6.61E+01	9.24E+00	-3.17E-02	0.00E+00
2.08E+01	6.61E+01	9.24E+00	-2.44E-02	0.00E+00
2.08E+01	6.60E+01	8.57E+00	-2.44E-02	0.00E+00
2.09E+01	6.61E+01	8.45E+00	-1.83E-02	0.00E+00
2.09E+01	6.61E+01	8.88E+00	-2.08E-02	0.00E+00
2.09E+01	6.60E+01	9.30E+00	-1.46E-02	0.00E+00
2.09E+01	6.60E+01	8.89E+00	-2.69E-02	0.00E+00
2.09E+01	6.60E+01	8.48E+00	-1.71E-02	0.00E+00
2.10E+01	6.60E+01	8.68E+00	-8.54E-03	0.00E+00
2.10E+01	6.60E+01	9.12E+00	-1.59E-02	0.00E+00
2.10E+01	6.60E+01	9.17E+00	-3.42E-02	0.00E+00
2.10E+01	6.60E+01	8.69E+00	-1.83E-02	0.00E+00
2.10E+01	6.59E+01	8.42E+00	-1.95E-02	0.00E+00
2.11E+01	6.61E+01	8.91E+00	-2.93E-02	0.00E+00
2.11E+01	6.60E+01	8.91E+00	-2.20E-02	0.00E+00
2.11E+01	6.61E+01	9.03E+00	-1.95E-02	0.00E+00
2.11E+01	6.61E+01	8.77E+00	-1.22E-02	0.00E+00
2.11E+01	6.60E+01	8.46E+00	-1.95E-02	0.00E+00
2.12E+01	6.60E+01	8.78E+00	-1.83E-02	0.00E+00
2.12E+01	6.60E+01	9.18E+00	-8.54E-03	0.00E+00
2.12E+01	6.61E+01	9.00E+00	-2.69E-02	0.00E+00
2.12E+01	6.61E+01	8.51E+00	-2.44E-02	0.00E+00
2.12E+01	6.60E+01	8.69E+00	-1.46E-02	0.00E+00
2.13E+01	6.62E+01	9.14E+00	-2.69E-02	0.00E+00
2.13E+01	6.60E+01	9.23E+00	-2.32E-02	0.00E+00
2.13E+01	6.61E+01	8.85E+00	-1.46E-02	0.00E+00
2.13E+01	6.60E+01	8.42E+00	-2.93E-02	0.00E+00
2.13E+01	6.60E+01	8.75E+00	-2.44E-03	0.00E+00
2.14E+01	6.60E+01	9.20E+00	-9.77E-03	0.00E+00
2.14E+01	6.60E+01	9.15E+00	-1.71E-02	0.00E+00
2.14E+01	6.61E+01	8.54E+00	-8.54E-03	0.00E+00
2.14E+01	6.60E+01	8.45E+00	-1.46E-02	0.00E+00
2.14E+01	6.61E+01	9.03E+00	-1.95E-02	0.00E+00
2.15E+01	6.63E+01	9.43E+00	-2.20E-02	0.00E+00
2.15E+01	6.62E+01	9.09E+00	-8.54E-03	0.00E+00
2.15E+01	6.60E+01	8.48E+00	-6.10E-03	0.00E+00
2.15E+01	6.60E+01	8.54E+00	7.32E-03	0.00E+00

2.15E+01	6.60E+01	9.29E+00	-2.44E-02	0.00E+00
2.16E+01	6.60E+01	9.18E+00	-2.20E-02	0.00E+00
2.16E+01	6.61E+01	8.72E+00	-2.69E-02	0.00E+00
2.16E+01	6.61E+01	8.40E+00	-2.81E-02	0.00E+00
2.16E+01	6.59E+01	8.95E+00	-1.22E-02	0.00E+00
2.16E+01	6.61E+01	9.30E+00	-2.56E-02	0.00E+00
2.17E+01	6.61E+01	9.20E+00	-2.08E-02	0.00E+00
2.17E+01	6.58E+01	8.51E+00	-2.44E-02	0.00E+00
2.17E+01	6.60E+01	8.75E+00	-1.83E-02	0.00E+00
2.17E+01	6.60E+01	9.09E+00	-1.95E-02	0.00E+00
2.17E+01	6.60E+01	9.23E+00	-1.46E-02	0.00E+00
2.18E+01	6.61E+01	8.91E+00	-4.39E-02	0.00E+00
2.18E+01	6.61E+01	8.43E+00	-1.59E-02	0.00E+00
2.18E+01	6.61E+01	8.68E+00	-2.20E-02	0.00E+00
2.18E+01	6.61E+01	9.33E+00	-4.76E-02	0.00E+00
2.18E+01	6.61E+01	9.23E+00	-4.88E-03	0.00E+00
2.19E+01	6.60E+01	8.55E+00	-1.46E-02	0.00E+00
2.19E+01	6.60E+01	8.51E+00	-1.95E-02	0.00E+00
2.19E+01	6.59E+01	9.01E+00	-1.71E-02	0.00E+00
2.19E+01	6.61E+01	9.43E+00	-1.71E-02	0.00E+00
2.19E+01	6.61E+01	8.88E+00	-1.46E-02	0.00E+00
2.20E+01	6.61E+01	8.45E+00	-2.44E-03	0.00E+00
2.20E+01	6.60E+01	8.57E+00	-2.69E-02	0.00E+00
2.20E+01	6.61E+01	9.24E+00	-2.20E-02	0.00E+00
2.20E+01	6.61E+01	9.30E+00	-2.81E-02	0.00E+00
2.20E+01	6.61E+01	8.71E+00	-2.81E-02	0.00E+00
2.21E+01	6.61E+01	8.55E+00	-1.71E-02	0.00E+00