UNIVERSITY OF NEVADA RENO

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PRINCIPAL FACTS FOR A SET OF REGIONAL GRAVITY DATA FOR THE RENO 1 BY 2° SHEET, NEVADA

by John W. Erwin

This information should be considered preliminary. It has not been edited or checked for completeness or accuracy.

See NMBG Map 58 (1977)

[redacted]

Reno Gravity

Reno Conv. Corr.
added to P.B.-1
not shown on
listing

SUMMARY FOR 500 STATIONS IN RENO NEVADA
COMPUTER TERRAIN CORRECTIONS CARRIED FROM CIRCULAR INNER RADIUS OF 2.290
TO 166.700 KILOMETERS. DENSITIES ARE 2.67 AND 2.50 DENSITY OF 2.67 IS USED FOR
VALUES IN COLUMNS LABELLED CC, TC, TER, (NEAR), AND TOT. TC-HAND CORRECTION
TER-TOTAL COMPUTER CORRECTION. (NEAR)-PART OF TOTAL THAT REPRESENTS CONTRIBUTION
OF COMPARTMENTS THAT INTERSECT INNER CIRCULAR RADIUS. TOT-HAND PLUS COMPUTER TERRAIN.

STATION	LATITUDE	LONGITUDE	ELEV	OBS GRAV	F.A.	S.B.1	S.B.2	CC	TC	TER	(NEAR)	TOT	C.B.1 (2.67)	C.B.2 (2.5)	ACC	STA
1	39 0.03	118 19.60	4710.0	979645.43	-3.68	-164.32	-154.09	1.37	0.0	0.82	0.20	0.82	-164.88	-154.61		1
2	39 0.20	118 0.40	5025.0	979600.94	-18.81	-190.20	-179.29	1.41	0.0	0.25	0.00	0.25	-191.36	-180.37		2
3	39 0.22	118 41.82	4290.0	979668.84	-20.03	-166.35	-157.03	1.31	0.0	0.16	0.06	0.16	-167.50	-158.11		3
4	39 0.60	118 31.77	4478.0	979658.88	-12.88	-165.61	-155.88	1.34	0.0	0.13	0.01	0.13	-166.82	-157.01		4
5	39 0.48	118 48.06	4265.0	979665.46	-26.14	-171.61	-162.35	1.31	0.0	0.26	0.03	0.26	-172.65	-163.33		5
6	39 1.12	118 23.56	5144.0	979616.68	6.76	-168.68	-157.51	1.43	0.0	0.54	0.16	0.54	-169.57	-158.34		6
7	39 1.20	118 48.00	4586.0	979652.30	-10.19	-166.60	-156.64	1.36	0.0	0.17	0.06	0.17	-167.78	-157.75		7
8	39 1.30	118 47.90	4420.0	979665.74	-12.50	-163.25	-153.65	1.33	0.0	0.16	0.04	0.16	-164.42	-154.75		8
9	39 1.33	118 47.90	4420.0	979657.73	-20.55	-171.30	-161.70	1.33	0.0	0.16	0.04	0.16	-172.47	-162.83		9
10	39 1.35	118 47.92	4420.0	979662.53	-15.78	-166.53	-156.93	1.33	0.0	0.16	0.04	0.16	-167.70	-158.03		10
11	39 1.75	118 38.20	4233.0	979668.37	-28.11	-172.48	-163.29	1.30	0.0	0.19	0.10	0.19	-173.59	-164.33		11
12	39 1.76	118 24.12	5272.0	979609.23	10.40	-169.41	-157.96	1.44	0.0	0.52	0.09	0.52	-170.33	-158.83		12
13	39 1.78	118 38.18	4266.0	979667.78	-25.64	-171.14	-161.88	1.31	0.0	0.15	0.11	0.15	-172.29	-162.95		13
14	39 1.95	118 18.15	5609.0	979593.50	26.06	-165.24	-153.06	1.47	0.0	0.97	0.12	0.97	-165.74	-153.53		14
15	39 1.97	118 23.95	5280.0	979610.03	11.64	-168.44	-156.97	1.44	0.0	0.54	0.06	0.54	-169.34	-157.82		15
16	39 2.00	118 1.40	5127.0	979602.94	-9.87	-184.74	-173.60	1.43	0.0	0.29	0.01	0.29	-185.88	-174.67		16
17	39 2.23	118 1.70	5103.0	979600.92	-14.49	-188.53	-177.45	1.42	0.0	0.32	0.02	0.32	-189.63	-178.48		17
18	39 2.23	118 1.70	5103.0	979601.13	-14.28	-188.32	-177.24	1.42	0.0	0.32	0.02	0.32	-189.42	-178.27		18
19	39 2.28	118 53.77	4371.0	979658.37	-25.92	-175.00	-165.50	1.32	0.0	0.39	0.03	0.39	-175.93	-166.38		19
20	39 2.28	118 53.80	4371.0	979658.77	-25.52	-174.60	-165.10	1.32	0.0	0.40	0.03	0.40	-175.52	-165.97		20
21	39 2.30	118 20.80	5746.0	979587.46	32.38	-163.59	-151.11	1.48	0.0	1.13	0.14	1.13	-163.94	-151.44		21
22	39 2.30	118 59.10	4766.0	979648.14	0.95	-161.60	-151.25	1.38	0.0	0.28	0.08	0.28	-162.70	-152.28		22
23	39 2.42	118 59.12	4766.0	979648.26	0.90	-161.65	-151.30	1.38	0.0	0.27	0.08	0.27	-162.77	-152.35		23
24	39 2.60	118 24.38	5218.0	979612.52	7.38	-170.59	-159.26	1.43	0.0	0.51	0.08	0.51	-171.51	-160.12		24
25	39 2.72	118 51.50	4222.0	979671.46	-27.48	-171.48	-162.31	1.30	0.0	0.28	0.03	0.28	-172.49	-163.26		25
26	39 2.89	118 37.31	4617.0	979654.19	-7.87	-165.34	-155.31	1.36	0.0	0.05	0.05	0.05	-166.65	-156.54		26
27	39 2.98	118 47.71	4724.0	979647.46	-4.67	-165.79	-155.53	1.38	0.0	0.12	0.02	0.12	-167.05	-156.71		27
28	39 3.00	118 47.70	4225.0	979647.84	-51.23	-195.33	-186.15	1.30	0.0	0.43	0.18	0.43	-196.20	-186.97		28
29	39 3.02	118 32.75	4422.0	979665.16	-15.42	-166.24	-156.64	1.33	0.0	0.08	0.01	0.08	-167.49	-157.81		29
30	39 3.04	118 25.16	5131.0	979607.77	-6.20	-181.20	-170.05	1.43	0.0	0.46	0.07	0.46	-182.16	-170.96		30
31	39 3.15	118 51.25	4321.0	979664.29	-25.98	-173.35	-163.97	1.32	0.0	0.17	0.01	0.17	-174.50	-165.04		31
32	39 3.20	118 6.10	6033.0	979563.01	33.58	-172.18	-159.08	1.50	0.0	1.01	0.08	1.01	-172.67	-159.53		32
33	39 3.27	118 30.88	4548.0	979651.30	-17.80	-172.92	-163.04	1.35	0.0	0.15	0.01	0.15	-174.12	-164.16		33
34	39 3.27	118 30.90	4549.0	979653.43	-15.58	-170.73	-160.85	1.35	0.0	0.15	0.01	0.15	-171.93	-161.97		34
35	39 3.28	118 33.75	4345.0	979668.23	-19.97	-168.16	-158.73	1.32	0.0	0.10	0.02	0.10	-169.39	-159.87		35
36	39 3.32	118 26.00	5055.0	979607.23	-14.29	-186.70	-175.72	1.42	0.0	0.40	0.02	0.40	-187.72	-176.68		36
37	39 3.40	118 24.86	5202.0	979605.16	-2.66	-180.08	-168.79	1.43	0.0	0.49	0.03	0.49	-181.03	-169.67		37
38	39 3.53	118 26.25	5054.0	979607.80	-14.12	-186.50	-175.52	1.42	0.0	0.37	0.03	0.37	-187.54	-176.50		38
39	39 3.53	118 34.70	4326.0	979671.57	-18.78	-166.33	-156.93	1.32	0.0	0.08	0.04	0.08	-167.56	-158.09		39
40	39 3.55	118 36.62	4378.0	979670.07	-15.43	-164.74	-155.24	1.32	0.0	0.02	0.04	0.02	-166.05	-156.46		40
41	39 3.60	118 29.00	4748.0	979639.08	-11.71	-173.65	-163.34	1.38	0.0	0.24	0.03	0.24	-174.79	-164.41		41
42	39 3.61	118 30.01	4631.0	979645.42	-16.38	-174.33	-164.27	1.36	0.0	0.19	0.02	0.19	-175.50	-165.37		42
43	39 3.67	118 29.20	4748.0	979639.39	-11.50	-173.44	-163.13	1.38	0.0	0.22	0.03	0.22	-174.60	-164.22		43
44	39 3.72	118 27.04	4973.0	979615.07	-14.75	-184.36	-173.56	1.41	0.0	0.32	0.03	0.32	-185.45	-174.58		44
45	39 3.37	118 35.64	4332.0	979672.05	-17.50	-165.25	-155.85	1.32	0.0	0.06	0.05	0.06	-166.51	-157.02		45
46	39 3.74	118 47.22	4650.0	979656.33	-3.88	-162.47	-152.38	1.37	0.0	0.10	0.02	0.10	-163.74	-153.56		46
47	39 3.75	118 28.00	4867.0	979628.93	-10.90	-176.89	-166.32	1.39	0.0	0.27	0.03	0.27	-178.02	-167.38		47
48	39 3.90	118 2.00	5247.0	979603.24	-1.09	-180.04	-168.65	1.44	0.0	0.33	0.02	0.33	-181.15	-169.68		48
49	39 3.92	118 42.45	6084.0	979555.86	30.17	-177.34	-164.12	1.50	0.0	4.75	1.25	4.75	-174.09	-161.08	9.02	49 -177.0
50	39 3.95	118 14.40	5363.0	979599.01	5.51	-177.40	-165.76	1.45	0.0	0.51	0.06	0.51	-178.34	-166.64		50
51	39 4.07	118 14.05	5323.0	979601.14	3.70	-177.84	-166.29	1.45	0.0	0.53	0.07	0.53	-178.76	-167.14		51
52	39 4.32	118 25.00	5268.0	979601.14	-1.83	-181.51	-170.07	1.44	0.0	0.55	0.06	0.55	-182.40	-170.90		52
53	39 4.40	118 18.00	5049.0	979626.00	2.33	-169.88	-158.91	1.42	0.0	0.89	0.15	0.89	-170.41	-159.41		53

54	39	4.40	118	18.00	5049.0	979625.97	2.30	-169.91	-158.94	1.42	0.0	0.89	0.15	0.89	-170.44	-159.44		54	
55	39	4.40	118	46.90	4755.0	979651.54	0.23	-161.94	-151.62	1.38	0.0	0.12	0.03	0.12	-163.20	-152.80		55	
56	39	4.42	118	46.93	4755.0	979651.10	-0.24	-162.41	-152.09	1.38	0.0	0.12	0.03	0.12	-163.67	-153.27		56	
57	39	4.42	118	46.95	4755.0	979651.76	0.42	-161.75	-151.43	1.38	0.0	0.12	0.03	0.12	-163.01	-152.61		57	
58	39	4.59	118	56.04	4296.0	979661.84	-32.89	-179.41	-170.09	1.31	0.0	0.21	0.06	0.21	-180.52	-171.12		58	
59	39	4.59	118	56.05	4296.0	979661.30	-33.43	-179.95	-170.63	1.31	0.0	0.21	0.06	0.21	-181.06	-171.66		59	
60	39	4.77	118	2.80	5277.0	979603.62	0.83	-179.15	-167.69	1.44	0.0	0.37	0.02	0.37	-180.22	-168.70		60	
61	39	4.77	118	2.80	5277.0	979603.81	1.02	-178.96	-167.50	1.44	0.0	0.37	0.02	0.37	-180.03	-168.51		61	
62	39	5.00	118	25.05	5220.0	979610.43	1.95	-176.09	-164.76	1.44	0.0	0.63	0.07	0.63	-176.90	-165.51		62	
63	39	5.08	118	25.32	5236.0	979609.25	2.15	-176.43	-165.06	1.44	0.0	0.58	0.07	0.58	-177.28	-165.86		63	
64	39	5.23	118	57.14	4285.0	979661.62	-35.09	-181.24	-171.93	1.31	0.0	0.14	0.04	0.14	-182.40	-173.02		64	
65	39	5.25	118	35.05	4357.0	979670.22	-19.75	-168.35	-158.89	1.32	0.0	0.11	0.03	0.11	-169.56	-160.02		65	
66	39	5.35	118	11.10	5778.0	979580.55	23.99	-173.07	-160.53	1.48	0.0	0.70	0.08	0.70	-173.85	-161.26		66	
67	39	5.40	118	46.70	4744.0	979651.85	-1.97	-163.77	-153.46	1.38	0.0	0.15	0.04	0.15	-165.00	-154.62		67	
68	39	5.47	118	39.71	4122.0	979681.87	-30.52	-171.10	-162.15	1.28	0.0	0.29	0.08	0.29	-172.09	-163.08		68	
69	39	5.48	118	39.69	4122.0	979681.27	-31.13	-171.72	-162.77	1.28	0.0	0.29	0.08	0.29	-172.71	-163.70		69	
70	39	5.64	118	24.80	5394.0	979607.64	14.57	-169.40	-157.69	1.45	0.0	0.76	0.13	0.76	-170.09	-158.34		70	
71	39	5.80	118	58.12	4280.0	979662.01	-36.01	-181.98	-172.69	1.31	0.0	0.10	0.01	0.10	-183.20	-173.83		71	
72	39	5.90	118	2.50	5365.0	979598.44	2.26	-180.72	-169.07	1.45	0.0	0.38	0.05	0.38	-181.79	-170.08		72	
73	39	6.30	118	45.50	4563.0	979667.34	-4.81	-160.44	-150.53	1.35	0.0	0.25	0.14	0.25	-161.54	-151.56		73	
74	39	6.30	118	46.80	4563.0	979666.96	-5.19	-160.82	-150.91	1.35	0.0	0.27	0.13	0.27	-161.91	-151.93		74	
75	39	6.32	118	41.16	4006.0	979686.45	-38.09	-174.72	-166.02	1.26	0.0	0.50	0.05	0.50	-175.48	-166.74		75	
76	39	6.35	118	59.07	4275.0	979665.28	-34.02	-179.82	-170.54	1.31	0.0	0.08	0.01	0.08	-181.05	-171.69		76	
77	39	6.38	118	59.09	4275.0	979664.71	-34.63	-180.44	-171.15	1.31	0.0	0.08	0.01	0.08	-181.66	-172.30		77	
78	39	6.40	118	17.90	4682.0	979635.45	-25.66	-185.35	-175.18	1.37	0.0	1.13	0.12	1.13	-185.58	-175.40		78	
79	39	6.44	118	25.00	5394.0	979609.77	15.52	-168.45	-156.74	1.45	0.0	0.80	0.16	0.80	-169.10	-157.34		79	
80	39	6.60	118	2.50	5459.0	979583.58	-4.80	-190.98	-179.13	1.46	0.0	0.38	0.03	0.38	-192.06	-180.14		80	
81	39	6.70	118	41.80	3984.0	979688.34	-38.83	-174.71	-166.06	1.26	0.0	0.52	0.13	0.52	-175.45	-166.75		81	
82	39	6.79	118	49.14	6042.0	979567.66	33.80	-172.27	-159.15	1.50	0.0	3.88	0.85	3.88	-169.89	-156.92	7.35	82	-172.0
83	39	6.80	118	56.36	4236.0	979662.46	-41.17	-185.64	-176.44	1.30	0.0	0.12	0.01	0.12	-186.82	-177.55		83	
84	39	6.90	118	6.70	5656.0	979584.24	13.94	-178.97	-166.69	1.47	0.0	0.47	0.03	0.47	-179.97	-167.62		84	
85	39	7.02	118	46.00	4425.0	979678.80	-7.38	-158.30	-148.70	1.33	0.0	0.34	0.10	0.34	-159.30	-149.63		85	
86	39	7.10	118	16.15	4703.0	979634.21	-25.96	-186.36	-176.15	1.37	0.0	0.81	0.06	0.81	-186.93	-176.68		86	
87	39	7.20	118	24.85	5503.0	979607.21	22.09	-165.60	-153.65	1.46	0.0	0.91	0.18	0.91	-166.15	-154.17		87	
88	39	7.20	118	25.28	5488.0	979605.98	19.45	-167.73	-155.81	1.46	0.0	0.84	0.14	0.84	-168.35	-156.39		88	
89	39	7.35	118	42.05	3935.0	979691.29	-41.44	-175.65	-167.11	1.25	0.0	0.43	0.03	0.43	-176.47	-167.87		89	
90	39	7.60	118	45.50	4266.0	979691.70	-10.28	-155.78	-146.52	1.31	0.0	0.44	0.20	0.44	-156.65	-147.33		90	
91	39	7.65	118	53.06	4568.0	979661.28	-12.39	-168.19	-158.27	1.35	0.0	0.19	0.04	0.19	-169.35	-159.35		91	
92	39	7.67	118	14.45	5167.0	979614.16	-3.24	-179.46	-168.24	1.43	0.0	0.87	0.27	0.87	-180.02	-168.77		92	
93	39	7.70	118	1.60	5481.0	979583.24	-4.69	-191.63	-179.72	1.46	0.0	0.43	0.03	0.43	-192.66	-180.69		93	
94	39	7.79	118	45.55	4264.0	979690.86	-11.59	-157.02	-147.76	1.31	0.0	0.44	0.20	0.44	-157.89	-148.57		94	
95	39	7.80	118	45.56	4267.0	979691.64	-10.54	-156.08	-146.81	1.31	0.0	0.44	0.20	0.44	-156.94	-147.62		95	
96	39	7.80	118	45.60	4264.0	979691.64	-10.83	-156.26	-147.00	1.31	0.0	0.45	0.19	0.45	-157.11	-147.80		96	
97	39	7.93	118	9.25	5484.0	979594.53	6.55	-180.49	-168.58	1.46	0.0	0.68	0.06	0.68	-181.28	-169.32		97	
98	39	7.96	118	25.60	5289.0	979622.95	16.59	-163.79	-152.31	1.44	0.0	0.73	0.06	0.73	-164.51	-152.98		98	
99	39	8.08	118	44.21	4063.0	979694.95	-26.82	-165.40	-156.57	1.27	0.0	0.44	0.09	0.44	-166.23	-157.36		99	
100	39	8.17	118	35.31	4658.0	979669.39	3.42	-155.45	-145.34	1.37	0.0	0.25	0.10	0.25	-156.57	-146.38		100	
101	39	8.17	118	35.34	4658.0	979669.88	3.91	-154.96	-144.85	1.37	0.0	0.25	0.10	0.25	-156.08	-145.89		101	
102	39	8.31	118	31.62	5749.0	979593.71	30.07	-166.01	-153.52	1.48	0.0	1.41	0.14	1.61	-165.88	-153.40	3.45	102	-165.7
103	39	8.33	118	1.10	5506.0	979577.85	-8.65	-196.45	-184.49	1.46	0.0	0.43	0.02	0.43	-197.47	-185.45		103	
104	39	8.50	118	39.71	3896.0	979702.05	-36.04	-168.92	-160.46	1.24	0.0	0.33	0.02	0.33	-169.83	-161.31		104	
105	39	8.64	118	26.12	5034.0	979640.01	8.69	-163.01	-152.07	1.41	0.0	0.81	0.26	0.81	-163.61	-152.64		105	
106	39	8.78	118	44.75	4106.0	979693.61	-25.15	-165.19	-156.28	1.28	0.0	0.42	0.10	0.42	-166.05	-157.08		106	
107	39	9.16	118	34.82	4859.0	979665.69	17.15	-148.57	-138.02	1.39	0.0	0.30	0.06	0.30	-149.67	-139.04		107	
108	39	9.28	118	26.56	4791.0	979657.26	2.15	-161.25	-150.85	1.38	0.0	0.99	0.34	0.99	-161.64	-151.22		108	
109	39	9.60	118	44.30	4026.0	979697.84	-29.65	-166.96	-158.22	1.26	0.0	0.39	0.04	0.39	-167.84	-159.04		109	
110	39	9.65	118	44.30	4025.0	979697.27	-30.39	-167.66	-158.92	1.26	0.0	0.39	0.04	0.39	-168.54	-159.74		110	
111	39	9.96	118	55.05	5754.0	979592.80	27.20	-169.04	-156.55	1.48	0.0	2.53	0.66	2.53	-168.00	-155.57	5.59	111	-168.8
112	39	10.03	118	8.40	5788.0	979572.95	10.45	-186.96	-174.39	1.48	0.0	1.16	0.31	1.16	-187.28	-174.69		112	
113	39	10.10	118	1.70	5702.0	979569.24	-1.45	-195.93	-183.54	1.48	0.0	0.51	0.02	0.51	-196.90	-184.45		113	
114	39	10.12	118	26.48	4561.0	979668.71	-9.25	-164.81	-154.91	1.35	0.0	1.21	0.57	1.21	-164.95	-155.04		114	

115	39	10.23	118	49.74	4967.0	979652.62	12.66	-156.75	-145.96	1.41	0.0	0.49	0.15	0.49	-157.67	-146.82			115
116	39	10.33	118	18.40	4427.0	979649.80	-41.07	-192.06	-182.44	1.33	0.0	0.75	0.02	0.75	-192.64	-182.99			116
117	39	10.37	118	26.75	4588.0	979649.24	-6.55	-163.03	-153.07	1.36	0.0	1.05	0.32	1.05	-163.34	-153.36			117
118	39	10.45	118	44.35	3895.0	979709.92	-31.14	-163.98	-155.52	1.24	0.0	0.63	0.07	0.63	-164.59	-156.10			118
119	39	10.47	118	14.90	4551.0	979641.21	-38.21	-193.43	-183.54	1.35	0.0	0.90	0.06	0.90	-193.88	-183.97			119
120	39	10.68	118	27.16	4374.0	979676.25	-20.12	-169.30	-159.80	1.32	0.0	1.34	0.50	1.34	-169.28	-159.79			120
121	39	11.05	118	18.60	4390.0	979651.78	-43.63	-193.35	-183.82	1.33	0.0	0.67	0.06	0.67	-194.01	-184.44			121
122	39	11.18	118	44.40	3924.0	979713.00	-26.40	-160.24	-151.72	1.25	0.0	0.61	0.06	0.61	-160.88	-152.32			122
123	39	11.20	118	44.40	3924.0	979712.84	-26.59	-160.43	-151.91	1.25	0.0	0.61	0.06	0.61	-161.07	-152.50			123
124	39	11.20	118	44.41	3919.0	979712.51	-27.39	-161.06	-152.55	1.24	0.0	0.62	0.13	0.62	-161.69	-153.14			124
125	39	11.40	118	1.75	5526.0	979582.22	-6.92	-195.40	-183.40	1.46	0.0	0.61	0.08	0.61	-196.25	-184.20			125
126	39	11.52	118	27.04	4187.0	979686.43	-28.75	-171.55	-162.46	1.29	0.0	1.26	0.27	1.26	-171.59	-162.50			126
127	39	11.64	118	39.53	5267.0	979635.49	21.65	-157.99	-146.55	1.44	0.0	2.09	0.44	2.09	-157.34	-145.94			127
128	39	11.80	118	1.30	5422.0	979588.44	-11.07	-195.99	-184.22	1.45	0.0	0.63	0.08	0.63	-196.82	-184.99			128
129	39	11.90	118	36.36	4635.0	979671.64	-1.99	-160.07	-150.01	1.36	0.0	0.17	0.06	0.17	-161.27	-151.13			129
130	39	11.97	118	20.30	4519.0	979661.77	-22.87	-176.99	-167.18	1.35	0.0	0.69	0.21	0.69	-177.65	-167.80			130
131	39	12.09	118	44.38	3948.0	979718.83	-19.66	-154.31	-145.74	1.25	0.0	0.57	0.08	0.57	-154.99	-146.37			131
132	39	12.23	118	44.40	4028.0	979717.19	-13.98	-151.36	-142.62	1.26	0.0	0.44	0.04	0.44	-152.19	-143.39			132
133	39	12.30	118	27.05	4195.0	979686.94	-28.64	-171.71	-162.60	1.29	0.0	0.80	0.09	0.80	-172.21	-163.07			133
134	39	12.36	118	27.32	4061.0	979695.59	-32.67	-171.18	-162.36	1.27	0.0	1.03	0.12	1.03	-171.42	-162.58			134
135	39	12.62	118	43.53	4010.0	979725.60	-7.24	-144.61	-135.90	1.26	0.0	0.23	0.05	0.23	-145.63	-136.86			135
136	39	12.66	118	32.21	6105.0	979567.14	30.55	-177.67	-164.41	1.50	0.0	4.91	0.83	4.91	-174.26	-161.22			136
* 137	39	12.71	118	49.85	6404.0	979560.39	51.83	-166.59	-152.68	1.51	0.0	5.88	0.64	5.88	-162.22	-148.59	3.03		137 -166.3
138	39	12.80	118	24.50	4348.0	979684.00	-17.93	-166.23	-156.79	1.32	0.0	0.77	0.31	0.77	-166.77	-157.30			138
139	39	12.80	118	44.40	4027.0	979717.84	-14.27	-151.61	-142.87	1.26	0.0	0.40	0.04	0.40	-152.47	-143.67			139
140	39	13.23	118	1.10	5251.0	979601.21	-16.48	-195.57	-184.17	1.44	0.0	0.68	0.09	0.68	-196.33	-184.88			140
141	39	13.23	118	7.70	5760.0	979579.28	9.43	-187.02	-174.51	1.48	0.0	1.68	0.61	1.68	-186.82	-174.32			141
142	39	13.24	118	26.96	3970.0	979701.49	-36.62	-172.03	-163.40	1.25	0.0	0.76	0.02	0.76	-172.52	-163.87			142
143	39	13.67	118	19.00	4182.0	979678.05	-40.77	-183.40	-174.32	1.29	0.0	0.72	0.16	0.72	-183.97	-174.85			143
144	39	13.70	118	0.60	5100.0	979615.04	-17.53	-191.48	-180.40	1.42	0.0	0.74	0.09	0.74	-192.16	-181.04			144
145	39	13.70	118	42.40	4034.0	979719.76	-13.02	-150.60	-141.84	1.27	0.0	0.05	0.04	0.05	-151.82	-142.98			145
146	39	13.75	118	40.20	3989.0	979717.78	-19.30	-155.35	-146.69	1.26	0.0	0.05	0.05	0.05	-156.55	-147.82			146
147	39	14.15	118	44.94	4265.0	979706.35	-5.37	-150.84	-141.57	1.31	0.0	0.16	0.07	0.16	-151.98	-142.64			147
148	39	14.26	118	55.15	4621.0	979670.74	-7.68	-165.29	-155.25	1.36	0.0	0.20	0.03	0.20	-166.45	-156.34			148
149	39	14.45	118	26.35	3949.0	979704.90	-36.97	-171.66	-163.08	1.25	0.0	0.47	0.01	0.47	-172.44	-163.81			149
150	39	14.44	118	26.12	3955.0	979707.92	-33.37	-168.26	-159.67	1.25	0.0	0.49	0.01	0.49	-169.02	-160.39			150
151	39	14.52	118	44.42	4223.0	979710.44	-5.77	-149.81	-140.64	1.30	0.0	0.05	0.03	0.05	-151.05	-141.80			151
152	39	14.60	118	45.00	4099.0	979719.90	-8.09	-147.89	-138.99	1.28	0.0	0.20	0.11	0.20	-148.97	-140.00			152
153	39	14.70	118	16.80	4148.0	979666.95	-56.58	-198.05	-189.05	1.29	0.0	0.45	0.00	0.45	-198.89	-189.83			153
154	39	14.82	118	45.42	4112.0	979716.15	-10.94	-151.19	-142.26	1.28	0.0	0.21	0.12	0.21	-152.26	-143.26			154
155	39	14.90	118	17.60	4148.0	979673.24	-50.59	-192.06	-183.05	1.29	0.0	0.44	0.03	0.44	-192.91	-183.85			155
156	39	15.05	118	41.10	3961.0	979719.60	-22.03	-157.12	-148.52	1.25	0.0	-0.04	0.02	-0.04	-158.41	-149.73			156
157	39	15.13	118	10.70	5191.0	979626.53	0.41	-176.64	-165.37	1.43	0.0	1.47	0.27	1.47	-176.60	-165.33			157
158	39	15.36	118	25.04	3990.0	979711.08	-28.28	-164.36	-155.70	1.26	0.0	0.46	0.03	0.46	-165.16	-156.44			158
159	39	15.40	118	0.70	4792.0	979636.54	-27.49	-190.92	-180.52	1.38	0.0	0.79	0.05	0.79	-191.52	-181.08			159
160	39	15.53	118	46.86	3992.0	979726.34	-13.08	-149.23	-140.56	1.26	0.0	0.34	0.09	0.34	-150.15	-141.43			160
161	39	15.57	118	37.35	3934.0	979718.16	-26.77	-160.94	-152.40	1.25	0.0	0.02	0.01	0.02	-162.17	-153.55			161
162	39	15.69	118	46.03	3979.0	979725.44	-15.44	-151.15	-142.50	1.26	0.0	0.19	0.07	0.19	-152.21	-143.50			162
163	39	15.80	118	51.59	4033.0	979720.92	-15.04	-152.59	-143.83	1.27	0.0	0.36	0.08	0.36	-153.50	-144.69			163
164	39	15.90	118	23.30	4196.0	979704.60	-16.19	-159.30	-150.19	1.29	0.0	0.48	0.18	0.48	-160.11	-150.95			164
165	39	15.99	118	56.25	4575.0	979678.61	-6.68	-162.72	-152.79	1.35	0.0	0.08	0.03	0.08	-163.99	-153.98			165
166	39	16.00	118	56.26	4575.0	979678.97	-6.34	-162.38	-152.44	1.35	0.0	0.08	0.03	0.08	-163.65	-153.63			166
167	39	16.10	118	14.55	4148.0	979672.21	-53.38	-194.86	-185.85	1.29	0.0	0.57	0.03	0.57	-195.58	-186.52			167
168	39	16.10	118	24.80	4063.0	979710.42	-23.16	-161.74	-152.92	1.27	0.0	0.36	0.04	0.36	-162.65	-153.77			168
169	39	16.13	118	54.87	4301.0	979701.58	-9.68	-156.37	-147.03	1.31	0.0	0.04	0.02	0.04	-157.64	-148.22			169
170	39	16.16	118	53.03	4005.0	979729.10	-10.02	-146.62	-137.92	1.26	0.0	0.22	0.03	0.22	-147.67	-138.90			170
171	39	16.20	118	0.90	4695.0	979643.78	-30.54	-190.67	-180.48	1.37	0.0	0.78	0.05	0.78	-191.26	-181.03			171
172	39	16.28	118	24.44	4025.0	979711.40	-26.02	-163.30	-154.56	1.26	0.0	0.46	0.09	0.46	-164.11	-155.32			172
173	39	16.30	118	19.00	4274.0	979679.41	-34.63	-180.40	-171.12	1.31	0.0	0.29	0.08	0.29	-181.42	-172.08			173
174	39	16.30	118	21.60	4569.0	979680.60	-5.71	-161.55	-151.62	1.35	0.0	0.23	0.05	0.23	-162.66	-152.67			174
175	39	16.30	118	22.00	4570.0	979681.08	-5.14	-161.01	-151.08	1.35	0.0	0.26	0.05	0.26	-162.10	-152.11			175

176	39	16.30	118	46.40	3930.0	979722.34	-24.04	-158.08	-149.54	1.25	0.0	0.11	0.01	0.11	-159.22	-150.61	176
177	39	16.30	118	46.41	3930.0	979721.83	-24.55	-158.59	-150.05	1.25	0.0	0.11	0.01	0.11	-159.73	-151.12	177
178	39	16.40	118	20.00	4460.0	979679.42	-17.29	-169.40	-159.72	1.34	0.0	0.21	0.07	0.21	-170.53	-160.77	178
179	39	16.40	118	21.50	4579.0	979684.40	-1.12	-157.29	-147.35	1.36	0.0	0.22	0.05	0.22	-158.42	-148.41	179
180	39	16.40	118	57.80	4674.0	979676.48	-0.11	-159.52	-149.37	1.37	0.0	0.12	0.03	0.12	-160.78	-150.55	180
181	39	16.45	118	18.50	4268.0	979679.43	-35.40	-180.96	-171.70	1.31	0.0	0.25	0.03	0.25	-182.02	-172.69	181
182	39	16.50	118	18.60	4274.0	979679.30	-35.04	-180.61	-171.53	1.31	0.0	0.25	0.07	0.25	-181.87	-172.52	182
183	39	16.58	118	59.39	4528.0	979688.52	-2.06	-156.50	-146.66	1.35	0.0	0.01	0.01	0.01	-157.83	-147.91	183
184	39	16.59	118	59.40	4528.0	979688.00	-2.60	-157.03	-147.20	1.35	0.0	0.01	0.01	0.01	-158.37	-148.45	184
185	39	16.60	118	16.40	4153.0	979674.58	-51.28	-192.92	-183.91	1.29	0.0	0.29	0.00	0.29	-193.92	-184.84	185
186	39	16.60	118	21.00	4610.0	979674.05	-8.85	-166.08	-156.07	1.36	0.0	0.20	0.04	0.20	-167.24	-157.15	186
187	39	16.68	118	53.01	4005.0	979720.37	-19.52	-156.12	-147.42	1.26	0.0	0.11	0.02	0.11	-157.27	-148.50	187
188	39	16.70	118	16.90	4155.0	979674.56	-51.26	-192.97	-183.95	1.29	0.0	0.28	0.00	0.28	-193.98	-184.89	188
189	39	16.70	118	17.80	4167.0	979677.48	-47.21	-189.33	-180.28	1.29	0.0	0.29	0.03	0.29	-190.33	-181.22	189
190	39	16.73	118	25.15	3904.0	979714.80	-34.66	-167.81	-159.33	1.24	0.0	0.51	0.08	0.51	-168.54	-160.02	190
191	39	16.77	118	16.25	4146.0	979674.69	-52.08	-193.48	-184.48	1.29	0.0	0.30	0.00	0.30	-194.47	-185.41	191
192	39	16.80	118	16.30	4154.0	979674.50	-51.56	-193.24	-184.22	1.29	0.0	0.28	0.00	0.28	-194.24	-185.16	192
193	39	16.80	118	25.80	3805.0	979714.56	-44.31	-174.08	-165.82	1.22	0.0	0.56	0.02	0.56	-174.75	-166.45	193
194	39	16.90	118	15.80	4149.0	979673.47	-53.21	-194.72	-185.71	1.29	0.0	0.31	0.00	0.31	-195.70	-186.62	194
195	39	17.00	118	12.00	4424.0	979678.90	-22.07	-172.96	-163.35	1.33	0.0	0.57	0.03	0.57	-173.72	-164.07	195
196	39	17.00	118	13.40	4285.0	979675.86	-38.18	-184.33	-175.02	1.31	0.0	0.45	0.02	0.45	-185.18	-175.82	196
197	39	17.00	118	14.20	4189.0	979674.86	-48.20	-191.08	-181.98	1.29	0.0	0.43	0.01	0.43	-191.94	-182.79	197
198	39	17.03	118	12.85	4277.0	979675.94	-38.90	-184.77	-175.48	1.31	0.0	0.54	0.04	0.54	-185.54	-176.20	198
199	39	17.07	118	8.45	4564.0	979669.77	-18.15	-173.81	-163.90	1.35	0.0	0.81	0.13	0.81	-174.35	-164.40	199
200	39	17.10	118	10.00	4596.0	979669.94	-15.01	-171.77	-161.79	1.36	0.0	0.71	0.11	0.71	-172.41	-162.39	200
201	39	17.10	118	11.00	4558.0	979673.32	-15.20	-170.66	-160.76	1.35	0.0	0.62	0.06	0.62	-171.40	-161.45	201
202	39	17.10	118	11.90	4424.0	979678.90	-22.22	-173.11	-163.50	1.33	0.0	0.56	0.03	0.56	-173.88	-164.22	202
203	39	17.10	118	46.83	3911.0	979713.31	-36.03	-169.43	-160.93	1.24	0.0	-0.03	0.00	-0.03	-170.70	-162.12	203
204	39	17.13	118	10.85	4532.0	979674.29	-16.73	-171.30	-161.45	1.35	0.0	0.64	0.05	0.64	-172.01	-162.12	204
205	39	17.17	118	39.03	3920.0	979719.71	-28.89	-162.59	-154.08	1.24	0.0	-0.11	0.03	-0.11	-163.95	-155.35	205
206	39	17.17	118	51.00	3940.0	979729.39	-17.33	-151.71	-143.16	1.25	0.0	0.04	0.00	0.04	-152.92	-144.29	206
207	39	17.20	118	6.50	4391.0	979680.09	-24.28	-174.04	-164.51	1.33	0.0	1.01	0.04	1.01	-174.36	-164.81	207
208	39	17.20	118	7.80	4424.0	979676.13	-25.14	-176.03	-166.42	1.33	0.0	0.93	0.09	0.93	-176.43	-166.30	208
209	39	17.20	118	9.00	4565.0	979669.47	-18.55	-174.24	-164.33	1.35	0.0	0.75	0.12	0.75	-174.85	-164.89	209
210	39	17.24	118	1.16	4607.0	979656.52	-27.61	-184.74	-174.73	1.36	0.0	0.86	0.04	0.86	-185.24	-175.20	210
211	39	17.30	118	1.20	4604.0	979658.94	-25.56	-182.58	-172.59	1.36	0.0	0.87	0.04	0.87	-183.08	-173.05	211
212	39	17.30	118	1.60	4615.0	979659.37	-24.09	-181.50	-171.47	1.36	0.0	0.85	0.04	0.85	-182.01	-171.95	212
213	39	17.30	118	1.90	4623.0	979648.98	-33.73	-191.41	-181.37	1.36	0.0	0.84	0.07	0.84	-191.93	-181.86	213
214	39	17.30	118	2.90	4590.0	979666.35	-19.46	-176.01	-166.05	1.36	0.0	0.88	0.08	0.88	-176.49	-166.49	214
215	39	17.30	118	6.00	4436.0	979679.35	-20.94	-172.24	-162.60	1.33	0.0	0.92	0.01	0.92	-172.65	-162.99	215
216	39	17.30	118	27.00	3896.0	979712.63	-38.42	-171.30	-162.84	1.24	0.0	0.30	0.01	0.30	-172.24	-163.72	216
217	39	17.33	118	0.37	4643.0	979643.03	-37.84	-196.20	-186.12	1.36	0.0	0.81	0.01	0.81	-196.76	-186.64	217
218	39	17.40	118	3.00	4533.0	979674.42	-16.90	-171.50	-161.66	1.35	0.0	0.99	0.11	0.99	-171.86	-161.99	218
219	39	17.40	118	4.10	4470.0	979674.45	-22.79	-175.25	-165.54	1.34	0.0	1.05	0.12	1.05	-175.54	-165.81	219
220	39	17.40	118	5.70	4437.0	979679.30	-21.04	-172.37	-162.74	1.33	0.0	0.93	0.02	0.93	-172.78	-163.12	220
221	39	17.40	118	26.60	3894.0	979712.80	-38.59	-171.40	-162.94	1.24	0.0	0.36	0.00	0.36	-172.28	-163.77	221
222	39	17.43	118	6.60	4446.0	979674.97	-24.57	-176.21	-166.55	1.34	0.0	0.84	0.02	0.84	-176.70	-167.01	222
223	39	17.51	118	49.41	3925.0	979721.42	-27.21	-161.08	-152.56	1.25	0.0	-0.03	0.00	-0.03	-162.36	-153.75	223
224	39	17.60	118	0.0	4785.0	979630.30	-37.62	-200.82	-190.43	1.38	0.0	0.64	0.00	0.64	-201.56	-191.13	224
225	39	17.72	118	32.17	3918.0	979716.67	-32.93	-166.56	-158.05	1.24	0.0	0.09	0.03	0.09	-167.71	-159.13	225
226	39	17.80	118	28.50	3904.0	979716.69	-34.35	-167.50	-159.02	1.24	0.0	0.23	0.01	0.23	-168.51	-159.97	226
227	39	17.85	118	39.04	3912.0	979725.74	-24.62	-158.04	-149.55	1.24	0.0	-0.13	0.03	-0.13	-159.42	-150.84	227
228	39	17.90	118	9.50	4462.0	979678.99	-19.74	-171.92	-162.23	1.34	0.0	0.56	0.03	0.56	-172.70	-162.96	228
229	39	17.90	118	28.50	3923.0	979717.25	-32.15	-165.95	-157.43	1.25	0.0	0.22	0.05	0.22	-166.97	-158.39	229
230	39	17.96	118	46.88	3910.0	979710.19	-40.52	-173.87	-165.38	1.24	0.0	-0.13	0.00	-0.13	-175.24	-166.67	230
231	39	18.00	118	11.10	4617.0	979668.00	-16.31	-173.78	-163.75	1.36	0.0	0.42	0.05	0.42	-174.72	-164.63	231
232	39	18.00	118	29.20	3918.0	979716.80	-33.21	-166.84	-158.34	1.24	0.0	0.17	0.01	0.17	-167.92	-159.34	232
233	39	18.00	118	46.90	3911.0	979710.64	-40.03	-173.42	-164.93	1.24	0.0	-0.13	0.00	-0.13	-174.80	-166.22	233
234	39	18.40	118	17.60	4222.0	979676.48	-45.55	-189.54	-180.38	1.30	0.0	0.19	0.00	0.19	-190.65	-181.42	234
235	39	18.69	118	48.55	3920.0	979716.44	-34.40	-168.10	-159.59	1.24	0.0	-0.16	0.00	-0.16	-169.51	-160.91	235
236	39	18.85	118	46.86	3912.0	979711.18	-40.65	-174.08	-165.58	1.24	0.0	-0.19	0.00	-0.19	-175.51	-166.92	236

237	39	18.87	118	46.83	3912.0	979710.65	-41.21	-174.64	-166.14	1.24	0.0	-0.19	0.00	-0.19	-176.07	-167.45	237
238	39	18.90	118	30.10	3914.0	979718.76	-32.96	-166.45	-157.95	1.24	0.0	0.14	0.02	0.14	-167.55	-158.98	238
239	39	18.95	118	6.70	4389.0	979686.54	-20.60	-170.29	-160.76	1.33	0.0	0.80	0.02	0.80	-170.82	-161.25	239
240	39	19.04	118	37.93	3964.0	979727.73	-19.49	-154.69	-146.08	1.25	0.0	-0.18	0.02	-0.18	-156.12	-147.42	240
241	40	31.10	118	8.80	4343.0	979685.52	-132.71	-280.84	-271.41	1.32	0.0	-0.09	0.0	-0.09	-282.25	-272.73	241
NG 242	40	31.30	118	8.85	4284.0	979689.65	-134.43	-280.54	-271.23	1.31	0.0	-0.10	0.0	-0.10	-281.95	-272.55	242
243	40	31.30	118	8.85	4284.0	979689.71	-134.37	-280.48	-271.17	1.31	0.0	-0.10	0.0	-0.10	-281.89	-272.49	243
244	39	19.30	118	13.30	4248.0	979684.60	-36.31	-181.19	-171.97	1.30	0.0	0.25	0.00	0.25	-182.24	-172.95	244
245	39	19.50	118	30.80	3917.0	979717.44	-34.88	-168.48	-159.97	1.24	0.0	0.08	0.00	0.08	-169.64	-161.06	245
246	39	19.60	118	30.90	3927.0	979718.70	-32.83	-166.76	-158.24	1.25	0.0	0.07	0.00	0.07	-167.94	-159.34	246
247	39	19.67	118	35.17	3978.0	979731.30	-15.53	-151.21	-142.57	1.26	0.0	-0.14	0.01	-0.14	-152.60	-143.87	247
248	39	19.70	118	8.10	4243.0	979692.05	-29.92	-174.63	-165.42	1.30	0.0	0.73	0.03	0.73	-175.21	-165.96	248
249	39	19.70	118	46.80	3914.0	979712.94	-39.96	-173.45	-164.95	1.24	0.0	-0.22	0.00	-0.22	-174.91	-166.32	249
250	39	19.73	118	46.83	3914.0	979712.49	-40.45	-173.94	-165.44	1.24	0.0	-0.22	0.00	-0.22	-175.41	-166.82	250
251	39	20.12	118	58.94	4290.0	979717.10	-1.07	-147.39	-138.07	1.31	0.0	-0.05	0.05	-0.05	-148.75	-139.35	251
252	39	20.23	118	31.80	3923.0	979717.58	-35.25	-169.05	-160.53	1.25	0.0	-0.00	0.00	-0.00	-170.30	-161.70	252
253	39	20.24	118	31.35	3919.0	979718.60	-34.62	-168.29	-159.78	1.24	0.0	0.04	0.00	0.04	-169.49	-160.90	253
254	39	20.27	118	58.63	4282.0	979719.93	0.79	-145.26	-135.96	1.31	0.0	-0.05	0.05	-0.05	-146.61	-137.23	254
255	39	20.40	118	31.50	3918.0	979718.10	-35.45	-169.08	-160.57	1.24	0.0	0.03	0.00	0.03	-170.29	-161.71	255
256	39	20.77	118	38.21	3970.0	979731.14	-18.07	-153.47	-144.85	1.25	0.0	-0.21	0.01	-0.21	-154.94	-146.23	256
257	39	20.82	118	38.22	3970.0	979731.00	-18.28	-153.69	-145.06	1.25	0.0	-0.22	0.00	-0.22	-155.16	-146.44	257
258	39	20.83	118	11.90	4240.0	979692.45	-31.47	-176.08	-166.87	1.30	0.0	0.31	0.00	0.31	-177.07	-167.80	258
259	39	20.85	118	46.82	3923.0	979714.94	-38.81	-172.61	-164.09	1.25	0.0	-0.25	0.00	-0.25	-174.10	-165.49	259
260	39	20.90	118	32.50	3923.0	979719.44	-34.38	-168.18	-159.66	1.25	0.0	-0.04	0.00	-0.04	-169.47	-160.87	260
261	39	20.97	118	57.29	4332.0	979715.85	0.38	-147.37	-137.97	1.32	0.0	-0.04	0.06	-0.04	-148.73	-139.23	261
262	39	21.07	118	44.57	3914.0	979716.51	-38.41	-171.90	-163.40	1.24	0.0	-0.26	0.00	-0.26	-173.40	-164.81	262
263	39	21.08	118	44.60	3914.0	979717.06	-37.87	-171.36	-162.86	1.24	0.0	-0.26	0.00	-0.26	-172.87	-164.27	263
264	39	21.20	118	9.00	4180.0	979703.61	-26.49	-169.06	-159.98	1.29	0.0	0.71	0.02	0.71	-169.64	-160.52	264
265	39	21.20	118	47.60	3931.0	979717.11	-36.40	-170.47	-161.94	1.25	0.0	-0.25	0.00	-0.25	-171.97	-163.34	265
266	39	21.30	118	46.30	3949.0	979718.00	-33.97	-168.65	-160.08	1.25	0.0	-0.26	0.00	-0.26	-170.16	-161.49	266
267	39	21.43	118	33.20	3925.0	979723.28	-31.13	-165.00	-156.48	1.25	0.0	-0.08	0.00	-0.08	-166.32	-157.71	267
268	39	21.51	118	43.44	3911.0	979719.96	-35.89	-169.28	-160.78	1.24	0.0	-0.27	0.00	-0.27	-170.79	-162.20	268
269	39	21.52	118	43.50	3911.0	979720.52	-35.34	-168.73	-160.24	1.24	0.0	-0.27	0.00	-0.27	-170.24	-161.65	269
270	39	21.60	118	5.90	4716.0	979663.34	-16.97	-177.61	-167.57	1.37	0.0	1.13	0.09	1.13	-178.06	-167.80	270
271	39	21.60	118	18.10	4397.0	979686.18	-24.11	-174.08	-164.53	1.33	0.0	0.34	0.02	0.34	-175.06	-165.45	271
272	39	21.65	118	46.90	3930.0	979717.58	-36.69	-170.73	-162.19	1.25	0.0	-0.26	0.00	-0.26	-172.24	-163.61	272
273	39	21.87	118	55.54	4086.0	979730.85	-9.08	-148.44	-139.56	1.28	0.0	-0.07	0.04	-0.07	-149.78	-140.82	273
274	39	21.88	118	55.03	4086.0	979729.80	-10.14	-149.50	-140.63	1.28	0.0	-0.12	0.01	-0.12	-150.89	-141.93	274
275	39	21.90	118	34.00	3942.0	979729.34	-24.17	-158.62	-150.05	1.25	0.0	-0.11	0.02	-0.11	-159.97	-151.32	275
276	39	22.26	118	54.33	3964.0	979740.96	-11.01	-146.21	-137.60	1.25	0.0	-0.13	0.00	-0.13	-147.59	-138.89	276
277	39	22.47	118	35.50	3958.0	979737.02	-15.82	-150.82	-142.22	1.25	0.0	-0.17	0.01	-0.17	-152.24	-143.55	277
278	39	22.50	118	32.94	3951.0	979732.87	-20.68	-155.43	-146.85	1.25	0.0	-0.03	0.02	-0.03	-156.72	-148.06	278
279	39	22.50	118	46.80	3940.0	979720.14	-34.44	-168.82	-160.26	1.25	0.0	-0.28	0.00	-0.28	-170.35	-161.69	279
280	39	22.57	118	46.84	3939.0	979719.60	-35.18	-169.52	-160.97	1.25	0.0	-0.28	0.00	-0.28	-171.05	-162.40	280
281	39	22.80	118	15.35	4560.0	979673.63	-23.11	-178.64	-168.73	1.35	0.0	0.35	0.02	0.35	-179.64	-169.67	281
282	39	22.80	118	15.35	4563.0	979674.66	-21.80	-177.43	-167.52	1.35	0.0	0.35	0.02	0.35	-178.43	-168.46	282
283	39	22.80	118	36.40	3955.0	979741.50	-12.11	-147.00	-138.41	1.25	0.0	-0.19	0.01	-0.19	-148.44	-139.76	283
284	39	22.80	118	36.80	3955.0	979741.26	-12.35	-147.24	-138.65	1.25	0.0	-0.20	0.01	-0.20	-148.70	-140.02	284
285	39	22.80	118	38.91	3921.0	979739.14	-17.67	-151.40	-142.89	1.25	0.0	-0.23	0.00	-0.23	-152.88	-144.27	285
286	39	22.82	118	42.30	3919.0	979725.17	-31.86	-165.52	-157.01	1.24	0.0	-0.27	0.00	-0.27	-167.04	-158.43	286
287	39	22.91	118	32.58	3983.0	979735.58	-15.56	-151.41	-142.76	1.26	0.0	-0.01	0.04	-0.01	-152.67	-143.94	287
288	39	22.91	118	52.05	3953.0	979731.22	-22.74	-157.56	-148.98	1.25	0.0	-0.23	0.00	-0.23	-159.04	-150.37	288
X 289	39	32.17	118	9.80	4112.0	979713.47	-39.21	-179.45	-170.52	1.28	0.0	1.82	0.22	1.82	-178.91	-170.02	289
290	39	23.18	118	37.98	3930.0	979741.89	-14.63	-148.67	-140.14	1.25	0.0	-0.22	0.00	-0.22	-150.14	-141.51	290
291	39	23.19	118	37.31	3938.0	979742.80	-12.99	-147.30	-138.75	1.25	0.0	-0.20	0.01	-0.20	-148.75	-140.11	291
292	39	23.20	118	29.40	4218.0	979718.27	-11.21	-155.07	-145.91	1.30	0.0	0.30	0.10	0.30	-156.07	-146.84	292
293	39	23.25	118	37.80	3939.0	979743.10	-12.68	-147.03	-138.47	1.25	0.0	-0.22	0.00	-0.22	-148.49	-139.85	293
294	39	23.34	118	32.37	4031.0	979737.25	-10.01	-147.50	-138.74	1.27	0.0	-0.01	0.03	-0.01	-148.77	-139.93	294
295	39	23.35	118	32.40	4031.0	979737.01	-10.27	-147.75	-139.00	1.27	0.0	-0.01	0.03	-0.01	-149.03	-140.19	295
296	39	23.36	118	30.68	4086.0	979726.58	-15.54	-154.90	-146.03	1.28	0.0	0.16	0.04	0.16	-156.01	-147.07	296
297	39	23.37	118	32.40	4030.0	979736.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

298	39	23.37	118	32.42	4030.0	979737.11	-10.29	-147.74	-138.99	1.27	0.0	-0.01	0.03	-0.01	-149.02	-140.18	298
299	39	23.41	118	31.54	4021.0	979733.71	-14.60	-151.74	-143.01	1.26	0.0	0.09	0.03	0.09	-152.91	-144.10	299
300	39	23.50	118	38.50	3964.0	979741.96	-11.84	-147.04	-138.43	1.25	0.0	-0.23	0.00	-0.23	-148.52	-139.82	300
301	39	23.65	118	19.25	4851.0	979678.61	7.97	-157.48	-146.95	1.39	0.0	0.54	0.04	0.54	-158.33	-147.74	301
302	39	23.65	118	19.25	4851.0	979678.68	8.04	-157.41	-146.88	1.39	0.0	0.54	0.04	0.54	-158.26	-147.67	302
303	39	23.77	118	38.50	3938.0	979741.37	-15.27	-149.58	-141.03	1.25	0.0	-0.23	0.00	-0.23	-151.06	-142.42	303
304	39	23.98	118	46.82	3948.0	979722.42	-33.59	-168.24	-159.67	1.25	0.0	-0.29	0.00	-0.29	-169.78	-161.11	304
305	39	23.99	118	49.10	3955.0	979725.30	-30.07	-164.96	-156.37	1.25	0.0	-0.27	0.00	-0.27	-166.48	-157.80	305
306	39	24.00	118	39.00	3938.0	979742.90	-14.08	-148.39	-139.84	1.25	0.0	-0.24	0.00	-0.24	-149.88	-141.23	306
307	39	24.10	118	41.50	3925.0	979728.85	-29.50	-163.37	-154.84	1.25	0.0	-0.27	0.00	-0.27	-164.88	-156.26	307
308	39	24.10	118	42.20	3927.0	979726.60	-31.56	-165.50	-156.97	1.25	0.0	-0.27	0.00	-0.27	-167.02	-158.39	308
309	39	24.10	118	42.50	3928.0	979726.51	-31.56	-165.53	-157.00	1.25	0.0	-0.27	0.00	-0.27	-167.05	-158.42	309
310	39	24.10	118	43.50	3929.0	979724.78	-33.19	-167.20	-158.66	1.25	0.0	-0.27	0.00	-0.27	-168.72	-160.09	310
311	39	24.10	118	44.80	3933.0	979723.44	-34.16	-168.30	-159.76	1.25	0.0	-0.28	0.00	-0.28	-169.82	-161.18	311
312	39	24.10	118	45.50	3941.0	979722.90	-33.94	-168.36	-159.80	1.25	0.0	-0.28	0.00	-0.28	-169.89	-161.23	312
313	39	24.12	118	42.35	3926.0	979727.04	-31.24	-165.15	-156.62	1.25	0.0	-0.27	0.00	-0.27	-166.66	-158.04	313
314	39	24.12	118	42.35	3926.0	979727.03	-31.25	-165.16	-156.63	1.25	0.0	-0.27	0.00	-0.27	-166.67	-158.05	314
315	39	24.12	118	49.86	3957.0	979727.31	-28.06	-163.02	-154.43	1.25	0.0	-0.26	0.00	-0.26	-164.54	-155.85	315
316	39	24.15	118	40.00	3926.0	979733.69	-24.64	-158.54	-150.02	1.25	0.0	-0.25	0.00	-0.25	-160.04	-151.41	316
317	39	24.25	118	31.98	4146.0	979731.05	-6.75	-148.15	-139.15	1.29	0.0	0.00	0.01	0.00	-149.43	-140.35	317
318	39	24.61	118	56.80	4127.0	979733.85	-6.26	-147.02	-138.06	1.28	0.0	-0.04	0.09	-0.04	-148.34	-139.29	318
319	39	24.63	118	56.84	4127.0	979734.59	-5.55	-146.31	-137.35	1.28	0.0	-0.04	0.09	-0.04	-147.63	-138.58	319
320	39	24.65	118	22.55	5028.0	979667.72	12.24	-159.25	-148.33	1.41	0.0	0.62	0.08	0.62	-160.04	-149.07	320
321	39	24.78	118	58.04	4215.0	979726.60	-5.49	-149.25	-140.10	1.30	0.0	0.01	0.11	0.01	-150.54	-141.30	321
322	39	24.79	118	38.95	3926.0	979736.00	-23.27	-157.17	-148.65	1.25	0.0	-0.24	0.00	-0.24	-158.66	-150.04	322
323	39	24.80	118	4.20	5750.0	979593.02	5.13	-190.93	-178.45	1.48	0.0	1.58	0.21	1.58	-190.83	-178.35	323
324	39	24.88	118	46.82	3951.0	979724.71	-32.35	-167.10	-158.52	1.25	0.0	-0.29	0.00	-0.29	-168.64	-159.96	324
325	39	24.89	118	46.81	3950.0	979725.33	-31.84	-166.56	-157.98	1.25	0.0	-0.29	0.00	-0.29	-168.10	-159.42	325
326	39	24.90	118	46.80	3950.0	979725.14	-32.04	-166.76	-158.18	1.25	0.0	-0.29	0.00	-0.29	-168.30	-159.63	326
327	39	25.00	118	45.50	3950.0	979724.47	-32.86	-167.58	-159.00	1.25	0.0	-0.28	0.00	-0.28	-169.11	-160.44	327
328	39	25.00	118	45.70	3948.0	979724.80	-32.71	-167.37	-158.79	1.25	0.0	-0.28	0.00	-0.28	-168.90	-160.23	328
329	39	25.13	118	9.40	4057.0	979710.53	-36.93	-175.30	-166.49	1.27	0.0	1.23	0.05	1.23	-175.34	-166.52	329
330	39	25.20	118	58.51	4178.0	979727.73	-8.46	-150.96	-141.88	1.29	0.0	0.01	0.11	0.01	-152.24	-143.08	330
331	39	25.25	118	29.70	4383.0	979710.05	-6.94	-156.43	-146.91	1.33	0.0	0.27	0.06	0.27	-157.49	-147.90	331
332	39	25.26	118	31.64	4160.0	979728.12	-9.85	-151.73	-142.70	1.29	0.0	0.06	0.01	0.06	-152.96	-143.85	332
333	39	25.27	118	31.61	4160.0	979727.64	-10.34	-152.23	-143.19	1.29	0.0	0.06	0.01	0.06	-153.45	-144.34	333
334	39	25.50	118	20.10	5305.0	979655.17	24.47	-156.46	-144.94	1.44	0.0	0.99	0.12	0.99	-156.91	-145.36	334
335	39	25.53	118	25.80	4876.0	979677.06	6.00	-160.31	-149.72	1.40	0.0	0.52	0.06	0.52	-161.18	-150.54	335
336	39	25.62	118	39.20	3925.0	979734.89	-25.70	-159.57	-151.05	1.25	0.0	-0.25	0.00	-0.25	-161.06	-152.44	336
337	39	25.68	118	31.50	4143.0	979729.94	-10.25	-151.55	-142.55	1.29	0.0	0.08	0.03	0.08	-152.75	-143.68	337
338	~~39~~	~~25.78~~	~~118~~	~~31.52~~	~~414.0~~	~~970000.00~~	~~10090.89~~	~~-10105.04~~	~~-10104.14~~	~~0.10~~	~~0.0~~	~~30.32~~	~~0.83~~	~~30.32~~	~~**********~~	~~**********~~	338
339	39	25.78	118	31.52	4148.0	979729.20	-10.66	-152.14	-143.13	1.29	0.0	0.08	0.03	0.08	-153.34	-144.26	339
340	39	25.85	118	31.46	4148.0	979728.80	-11.17	-152.64	-143.63	1.29	0.0	0.09	0.04	0.09	-153.84	-144.76	340
341	39	25.87	118	46.84	3959.0	979727.23	-30.53	-165.56	-156.96	1.25	0.0	-0.29	0.00	-0.29	-167.10	-158.41	341
342	39	25.90	118	9.00	3998.0	979713.14	-41.00	-177.36	-168.68	1.26	0.0	1.55	0.08	1.55	-177.07	-168.41	342
343	39	25.90	118	45.50	3950.0	979727.47	-31.18	-165.90	-157.33	1.25	0.0	-0.29	0.00	-0.29	-167.44	-158.77	343
344	39	26.20	118	3.10	5760.0	979594.45	5.48	-190.97	-178.46	1.48	0.0	1.50	0.23	1.50	-190.96	-178.45	344
345	39	26.29	118	40.06	3928.0	979735.32	-25.98	-159.95	-151.42	1.25	0.0	-0.27	0.00	-0.27	-161.46	-152.84	345
346	39	29.40	118	3.20	5887.0	979594.59	12.84	-187.95	-175.16	1.49	0.0	3.05	0.52	3.05	-186.39	-173.70	346
347	39	26.40	118	3.20	5887.0	979594.60	17.27	-183.51	-170.73	1.49	0.0	1.66	0.13	1.66	-183.34	-170.57	347
348	39	26.42	118	34.80	4011.0	979739.48	-14.21	-151.01	-142.30	1.26	0.0	-0.13	0.01	-0.13	-152.40	-143.60	348
349	39	26.47	118	39.48	3926.0	979734.98	-26.77	-160.67	-152.15	1.25	0.0	-0.26	0.00	-0.26	-162.18	-153.56	349
350	39	26.54	118	31.36	4084.0	979735.48	-11.52	-150.81	-141.94	1.27	0.0	0.11	0.03	0.11	-151.98	-143.04	350
351	39	26.57	118	31.36	4084.0	979735.00	-12.04	-151.34	-142.47	1.27	0.0	0.11	0.03	0.11	-152.50	-143.56	351
352	39	26.62	118	59.38	4137.0	979727.92	-14.22	-155.32	-146.33	1.28	0.0	-0.09	0.02	-0.09	-156.69	-147.62	352
353	39	26.62	118	59.39	4137.0	979728.22	-13.92	-155.02	-146.03	1.28	0.0	-0.08	0.02	-0.08	-156.39	-147.32	353
354	39	26.74	118	50.20	3977.0	979733.03	-24.33	-159.97	-151.33	1.26	0.0	-0.28	0.00	-0.28	-161.50	-152.77	354
355	39	26.74	118	51.34	3981.0	979734.95	-22.03	-157.81	-149.16	1.26	0.0	-0.28	0.00	-0.28	-159.34	-150.60	355
356	39	26.76	118	47.96	3965.0	979731.75	-26.76	-162.00	-153.39	1.25	0.0	-0.29	0.00	-0.29	-163.54	-154.83	356
357	39	26.76	118	47.98	3965.0	979731.32	-27.19	-162.43	-153.82	1.25	0.0	-0.29	0.00	-0.29	-163.97	-155.26	357
358	39	26.80	118	45.50	3955.0	979730.24	-29.27	-164.16	-155.57	1.25	0.0	-0.29	0.00	-0.29	-165.71	-157.02	358

359	39	26.97	118	21.00	5706.0	979633.73	38.55	-156.06	-143.67	1.48	0.0	1.49	0.10	1.49	-156.04	-143.65		359	
360	39	26.97	118	21.00	5706.0	979633.69	38.51	-156.10	-143.71	1.48	0.0	1.49	0.10	1.49	-156.08	-143.69		360	
361	39	27.00	118	18.50	5860.0	979621.50	40.75	-159.11	-146.39	1.49	0.0	1.78	0.17	1.78	-158.82	-146.11		361	
362	39	27.00	118	46.90	3962.0	979731.84	-27.31	-162.44	-153.84	1.25	0.0	-0.29	0.00	-0.29	-163.98	-155.28		362	
363	39	27.01	118	46.86	3961.0	979731.35	-27.91	-163.00	-154.40	1.25	0.0	-0.29	0.00	-0.29	-164.55	-155.85		363	
364	39	27.20	118	31.32	3977.0	979743.89	-14.14	-149.79	-141.15	1.26	0.0	0.14	0.02	0.14	-150.90	-142.20		364	
365	39	27.23	118	31.33	3977.0	979744.47	-13.61	-149.25	-140.61	1.26	0.0	0.13	0.02	0.13	-150.37	-141.66		365	
366	39	27.29	118	31.36	3971.0	979745.40	-13.33	-148.77	-140.14	1.25	0.0	0.13	0.02	0.13	-149.89	-141.20		366	
367	39	27.30	118	31.35	3969.0	979745.56	-13.37	-148.74	-140.12	1.25	0.0	0.13	0.02	0.13	-149.86	-141.17		367	
368	39	27.37	118	23.75	5027.0	979669.35	9.76	-161.69	-150.77	1.41	0.0	0.92	0.09	0.92	-162.18	-151.24		368	
369	39	27.37	118	23.75	5027.0	979669.15	9.56	-161.89	-150.97	1.41	0.0	0.92	0.09	0.92	-162.38	-151.44		369	
370	39	27.55	118	39.80	3929.0	979738.19	-24.87	-158.86	-150.34	1.25	0.0	-0.27	0.00	-0.27	-160.39	-151.76		370	
371	39	27.59	118	44.66	3952.0	979734.51	-26.45	-161.24	-152.66	1.25	0.0	-0.30	0.00	-0.30	-162.78	-154.10		371	
372	39	27.60	118	52.46	3990.0	979736.58	-20.82	-156.91	-148.24	1.26	0.0	-0.27	0.00	-0.27	-158.43	-149.67		372	
373	39	27.61	118	52.50	3990.0	979736.39	-21.03	-157.11	-148.45	1.26	0.0	-0.27	0.00	-0.27	-158.64	-149.88		373	
374	39	27.62	118	32.25	3936.0	979742.95	-19.56	-153.80	-145.25	1.25	0.0	0.01	0.00	0.01	-155.04	-146.41		374	
375	39	27.62	118	53.57	4000.0	979736.41	-20.08	-156.51	-147.82	1.26	0.0	-0.26	0.00	-0.26	-158.03	-149.25		375	
376	39	27.62	118	57.95	4035.0	979734.37	-18.83	-156.45	-147.69	1.27	0.0	-0.16	0.00	-0.16	-157.88	-149.03		376	
377	39	27.63	118	57.95	4034.0	979733.91	-19.40	-156.99	-148.22	1.27	0.0	-0.16	0.00	-0.16	-158.41	-149.56		377	
378	39	27.64	118	32.25	3936.0	979742.46	-20.08	-154.32	-145.77	1.25	0.0	0.01	0.00	0.01	-155.56	-146.93		378	
379	39	27.65	118	46.76	3966.0	979733.44	-26.29	-161.56	-152.95	1.25	0.0	-0.29	0.00	-0.29	-163.10	-154.39		379	
380	39	27.75	118	3.60	5225.0	979636.22	-5.32	-183.52	-172.18	1.44	0.0	1.68	0.20	1.68	-183.28	-171.95		380	
381	39	27.81	118	33.09	3929.0	979739.90	-23.55	-157.55	-149.02	1.25	0.0	-0.07	0.00	-0.07	-158.87	-150.25		381	
382	39	27.83	118	33.14	3929.0	979739.34	-24.14	-158.14	-149.61	1.25	0.0	-0.07	0.00	-0.07	-159.46	-150.84		382	
383	39	27.85	118	24.25	5044.0	979668.62	9.92	-162.11	-151.16	1.42	0.0	0.88	0.08	0.88	-162.65	-151.66		383	
384	39	28.20	118	46.10	3961.0	979738.40	-22.61	-157.71	-149.11	1.25	0.0	-0.30	0.00	-0.30	-159.26	-150.56		384	
385	39	28.20	118	46.10	3961.0	979738.38	-22.63	-157.73	-149.13	1.25	0.0	-0.30	0.00	-0.30	-159.28	-150.58		385	
386	39	28.20	118	46.10	3961.0	979738.00	-23.01	-158.11	-149.51	1.25	0.0	-0.30	0.00	-0.30	-159.66	-150.96		386	
387	39	28.30	118	9.50	3900.0	979719.77	-47.12	-180.14	-171.67	1.24	0.0	1.57	0.07	1.57	-179.81	-171.36		387	
388	39	28.30	118	45.50	3957.0	979738.67	-22.87	-157.83	-149.23	1.25	0.0	-0.30	0.00	-0.30	-159.38	-150.68		388	
389	39	28.21	118	45.98	3956.0	979738.80	-22.70	-157.62	-149.03	1.25	0.0	-0.30	0.00	-0.30	-159.17	-150.48		389	
390	39	28.31	118	45.98	3956.0	979738.64	-23.01	-157.93	-149.34	1.25	0.0	-0.30	0.00	-0.30	-159.48	-150.79		390	
391	39	28.42	118	40.70	3932.0	979739.39	-24.68	-158.78	-150.24	1.25	0.0	-0.28	0.00	-0.28	-160.31	-151.67		391	
392	39	28.50	118	4.15	5225.0	979633.18	-9.46	-187.67	-176.32	1.44	0.0	1.64	0.17	1.64	-187.46	-176.13		392	
393	39	28.50	118	33.52	3913.0	979744.22	-21.75	-155.21	-146.71	1.24	0.0	-0.11	0.00	-0.11	-156.56	-147.98		393	
394	39	28.50	118	42.07	3937.0	979739.30	-24.41	-158.69	-150.14	1.25	0.0	-0.28	0.00	-0.28	-160.22	-151.58		394	
395	39	28.50	118	42.07	3937.0	979739.34	-24.37	-158.65	-150.10	1.25	0.0	-0.28	0.00	-0.28	-160.18	-151.54		395	
396	39	28.50	118	46.60	3964.0	979737.80	-23.37	-158.57	-149.96	1.25	0.0	-0.30	0.00	-0.30	-160.12	-151.41		396	
397	39	28.50	118	58.05	4042.0	979733.91	-19.93	-157.79	-149.01	1.27	0.0	-0.17	0.00	-0.17	-159.22	-150.35		397	
398	39	28.52	118	33.52	3913.0	979743.64	-22.36	-155.82	-147.32	1.24	0.0	-0.11	0.00	-0.11	-157.17	-148.59		398	
399	39	28.52	118	41.18	3936.0	979738.87	-24.97	-159.21	-150.66	1.25	0.0	-0.28	0.00	-0.28	-160.74	-152.09		399	
400	39	28.75	118	46.50	3965.0	979738.73	-22.72	-157.95	-149.34	1.25	0.0	-0.30	0.00	-0.30	-159.50	-150.79		400	
401	39	28.82	118	48.90	3976.0	979739.74	-20.78	-156.39	-147.75	1.26	0.0	-0.30	0.00	-0.30	-157.94	-149.21		401	
402	39	28.95	118	42.33	3937.0	979739.93	-24.45	-158.72	-150.17	1.25	0.0	-0.29	0.00	-0.29	-160.26	-151.61		402	
403	39	28.95	118	43.14	3949.0	979739.86	-23.39	-158.07	-149.50	1.25	0.0	-0.29	0.00	-0.29	-159.62	-150.94		403	
404	39	28.95	118	44.01	3946.0	979741.46	-22.07	-156.65	-148.09	1.25	0.0	-0.30	0.00	-0.30	-158.20	-149.53		404	
405	39	28.96	118	44.00	3946.0	979741.28	-22.26	-156.85	-148.28	1.25	0.0	-0.30	0.00	-0.30	-158.40	-149.73		405	
406	39	29.17	118	19.30	6822.0	979567.27	54.93	-170.93	-156.55	1.52	0.0	-3.75	0.06	-3.75	-168.69	-154.46		406	158.6
407	39	29.37	118	36.80	3912.0	979735.12	-32.23	-165.65	-157.15	1.24	0.0	-0.24	0.00	-0.24	-167.13	-158.54		407	
408	39	29.37	118	36.87	3912.0	979735.51	-31.84	-165.26	-156.76	1.24	0.0	-0.24	0.00	-0.24	-166.74	-158.15		408	
409	39	29.37	118	41.19	3929.0	979740.71	-25.04	-159.04	-150.51	1.25	0.0	-0.28	0.00	-0.28	-160.57	-151.94		409	
410	39	29.39	118	39.51	3924.0	979740.82	-25.43	-159.26	-150.74	1.25	0.0	-0.27	0.00	-0.27	-160.78	-152.16		410	
411	39	29.39	118	45.09	4183.0	979727.83	-14.07	-156.74	-147.65	1.29	0.0	-0.14	0.04	-0.14	-158.17	-149.00		411	
412	39	29.40	118	34.02	3910.0	979741.09	-26.49	-159.84	-151.35	1.24	0.0	-0.15	0.00	-0.15	-161.24	-152.66		412	
413	39	29.42	118	33.31	3908.0	979742.48	-25.32	-158.60	-150.12	1.24	0.0	-0.11	0.00	-0.11	-159.96	-151.39		413	
414	39	29.45	118	28.90	4047.0	979737.38	-17.39	-155.42	-146.63	1.27	0.0	0.44	0.08	0.44	-156.25	-147.41		414	
415	39	29.45	118	51.60	4001.0	979742.10	-17.00	-153.46	-144.77	1.26	0.0	-0.28	0.00	-0.28	-155.00	-146.22		415	
416	39	29.60	118	51.60	4009.0	979741.80	-16.77	-153.50	-144.79	1.26	0.0	-0.28	0.00	-0.28	-155.05	-146.24		416	
417	39	29.78	118	46.27	3962.0	979743.71	-19.54	-154.67	-146.07	1.25	0.0	-0.30	0.00	-0.30	-156.22	-147.52		417	
418	39	29.80	118	9.45	3834.0	979725.81	-49.50	-180.27	-171.94	1.23	0.0	1.75	0.06	1.75	-179.75	-171.46		418	
419	39	29.80	118	59.20	4034.0	979732.50	-24.01	-161.60	-152.84	1.27	0.0	-0.14	0.07	-0.14	-163.00	-154.15		419	

420	39	29.80	118	59.20	4034.0	979732.62	-23.89	-161.48	-152.72	1.27	0.0	-0.14	0.07	-0.14	-162.88	-154.03		420
421	39	29.90	118	9.50	3832.0	979726.07	-49.58	-180.27	-171.95	1.23	0.0	1.77	0.06	1.77	-179.74	-171.45		421
422	39	30.03	118	59.17	4119.0	979725.83	-23.03	-163.52	-154.57	1.28	0.0	-0.16	0.05	-0.16	-164.96	-155.92		422
423	39	30.20	118	46.24	3964.0	979744.37	-19.31	-154.51	-145.90	1.25	0.0	-0.30	0.00	-0.30	-156.06	-147.36		423
424	39	30.21	118	53.58	4007.0	979739.98	-19.68	-156.34	-147.64	1.26	0.0	-0.27	0.00	-0.27	-157.87	-149.08		424
425	39	30.21	118	53.58	4007.0	979740.02	-19.64	-156.30	-147.60	1.26	0.0	-0.27	0.00	-0.27	-157.83	-149.04		425
426	39	30.21	118	53.58	4007.0	979739.86	-19.80	-156.46	-147.76	1.26	0.0	-0.27	0.00	-0.27	-157.99	-149.20		426
427	39	30.22	118	53.56	4007.0	979739.41	-20.26	-156.93	-148.22	1.26	0.0	-0.27	0.00	-0.27	-158.46	-149.66		427
428	39	30.25	118	38.40	3916.0	979739.60	-28.67	-162.23	-153.73	1.24	0.0	-0.27	0.00	-0.27	-163.74	-155.14		428
429	39	30.25	118	54.90	4017.0	979739.36	-19.42	-156.42	-147.70	1.26	0.0	-0.26	0.00	-0.26	-157.95	-149.13		429
430	39	30.26	118	47.95	3967.0	979743.51	-19.98	-155.28	-146.67	1.25	0.0	-0.30	0.00	-0.30	-156.83	-148.12		430
431	39	30.29	118	58.19	4077.0	979731.28	-21.91	-160.97	-152.11	1.27	0.0	-0.21	0.00	-0.21	-162.45	-153.50		431
432	39	30.40	118	16.10	7184.0	979530.60	69.25	-175.77	-160.17	1.51	0.0	6.90	0.65	6.90	-170.38	-155.13		432
433	39	30.59	118	44.26	3951.0	979745.02	-20.46	-155.21	-146.63	1.25	0.0	-0.30	0.00	-0.30	-156.76	-148.08		433
434	39	30.72	118	46.30	3957.0	979745.64	-19.47	-154.43	-145.83	1.25	0.0	-0.30	0.00	-0.30	-155.98	-147.29		434
435	39	30.80	118	56.50	4017.0	979734.40	-25.19	-162.19	-153.47	1.26	0.0	-0.25	0.00	-0.25	-163.70	-154.88		435
436	39	30.81	118	56.39	4027.0	979735.20	-23.46	-160.81	-152.06	1.26	0.0	-0.25	0.00	-0.25	-162.32	-153.48		436
437	39	30.86	118	56.50	4027.0	979735.38	-23.35	-160.70	-151.96	1.26	0.0	-0.25	0.00	-0.25	-162.21	-153.37		437
438	39	30.88	118	8.80	3807.0	979729.37	-50.08	-179.92	-171.65	1.22	0.0	1.70	0.02	1.70	-179.44	-171.21		438
439	39	30.89	118	51.33	4005.0	979742.71	-18.14	-154.73	-146.04	1.26	0.0	-0.28	0.00	-0.28	-156.28	-147.48		439
440	39	30.90	118	24.10	4385.0	979712.73	-12.41	-161.97	-152.45	1.33	0.0	1.53	0.20	1.53	-161.77	-152.26		440
441	39	30.90	118	24.10	4385.0	979712.69	-12.45	-162.01	-152.49	1.33	0.0	1.53	0.20	1.53	-161.81	-152.30		441
442	39	30.90	118	56.40	4027.0	979735.50	-23.29	-160.64	-151.90	1.26	0.0	-0.25	0.00	-0.25	-162.15	-153.31		442
443	39	30.96	118	43.94	3950.0	979745.46	-20.66	-155.38	-146.80	1.25	0.0	-0.30	0.00	-0.30	-156.93	-148.25		443
444	39	31.05	118	33.00	3900.0	979742.43	-28.52	-161.54	-153.07	1.24	0.0	-0.13	0.00	-0.13	-162.91	-154.35		444
445	39	31.14	118	30.55	3909.0	979744.12	-26.12	-159.44	-150.95	1.24	0.0	0.04	0.00	0.04	-160.65	-152.08		445
446	39	31.14	118	31.65	3897.0	979741.67	-29.70	-162.61	-154.15	1.24	0.0	-0.05	0.00	-0.05	-163.90	-155.36		446
447	39	31.14	118	32.22	3897.0	979742.03	-29.34	-162.25	-153.79	1.24	0.0	-0.09	0.00	-0.09	-163.58	-155.03		447
448	39	31.15	118	31.05	3898.0	979742.86	-28.43	-161.38	-152.91	1.24	0.0	-0.00	0.00	-0.00	-162.62	-154.08		448
449	39	31.15	118	31.80	3898.0	979742.39	-28.90	-161.85	-153.38	1.24	0.0	-0.06	0.00	-0.06	-163.15	-154.60		449
450	39	31.22	118	32.62	3901.0	979743.09	-28.02	-161.07	-152.60	1.24	0.0	-0.11	0.00	-0.11	-162.42	-153.87		450
451	39	31.27	118	31.05	3898.0	979742.30	-29.17	-162.11	-153.65	1.24	0.0	-0.01	0.00	-0.01	-163.36	-154.82		451
452	39	31.28	118	33.02	3900.0	979742.95	-28.34	-161.36	-152.89	1.24	0.0	-0.14	0.00	-0.14	-162.74	-154.18		452
453	39	31.30	118	8.30	3783.0	979726.79	-55.53	-184.55	-176.34	1.22	0.0	1.67	0.01	1.67	-184.11	-175.92		453
454	39	31.35	118	54.68	4011.0	979740.09	-20.87	-157.67	-148.96	1.26	0.0	-0.27	0.00	-0.27	-159.21	-150.40		454
455	39	31.36	118	8.60	3791.0	979726.44	-55.22	-184.52	-176.28	1.22	0.0	1.70	0.02	1.70	-184.04	-175.83		455
456	39	31.40	118	9.10	3784.0	979726.36	-56.02	-185.07	-176.86	1.22	0.0	1.87	0.03	1.87	-184.42	-176.25		456
457	39	31.42	118	35.62	3902.0	979738.97	-32.34	-165.43	-156.95	1.24	0.0	-0.22	0.00	-0.22	-166.89	-158.33		457
458	39	31.50	118	8.75	3847.0	979724.29	-52.31	-183.52	-175.16	1.23	0.0	1.62	0.02	1.62	-183.13	-174.80		458
459	39	31.55	118	50.21	3992.0	979746.17	-16.87	-153.03	-144.36	1.26	0.0	-0.29	0.00	-0.29	-154.58	-145.81		459
460	39	31.60	118	0.70	5142.0	979642.13	-12.89	-188.26	-177.10	1.43	0.0	3.21	0.26	3.21	-186.48	-175.43	79	460 -188.0
461	39	31.65	118	29.70	3919.0	979745.15	-24.90	-158.57	-150.06	1.24	0.0	0.10	0.00	0.10	-159.71	-151.13		461
462	39	31.67	118	9.33	3902.0	979721.54	-50.14	-183.22	-174.75	1.24	0.0	1.77	0.01	1.77	-182.69	-174.25		462
463	39	31.68	118	29.40	3919.0	979744.46	-25.64	-159.30	-150.79	1.24	0.0	0.14	0.01	0.14	-160.40	-151.82		463
464	39	31.68	118	52.08	4104.0	979734.19	-18.52	-158.49	-149.58	1.28	0.0	-0.24	0.01	-0.24	-160.01	-151.00		464
465	39	31.74	118	53.43	4012.0	979739.46	-21.98	-158.82	-150.11	1.26	0.0	-0.27	0.00	-0.27	-160.35	-151.54		465
466	39	31.75	118	9.15	3923.0	979720.90	-48.92	-182.72	-174.20	1.25	0.0	1.66	0.02	1.66	-182.31	-173.82		466
NG 467	~~39~~	~~31.75~~	~~118~~	~~10.90~~	~~4204.0~~	~~979370.76~~	~~1000.00~~	~~-856.62~~	~~-865.75~~	~~1.30~~	~~0.0~~	~~2.28~~	~~0.26~~	~~2.28~~	~~-857.60~~	~~-866.67~~		467
468	39	31.79	118	53.33	4009.0	979739.42	-22.38	-159.11	-150.41	1.26	0.0	-0.28	0.00	-0.28	-160.65	-151.85		468
469	39	31.85	118	8.25	3754.0	979726.45	-59.41	-187.44	-179.29	1.21	0.0	1.70	0.01	1.70	-186.95	-178.83		469
470	39	31.90	118	0.60	5021.0	979649.28	-17.55	-188.80	-177.90	1.41	0.0	3.52	0.29	3.52	-186.70	-175.93		470
471	39	31.90	118	51.32	4001.0	979743.59	-19.12	-155.58	-146.89	1.26	0.0	-0.29	0.00	-0.29	-157.13	-148.34		471
472	39	31.91	118	43.05	3936.0	979748.23	-20.61	-154.85	-146.30	1.25	0.0	-0.30	0.00	-0.30	-156.40	-147.75		472
473	39	31.93	118	25.25	4150.0	979724.44	-24.31	-165.85	-156.84	1.29	0.0	0.96	0.09	0.96	-166.18	-157.14		473
474	39	31.93	118	25.25	4150.0	979724.48	-24.27	-165.81	-156.80	1.29	0.0	0.96	0.09	0.96	-166.14	-157.10		474
475	39	31.98	118	51.66	4005.0	979742.40	-20.06	-156.65	-147.96	1.26	0.0	-0.28	0.00	-0.28	-158.20	-149.40		475
476	39	32.00	118	0.85	4963.0	979653.11	-19.33	-188.60	-177.82	1.41	0.0	3.29	0.31	3.29	-186.72	-176.06		476
477	39	32.00	118	9.60	3986.0	979718.40	-45.87	-181.82	-173.17	1.26	0.0	1.85	0.21	1.85	-181.23	-172.61		477
478	39	32.03	118	34.45	3895.0	979742.30	-30.57	-163.42	-154.96	1.24	0.0	-0.20	0.00	-0.20	-164.86	-156.31		478
479	39	32.03	118	35.23	3895.0	979741.00	-31.87	-164.72	-156.26	1.24	0.0	-0.22	0.00	-0.22	-166.17	-157.62		479
480	39	32.04	118	29.37	3921.0	979744.51	-25.93	-159.66	-151.15	1.25	0.0	0.11	0.01	0.11	-160.79	-152.21		480

481	39	32.05	118	31.05	3897.0	979741.59	-21.12	-164.04	-155.57	1.24	0.0	-0.04	0.00	-0.04	-165.32	-156.77		481
482	39	32.10	118	1.00	4886.0	979658.26	-21.56	-188.20	-177.59	1.40	0.0	3.22	0.26	3.22	-186.38	-175.89	0.50	482 - 188.0
483	39	32.10	118	10.15	4056.0	979715.75	-42.09	-180.42	-171.62	1.27	0.0	2.09	0.19	2.09	-179.60	-170.95		483
484	39	32.13	118	29.40	3919.0	979744.41	-26.35	-160.02	-151.50	1.24	0.0	0.10	0.01	0.10	-161.16	-152.57		484
485	39	32.13	118	29.40	3919.0	979744.66	-26.10	-159.77	-151.25	1.24	0.0	0.10	0.01	0.10	-160.91	-152.32		485
486	39	32.30	118	1.20	4823.0	979661.55	-24.49	-188.98	-178.51	1.39	0.0	3.07	0.23	3.07	-187.30	-176.93		486
487	39	32.25	118	10.60	4222.0	979708.24	-34.22	-178.21	-169.04	1.30	0.0	2.13	0.18	2.13	-177.39	-168.27		487
488	39	32.29	118	59.51	4031.0	979735.20	-25.27	-162.75	-154.00	1.27	0.0	-0.21	0.00	-0.21	-164.22	-155.38		488
489	39	32.30	118	59.80	4031.0	979735.36	-25.12	-162.61	-153.85	1.27	0.0	-0.20	0.00	-0.20	-164.07	-155.23		489
490	39	32.32	118	8.52	3783.0	979726.55	-57.28	-186.30	-178.09	1.22	0.0	1.72	0.02	1.72	-185.80	-177.62		490
491	39	32.35	118	1.40	4747.0	979664.74	-28.51	-190.42	-180.11	1.38	0.0	2.96	0.20	2.96	-188.83	-178.62		491
492	39	32.40	118	11.15	4413.0	979699.84	-24.88	-175.39	-165.81	1.33	0.0	2.43	0.24	2.43	-174.29	-164.78		492
493	39	32.40	118	29.05	3919.0	979745.11	-26.05	-159.71	-151.20	1.24	0.0	0.12	0.01	0.12	-160.84	-152.25		493
494	39	32.43	118	8.50	3742.0	979726.75	-61.09	-188.72	-180.59	1.21	0.0	1.80	0.02	1.80	-188.13	-180.04		494
495	39	32.44	118	29.00	3916.0	979744.68	-26.82	-160.38	-151.88	1.24	0.0	0.13	0.01	0.13	-161.50	-152.92		495
496	39	32.49	118	3.70	4098.0	979704.49	-49.97	-189.74	-180.84	1.28	0.0	2.08	0.05	2.08	-188.95	-180.10		496
497	39	32.50	118	8.45	3747.0	979726.50	-60.98	-189.77	-180.64	1.21	0.0	1.78	0.02	1.78	-188.21	-180.11		497
498	39	32.50	118	11.60	4657.0	979688.21	-13.72	-172.56	-162.44	1.37	0.0	2.68	0.51	2.68	-171.25	-161.22		498
499	39	32.50	118	12.40	5018.0	979668.57	0.57	-170.58	-159.68	1.41	0.0	3.14	0.49	3.14	-168.85	-158.05		499
500	39	32.50	118	12.60	5137.0	979661.85	5.03	-170.17	-159.02	1.43	0.0	3.24	0.80	3.24	-168.36	-157.32		500

SUMMARY FOR 499 STATIONS IN RENO NEVADA
COMPUTER TERRAIN CORRECTIONS CARRIED FROM CIRCULAR INNER RADIUS OF 2.290
TO 166.700 KILOMETERS. DENSITIES ARE 2.67 AND 2.50 DENSITY OF 2.67 IS USED FOR
VALUES IN COLUMNS LABELLED CC, TC, TER, (NEAR), AND TOT. TC-HAND CORRECTION
TER-TOTAL COMPUTER CORRECTION, (NEAR)-PART OF TOTAL THAT REPRESENTS CONTRIBUTION
OF COMPARTMENTS THAT INTERSECT INNER CIRCULAR RADIUS. TOT-HAND PLUS COMPUTER TERRAIN.

STATION	LATITUDE	LONGITUDE	ELEV	OBS GRAV	F.A.	S.B.1	S.B.2	CC	TC	TER	(NEAR)	TOT	C.B.1	C.B.2	ACC	STA
501	39 32.55	118 2.90	4317.0	979686.20	-47.77	-195.01	-185.63	1.31	0.0	2.22	0.08	2.22	-194.11	-184.79		501
502	39 32.55	118 3.50	4168.0	979697.59	-50.39	-192.54	-183.49	1.29	0.0	2.06	0.05	2.06	-191.77	-182.77		502
503	39 32.55	118 12.10	4910.0	979674.66	-3.57	-171.03	-160.37	1.40	0.0	3.00	0.54	3.00	-169.43	-158.87	212	503-170.8
504	39 32.60	118 1.80	4598.0	979673.24	-34.39	-191.21	-181.22	1.36	0.0	2.75	0.13	2.75	-189.82	-179.93		504
505	39 32.60	118 2.30	4461.0	979678.83	-41.68	-193.82	-184.14	1.34	0.0	2.47	0.13	2.47	-192.69	-183.08		505
506	39 32.60	118 4.05	4068.0	979703.48	-53.97	-192.71	-183.88	1.27	0.0	1.89	0.05	1.89	-192.09	-183.30		506
507	39 32.60	118 7.90	3708.0	979728.36	-62.93	-189.40	-181.35	1.20	0.0	1.72	0.01	1.72	-188.88	-180.86		507
508	39 32.65	118 12.80	5258.0	979654.34	8.67	-170.66	-159.24	1.44	0.0	3.41	0.77	3.41	-168.69	-157.40	543	508-170.5
509	39 32.67	118 46.21	3942.0	979748.93	-20.47	-154.91	-146.35	1.25	0.0	-0.30	0.00	-0.30	-156.47	-147.81		509
510	39 32.68	118 5.04	3943.0	979710.84	-58.48	-192.96	-184.40	1.25	0.0	1.65	0.03	1.65	-192.55	-184.02		510
511	39 32.70	118 4.60	3991.0	979709.12	-55.72	-191.83	-183.17	1.26	0.0	1.74	0.02	1.74	-191.35	-182.72		511
512	39 32.70	118 7.30	3991.0	979729.74	-35.10	-171.21	-162.55	1.26	0.0	1.26	0.03	1.26	-171.21	-162.54		512
513	39 32.72	118 6.84	3761.0	979724.64	-61.85	-190.12	-181.95	1.21	0.0	1.58	0.01	1.58	-189.75	-181.61		513
514	39 32.75	118 6.65	3753.0	979725.37	-61.91	-189.91	-181.76	1.21	0.0	1.61	0.01	1.61	-189.51	-181.39		514
515	39 32.75	118 28.15	3908.0	979745.40	-27.31	-160.60	-152.11	1.24	0.0	0.22	0.01	0.22	-161.62	-153.07		515
516	39 32.78	118 5.77	3849.0	979716.66	-61.64	-192.92	-184.56	1.23	0.0	1.59	0.07	1.59	-192.56	-184.22		516
517	39 32.80	118 5.05	3928.0	979712.36	-58.54	-192.52	-183.99	1.25	0.0	1.66	0.03	1.66	-192.10	-183.60		517
518	39 32.84	118 28.12	3908.0	979744.84	-28.00	-161.29	-152.81	1.24	0.0	0.22	0.01	0.22	-162.32	-153.76		518
519	39 32.84	118 51.32	3995.0	979745.86	-18.81	-155.06	-146.39	1.26	0.0	-0.29	0.00	-0.29	-156.61	-147.83		519
520	39 32.85	118 5.55	3867.0	979715.70	-61.01	-192.90	-184.50	1.23	0.0	1.61	0.08	1.61	-192.53	-184.16		520
521	39 32.85	118 6.05	3806.0	979720.61	-61.84	-191.65	-183.38	1.22	0.0	1.60	0.09	1.60	-191.27	-183.03		521
522	39 32.88	118 42.31	3924.0	979750.52	-20.88	-154.71	-146.19	1.25	0.0	-0.30	0.00	-0.30	-156.25	-147.63		522
523	39 32.88	118 42.35	3924.0	979750.98	-20.42	-154.25	-145.73	1.25	0.0	-0.30	0.00	-0.30	-155.79	-147.17		523
524	39 32.89	118 32.99	3888.0	979743.75	-31.05	-163.65	-155.21	1.24	0.0	-0.16	0.00	-0.16	-165.05	-156.52		524
525	39 32.91	118 32.72	3887.0	979743.28	-31.64	-164.21	-155.77	1.24	0.0	-0.15	0.00	-0.15	-165.60	-157.07		525
526	39 32.92	118 34.43	3885.0	979743.53	-31.59	-164.10	-155.66	1.24	0.0	-0.21	0.00	-0.21	-165.54	-157.01		526
527	39 32.93	118 33.55	3895.0	979743.79	-30.41	-163.25	-154.79	1.24	0.0	-0.18	0.00	-0.18	-164.67	-156.12		527
528	39 32.95	118 9.10	3620.0	979740.16	-59.92	-183.39	-175.53	1.19	0.0	2.45	0.05	2.45	-182.12	-174.34		528
529	39 33.06	118 19.61	7333.0	979518.38	67.11	-183.00	-167.07	1.51	0.0	10.12	1.48	10.12	-174.39	-159.01	445	529-182.6
530	39 33.20	118 27.08	3912.0	979741.98	-31.02	-164.44	-155.95	1.24	0.0	0.34	0.01	0.34	-165.35	-156.79		530
531	39 33.30	118 8.70	3702.0	979729.46	-63.43	-189.69	-181.65	1.20	0.0	2.00	0.02	2.00	-188.89	-180.91		531
532	39 33.37	118 55.18	3993.0	979744.09	-21.55	-157.73	-149.06	1.26	0.0	-0.26	0.00	-0.26	-159.25	-150.49		532
533	39 33.60	118 24.96	3939.0	979738.59	-32.46	-166.81	-158.25	1.25	0.0	0.89	0.02	0.89	-167.16	-158.59		533
534	39 33.60	118 25.96	3917.0	979740.23	-32.89	-166.48	-157.98	1.24	0.0	0.55	0.01	0.55	-167.18	-158.63		534
535	39 33.63	118 25.95	3915.0	979740.38	-32.97	-166.50	-158.00	1.24	0.0	0.55	0.01	0.55	-167.20	-158.65		535
536	39 33.72	118 23.80	3946.0	979741.55	-29.02	-163.61	-155.04	1.25	0.0	1.57	0.09	1.57	-163.28	-154.73		536
537	39 33.76	118 58.04	4014.0	979738.13	-26.11	-163.01	-154.29	1.26	0.0	-0.22	0.00	-0.22	-164.50	-155.68		537
538	39 33.82	118 33.01	3883.0	979745.23	-31.41	-163.85	-155.41	1.24	0.0	-0.17	0.00	-0.17	-165.26	-156.74		538
539	39 34.16	118 23.00	3933.0	979745.21	-27.23	-161.37	-152.83	1.25	0.0	2.09	0.23	2.09	-160.53	-152.04		539
540	39 34.22	118 46.54	3959.0	979749.52	-20.57	-155.59	-147.00	1.25	0.0	-0.30	0.00	-0.30	-157.15	-148.45		540
541	39 34.58	118 16.60	6408.0	979590.51	50.07	-168.48	-154.57	1.51	0.0	4.38	0.45	4.38	-165.62	-151.89	406	541-168.2
542	39 34.64	118 40.80	3913.0	979750.68	-24.35	-157.81	-149.31	1.24	0.0	-0.29	0.00	-0.29	-159.34	-150.75		542
543	39 34.65	118 50.37	3956.0	979752.70	-18.30	-153.23	-144.64	1.25	0.0	-0.29	0.00	-0.29	-154.77	-146.08		543
544	39 34.65	118 50.37	3956.0	979752.68	-18.32	-153.25	-144.66	1.25	0.0	-0.29	0.00	-0.29	-154.79	-146.10		544
545	39 34.88	118 22.24	3935.0	979748.55	-24.77	-158.98	-150.43	1.25	0.0	2.26	0.29	2.26	-157.96	-149.48		545
546	39 34.90	118 9.50	3620.0	979739.60	-63.36	-186.83	-178.97	1.19	0.0	2.97	0.20	2.97	-185.04	-177.29		546
547	39 35.01	118 45.31	3957.0	979751.37	-20.07	-155.03	-146.44	1.25	0.0	-0.29	0.00	-0.29	-156.58	-147.88		547
548	39 35.25	118 53.59	4014.0	979749.09	-17.35	-154.25	-145.53	1.26	0.0	-0.26	0.00	-0.26	-155.77	-146.96		548
549	39 35.59	118 59.60	4008.0	979748.31	-19.19	-155.89	-147.19	1.26	0.0	-0.12	0.02	-0.12	-157.27	-148.48		549
550	39 35.62	118 33.22	3879.0	979748.04	-31.63	-163.93	-155.51	1.24	0.0	-0.20	0.00	-0.20	-165.37	-156.86		550
551	39 35.63	118 33.22	3879.0	979747.64	-32.05	-164.35	-155.93	1.24	0.0	-0.20	0.00	-0.20	-165.79	-157.27		551
552	39 35.64	118 21.92	3936.0	979751.34	-23.01	-157.25	-148.70	1.25	0.0	1.82	0.17	1.82	-156.68	-148.17		552
553	39 35.67	118 39.87	3912.0	979751.22	-25.43	-158.85	-150.36	1.24	0.0	-0.28	0.00	-0.28	-160.37	-151.78		553

	554	39	35.67	118	39.87	3912.0	979751.13	-25.52	-158.94	-150.45	1.24	0.0	-0.28	0.00	-0.28	-160.46	-151.87		554	
	555	39	35.68	118	39.85	3911.0	979750.59	-26.17	-159.56	-151.06	1.24	0.0	-0.28	0.00	-0.28	-161.08	-152.49		555	
	556	39	35.90	118	28.60	3880.0	979750.56	-29.43	-161.77	-153.34	1.24	0.0	-0.01	0.00	-0.01	-163.02	-154.51		556	
	557	39	36.07	118	25.55	3880.0	979742.98	-37.26	-169.60	-161.17	1.24	0.0	0.28	0.00	0.28	-170.96	-162.07		557	
	558	39	36.24	118	59.20	3988.0	979747.45	-22.89	-158.91	-150.25	1.26	0.0	-0.08	0.03	-0.08	-160.24	-151.50		558	
	559	39	36.27	118	22.05	3956.0	979751.99	-21.41	-156.33	-147.74	1.25	0.0	1.24	0.03	1.24	-156.35	-147.75		559	
	560	39	36.48	118	21.92	3939.0	979752.00	-23.30	-157.65	-149.10	1.25	0.0	1.21	0.03	1.21	-157.68	-149.13		560	
	561	39	36.60	118	4.70	3583.0	979735.65	-73.30	-195.50	-187.72	1.18	0.0	1.63	0.01	1.63	-195.05	-187.29		561	
	562	39	36.62	118	35.94	3879.0	979753.32	-27.83	-160.13	-151.71	1.24	0.0	-0.26	0.00	-0.26	-161.63	-153.11		562	
	563	39	36.69	118	47.09	3938.0	979756.02	-19.69	-154.00	-145.45	1.25	0.0	-0.30	0.00	-0.30	-155.55	-146.90		563	
	564	39	36.70	118	9.50	3581.0	979757.93	-51.36	-173.49	-165.71	1.18	0.0	3.05	0.39	3.05	-171.62	-163.96		564	
	565	39	37.00	118	22.50	3939.0	979752.11	-23.96	-158.31	-149.75	1.25	0.0	0.77	0.01	0.77	-158.79	-150.21		565	
	566	39	37.05	118	39.15	3887.0	979753.64	-27.39	-159.97	-151.53	1.24	0.0	-0.28	0.00	-0.28	-161.49	-152.95		566	
	567	39	37.10	118	24.60	3889.0	979742.16	-38.76	-171.40	-162.96	1.24	0.0	0.29	0.00	0.29	-172.35	-163.85		567	
	568	39	37.13	118	32.45	3873.0	979751.09	-31.38	-163.47	-155.06	1.24	0.0	-0.20	0.00	-0.20	-164.90	-156.40		568	
	569	39	37.28	118	21.48	3942.0	979751.25	-24.95	-159.40	-150.84	1.25	0.0	1.05	0.04	1.05	-159.60	-151.02		569	
	570	39	37.56	118	44.64	3895.0	979758.98	-22.06	-154.90	-146.44	1.24	0.0	-0.30	0.00	-0.30	-156.44	-147.88		570	
	571	39	37.63	118	48.40	4158.0	979744.01	-12.41	-154.22	-145.19	1.29	0.0	-0.16	0.03	-0.16	-155.66	-146.54		571	
	572	39	37.68	118	58.09	3987.0	979745.02	-27.54	-163.53	-154.87	1.26	0.0	-0.05	0.01	-0.05	-164.83	-156.09		572	
	573	39	37.69	118	58.10	3987.0	979745.75	-26.83	-162.81	-154.15	1.26	0.0	-0.05	0.01	-0.05	-164.12	-155.38		573	
	574	39	37.70	118	9.15	3552.0	979757.41	-56.08	-177.22	-169.51	1.17	0.0	2.43	0.08	2.43	-175.96	-168.33		574	
	575	39	37.92	118	21.16	3941.0	979748.23	-29.01	-163.43	-154.87	1.25	0.0	0.96	0.02	0.96	-163.72	-155.14		575	
	576	39	38.13	118	2.60	3551.0	979746.92	-67.30	-188.41	-180.70	1.17	0.0	2.17	0.06	2.17	-187.41	-179.77		576	
	577	39	38.13	118	5.75	3504.0	979747.02	-71.62	-191.13	-183.52	1.16	0.0	1.26	0.00	1.26	-191.03	-183.43		577	
	578	39	38.43	118	20.80	3960.0	979747.53	-28.68	-163.74	-155.14	1.25	0.0	0.91	0.02	0.91	-164.08	-155.46		578	
	579	39	38.40	118	20.68	3948.0	979748.43	-28.86	-163.52	-154.94	1.25	0.0	0.99	0.02	0.99	-163.77	-155.18		579	
	580	39	38.62	118	31.59	3874.0	979754.86	-29.72	-161.84	-153.43	1.24	0.0	-0.20	0.00	-0.20	-163.28	-154.78		580	
	581	39	38.65	118	31.61	3872.0	979755.23	-29.58	-161.64	-153.23	1.24	0.0	-0.20	0.00	-0.20	-163.08	-154.58		581	
	582	39	38.70	118	9.70	3531.0	979762.25	-54.69	-175.12	-167.45	1.17	0.0	2.78	0.40	2.78	-173.51	-165.94		582	
	583	39	38.70	118	21.00	3948.0	979748.47	-29.27	-163.92	-155.35	1.25	0.0	0.79	0.01	0.79	-164.37	-155.77		583	
	584	39	38.75	118	28.50	3877.0	979755.13	-29.36	-161.59	-153.17	1.24	0.0	-0.11	0.00	-0.11	-162.94	-154.43		584	
	585	39	38.78	118	38.52	3887.0	979756.88	-26.71	-159.28	-150.84	1.24	0.0	-0.28	0.00	-0.28	-160.80	-152.26		585	
	586	39	38.78	118	56.63	3957.0	979749.95	-27.06	-162.02	-153.43	1.25	0.0	-0.10	0.01	-0.10	-163.37	-154.69		586	
	587	39	38.80	118	0.10	4036.0	979731.46	-38.15	-175.81	-167.04	1.27	0.0	2.64	0.35	2.64	-174.43	-165.75		587	-175.6
	588	39	38.90	118	15.63	6471.0	979598.31	57.41	-163.29	-149.24	1.51	0.0	5.90	0.74	5.90	-158.90	-145.13		588	-162.9
	589	39	38.95	118	53.38	3956.0	979753.89	-23.46	-158.39	-149.80	1.25	0.0	-0.23	0.00	-0.23	-159.87	-151.19		589	
	590	39	39.00	118	0.25	3936.0	979738.28	-41.03	-175.27	-166.72	1.25	0.0	2.50	0.27	2.50	-174.02	-165.55		590	
	591	39	39.06	118	40.74	3889.0	979760.07	-23.75	-156.39	-147.94	1.24	0.0	-0.30	0.00	-0.30	-157.92	-149.38		591	
	592	39	39.24	118	36.36	3894.0	979759.32	-24.29	-157.10	-148.65	1.24	0.0	-0.27	0.00	-0.27	-158.61	-150.06		592	
	593	39	39.28	118	20.28	3931.0	979752.89	-27.30	-161.38	-152.84	1.25	0.0	0.96	0.04	0.96	-161.66	-153.11		593	
	594	39	39.30	118	0.65	3754.0	979748.99	-47.87	-175.91	-167.76	1.21	0.0	2.27	0.06	2.27	-174.85	-166.76		594	
	595	39	39.40	118	22.45	3892.0	979747.92	-36.12	-168.86	-160.41	1.24	0.0	0.34	0.00	0.34	-169.75	-161.24		595	
980158.13	596	39	39.48	118	31.14	3896.0	979756.91	-26.87	160.9 -159.75	-151.29	1.24	0.0	-0.20	0.00	-0.20	-161.19	-152.64	162.39	596	
	597	39	39.60	118	10.75	4009.0	979751.73	-21.60	-158.33	-149.63	1.26	0.0	2.47	0.43	2.47	-157.13	-148.50		597	
	598	39	39.60	118	11.00	4028.0	979751.59	-19.96	-157.34	-148.59	1.26	0.0	2.71	0.45	2.71	-155.89	-147.24		598	
	599	39	39.60	118	12.50	4029.0	979751.03	-20.42	-157.84	-149.09	1.27	0.0	4.64	2.04	4.64	-154.46	-145.93		599	-157.2
	600	39	39.63	118	0.95	3605.0	979754.78	-56.58	-179.53	-171.70	1.18	0.0	2.12	0.08	2.12	-178.60	-170.83		600	
	601	39	39.65	118	1.00	3602.0	979754.73	-56.94	-179.79	-171.97	1.18	0.0	2.08	0.08	2.08	-178.89	-171.13		601	
	602	39	39.65	118	11.70	4433.0	979728.52	-5.03	-156.23	-146.60	1.33	0.0	2.75	0.82	2.75	-154.81	-145.27		602	
	603	39	39.75	118	10.95	4008.0	979751.84	-21.81	-158.51	-149.80	1.26	0.0	2.64	0.45	2.64	-157.13	-148.52		603	
	604	39	39.75	118	12.40	4802.0	979707.65	8.64	-155.14	-144.71	1.39	0.0	2.78	0.83	2.78	-153.75	-143.41		604	-154.9
	605	39	39.80	118	1.50	3519.0	979758.26	-61.43	-181.45	-173.81	1.16	0.0	1.88	0.06	1.88	-180.74	-173.14		605	
	606	39	39.97	118	25.25	3874.0	979744.37	-42.20	-174.33	-165.92	1.24	0.0	0.01	0.00	0.01	-175.56	-167.06		606	
	607	39	40.00	118	19.90	3954.0	979757.41	-21.68	-156.54	-147.95	1.25	0.0	0.95	0.03	0.95	-156.84	-148.23		607	
	608	39	40.04	118	19.64	3954.0	979757.47	-21.68	-156.54	-147.95	1.25	0.0	1.09	0.03	1.09	-156.70	-148.10		608	
	609	39	40.05	118	1.95	3457.0	979759.93	-65.96	-183.87	-176.36	1.15	0.0	1.67	0.02	1.67	-183.34	-175.87		609	
	610	39	40.14	118	55.12	3933.0	979761.35	-19.92	-154.07	-145.52	1.25	0.0	-0.12	0.02	-0.12	-155.43	-146.80		610	
	611	39	40.16	118	55.12	3933.0	979761.79	-19.51	-153.65	-145.11	1.25	0.0	-0.12	0.02	-0.12	-155.02	-146.39		611	
	612	39	40.20	118	2.45	3438.0	979759.15	-68.75	-186.01	-178.54	1.15	0.0	1.47	0.01	1.47	-185.68	-178.24		612	
	613	39	40.35	118	3.05	3437.0	979758.36	-69.85	-187.08	-179.61	1.15	0.0	1.28	0.00	1.28	-186.95	-179.49		613	
	614	39	40.35	118	3.55	3440.0	979757.23	-70.70	-188.03	-180.56	1.15	0.0	1.18	0.00	1.18	-187.89	-180.53		614	

615	39	40.35	118	4.15	3447.0	979755.96	-71.31	-188.88	-181.39	1.15	0.0	1.10	0.00	1.10	-188.93	-181.44		615
616	39	40.35	118	4.75	3448.0	979754.97	-72.21	-189.81	-182.32	1.15	0.0	1.04	0.00	1.04	-189.91	-182.42		616
617	39	40.35	118	5.50	3448.0	979754.39	-72.79	-190.39	-182.90	1.15	0.0	1.02	0.00	1.02	-190.51	-183.02		617
618	39	40.35	118	6.20	3452.0	979754.43	-72.37	-190.11	-182.61	1.15	0.0	1.03	0.00	1.03	-190.22	-182.72		618
619	39	40.35	118	6.70	3457.0	979755.47	-70.86	-188.77	-181.26	1.15	0.0	1.08	0.00	1.08	-188.84	-181.33		619
620	39	40.35	118	7.35	3458.0	979758.12	-68.12	-186.06	-178.55	1.15	0.0	1.19	0.00	1.19	-186.02	-178.52		620
621	39	40.35	118	8.00	3461.0	979761.99	-63.97	-182.01	-174.49	1.15	0.0	1.38	0.01	1.38	-181.78	-174.28		621
622	39	40.37	118	3.60	3441.0	979757.05	-70.82	-188.18	-180.71	1.15	0.0	1.17	0.00	1.17	-188.16	-180.69		622
623	39	40.37	118	5.90	3449.0	979754.21	-72.91	-190.54	-183.05	1.15	0.0	1.02	0.00	1.02	-190.67	-183.17		623
624	39	40.40	118	8.65	3482.0	979764.94	-59.12	-177.88	-170.31	1.16	0.0	1.60	0.03	1.60	-177.43	-169.90		624
625	39	40.40	118	9.00	3482.0	979764.38	-59.68	-178.44	-170.87	1.16	0.0	1.79	0.03	1.79	-177.80	-170.28		625
626	39	40.45	118	29.00	3876.0	979760.18	-26.91	-159.11	-150.69	1.24	0.0	-0.16	0.00	-0.16	-160.51	-152.00		626
627	39	40.50	118	8.60	3480.0	979764.95	-59.44	-178.13	-170.58	1.16	0.0	1.57	0.03	1.57	-177.72	-170.19		627
628	39	40.70	118	52.48	3917.0	979761.81	-21.80	-155.39	-146.89	1.24	0.0	-0.20	0.00	-0.20	-156.84	-148.24		628
629	39	40.76	118	50.30	3906.0	979769.68	-15.05	-148.27	-139.79	1.24	0.0	-0.25	0.00	-0.25	-149.76	-141.18		629
630	39	40.80	118	46.63	3902.0	979776.01	-9.15	-142.24	-133.76	1.24	0.0	-0.28	0.00	-0.28	-143.76	-135.19		630
631	39	40.80	118	50.26	3906.0	979769.15	-15.64	-148.86	-140.38	1.24	0.0	-0.24	0.00	-0.24	-150.34	-141.77		631
632	39	40.88	118	19.08	3946.0	979759.22	-21.93	-156.51	-147.94	1.25	0.0	1.23	0.15	1.23	-156.53	-147.96		632
633	39	40.89	118	46.45	3919.0	979767.37	-16.33	-149.99	-141.48	1.24	0.0	-0.28	0.00	-0.28	-151.52	-142.91		633
634	39	40.90	118	19.10	3946.0	979759.27	-21.91	-156.49	-147.92	1.25	0.0	1.22	0.11	1.22	-156.52	-147.95		634
635	39	40.90	118	46.90	3903.0	979773.02	-12.20	-145.32	-136.84	1.24	0.0	-0.28	0.00	-0.28	-146.84	-138.27		635
636	39	40.93	118	30.54	3889.0	979760.28	-26.30	-158.94	-150.49	1.24	0.0	-0.20	0.00	-0.20	-160.38	-151.84		636
637	39	40.93	118	45.59	3900.0	979768.33	-17.21	-150.23	-141.76	1.24	0.0	-0.29	0.00	-0.29	-151.76	-143.19		637
638	39	40.96	118	48.78	3903.0	979772.06	-13.25	-146.37	-137.89	1.24	0.0	-0.26	0.00	-0.26	-147.87	-139.30		638
639	39	40.97	118	44.81	3889.0	979766.35	-20.29	-152.93	-144.48	1.24	0.0	-0.29	0.00	-0.29	-154.46	-145.92		639
640	39	40.98	118	28.23	3884.0	979758.79	-28.33	-160.80	-152.37	1.24	0.0	-0.16	0.00	-0.16	-162.20	-153.67		640
641	39	41.00	118	16.00	5282.0	979682.18	26.44	-153.71	-142.24	1.44	0.0	2.50	0.45	2.50	-152.66	-141.25		641
642	39	41.30	118	8.30	3462.0	979765.87	-61.40	-179.47	-171.96	1.15	0.0	1.41	0.01	1.41	-179.21	-171.71		642
643	39	41.30	118	17.20	5014.0	979698.95	17.57	-153.44	-142.55	1.41	0.0	2.08	0.38	2.08	-152.77	-141.93		643
644	39	41.30	118	45.60	3970.0	979785.72	6.21	-129.19	-120.57	1.25	0.0	-0.27	0.00	-0.27	-130.72	-122.00		644
645	39	41.32	118	16.12	4779.0	979716.13	12.64	-150.36	-139.98	1.38	0.0	2.34	0.95	2.34	-149.41	-139.09		645
646	39	41.46	118	51.81	3915.0	979766.65	-18.27	-151.80	-143.29	1.24	0.0	-0.19	0.00	-0.19	-153.23	-144.64		646
647	39	41.67	118	2.50	3416.0	979762.45	-69.69	-186.20	-178.78	1.14	0.0	1.14	0.00	1.14	-186.20	-178.78		647
648	39	41.67	118	2.50	3416.0	979762.40	-69.74	-186.25	-178.83	1.14	0.0	1.14	0.00	1.14	-186.25	-178.83		648
649	39	41.67	118	18.45	3970.0	979756.12	-23.94	-159.34	-150.72	1.25	0.0	1.44	0.21	1.44	-159.15	-150.54		649
650	39	41.70	118	16.80	4778.0	979715.55	11.40	-151.56	-141.19	1.38	0.0	1.99	0.39	1.99	-150.95	-140.61		650
651	39	41.76	118	18.60	3970.0	979755.75	-24.44	-159.84	-151.22	1.25	0.0	1.30	0.14	1.30	-159.80	-151.18		651
652	39	41.80	118	18.80	3971.0	979755.62	-24.54	-159.97	-151.35	1.25	0.0	1.14	0.08	1.14	-160.08	-151.45		652
653	39	41.85	118	24.75	3873.0	979745.27	-44.17	-176.27	-167.86	1.24	0.0	-0.04	0.00	-0.04	-177.54	-169.05		653
654	39	41.95	118	59.40	5513.0	979659.18	23.74	-164.29	-152.31	1.46	0.0	3.17	0.98	3.17	-162.57	-150.71		654 -164.0
655	39	42.00	118	17.50	4211.0	979749.77	-8.12	-151.74	-142.60	1.30	0.0	1.80	0.54	1.80	-151.24	-142.13		655
656	39	42.03	118	53.02	4025.0	979765.22	-10.20	-147.48	-138.74	1.26	0.0	-0.15	0.01	-0.15	-148.90	-140.06		656
657	39	42.05	118	8.25	3451.0	979771.47	-57.94	-175.64	-168.15	1.15	0.0	1.43	0.01	1.43	-175.36	-167.89		657
658	39	42.07	118	34.95	3903.0	979760.68	-26.27	-159.39	-150.91	1.24	0.0	-0.26	0.00	-0.26	-160.89	-152.32		658
659	39	42.08	118	46.37	3900.0	979776.90	-10.34	-143.36	-134.89	1.24	0.0	-0.27	0.00	-0.27	-144.87	-136.31		659
660	39	42.36	118	42.20	3873.0	979771.73	-18.47	-150.56	-142.15	1.24	0.0	-0.29	0.00	-0.29	-152.09	-143.58		660
661	39	42.48	118	18.08	3964.0	979758.36	-23.46	-158.66	-150.05	1.25	0.0	1.52	0.18	1.52	-158.39	-149.80		661
662	39	42.50	118	8.20	3455.0	979773.38	-56.32	-174.16	-166.65	1.15	0.0	1.46	0.01	1.46	-173.85	-166.36		662
663	39	42.60	118	8.20	3456.0	979773.23	-56.52	-174.40	-166.89	1.15	0.0	1.47	0.01	1.47	-174.07	-166.59		663
664	39	42.64	118	46.36	3926.0	979777.36	-8.27	-142.17	-133.65	1.25	0.0	-0.26	0.00	-0.26	-143.68	-135.06		664
665	39	42.66	118	39.14	3874.0	979769.01	-21.54	-153.66	-145.25	1.24	0.0	-0.29	0.00	-0.29	-155.19	-146.68		665
666	39	42.70	118	11.60	4171.0	979743.68	-19.01	-161.26	-152.21	1.29	0.0	2.66	0.46	2.66	-159.89	-150.92		666
667	39	42.70	118	54.21	4116.0	979759.31	-8.55	-148.93	-139.99	1.28	0.0	-0.10	0.01	-0.10	-150.31	-141.28		667
668	39	42.84	118	38.71	3900.0	979765.84	-22.53	-155.54	-147.07	1.24	0.0	-0.28	0.00	-0.28	-157.07	-148.50		668
669	39	42.90	118	8.10	3444.0	979777.07	-54.25	-171.72	-164.24	1.15	0.0	1.52	0.02	1.52	-171.34	-163.89		669
670	39	43.07	118	54.89	4213.0	979751.91	-7.37	-151.06	-141.91	1.30	0.0	-0.09	0.04	-0.09	-152.45	-143.21		670
671	~~39~~	~~43.11~~	~~118~~	~~39.30~~	~~4150.0~~	~~979759.69~~	~~3495.50~~	~~2080.08~~	~~2170.20~~	~~*****~~	~~0.0~~	~~0.0~~	~~0.0~~	~~0.0~~	~~2118.00~~	~~2205.78~~		671
672	39	43.18	118	30.10	3871.0	979760.88	-30.72	-162.74	-154.34	1.24	0.0	-0.22	0.00	-0.22	-164.20	-155.70		672
673	39	43.41	118	55.58	4226.0	979750.11	-8.45	-152.59	-143.41	1.30	0.0	-0.07	0.03	-0.07	-153.96	-144.69		673
674	39	43.44	118	17.60	3953.0	979760.52	-23.75	-158.58	-149.99	1.25	0.0	1.66	0.25	1.66	-158.16	-149.61		674
675	39	43.47	118	46.05	3886.0	979784.24	-6.37	-138.91	-130.47	1.24	0.0	-0.25	0.00	-0.25	-140.40	-131.87		675

676	39	43.75	118	7.90	3452.0	979777.11	-54.72	-172.45	-164.96	1.15	0.0	1.69	0.06	1.69	-171.92	-164.45		676	
677	39	44.12	118	53.23	4309.0	979750.34	-1.47	-148.44	-139.08	1.31	0.0	-0.07	0.04	-0.07	-149.82	-140.37		677	
678	39	44.14	118	53.25	4309.0	979750.50	-1.34	-148.31	-138.95	1.31	0.0	-0.07	0.04	-0.07	-149.69	-140.24		678	
679	39	44.16	118	17.00	3953.0	979761.77	-23.57	-158.39	-149.80	1.25	0.0	1.94	0.32	1.94	-157.70	-149.16		679	
680	39	44.21	118	58.60	4197.0	979750.16	-12.31	-155.46	-146.34	1.29	0.0	-0.02	0.04	-0.02	-156.77	-147.57		680	
681	39	44.23	118	57.86	4239.0	979750.01	-8.54	-153.12	-143.92	1.30	0.0	-0.04	0.04	-0.04	-154.46	-145.17		681	
682	39	44.30	118	16.75	3981.0	979760.70	-22.21	-157.99	-149.34	1.26	0.0	2.08	0.23	2.08	-157.17	-148.58		682	
683	39	44.39	118	56.48	4561.0	979734.30	5.78	-149.78	-139.88	1.35	0.0	0.08	0.04	0.08	-151.05	-141.07		683	
684	39	44.45	118	7.25	3438.0	979777.21	-56.97	-174.23	-166.76	1.15	0.0	1.67	0.05	1.67	-173.71	-166.28		684	
685	39	44.52	118	59.85	4097.0	979754.45	-17.88	-157.62	-148.72	1.28	0.0	0.03	0.02	0.03	-158.86	-149.88		685	
686	39	44.80	118	46.30	3894.0	979783.80	-8.03	-140.84	-132.38	1.24	0.0	-0.21	0.01	-0.21	-142.29	-133.74		686	
687	39	44.84	118	56.10	4780.0	979718.58	9.98	-153.05	-142.67	1.38	0.0	0.41	0.09	0.41	-154.02	-143.58	1.44	687	152.8
688	39	45.00	118	16.56	3973.0	979763.20	-21.50	-157.00	-148.38	1.25	0.0	1.86	0.50	1.86	-156.40	-147.81		688	
689	39	45.05	118	6.45	3436.0	979777.46	-57.79	-174.98	-167.52	1.15	0.0	1.57	0.08	1.57	-174.56	-167.12		689	
690	39	45.20	118	6.30	3443.0	979777.65	-57.17	-174.60	-167.12	1.15	0.0	1.57	0.04	1.57	-174.18	-166.73		690	
691	39	45.60	118	5.60	3468.0	979779.37	-53.69	-171.97	-164.44	1.15	0.0	1.46	0.04	1.46	-171.67	-164.16		691	
692	39	45.76	118	16.04	3976.0	979763.86	-21.68	-157.29	-148.65	1.26	0.0	1.91	0.41	1.91	-156.63	-148.04		692	
693	39	46.11	118	55.15	4778.0	979723.47	12.80	-150.16	-139.78	1.38	0.0	0.35	0.03	0.35	-151.19	-140.75		693	
694	39	46.15	118	4.80	3518.0	979781.04	-48.13	-168.12	-160.48	1.16	0.0	1.40	0.03	1.40	-167.88	-160.25		694	
695	39	46.47	118	46.18	3881.0	979781.65	-13.87	-146.24	-137.81	1.24	0.0	-0.21	0.01	-0.21	-147.68	-139.16		695	
696	39	46.64	118	15.64	3958.0	979766.20	-22.33	-157.33	-148.73	1.25	0.0	1.82	0.18	1.82	-156.76	-148.20		696	
697	39	46.70	118	5.25	3526.0	979779.71	-49.52	-169.78	-162.12	1.17	0.0	1.94	0.06	1.94	-169.01	-161.40		697	
698	39	46.90	118	4.35	3501.0	979787.82	-44.06	-163.47	-155.86	1.16	0.0	1.76	0.16	1.76	-162.87	-155.30		698	
699	39	47.05	118	15.20	3945.0	979768.78	-21.58	-156.13	-147.56	1.25	0.0	2.02	0.48	2.02	-155.36	-146.84		699	
700	39	47.42	118	51.77	4064.0	979765.89	-13.83	-152.44	-143.62	1.27	0.0	-0.03	0.05	-0.03	-153.74	-144.83		700	
701	39	47.43	118	46.32	3884.0	979781.26	-15.40	-147.87	-139.43	1.24	0.0	-0.21	0.00	-0.21	-149.32	-140.79		701	
702	39	47.48	118	15.16	3958.0	979768.95	-20.82	-155.82	-147.22	1.25	0.0	1.74	0.33	1.74	-155.33	-146.77		702	
703	39	47.60	118	3.90	3427.0	979791.35	-48.52	-165.40	-157.96	1.14	0.0	2.33	0.24	2.33	-164.21	-156.85		703	
704	39	47.90	118	46.26	3878.0	979780.94	-16.97	-149.24	-140.82	1.24	0.0	-0.22	0.00	-0.22	-150.70	-142.18		704	
705	39	48.15	118	3.70	3427.0	979791.06	-49.62	-166.51	-159.06	1.14	0.0	2.84	0.46	2.84	-164.81	-157.47		705	
706	39	48.28	118	14.60	3977.0	979771.61	-17.56	-153.20	-144.57	1.26	0.0	1.75	0.17	1.75	-152.71	-144.10		706	
707	39	48.50	118	2.20	3443.0	979790.61	-49.09	-166.51	-159.04	1.15	0.0	2.00	0.07	2.00	-165.66	-158.24		707	
708	39	48.50	118	14.60	3989.0	979768.26	-20.11	-156.16	-147.50	1.26	0.0	1.63	0.17	1.63	-155.79	-147.15		708	
709	39	48.60	118	2.10	3443.0	979790.75	-49.10	-166.52	-159.05	1.15	0.0	2.02	0.07	2.02	-165.66	-158.23		709	TP
710	39	48.82	118	46.28	3883.0	979781.51	-17.30	-149.73	-141.30	1.24	0.0	-0.22	0.00	-0.22	-151.20	-142.67		710	
711	39	48.95	118	50.72	3940.0	979776.61	-17.03	-151.41	-142.85	1.25	0.0	-0.08	0.01	-0.08	-152.74	-144.10		711	
712	39	49.05	118	48.49	3904.0	979778.17	-19.00	-152.15	-143.68	1.24	0.0	-0.18	0.00	-0.18	-153.57	-145.01		712	
713	39	49.20	118	1.85	3469.0	979795.03	-43.26	-161.57	-154.04	1.15	0.0	2.33	0.33	2.33	-160.40	-152.94		713	
714	39	49.22	118	46.31	3894.0	979780.92	-17.44	-150.26	-141.80	1.24	0.0	-0.22	0.00	-0.22	-151.72	-143.17		714	TP
715	39	49.28	118	14.32	3998.0	979766.65	-22.03	-158.38	-149.70	1.26	0.0	1.58	0.23	1.58	-158.07	-149.40		715	
716	39	49.35	118	47.53	3909.0	979779.17	-17.98	-151.30	-142.81	1.24	0.0	-0.21	0.00	-0.21	-152.75	-144.17		716	
717	39	49.44	118	57.27	4642.0	979729.41	1.03	-157.29	-147.21	1.36	0.0	0.18	0.05	0.18	-158.47	-148.32		717	
718	39	49.50	118	58.80	4164.0	979754.90	-18.50	-160.52	-151.47	1.29	0.0	0.03	0.03	0.03	-161.77	-152.65		718	
719	39	49.60	118	58.60	4285.0	979749.19	-12.98	-159.13	-149.82	1.31	0.0	-0.03	0.01	-0.03	-160.46	-151.07		719	
720	39	49.74	118	46.32	3892.0	979783.26	-16.06	-148.80	-140.35	1.24	0.0	-0.22	0.00	-0.22	-150.26	-141.72		720	
721	39	49.78	118	58.32	4301.0	979749.11	-11.82	-158.52	-149.18	1.31	0.0	-0.03	0.01	-0.03	-159.86	-150.43		721	
722	39	49.95	118	1.25	3403.0	979801.71	-43.89	-159.96	-152.57	1.14	0.0	2.72	0.50	2.72	-158.38	-151.09		722	
723	39	49.95	118	51.71	3928.0	979784.03	-12.22	-146.19	-137.66	1.25	0.0	-0.03	0.04	-0.03	-147.47	-138.85		723	
724	39	49.96	118	51.72	3927.0	979783.67	-12.69	-146.62	-138.09	1.25	0.0	-0.03	0.04	-0.03	-147.90	-139.29		724	
725	39	50.12	118	14.24	3971.0	979766.38	-26.08	-161.51	-152.89	1.25	0.0	1.46	0.22	1.46	-161.31	-152.70		725	
726	39	50.44	118	46.39	3892.0	979787.24	-13.12	-145.86	-137.41	1.24	0.0	-0.20	0.00	-0.20	-147.30	-138.76		726	
727	39	50.49	118	9.30	7512.0	979546.53	86.31	-169.89	-153.58	1.50	0.0	13.18	1.49	13.18	-158.21	-142.65	2.44	727	-169.5
728	39	50.65	118	0.65	3408.0	979803.92	-42.25	-158.48	-151.08	1.14	0.0	2.70	0.57	2.70	-156.92	-149.62		728	TP
729	39	50.72	118	56.32	4261.0	979762.08	-4.00	-149.33	-140.08	1.31	0.0	-0.02	0.01	-0.02	-150.66	-141.32		729	
730	39	50.75	118	56.32	4261.0	979761.58	-4.55	-149.87	-140.62	1.31	0.0	-0.03	0.01	-0.03	-151.21	-141.87		730	
731	39	50.92	118	14.08	3997.0	979766.47	-24.73	-161.05	-152.37	1.26	0.0	1.28	0.14	1.28	-161.03	-152.35		731	
732	39	51.00	118	41.03	3920.0	979792.31	-6.24	-139.94	-131.43	1.24	0.0	-0.18	0.01	-0.18	-141.37	-132.76		732	
733	39	51.02	118	45.72	3932.0	979789.67	-7.78	-141.89	-133.35	1.25	0.0	-0.20	0.00	-0.20	-143.34	-134.71		733	
734	39	51.04	118	43.60	3900.0	979796.53	-3.96	-136.98	-128.51	1.24	0.0	-0.19	0.02	-0.19	-138.41	-129.85		734	
735	39	51.25	118	0.60	3410.0	979807.89	-38.98	-155.28	-147.88	1.14	0.0	3.07	0.61	3.07	-153.36	-146.07		735	
736	39	51.37	118	52.89	4055.0	979775.81	-10.60	-148.90	-140.09	1.27	0.0	-0.02	0.02	-0.02	-150.19	-141.30		736	

737	39	51.42	118	41.32	-3935.0	979799.23	1.47	-132.74	-124.20	1.25	0.0	-0.16	0.03	-0.16	-134.15	-125.52		737	
738	39	51.46	118	46.45	-3917.0	979789.01	-10.51	-144.10	-135.60	1.24	0.0	-0.19	0.00	-0.19	-145.54	-136.94		738	
739	39	51.47	118	0.82	-3411.0	979808.34	-38.76	-155.10	-147.69	1.14	0.0	3.56	0.88	3.56	-152.67	-145.42	2.06	739	-155.
740	39	51.47	118	46.52	-3903.0	979789.04	-11.81	-144.92	-136.45	1.24	0.0	-0.19	0.00	-0.19	-146.36	-137.79		740	
741	39	51.60	118	54.45	-4210.0	979768.43	-3.75	-147.34	-138.19	1.30	0.0	-0.00	0.01	-0.00	-148.63	-139.41		741	
742	39	51.60	118	54.50	-4212.0	979768.04	-3.95	-147.61	-138.46	1.30	0.0	0.00	0.02	0.00	-148.90	-139.67		742	
743	39	51.68	118	13.92	-4018.0	979770.04	-20.31	-157.35	-148.62	1.26	0.0	1.08	0.12	1.08	-157.53	-148.80		743	
744	39	51.76	118	54.47	-4212.0	979767.44	-4.79	-148.44	-139.30	1.30	0.0	0.01	0.02	0.01	-149.73	-140.50		744	
745	39	51.95	118	0.20	-3418.0	979806.08	-41.07	-157.65	-150.22	1.14	0.0	2.92	0.20	2.92	-155.87	-148.56		745	
746	39	52.06	118	53.65	-4179.0	979768.62	-7.15	-149.69	-140.61	1.29	0.0	0.02	0.02	0.02	-150.96	-141.80		746	
747	39	52.07	118	53.32	-4150.0	979769.02	-9.50	-151.04	-142.03	1.29	0.0	0.02	0.03	0.02	-152.31	-143.22		747	
748	39	52.14	118	51.07	-3913.0	979788.94	-11.96	-145.42	-136.92	1.24	0.0	-0.02	0.01	-0.02	-146.68	-138.10		748	
749	39	52.20	118	6.96	-7399.0	979555.23	81.87	-170.49	-154.42	1.51	0.0	10.73	1.20	10.73	-161.27	-145.79	5.54	749	-170.0
750	39	52.21	118	46.14	-3922.0	979783.94	-16.21	-149.98	-141.46	1.25	0.0	-0.18	0.00	-0.18	-151.40	-142.79		750	
751	39	52.48	118	13.68	-3993.0	979775.24	-18.64	-154.83	-146.16	1.26	0.0	0.98	0.08	0.98	-155.11	-146.42		751	
752	39	52.48	118	39.57	-3927.0	979801.67	1.59	-132.35	-123.82	1.25	0.0	-0.01	0.15	-0.01	-133.60	-125.00		752	
753	39	52.64	118	20.80	-4040.0	979774.31	-15.39	-153.18	-144.40	1.27	0.0	-0.05	0.02	-0.05	-154.50	-145.64	TP	753	
754	39	52.75	118	0.25	-3483.0	979803.72	-38.50	-157.30	-149.73	1.16	0.0	3.22	0.17	3.22	-155.23	-147.80		754	
755	39	52.90	118	13.65	-4007.0	979779.79	-13.39	-150.06	-141.36	1.26	0.0	0.84	0.06	0.84	-150.48	-141.75		755	TP
756	39	52.95	118	3.76	-7649.0	979546.16	95.18	-165.70	-149.09	1.49	0.0	15.86	2.23	15.86	-151.33	-135.64	12.06	756	-165.3
757	39	52.96	118	21.68	-3905.0	979787.08	-15.78	-148.97	-140.49	1.24	0.0	-0.13	0.00	-0.13	-150.34	-141.77		757	
758	39	53.00	118	41.47	-4302.0	979775.00	9.40	-137.33	-127.99	1.31	0.0	0.11	0.10	0.11	-138.53	-129.11		758	
759	39	53.00	118	41.49	-4302.0	979774.45	8.85	-137.88	-128.54	1.31	0.0	0.11	0.10	0.11	-139.08	-129.66		759	
760	39	53.01	118	45.44	-3889.0	979788.03	-16.41	-149.05	-140.61	1.24	0.0	-0.15	0.02	-0.15	-150.44	-141.90		760	
761	39	53.12	118	37.46	-3914.0	979793.15	-9.10	-142.60	-134.10	1.24	0.0	0.10	0.26	0.10	-143.74	-135.17		761	
762	39	53.12	118	37.46	-3914.0	979793.82	-8.43	-141.93	-133.43	1.24	0.0	0.10	0.26	0.10	-143.07	-134.50		762	
763	39	53.12	118	37.46	-3914.0	979793.72	-8.53	-142.03	-133.53	1.24	0.0	0.10	0.26	0.10	-143.17	-134.60		763	
764	39	53.24	118	13.40	-3992.0	979782.94	-12.16	-148.31	-139.64	1.26	0.0	0.86	0.05	0.86	-148.71	-140.02		764	
765	39	53.28	119	22.84	-3898.0	979779.81	-24.18	-157.13	-148.67	1.24	0.0	0.42	0.01	0.42	-157.95	-149.43		765	
766	39	53.29	118	45.30	-3923.0	979787.35	-14.31	-148.11	-139.59	1.25	0.0	-0.15	0.01	-0.15	-149.50	-140.89		766	
767	39	53.30	118	51.80	-4019.0	979781.69	-10.96	-148.03	-139.31	1.26	0.0	0.12	0.07	0.12	-149.18	-140.38		767	
768	39	53.40	118	35.20	-3876.0	979783.61	-22.63	-154.83	-146.41	1.24	0.0	-0.09	0.00	-0.09	-156.15	-147.65		768	
769	39	53.52	118	23.84	-3893.0	979775.40	-29.42	-162.20	-153.74	1.24	0.0	-0.17	0.00	-0.17	-163.61	-155.07		769	
770	39	53.84	118	24.88	-3889.0	979772.40	-33.27	-165.91	-157.46	1.24	0.0	-0.19	0.00	-0.19	-167.34	-158.80		770	
771	39	53.88	118	13.04	-3955.0	979789.92	-9.60	-144.50	-135.91	1.25	0.0	0.85	0.06	0.85	-144.90	-136.28		771	
772	39	53.88	119	33.05	-3870.0	979779.64	-27.87	-159.87	-151.46	1.24	0.0	1.42	0.16	1.42	-159.68	-151.29		772	
773	39	53.99	118	45.13	-3882.0	979783.72	-22.83	-155.23	-146.80	1.24	0.0	-0.11	0.00	-0.11	-156.58	-148.06		773	
774	39	54.12	118	25.96	-3886.0	979774.61	-31.75	-164.29	-155.85	1.24	0.0	-0.20	0.00	-0.20	-165.73	-157.20		774	
775	39	54.46	118	36.02	-3911.0	979798.17	-6.35	-139.74	-131.25	1.24	0.0	0.19	0.34	0.19	-140.79	-132.23		775	
776	39	54.48	118	27.00	-3879.0	979779.58	-27.98	-160.28	-151.85	1.24	0.0	-0.19	0.00	-0.19	-161.71	-153.19		776	
777	39	54.75	118	59.34	-4949.0	979735.63	28.25	-140.54	-129.79	1.40	0.0	0.38	0.02	0.38	-141.57	-130.75		777	
778	39	54.76	118	12.72	-3965.0	979788.15	-11.74	-146.97	-138.36	1.25	0.0	0.71	0.03	0.71	-147.51	-138.87		778	
779	39	54.80	118	49.30	-3931.0	979793.62	-9.52	-143.59	-135.06	1.25	0.0	0.10	0.03	0.10	-144.74	-136.13		779	
780	39	54.81	118	58.31	-4949.0	979735.07	27.60	-141.19	-130.44	1.40	0.0	0.36	0.02	0.36	-142.23	-131.42		780	
781	39	54.82	118	49.18	-3931.0	979793.30	-9.87	-143.94	-135.41	1.25	0.0	0.09	0.03	0.09	-145.10	-136.49		781	
782	39	54.84	118	28.00	-3884.0	979783.81	-23.81	-156.28	-147.84	1.24	0.0	-0.19	0.00	-0.19	-157.70	-149.18		782	
783	39	54.85	118	49.17	-3931.0	979792.51	-10.70	-144.78	-136.24	1.25	0.0	0.09	0.03	0.09	-145.93	-137.32		783	
784	39	54.98	118	45.05	-3886.0	979787.33	-20.31	-152.84	-144.41	1.24	0.0	-0.06	0.00	-0.06	-154.14	-145.62		784	
785	39	55.24	118	29.08	-3889.0	979789.65	-18.09	-150.73	-142.29	1.24	0.0	-0.18	0.00	-0.18	-152.15	-143.62		785	
786	39	55.32	118	29.60	-3895.0	979792.21	-15.09	-147.93	-139.47	1.24	0.0	-0.18	0.00	-0.18	-149.35	-140.80		786	
787	39	55.36	118	43.12	-3903.0	979784.67	-21.93	-155.05	-146.57	1.24	0.0	-0.07	0.00	-0.07	-156.36	-147.80		787	
788	39	55.44	118	12.48	-3981.0	979789.12	-10.27	-146.05	-137.40	1.26	0.0	0.61	0.04	0.61	-146.69	-138.01		788	
789	39	55.50	118	48.70	-3991.0	979783.40	-15.14	-151.26	-142.59	1.26	0.0	0.11	0.03	0.11	-152.41	-143.67		789	
790	39	55.54	118	37.71	-3918.0	979793.62	-11.84	-145.47	-136.96	1.24	0.0	0.03	0.17	0.03	-146.69	-138.10		790	
791	39	55.60	118	34.39	-3906.0	979798.69	-7.99	-141.21	-132.72	1.24	0.0	-0.04	0.02	-0.04	-142.49	-133.93		791	
792	39	55.61	118	34.38	-3906.0	979798.19	-8.50	-141.72	-133.24	1.24	0.0	-0.05	0.02	-0.05	-143.01	-134.44		792	
793	39	55.65	118	8.70	-4626.0	979750.22	11.15	-146.63	-136.58	1.36	0.0	1.30	0.10	1.30	-146.69	-136.64		793	
794	39	55.67	118	8.68	-4626.0	979750.15	11.05	-146.73	-136.68	1.36	0.0	1.30	0.10	1.30	-146.79	-136.74		794	
795	39	55.70	118	55.40	-5015.0	979732.04	29.46	-141.58	-130.69	1.41	0.0	0.51	0.01	0.51	-142.49	-131.54		795	
796	39	55.84	118	54.82	-5104.0	979726.39	31.97	-142.11	-131.03	1.42	0.0	0.74	0.04	0.74	-142.79	-131.67		796	
797	39	56.05	118	44.93	-3897.0	979788.26	-19.93	-152.84	-144.38	1.24	0.0	0.05	0.02	0.05	-154.03	-145.50		797	

798	39	56.06	118	59.51	4868.0	979735.37	18.44	-147.59	-137.02	1.39	0.0	0.24	0.03	0.24	-148.74	-138.10			798
799	39	56.17	118	12.32	4009.0	979787.92	-9.91	-146.65	-137.94	1.26	0.0	0.48	0.03	0.48	-147.43	-138.67			799
800	39	56.35	118	30.11	3956.0	979802.60	-0.49	-135.41	-126.82	1.25	0.0	-0.12	0.03	-0.12	-136.79	-128.11			800
801	39	56.36	118	12.28	4037.0	979785.47	-10.02	-147.70	-138.94	1.27	0.0	0.44	0.02	0.44	-148.53	-139.71			801
802	39	56.36	118	32.40	3917.0	979794.21	-12.56	-146.15	-137.65	1.24	0.0	-0.10	0.05	-0.10	-147.50	-138.91			802
803	39	56.37	118	30.14	3956.0	979794.51	-8.61	-143.53	-134.94	1.25	0.0	-0.12	0.03	-0.12	-144.90	-136.23			803
804	39	56.42	118	50.68	4264.0	979778.73	4.49	-140.94	-131.68	1.31	0.0	0.14	0.09	0.14	-142.10	-132.76			804
805	39	56.44	118	44.89	3930.0	979787.65	-18.01	-152.05	-143.52	1.25	0.0	0.09	0.03	0.09	-153.21	-144.60			805
806	39	56.48	118	56.47	4833.0	979731.50	10.66	-154.18	-143.68	1.39	0.0	0.24	0.03	0.24	-155.32	-144.76			806
807	39	56.55	118	44.97	3943.0	979786.63	-17.97	-152.45	-143.89	1.25	0.0	0.10	0.03	0.10	-153.60	-144.96			807
808	39	56.76	118	28.60	3954.0	979798.17	-5.71	-140.57	-131.98	1.25	0.0	-0.11	0.02	-0.11	-141.93	-133.25			808
809	39	56.87	118	52.61	4565.0	979758.92	12.31	-143.38	-133.47	1.35	0.0	0.16	0.07	0.16	-144.57	-134.58			809
810	39	56.92	118	52.60	4565.0	979759.58	12.90	-142.80	-132.89	1.35	0.0	0.16	0.08	0.16	-143.99	-134.00			810
811	39	57.00	118	27.60	3927.0	979801.19	-5.58	-139.52	-130.99	1.25	0.0	-0.11	0.02	-0.11	-140.88	-132.26			811
812	39	57.10	118	43.55	3949.0	979790.47	-14.38	-149.07	-140.49	1.25	0.0	0.10	0.04	0.10	-150.22	-141.57			812
813	39	57.20	118	43.60	3946.0	979790.82	-14.46	-149.05	-140.48	1.25	0.0	0.13	0.04	0.13	-150.17	-141.53			813
814	39	57.21	118	58.05	4732.0	979741.03	9.62	-151.78	-141.50	1.38	0.0	0.15	0.02	0.15	-153.00	-142.65			814
815	39	57.24	118	12.04	4013.0	979786.17	-12.87	-149.74	-141.03	1.26	0.0	0.38	0.01	0.38	-150.62	-141.85			815
816	39	57.47	118	51.60	4518.0	979766.12	14.21	-139.89	-130.08	1.35	0.0	0.11	0.02	0.11	-141.13	-131.24			816
817	39	57.48	118	26.80	3932.0	979801.26	-5.75	-139.86	-131.32	1.25	0.0	-0.10	0.02	-0.10	-141.21	-132.58			817
818	39	57.53	118	41.22	~~3673.0~~	979793.76	-37.68	-162.95	-154.97	1.20	0.0	0.31	0.07	0.31	-163.84	-155.80			818
819	39	57.65	118	26.90	3921.0	979801.89	-6.41	-140.14	-131.63	1.25	0.0	-0.08	0.02	-0.08	-141.46	-132.86			819
820	39	57.72	118	58.04	4732.0	979740.50	8.33	-153.06	-142.78	1.38	0.0	0.16	0.02	0.16	-154.28	-143.93			820
821	39	58.06	118	0.71	6737.0	979617.59	73.35	-156.43	-141.80	1.52	0.0	6.45	0.48	6.45	-151.49	-137.17			821 - 156.11
822	39	58.08	118	45.80	4303.0	979768.95	-4.08	-150.84	-141.49	1.31	0.0	0.27	0.12	0.27	-151.88	-142.47			822
823	39	58.16	118	26.16	3937.0	979800.71	-6.84	-141.12	-132.57	1.25	0.0	-0.06	0.01	-0.06	-142.43	-133.80			823
824	39	58.25	118	12.87	3958.0	979782.40	-23.31	-158.30	-149.71	1.25	0.0	0.21	0.00	0.21	-159.35	-150.69			824
825	39	58.45	118	34.15	3917.0	979795.35	-14.51	-148.10	-139.60	1.24	0.0	-0.10	0.02	-0.10	-149.45	-140.86			825
826	39	58.45	118	41.72	4062.0	979791.99	-4.24	-142.78	-133.96	1.27	0.0	0.12	0.06	0.12	-143.93	-135.03			826
827	39	58.45	118	41.72	4062.0	979792.11	-4.12	-142.66	-133.84	1.27	0.0	0.12	0.06	0.12	-143.81	-134.91			827
828	39	58.45	118	41.72	4062.0	979793.16	-3.07	-141.61	-132.79	1.27	0.0	0.12	0.06	0.12	-142.76	-133.86			828
829	39	58.48	118	12.04	3994.0	979788.03	-14.63	-150.86	-142.18	1.26	0.0	0.27	0.01	0.27	-151.84	-143.11			829
830	39	58.50	118	41.70	4062.0	979791.76	-4.54	-143.08	-134.26	1.27	0.0	0.13	0.06	0.13	-144.23	-135.33			830
831	39	58.88	118	11.76	4027.0	979795.24	-4.92	-142.26	-133.52	1.26	0.0	0.26	0.01	0.26	-143.26	-134.45			831
832	39	58.88	118	25.56	3942.0	979804.35	-3.80	-138.24	-129.68	1.25	0.0	-0.01	0.03	-0.01	-139.50	-130.86			832
833	39	59.07	118	4.67	4955.0	979730.79	17.58	-151.42	-140.66	1.41	0.0	1.61	0.22	1.61	-151.21	-140.46			833
834	39	59.07	118	9.25	4343.0	979780.51	9.78	-138.35	-128.92	1.32	0.0	0.45	0.03	0.45	-139.22	-129.73			834
835	39	59.12	118	51.04	4367.0	979773.42	4.87	-144.07	-134.59	1.32	0.0	0.12	0.04	0.12	-145.28	-135.72			835
836	39	59.20	118	7.50	4444.0	979772.31	10.88	-140.69	-131.04	1.33	0.0	0.70	0.05	0.70	-141.32	-131.63			836
837	39	59.30	118	25.10	3943.0	979807.99	-0.68	-135.17	-126.60	1.25	0.0	0.05	0.03	0.05	-136.36	-127.72			837
838	39	59.44	118	24.68	3951.0	979808.44	0.31	-134.44	-125.86	1.25	0.0	0.07	0.03	0.07	-135.62	-126.97			838
839	39	59.70	118	20.58	3906.0	979806.66	-6.08	-139.30	-130.82	1.24	0.0	0.09	0.00	0.09	-140.46	-131.90			839
840	39	59.70	118	41.00	3980.0	979797.60	-8.19	-143.93	-135.29	1.26	0.0	0.27	0.08	0.27	-144.91	-136.21			840
841	39	59.72	118	23.80	3954.0	979812.18	3.92	-130.94	-122.35	1.25	0.0	0.14	0.01	0.14	-132.05	-123.39			841
842	39	59.92	118	22.60	3966.0	979809.59	2.16	-133.11	-124.49	1.25	0.0	0.19	0.10	0.19	-134.17	-125.49			842
843	39	59.93	118	43.40	4688.0	979752.61	13.03	-146.86	-136.68	1.37	0.0	0.55	0.11	0.55	-147.68	-137.44			843
844	39	59.95	118	13.20	5586.0	979700.04	44.84	-145.68	-133.55	1.47	0.0	5.20	1.91	5.20	-141.95	-130.06			844
845	39	59.96	118	31.46	3906.0	979804.38	-8.75	-141.97	-133.49	1.24	0.0	-0.01	0.07	-0.01	-143.23	-134.66			845
846	39	59.97	118	22.05	3958.0	979809.67	1.41	-133.58	-124.98	1.25	0.0	0.19	0.06	0.19	-134.64	-125.98			846
847	39	0.22	119	56.82	6298.0	979526.42	26.28	-188.52	-174.85	1.51	0.0	2.75	0.21	2.75	-187.28	-173.68		1.13	847 - 188.2
848	39	0.50	118	46.75	4676.0	979602.64	-50.36	-209.84	-199.69	1.37	0.0	0.27	0.10	0.27	-210.94	-200.71			848
~~849~~	~~39~~	~~0.59~~	~~119~~	~~10.91~~	~~4406.0~~	~~979661.91~~	~~1000.00~~	~~849.73~~	~~859.29~~	~~1.33~~	~~0.0~~	~~0.38~~	~~0.01~~	~~0.38~~	~~848.78~~	~~850.40~~			849
850	39	0.74	119	56.78	6260.0	979530.69	26.21	-187.29	-173.70	1.51	0.0	2.86	0.22	2.86	-185.94	-172.44			850
851	39	0.93	119	8.61	4365.0	979660.25	-22.61	-171.49	-162.01	1.32	0.0	0.18	0.00	0.18	-172.63	-163.08			851
852	39	0.99	119	7.29	4362.0	979658.44	-24.79	-173.57	-164.09	1.32	0.0	0.14	0.00	0.14	-174.74	-165.20			852
853	39	1.01	119	42.79	4853.0	979608.21	-28.90	-194.42	-183.88	1.39	0.0	1.22	0.02	1.22	-194.59	-184.04			853
854	39	1.04	119	4.03	4361.0	979654.67	-28.73	-177.47	-168.00	1.32	0.0	0.23	0.01	0.23	-178.56	-169.02			854
855	39	1.05	119	50.18	4733.0	979613.19	-35.26	-196.68	-186.41	1.38	0.0	6.10	1.20	6.10	-191.96	-181.98		0.91	855 - 196.6
856	39	1.31	119	56.67	6343.0	979527.20	29.69	-186.65	-172.88	1.51	0.0	3.00	0.27	3.00	-185.17	-171.49		0.53	856 - 186.3
857	39	1.33	119	25.10	5517.0	979587.15	11.98	-176.19	-164.21	1.46	0.0	2.31	0.13	2.31	-175.34	-163.42			857
858	39	1.36	119	10.85	4466.0	979663.95	-10.05	-162.37	-152.67	1.34	0.0	0.28	0.01	0.28	-163.43	-153.66			858

859	39	1.36	119	13.06	4395.0	979658.68	-22.00	-171.89	-162.35	1.33	0.0	0.85	0.13	0.85	-172.37	-162.80		859	
860	39	1.52	119	13.11	4380.0	979659.53	-22.79	-172.18	-162.67	1.32	0.0	0.85	0.14	0.85	-172.65	-163.11		860	
861	39	1.59	119	10.81	4368.0	979663.74	-19.81	-168.79	-159.30	1.32	0.0	0.31	0.00	0.31	-169.80	-160.25		861	
862	39	1.59	119	12.02	4352.0	979661.71	-23.35	-171.78	-162.33	1.32	0.0	0.54	0.02	0.54	-172.55	-163.05		862	
863	39	1.60	119	5.53	4354.0	979659.81	-25.07	-173.57	-164.12	1.32	0.0	0.12	0.00	0.12	-174.77	-165.24		863	
864	39	1.60	119	6.70	4357.0	979654.24	-30.36	-178.96	-169.50	1.32	0.0	0.12	0.00	0.12	-180.17	-170.63		864	
865	39	1.61	119	4.33	4356.0	979660.40	-24.31	-172.88	-163.42	1.32	0.0	0.16	0.01	0.16	-174.04	-164.50		865	
866	39	1.65	119	4.05	4363.0	979657.35	-26.76	-175.57	-166.09	1.32	0.0	0.17	0.01	0.17	-176.72	-167.17		866	
867	39	1.68	119	39.35	5277.0	979575.25	-22.99	-202.97	-191.52	1.44	0.0	1.16	0.03	1.16	-203.25	-191.78		867	
868	39	1.79	119	3.01	4409.0	979653.98	-26.01	-176.39	-166.81	1.33	0.0	0.21	0.03	0.21	-177.51	-167.87		868	
869	39	1.80	119	2.10	4469.0	979654.64	-19.73	-172.15	-162.45	1.34	0.0	0.24	0.05	0.24	-173.25	-163.47		869	
870	39	1.81	119	30.57	6540.0	979525.32	45.58	-177.47	-163.27	1.51	0.0	2.43	0.50	2.43	-176.56	-162.42	109	870	-172.2
871	39	1.92	119	10.86	4361.0	979663.56	-21.14	-169.87	-160.40	1.32	0.0	0.30	0.00	0.30	-170.90	-161.36		871	
872	39	2.07	119	20.33	5440.0	979598.29	-14.79	-170.74	-158.93	1.46	0.0	0.97	0.12	0.97	-171.23	-159.38	1.06	872	-170.5
873	39	2.27	119	56.99	6228.0	979531.33	21.60	-190.82	-177.29	1.51	0.0	2.97	0.43	2.97	-189.36	-175.93		873	
874	39	2.37	119	33.91	7085.0	979481.47	52.12	-189.52	-174.14	1.51	0.0	3.38	0.24	3.38	-187.66	-172.39	2.70	874	-189.1
875	39	2.42	119	24.87	5438.0	979594.92	10.72	-174.75	-162.94	1.46	0.0	2.04	0.11	2.04	-174.17	-162.39		875	
876	39	2.49	119	3.02	4396.0	979659.69	-22.55	-172.49	-162.94	1.33	0.0	0.15	0.01	0.15	-173.66	-164.04		876	
877	39	2.51	119	19.31	5240.0	979608.02	5.08	-173.64	-162.26	1.44	0.0	0.83	0.04	0.83	-174.24	-162.83		877	
878	39	2.56	119	18.61	5154.0	979614.40	3.30	-172.48	-161.29	1.43	0.0	0.74	0.06	0.74	-173.17	-161.93		878	
879	39	2.77	119	55.87	6321.0	979527.60	25.87	-189.72	-175.99	1.51	0.0	3.58	0.77	3.58	-187.65	-174.05	1.36	879	-189.4
880	39	2.80	119	46.70	4655.0	979613.50	-44.85	-203.62	-193.51	1.37	0.0	1.97	0.01	1.97	-203.02	-192.95		880	
881	39	2.88	119	6.90	4333.0	979665.75	-22.99	-170.77	-161.36	1.32	0.0	0.08	0.00	0.08	-172.01	-162.52		881	
882	39	2.88	119	9.19	4348.0	979660.14	-27.19	-175.49	-166.04	1.32	0.0	0.14	0.00	0.14	-176.66	-167.15		882	
883	39	2.99	119	10.85	4349.0	979667.24	-20.16	-168.49	-159.04	1.32	0.0	0.25	0.00	0.25	-169.56	-160.04		883	
884	39	3.27	119	35.87	6011.0	979553.13	21.53	-183.48	-170.43	1.50	0.0	1.67	0.28	1.67	-183.30	-170.26	0.77	884	-183.2
885	39	3.30	119	49.22	4937.0	979602.90	-29.68	-198.07	-187.35	1.40	0.0	3.83	0.21	3.83	-195.64	-185.07		885	
886	39	3.33	119	25.03	5417.0	979600.72	13.21	-171.55	-159.78	1.45	0.0	2.11	0.14	2.11	-170.89	-159.16		886	
887	39	3.33	119	26.58	5906.0	979571.81	30.26	-171.18	-158.35	1.49	0.0	2.59	0.76	2.59	-170.08	-157.32	1.84	887	-170.9
888	39	3.47	119	46.75	4648.0	979619.64	-40.36	-198.89	-188.79	1.37	0.0	2.04	0.03	2.04	-198.21	-188.16		888	
889	39	3.69	119	19.20	5334.0	979605.83	9.99	-171.94	-160.35	1.45	0.0	0.78	0.03	0.78	-172.60	-160.98		889	
890	39	3.76	119	10.84	4348.0	979670.83	-17.79	-166.09	-156.65	1.32	0.0	0.22	0.00	0.22	-167.19	-157.68		890	
891	39	3.96	119	7.46	3715.0	979659.68	-88.74	-215.45	-207.38	1.20	0.0	1.13	0.37	1.13	-215.53	-207.46		891	
892	39	3.97	119	7.48	3715.0	979660.93	-87.51	-214.21	-206.15	1.20	0.0	1.13	0.37	1.13	-214.29	-206.22		892	
893	39	4.12	119	42.30	5067.0	979603.60	-17.97	-190.79	-179.79	1.42	0.0	1.25	0.05	1.25	-190.96	-179.94	0.52	893	-190.5
894	39	4.13	119	56.47	6228.0	979536.26	23.79	-188.63	-175.10	1.51	0.0	3.06	0.68	3.06	-187.07	-173.64		894	
895	39	4.19	119	11.91	4336.0	979672.10	-18.29	-166.17	-156.76	1.32	0.0	0.32	0.00	0.32	-167.17	-157.69		895	
896	39	4.19	119	13.46	4349.0	979668.71	-20.45	-168.78	-159.34	1.32	0.0	0.60	0.09	0.60	-169.51	-160.02		896	
897	39	4.23	119	10.21	4360.0	979675.22	-12.97	-161.67	-152.20	1.32	0.0	0.15	0.00	0.15	-162.84	-153.30		897	
898	39	4.50	119	27.31	6448.0	979537.22	44.88	-175.04	-161.04	1.51	0.0	2.33	0.35	2.33	-174.22	-160.27	2.76	898	-174.7
899	39	4.53	119	10.86	4335.0	979672.26	-18.72	-166.57	-157.16	1.32	0.0	0.20	0.00	0.20	-167.69	-158.20		899	
900	39	4.69	119	24.75	5354.0	979608.18	12.75	-169.86	-158.23	1.45	0.0	2.09	0.22	2.09	-169.22	-157.63		900	-169.6
901	39	4.70	119	38.16	5929.0	979558.48	17.07	-185.15	-172.27	1.49	0.0	1.39	0.06	1.39	-185.25	-172.37	0.45	901	-184.8
902	39	4.88	119	56.47	6420.0	979525.62	30.09	-188.87	-174.93	1.51	0.0	2.88	0.42	2.88	-187.51	-173.65	0.77	902	-188.5
903	39	4.96	119	23.74	5277.0	979614.82	11.75	-168.23	-156.77	1.44	0.0	1.82	0.33	1.82	-167.85	-156.42	0.96	903	-168.0
904	39	5.00	119	10.80	4333.0	979672.37	-19.49	-167.27	-157.86	1.32	0.0	0.18	0.00	0.18	-168.41	-158.93		904	
905	39	5.05	119	14.11	4320.0	979667.03	-26.12	-173.46	-164.08	1.32	0.0	0.70	0.06	0.70	-174.07	-164.65		905	
906	39	5.14	119	27.66	6367.0	979541.92	41.03	-176.13	-162.30	1.51	0.0	2.24	0.46	2.24	-175.40	-161.62	1.64	906	-175.
907	39	5.37	119	56.24	6259.0	979533.89	22.51	-190.96	-177.37	1.51	0.0	2.85	0.34	2.85	-189.62	-176.12		907	
908	39	5.39	119	32.85	6084.0	979553.56	25.70	-181.80	-168.59	1.50	0.0	1.88	0.31	1.88	-181.42	-168.23	2.12	908	-181.5
909	39	5.41	119	7.05	4320.0	979666.76	-26.93	-174.27	-164.88	1.32	0.0	0.04	0.00	0.04	-175.55	-166.08		909	
910	39	5.58	119	28.44	6530.0	979528.95	42.73	-179.99	-165.81	1.51	0.0	2.25	0.27	2.25	-179.25	-165.12	1.96	910	-179.7
911	39	5.60	119	3.84	4323.0	979671.93	-21.75	-169.19	-159.81	1.32	0.0	0.03	0.01	0.03	-170.48	-161.01		911	
912	39	5.62	119	30.40	6566.0	979528.65	45.75	-178.19	-163.93	1.52	0.0	2.04	0.17	2.04	-177.67	-163.44	0.74	912	-177.9
913	39	5.82	119	35.45	6864.0	979505.69	50.50	-183.61	-168.70	1.52	0.0	2.96	0.36	2.96	-182.17	-167.35	0.85	913	-183.3
914	39	5.96	119	11.90	4321.0	979667.51	-26.89	-174.26	-164.88	1.32	0.0	0.25	0.00	0.25	-175.33	-165.88		914	
915	39	5.96	119	13.05	4317.0	979667.56	-27.22	-174.45	-165.08	1.31	0.0	0.38	0.00	0.38	-175.38	-165.95		915	
916	39	5.97	119	22.25	5085.0	979630.38	7.78	-165.65	-154.61	1.42	0.0	1.83	0.37	1.83	-165.24	-154.23		916	
917	39	5.99	119	22.22	5085.0	979629.94	7.31	-166.12	-155.08	1.42	0.0	1.82	0.37	1.82	-165.72	-154.71	1.59	917	-165.7
918	39	6.03	119	54.58	7032.0	979486.60	46.89	-192.95	-177.68	1.52	0.0	3.48	0.21	3.48	-190.99	-175.84	0.63	918	-192.7
919	39	6.05	119	54.55	7032.0	979486.37	46.63	-193.21	-177.94	1.52	0.0	3.47	0.21	3.47	-191.25	-176.11		919	

920	39	6.10	119	54.90	6992.0	979485.50	41.93	-196.55	-181.36	1.52	0.0	3.40	0.16	3.40	-194.66	-179.60		920	
921	39	6.26	119	53.76	7146.0	979476.72	46.91	-196.64	-181.14	1.51	0.0	3.79	0.07	3.79	-194.37	-179.01		921	-196.2
922	39	6.36	119	21.75	5059.0	979632.36	6.74	-165.80	-154.82	1.42	0.0	1.74	0.34	1.74	-165.48	-154.51		922	
923	39	6.68	119	55.28	6925.0	979493.04	42.13	-193.99	-178.96	1.52	0.0	3.32	0.15	3.32	-192.19	-177.27		923	-193.5
924	39	6.77	119	47.77	4979.0	979600.37	-33.37	-203.19	-192.38	1.41	0.0	2.49	0.18	2.49	-202.11	-191.36		924	
925	39	6.81	119	51.45	5938.0	979542.77	-0.90	-203.42	-190.53	1.49	0.0	4.08	1.03	4.08	-200.84	-188.11	3.62	925	203.
926	39	6.84	119	10.80	4314.0	979669.20	-27.15	-174.29	-164.92	1.31	0.0	0.16	0.00	0.16	-175.44	-166.00		926	
927	39	6.84	119	25.56	5943.0	979567.07	23.83	-178.87	-165.96	1.49	0.0	2.00	0.45	2.00	-178.36	-165.48		927	-178.6
928	39	6.84	119	44.50	4688.0	979622.23	-38.97	-196.86	-188.68	1.37	0.0	1.58	0.05	1.58	-198.65	-188.48		928	
929	39	6.93	119	47.88	4977.0	979600.94	-33.22	-202.97	-192.16	1.41	0.0	2.63	0.21	2.63	-201.75	-191.02	3.67	929	-202.
930	39	6.96	119	0.07	4293.0	979674.25	-24.25	-170.67	-161.35	1.31	0.0	0.07	0.02	0.07	-171.92	-162.52		930	
931	39	6.99	119	15.01	4380.0	979675.58	-14.79	-164.17	-154.66	1.32	0.0	0.66	0.05	0.66	-164.84	-155.28		931	
932	39	7.18	119	3.32	4325.0	979685.43	-10.39	-157.90	-148.51	1.32	0.0	0.02	0.02	0.02	-159.19	-149.72		932	
933	39	7.35	119	1.00	4311.0	979680.39	-17.00	-164.03	-154.67	1.31	0.0	0.06	0.01	0.06	-165.29	-155.84		933	
934	39	7.39	119	1.00	4311.0	979680.70	-16.74	-163.78	-154.41	1.31	0.0	0.06	0.01	0.06	-165.03	-155.59		934	
935	39	7.39	119	2.13	4316.0	979682.39	-14.58	-161.79	-152.41	1.31	0.0	0.04	0.01	0.04	-163.07	-153.61		935	
936	39	7.45	119	2.15	4316.0	979682.69	-14.37	-161.58	-152.20	1.31	0.0	0.04	0.02	0.04	-162.85	-153.40		936	
937	39	7.46	119	19.52	4857.0	979643.07	-3.15	-168.81	-158.26	1.39	0.0	1.24	0.13	1.24	-168.96	-158.40		937	
938	39	7.56	119	6.50	4301.0	979682.96	-15.67	-162.37	-153.03	1.31	0.0	0.06	0.00	0.06	-163.62	-154.20		938	
939	39	7.60	119	40.43	5833.0	979568.16	13.46	-185.48	-172.82	1.49	0.0	1.77	0.26	1.77	-185.20	-172.55		939	-185.2
940	39	7.70	119	8.33	4308.0	979674.73	-23.45	-170.38	-161.03	1.31	0.0	0.08	0.00	0.08	-171.61	-162.18		940	
941	39	7.71	119	11.91	4301.0	979668.98	-29.88	-176.57	-167.23	1.31	0.0	0.24	0.00	0.24	-177.64	-168.23		941	
942	39	7.72	119	55.84	6807.0	979497.91	34.57	-197.60	-182.81	1.52	0.0	3.42	0.37	3.42	-195.69	-181.03		942	-197.2
943	39	7.74	119	55.83	6807.0	979632.36	168.99	-63.18	-48.39	1.52	0.0	3.43	0.37	3.43	-61.26	-46.60		943	
944	39	7.75	119	9.72	4305.0	979674.09	-24.45	-171.28	-161.93	1.31	0.0	0.13	0.00	0.13	-172.46	-163.04		944	
945	39	7.78	119	10.79	4304.0	979670.89	-27.79	-174.58	-165.23	1.31	0.0	0.18	0.00	0.18	-175.72	-166.30		945	
946	39	7.85	119	7.60	4306.0	979679.87	-18.72	-165.58	-156.23	1.31	0.0	0.08	0.00	0.08	-166.82	-157.39		946	
947	39	8.02	119	14.70	4340.0	979683.00	-12.64	-160.67	-151.24	1.32	0.0	0.56	0.06	0.56	-161.43	-151.95		947	
948	39	8.04	119	18.84	4793.0	979652.06	-1.03	-164.51	-154.10	1.38	0.0	1.09	0.14	1.09	-164.80	-154.38		948	
949	39	8.10	119	49.60	6686.0	979498.52	23.25	-204.79	-190.27	1.52	0.0	4.44	0.73	4.44	-201.86	-187.53		949	-204.4
950	39	8.27	119	55.60	6885.0	979495.50	38.68	-196.15	-181.20	1.52	0.0	3.71	0.46	3.71	-193.96	-179.15		950	
951	39	8.39	119	10.78	4299.0	979673.50	-26.54	-173.17	-163.83	1.31	0.0	0.21	0.00	0.21	-174.27	-164.87		951	
952	39	8.60	119	17.88	4721.0	979656.79	-3.90	-164.91	-154.66	1.38	0.0	0.82	0.05	0.82	-165.47	-155.18		952	
953	39	8.78	119	26.06	6439.0	979543.45	43.97	-175.65	-161.66	1.51	0.0	2.11	0.17	2.11	-175.04	-161.10		953	
954	39	8.80	119	36.40	6284.0	979559.98	38.38	-173.21	-159.74	1.51	0.0	1.92	0.13	1.92	-172.80	-159.36		954	-172.9
955	39	9.11	119	55.57	6651.0	979506.57	26.52	-200.32	-185.88	1.52	0.0	3.57	0.88	3.57	-198.26	-183.95		955	
956	39	9.15	119	14.78	4401.0	979681.00	-10.58	-160.68	-151.12	1.33	0.0	0.45	0.03	0.45	-161.55	-151.94		956	
957	39	9.19	119	15.78	4543.0	979670.44	-7.84	-162.79	-152.93	1.35	0.0	0.48	0.03	0.48	-163.66	-153.74		957	
958	39	9.20	119	6.08	4320.0	979691.53	-7.73	-155.07	-145.69	1.32	0.0	0.12	0.02	0.12	-156.26	-146.81		958	
959	39	9.32	119	55.52	6651.0	979506.34	25.98	-200.86	-186.42	1.52	0.0	3.62	0.82	3.62	-198.75	-184.44		959	-200.3
960	39	9.33	119	53.69	8157.0	979413.74	74.87	-203.33	-185.62	1.46	0.0	7.64	0.49	7.64	-197.15	-179.83		960	-202.8
961	39	9.50	119	31.42	6284.0	979546.10	30.99	-183.34	-169.69	1.51	0.0	2.35	0.42	2.35	-182.50	-168.90		961	-183.0
962	39	9.55	119	0.27	4914.0	979637.67	-6.27	-173.87	-163.20	1.40	0.0	0.49	0.17	0.49	-174.78	-164.05		962	-173.7
963	39	9.74	119	13.75	4294.0	979689.88	-12.62	-159.07	-149.75	1.31	0.0	0.45	0.02	0.45	-159.94	-150.56		963	
964	39	9.77	119	23.34	7247.0	979482.99	57.97	-189.20	-173.46	1.51	0.0	5.86	0.59	5.86	-184.85	-169.39		964	-188.8
965	39	9.85	119	18.47	4646.0	979663.67	-5.90	-164.36	-154.27	1.36	0.0	1.07	0.19	1.07	-164.66	-154.55		965	
966	39	9.89	119	3.64	4347.0	979688.25	-9.49	-157.75	-148.31	1.32	0.0	0.12	0.01	0.12	-158.95	-149.43		966	
967	39	9.90	119	45.90	4687.0	979631.60	-34.19	-194.05	-183.87	1.37	0.0	2.14	0.03	2.14	-193.29	-183.16		967	
968	39	10.06	119	11.18	4340.0	979683.80	-14.85	-162.87	-153.45	1.32	0.0	0.46	0.12	0.46	-163.74	-154.26		968	
969	39	10.10	119	45.80	4675.0	979631.10	-36.12	-195.57	-185.41	1.37	0.0	2.10	0.03	2.10	-194.83	-184.73		969	
970	39	10.10	119	45.80	4678.0	979630.10	-36.84	-196.39	-186.23	1.37	0.0	2.09	0.03	2.09	-195.66	-185.55		970	
971	39	10.12	119	46.95	4756.0	979628.91	-30.72	-192.93	-182.61	1.38	0.0	2.83	0.15	2.83	-191.48	-181.25		971	
972	39	10.13	119	45.96	4685.0	979632.91	-33.41	-193.20	-183.03	1.37	0.0	2.17	0.04	2.17	-192.40	-182.28		972	
973	39	10.20	119	10.11	4309.0	979687.33	-14.44	-161.40	-152.05	1.31	0.0	0.59	0.20	0.59	-162.13	-152.72		973	
974	39	10.31	119	28.55	7106.0	979513.51	74.45	-167.91	-152.48	1.51	0.0	3.76	0.12	3.76	-165.66	-150.38		974	-167.5
975	39	10.36	119	20.44	5709.0	979590.52	20.11	-174.61	-162.21	1.48	0.0	1.66	0.29	1.66	-174.42	-162.04		975	-174.3
976	39	10.39	119	55.41	6451.0	979521.34	20.61	-199.41	-185.40	1.51	0.0	3.80	0.94	3.80	-197.12	-183.26		976	-199.1
977	39	10.48	119	9.91	4340.0	979687.02	-12.25	-160.27	-150.84	1.32	0.0	0.68	0.19	0.68	-160.91	-151.44		977	
978	39	10.57	119	33.62	4906.0	979639.97	-6.23	-173.55	-162.90	1.40	0.0	2.36	0.24	2.36	-172.60	-162.00		978	-173.3
979	39	10.60	119	44.01	4640.0	979636.61	-34.64	-192.89	-182.81	1.36	0.0	1.59	0.00	1.59	-192.66	-182.60		979	
980	39	10.70	119	8.29	4350.0	979690.13	-8.52	-156.89	-147.44	1.32	0.0	0.77	0.09	0.77	-157.43	-147.95		980	

981	39	11.05	119	15.10	4283.0	979692.55	-12.91	-158.99	-149.69	1.31	0.0	0.56	0.03	0.56	-159.74	-150.39		981		
982	39	11.39	119	31.87	5517.0	979605.14	15.16	-173.00	-161.02	1.46	0.0	2.22	0.36	2.22	-172.24	-160.31	1.33	-982	-172.8	
983	39	11.40	119	39.70	4684.0	979654.57	-13.72	-173.47	-163.30	1.37	0.0	1.44	0.08	1.44	-173.40	-163.23	2.17	-983	-173.3	
984	39	11.47	119	4.65	4451.0	979683.18	-7.11	-158.92	-149.25	1.34	0.0	0.30	0.05	0.30	-159.96	-150.23		984		
985	39	12.18	119	18.08	4431.0	979680.56	-12.66	-163.78	-154.16	1.33	0.0	0.92	0.08	0.92	-164.19	-154.54		985		
986	39	12.30	119	34.32	4806.0	979655.77	-2.37	-166.29	-155.85	1.39	0.0	1.49	0.08	1.49	-166.18	-155.75		986		
987	39	12.31	119	46.96	4889.0	979623.97	-26.39	-193.13	-182.52	1.40	0.0	2.35	0.11	2.35	-192.19	-181.63	0.89	-987	-192.9	
988	39	12.47	119	40.94	4961.0	979635.96	-7.87	-177.07	-166.30	1.41	0.0	1.26	0.10	1.26	-177.21	-166.43		988		
989	39	12.84	119	52.89	6867.0	979501.02	35.78	-198.43	-183.52	1.52	0.0	3.71	0.66	3.71	-196.24	-181.47	2.53	-989	-198.1	
990	39	12.88	119	55.65	6280.0	979536.39	15.93	-198.26	-184.62	1.51	0.0	3.42	0.76	3.42	-196.35	-182.84	3.88	-990	-197.9	
991	39	12.93	119	0.18	5852.0	979585.01	24.25	-175.34	-162.63	1.49	0.0	2.97	0.48	2.97	-173.86	-161.25	3.34	-991	-175.1	
992	39	13.10	119	7.92	6711.0	979522.56	42.27	-186.61	-172.04	1.52	0.0	8.04	1.30	8.04	-180.09	-165.94	6.48	-992	186.3	
993	39	13.31	119	55.63	6272.0	979537.63	15.78	-198.14	-184.52	1.51	0.0	3.47	0.61	3.47	-196.17	-182.68		993		
994	39	13.40	119	36.27	4404.0	979674.83	-22.72	-172.93	-163.36	1.33	0.0	1.74	0.05	1.74	-172.51	-162.97		994		
995	39	13.70	119	48.66	5052.0	979609.60	-27.48	-199.79	-188.82	1.42	0.0	2.90	0.13	2.90	-198.31	-187.43		995		
996	39	13.71	119	23.97	5774.0	979575.90	6.66	-190.27	-177.73	1.48	0.0	1.57	0.08	1.57	-190.18	-177.65	2.43	-996	-190.0	
997	39	13.83	119	13.78	4660.0	979667.74	-6.38	-165.32	-155.20	1.37	0.0	0.33	0.03	0.33	-166.36	-156.17		997		
998	39	13.87	119	19.76	4665.0	979661.36	-12.35	-171.46	-161.33	1.37	0.0	0.82	0.13	0.82	-172.01	-161.84	4.65	-998	-171.3	
999	39	13.97	119	55.91	6297.0	979537.44	16.97	-197.80	-184.12	1.51	0.0	3.53	0.64	3.53	-195.78	-182.24	1.72	999	-197.5	

SUMMARY FOR 500 STATIONS IN RENO NEVADA
COMPUTER TERRAIN CORRECTIONS CARRIED FROM CIRCULAR INNER RADIUS OF 2.290
TO 166.700 KILOMETERS. DENSITIES ARE 2.67 AND 2.50 DENSITY OF 2.67 IS USED FOR
VALUES IN COLUMNS LABELLED CC, TC, TER, (NEAR), AND TOT. TC-HAND CORRECTION
TER-TOTAL COMPUTER CORRECTION. (NEAR)-PART OF TOTAL THAT REPRESENTS CONTRIBUTION
OF COMPARTMENTS THAT INTERSECT INNER CIRCULAR RADIUS. TOT-HAND PLUS COMPUTER TERRAIN.

STATION	LATITUDE	LONGITUDE	ELEV	OBS GRAV	F.A.	S.B.1	S.B.2	CC	TC	TER	(NEAR)	TOT	C.B.1	C.B.2	ACC	STA
1000	39 14.02	119 16.70	4268.0	979690.83	-20.42	-165.98	-156.72	1.31	0.0	0.58	0.05	0.58	-166.71	-157.39		1000
1001	39 14.30	119 45.94	5071.0	979616.70	-19.48	-192.44	-181.42	1.42	0.0	1.79	0.10	1.79	-192.06	-181.08	1.23	1001 -192.5
1003	39 14.48	119 59.96	6397.0	979539.61	27.60	-190.52	-176.63	1.51	0.0	2.98	0.21	2.98	-189.05	-175.26	3.38	1003 -190.2
1004	39 14.50	119 34.22	4377.0	979672.60	-29.11	-178.39	-168.89	1.32	0.0	1.56	0.01	1.56	-178.16	-168.67		1004
1011	39 15.57	119 31.05	4358.0	979681.69	-23.38	-172.02	-162.55	1.32	0.0	1.73	0.10	1.73	-171.61	-162.18		1011
1012	39 16.03	119 4.30	4170.0	979702.88	-20.54	-162.77	-153.71	1.29	0.0	0.34	0.10	0.34	-163.71	-154.60		1012
1002	39 14.31	119 56.68	6228.0	979537.88	10.42	-201.99	-188.47	1.51	0.0	3.50	0.18	3.50	-200.00	-186.60		1002
1005	39 14.72	119 57.79	6264.0	979541.26	16.58	-197.06	-183.46	1.51	0.0	3.56	0.15	3.56	-195.01	-181.53	159.53	1005
1006	39 14.73	119 29.74	5304.0	979630.42	15.50	~~-165.40~~	-153.88	1.44	0.0	1.82	0.33	1.82	-165.03	-153.53	1.41	1006 -171.1
1007	39 14.88	119 21.36	4632.0	979660.28	-18.02	-176.00	-165.94	1.36	0.0	0.94	0.15	0.94	-176.42	-166.34		1007
1008	39 15.46	119 0.34	4439.0	979689.98	-7.32	-158.71	-149.08	1.33	0.0	0.13	0.04	0.13	-159.92	-150.20		1008
1009	39 15.46	119 42.60	7457.0	979471.80	58.14	-196.20	-180.00	1.50	0.0	8.82	1.30	8.82	-188.88	-173.16	4.41	1009 -195.3
1010	39 15.53	119 38.17	4923.0	979643.61	-8.29	-176.20	-165.51	1.40	0.0	1.64	0.14	1.64	-175.96	-165.29	1.00	1010 -176.0
1013	39 16.03	119 6.85	4173.0	979695.90	-27.24	-169.57	-160.51	1.29	0.0	0.79	0.36	0.79	-170.07	-160.98		1013
1014	39 16.04	119 4.30	4170.0	979703.18	-20.26	-162.48	-153.42	1.29	0.0	0.34	0.10	0.34	-163.43	-154.31		1014
1015	39 16.08	119 6.84	4173.0	979696.28	-26.93	-169.26	-160.20	1.29	0.0	0.75	0.29	0.75	-169.80	-160.70		1015
1016	39 16.53	119 9.19	4189.0	979692.40	-29.97	-172.85	-163.75	1.29	0.0	0.53	0.06	0.53	-173.61	-164.46		1016
1017	39 16.74	119 39.57	5666.0	979599.17	15.32	-177.93	-165.63	1.47	0.0	1.80	0.27	1.80	-177.60	-165.32	0.81	1017 -177.7
1018	39 16.77	119 11.23	4209.0	979691.66	-29.19	-172.74	-163.60	1.30	0.0	0.37	0.07	0.37	-173.67	-164.47		1018
1019	39 16.77	119 12.12	4225.0	979691.47	-27.87	-171.97	-162.80	1.30	0.0	0.32	0.05	0.32	-172.95	-163.71		1019
1020	39 16.79	119 1.44	4314.0	979701.27	-9.74	-156.87	-147.50	1.31	0.0	0.01	0.02	0.01	-158.18	-148.72		1020
1021	39 16.79	119 12.11	4225.0	979691.11	-28.26	-172.36	-163.19	1.30	0.0	0.32	0.05	0.32	-173.34	-164.10		1021
1022	39 16.80	119 34.97	4479.0	979669.52	-25.99	-178.75	-169.03	1.34	0.0	1.83	0.26	1.83	-178.26	-168.57	0.98	1022 -178.6
1023	39 16.90	119 44.47	5395.0	979604.23	-5.33	-189.33	-177.62	1.45	0.0	1.82	0.40	1.82	-188.96	-177.27	0.93	1023 -189.1
1024	39 16.95	119 13.57	4211.0	979689.66	-31.26	-174.89	-165.74	1.30	0.0	0.30	0.04	0.30	-175.88	-166.67		1024
1025	39 16.99	119 2.85	4177.0	979707.49	-16.69	-159.15	-150.08	1.29	0.0	0.06	0.00	0.06	-160.38	-151.23		1025
1026	39 17.10	119 41.70	6661.0	979534.75	43.87	-183.31	-168.84	1.52	0.0	3.14	0.24	3.14	-181.68	-167.32	0.80	1026 -182.9
1027	39 17.34	119 27.95	4285.0	979688.32	-26.22	-172.37	-163.06	1.31	0.0	1.44	0.11	1.44	-172.24	-162.94		1027
1028	39 17.41	119 58.82	9600.0	979332.75	117.54	-209.89	-189.04	1.26	0.0	15.05	1.35	15.05	-196.09	-176.12	6.36	1028 -209.2
1029	39 17.67	119 22.81	4267.0	979685.63	-31.09	-176.62	-167.36	1.31	0.0	0.84	0.06	0.84	-177.09	-167.80		1029
1030	39 17.90	119 19.78	4246.0	979689.04	-29.99	-174.81	-165.59	1.30	0.0	0.78	0.17	0.78	-175.33	-166.07	0.50	1030 -174.6
1031	39 17.96	119 15.15	4207.0	979698.58	-24.21	-167.69	-158.56	1.30	0.0	0.41	0.08	0.41	-168.58	-159.39		1031
1032	39 18.03	119 55.21	8569.0	979406.79	93.81	-198.45	-179.84	1.41	0.0	7.50	0.32	7.50	-192.36	-174.14	[illegible]	1032 -197.9
1033	39 18.30	119 33.56	4495.0	979673.57	-22.65	-175.96	-166.20	1.34	0.0	1.78	0.17	1.78	-175.52	-165.78	[illegible]	1033 -175.8
1034	39 18.48	119 1.69	4191.0	979709.22	-15.84	-158.78	-149.68	1.29	0.0	-0.05	0.00	-0.05	-160.12	-150.94		1034
1035	39 18.50	119 39.00	6172.0	979563.80	24.91	-185.60	-172.20	1.50	0.0	2.05	0.33	2.05	-185.06	-171.69	2.75	1035 -185.3
1036	39 18.90	119 56.72	10324.0	979284.51	135.10	-217.01	-194.59	1.11	0.0	19.28	1.55	19.28	-198.84	-177.58	10.81	1036 -216.2
1037	39 19.02	119 29.43	4362.0	979688.69	-21.09	-169.86	-160.39	1.32	0.0	1.18	0.05	1.18	-170.00	-160.52		1037
1038	39 19.20	119 44.60	5806.0	979585.94	11.62	-186.40	-173.80	1.48	0.0	1.60	0.07	1.60	-186.29	-173.68		1038
1039	39 19.45	119 32.51	4582.0	979667.88	-21.85	-178.13	-168.18	1.36	0.0	1.99	0.28	1.99	-177.50	-167.59	0.75	1039 -177.9
1040	39 19.48	119 38.56	6190.0	979573.57	35.02	-176.14	-162.69	1.50	0.0	1.96	0.35	1.96	-175.69	-162.27	3.07	1040 -175.8
1041	39 19.49	119 28.40	4439.0	979688.24	-15.00	-166.39	-156.75	1.33	0.0	1.00	0.02	1.00	-166.73	-157.07		1041
1042	39 19.56	119 0.85	4205.0	979716.69	-8.64	-152.06	-142.93	1.30	0.0	-0.05	0.02	-0.05	-153.41	-144.19		1042
1043	39 19.61	119 28.26	4484.0	979687.19	-11.99	-164.93	-155.19	1.34	0.0	0.95	0.02	0.95	-165.31	-155.55		1043
1044	39 19.91	119 26.32	4336.0	979702.08	-11.46	-159.34	-149.93	1.32	0.0	0.92	0.12	0.92	-159.74	-150.30		1044
1045	39 20.22	119 26.32	4309.0	979694.51	-22.02	-168.99	-159.63	1.31	0.0	1.03	0.15	1.03	-169.27	-159.90		1045
1046	39 20.62	119 55.02	10778.0	979249.65	140.35	-227.25	-203.85	1.00	0.0	26.12	2.61	26.12	-202.14	-180.33	15.32	1046 -226.4
1047	39 20.77	119 46.69	4800.0	979647.18	-24.01	-187.72	-177.30	1.39	0.0	2.59	0.24	2.59	-186.52	-176.17		1047
1048	39 20.92	119 13.47	4197.0	979715.73	-12.36	-155.51	-146.39	1.29	0.0	0.21	0.04	0.21	-156.59	-147.41		1048
1049	39 20.98	119 24.27	4280.0	979697.78	-22.60	-168.57	-159.28	1.31	0.0	0.78	0.01	0.78	-169.10	-159.77		1049
1050	39 21.16	119 9.84	4196.0	979714.97	-13.57	-156.68	-147.57	1.29	0.0	-0.04	0.00	-0.04	-158.01	-148.81		1050
1051	39 21.18	119 1.07	4763.0	979696.49	21.22	-141.23	-130.89	1.38	0.0	0.29	0.09	0.29	-142.32	-131.91		1051
1052	39 21.35	119 39.31	6747.0	979539.57	50.51	-179.61	-164.96	1.52	0.0	3.18	0.17	3.18	-177.95	-163.40	0.59	1052 -179.2

1053	39	21.35	119	23.13	4277.0	979693.85	-27.35	-173.23	-163.94	1.31	0.0	0.73	0.01	0.73	-173.81	-164.48		1053		
1054	39	21.63	119	44.64	4676.0	979656.55	-27.56	-187.04	-176.89	1.37	0.0	2.42	0.27	2.42	-186.00	-175.91	1.26	1054	-186.8	
1055	39	21.67	119	51.02	6098.0	979563.91	13.39	-194.59	-181.35	1.50	0.0	4.37	0.50	4.37	-191.72	-178.67	0.91	1055	-194.3	
1056	39	21.80	119	35.70	9010.0	979562.18	285.07	-22.23	-2.66	1.36	0.0	23.94	5.39	23.94	0.35	18.48		1056		
1057	39	21.93	119	30.78	5589.0	979622.32	23.58	-167.04	-154.91	1.47	0.0	1.67	0.49	1.67	-166.85	-154.72	1.43	1057	-1.43	
1058	39	22.07	119	14.06	4211.0	979717.35	-11.12	-154.74	-145.60	1.30	0.0	0.26	0.02	0.26	-155.78	-146.57		1058		
1059	39	22.11	119	27.62	4711.0	979679.13	-2.40	-163.08	-152.85	1.37	0.0	1.29	0.20	1.29	-163.16	-152.92	0.40	1059	-162.9	
1060	39	22.44	119	7.00	4342.0	979708.00	-8.70	-156.79	-147.36	1.32	0.0	-0.07	0.01	-0.07	-158.18	-148.66		1060		
1061	39	22.84	119	22.59	4408.0	979690.22	-20.87	-171.21	-161.64	1.33	0.0	0.80	0.06	0.80	-171.74	-162.13		1061		
1062	39	22.87	119	19.18	4513.0	979689.22	-12.04	-165.97	-156.16	1.35	0.0	0.42	0.03	0.42	-166.89	-157.03		1062		
1063	39	22.96	119	56.08	10243.0	979291.03	128.03	-221.32	-199.08	1.13	0.0	20.09	1.72	20.09	-202.36	-181.32	12.87	1063	-220.6	
1064	39	23.18	119	39.36	6115.0	979586.65	35.50	-173.06	-159.78	1.50	0.0	1.59	0.05	1.59	-172.97	-159.70	0.32	1064	-172.[illegible]	
1065	39	23.14	119	13.78	4192.0	979712.24	-19.60	-162.57	-153.47	1.29	0.0	0.22	0.01	0.22	-163.65	-154.48		1065		
1066	39	23.76	119	22.70	4649.0	979685.72	-4.07	-162.63	-152.54	1.37	0.0	0.82	0.07	0.82	-163.18	-153.05		1066		
1067	39	23.80	119	44.50	4582.0	979664.20	-31.95	-188.22	-178.27	1.36	0.0	1.89	0.07	1.89	-187.69	-177.78		1067		
1068	39	23.95	119	29.86	6702.0	979547.02	49.90	-178.68	-164.13	1.52	0.0	3.93	0.47	3.93	-176.28	-161.88	2.68	1068	-178.3	
1069	39	23.95	119	34.18	5632.0	979610.76	13.08	-179.01	-166.78	1.47	0.0	1.18	0.19	1.18	-179.29	-167.05	1.56	1069	-178.7	
1070	39	24.03	119	15.78	4270.0	979704.66	-21.16	-166.79	-157.52	1.31	0.0	0.45	0.03	0.45	-167.64	-158.32		1070		
1071	39	24.28	119	27.14	5342.0	979635.40	9.98	-172.22	-160.62	1.45	0.0	1.45	0.35	1.45	-172.22	-160.62	0.77	1071	-172.0	
1072	39	24.48	119	0.86	5372.0	979646.32	23.42	-159.80	-148.13	1.45	0.0	2.40	0.60	2.40	-158.85	-147.25	2.69	1072	-159.6	
1073	39	24.57	119	14.58	4218.0	979708.01	-23.49	-167.35	-158.19	1.30	0.0	0.46	0.03	0.46	-168.19	-158.98		1073		
1074	39	24.60	119	22.76	4857.0	979678.36	6.88	-158.77	-148.23	1.39	0.0	0.91	0.13	0.91	-159.25	-148.68		1074		
1075	39	24.70	119	4.18	4432.0	979715.64	4.07	-147.09	-137.47	1.33	0.0	-0.03	0.03	-0.03	-148.45	-138.74		1075		
1076	39	24.85	119	47.57	4983.0	979657.75	-2.25	-172.21	-161.39	1.41	0.0	2.04	0.13	2.04	-171.58	-160.79		1076		
1077	39	24.97	119	13.53	4209.0	979710.90	-22.04	-165.59	-156.45	1.30	0.0	0.38	0.07	0.38	-166.51	-157.31		1077		
1078	39	25.05	119	57.61	8851.0	979398.04	101.20	-200.67	-181.45	1.38	0.0	10.16	0.51	10.16	-191.89	-173.23	1.56	1078	-200.1	
1079	39	25.45	119	13.35	4313.0	979712.28	-11.59	-158.69	-149.32	1.31	0.0	0.35	0.05	0.35	-159.66	-150.23		1079		
1080	39	25.54	119	10.39	4198.0	979723.28	-11.53	-154.71	-145.59	1.29	0.0	0.08	0.01	0.08	-155.93	-146.73		1080		
1081	39	25.56	119	42.72	4471.0	979675.17	-34.01	-186.50	-176.79	1.34	0.0	2.19	0.27	2.19	-185.65	-175.99		1081		
1082	39	25.81	119	20.35	4756.0	979684.56	1.80	-160.41	-150.08	1.38	0.0	0.93	0.13	0.93	-160.85	-150.50		1082		
1083	39	26.18	119	30.25	6273.0	979574.49	33.76	-180.19	-166.57	1.51	0.0	1.89	0.17	1.89	-179.80	-166.20	1.21	1083	-179.9	
1084	39	26.20	119	8.38	4351.0	979718.34	-3.06	-151.46	-142.01	1.32	0.0	-0.03	0.01	-0.03	-152.81	-143.28		1084		
1085	39	26.27	119	13.39	4515.0	979704.03	-2.06	-156.05	-146.24	1.35	0.0	0.38	0.04	0.38	-157.02	-147.15		1085		
1086	39	26.31	119	24.12	5738.0	979625.14	33.94	-161.76	-149.30	1.48	0.0	1.37	0.14	1.37	-161.87	-149.41	1.44	1086	-161.5	
1087	39	26.60	119	5.60	4190.0	979729.10	-8.03	-150.93	-141.83	1.29	0.0	-0.05	0.02	-0.05	-152.28	-143.09		1087		
1088	39	26.65	119	46.25	4504.0	979679.27	-28.41	-182.03	-172.25	1.34	0.0	1.59	0.01	1.59	-181.79	-172.02		1088		
1089	39	26.84	119	37.49	5586.0	979620.34	14.08	-176.44	-164.31	1.47	0.0	0.99	0.13	0.99	-176.92	-164.76		1089		
1090	39	26.99	119	23.91	5552.0	979639.25	29.57	-159.79	-147.73	1.47	0.0	1.10	0.13	1.10	-160.15	-148.08		1090		
1091	39	27.29	119	13.30	4513.0	979706.48	-1.30	-155.22	-145.42	1.35	0.0	0.48	0.07	0.48	-156.09	-146.23		1091		
1092	39	27.31	119	23.15	5372.0	979652.60	25.53	-157.69	-146.03	1.45	0.0	1.07	0.14	1.07	-158.07	-146.38		1092		
1093	39	27.31	119	23.19	5372.0	979651.98	24.91	-158.31	-146.65	1.45	0.0	1.07	0.14	1.07	-158.69	-147.00		1093		
1094	39	27.55	119	34.26	5126.0	979650.32	-0.23	-175.06	-163.92	1.43	0.0	1.00	0.09	1.00	-175.49	-164.33		1094		
1095	39	27.55	119	34.26	5126.0	979650.40	-0.15	-174.98	-163.84	1.43	0.0	1.00	0.09	1.00	-175.41	-164.25		1095		
1096	39	27.62	119	1.91	4151.0	979730.55	-11.75	-153.32	-144.31	1.29	0.0	-0.07	0.07	-0.07	-154.68	-145.58		1096		
1097	39	27.98	119	43.67	4414.0	979692.16	-25.95	-176.49	-166.91	1.33	0.0	1.36	0.05	1.36	-176.46	-166.88		1097		
1098	39	28.02	119	12.54	4525.0	979703.39	-4.34	-158.67	-148.85	1.35	0.0	0.34	0.04	0.34	-159.68	-149.79		1098		
1099	39	28.08	119	24.92	5695.0	979626.21	28.36	-165.88	-153.51	1.48	0.0	1.14	0.15	1.14	-166.22	-153.83		1099		
1100	39	28.15	119	3.81	4165.0	979734.85	-6.91	-148.97	-139.92	1.29	0.0	-0.07	0.01	-0.07	-150.33	-141.20		1100		
1101	39	28.22	119	12.12	4407.0	979712.55	-6.57	-156.87	-147.30	1.33	0.0	0.34	0.03	0.34	-157.86	-148.23		1101		
1102	39	28.22	119	12.12	4407.0	979712.42	-6.70	-157.00	-147.43	1.33	0.0	0.34	0.03	0.34	-157.99	-148.36		1102		
1103	39	28.54	119	7.01	4502.0	979710.81	0.15	-153.40	-143.62	1.34	0.0	0.02	0.01	0.02	-154.73	-144.86		1103		
1104	39	28.88	119	12.54	4453.0	979709.96	-5.81	-157.68	-148.01	1.34	0.0	0.43	0.09	0.43	-158.59	-148.86		1104		
1105	39	28.91	119	2.08	4138.0	979732.57	-12.85	-153.98	-145.00	1.28	0.0	-0.07	0.07	-0.07	-155.34	-146.27		1105		
1106	39	28.97	119	25.20	5560.0	979629.67	17.82	-171.81	-159.74	1.47	0.0	1.03	0.16	1.03	-172.25	-160.15	0.27	1106	-171.5	
1107	39	29.00	119	40.00	5068.0	979658.47	0.33	-172.52	-161.51	1.42	0.0	0.81	0.09	0.81	-173.13	-162.09	0.81	1107	-172.3	
1108	39	29.07	119	17.96	6906.0	979546.84	61.33	-174.21	-159.21	1.52	0.0	6.44	0.88	6.44	-169.28	-154.60	3.24	1108	-173.8	
1109	39	29.48	119	24.76	5280.0	979646.39	7.47	-172.61	-161.15	1.44	0.0	1.17	0.24	1.17	-172.88	-161.40		1109		
1110	39	29.49	119	1.88	4049.0	979733.62	-21.02	-159.12	-150.33	1.27	0.0	-0.05	0.10	-0.05	-160.43	-151.56		1110		
1111	39	29.50	119	45.50	4404.0	979686.18	-35.11	-185.31	-175.75	1.33	0.0	1.03	0.00	1.03	-185.61	-176.02		1111		
1112	39	29.70	119	31.12	5678.0	979615.45	13.61	-180.05	-167.71	1.48	0.0	1.14	0.15	1.14	-180.38	-168.03		1112		
1113	39	29.80	119	13.17	4585.0	979703.05	-1.67	-158.05	-148.09	1.36	0.0	0.47	0.05	0.47	-158.93	-148.91		1113		

1114	39	29.89	119	25.60	5094.0	979656.36	-0.65	-174.39	-163.32	1.42	0.0	1.25	0.29	1.25	-174.56	-163.49		1114		
1115	39	30.00	119	46.00	4410.0	979689.63	-31.83	-182.24	-172.67	1.33	0.0	1.01	0.00	1.01	-182.56	-172.97		1115		
1116	39	30.04	119	49.01	4575.0	979672.81	-33.20	-189.24	-179.30	1.35	0.0	1.41	0.01	1.41	-189.18	-179.25		1116		
1117	39	30.18	119	13.35	4635.0	979700.73	0.15	-157.93	-147.87	1.36	0.0	0.46	0.03	0.46	-158.83	-148.71		1117		
1118	39	30.21	119	19.95	6684.0	979562.58	54.53	-173.44	-158.93	1.52	0.0	4.15	0.33	4.15	-170.80	-156.46	1.70	1118	-173.	
1119	39	30.31	119	46.09	4400.0	979688.54	-34.32	-184.39	-174.83	1.33	0.0	0.99	0.00	0.99	-184.73	-175.15		1119		
1120	39	30.38	119	46.09	4395.0	979689.57	-33.86	-183.76	-174.22	1.33	0.0	0.98	0.00	0.98	-184.11	-174.54		1120		
1121	39	30.49	119	53.62	4646.0	979676.82	-23.18	-181.64	-171.55	1.36	0.0	3.02	0.14	3.02	-179.98	-170.00		1121		
1122	39	30.55	119	52.62	4611.0	979670.84	-32.54	-189.81	-179.79	1.36	0.0	2.60	0.11	2.60	-188.56	-178.63	0.66	1122	-187.6	
1123	39	30.59	119	26.20	4936.0	979667.38	-5.51	-173.86	-163.14	1.40	0.0	1.20	0.16	1.20	-174.07	-163.34		1123		
1124	39	30.60	119	38.90	4389.0	979708.60	-15.72	-165.41	-155.88	1.33	0.0	1.44	0.21	1.44	-165.30	-155.78		1124	-165.2	
1125	39	30.63	119	55.69	4729.0	979671.44	-20.97	-182.26	-171.99	1.38	0.0	3.45	0.21	3.45	-180.18	-170.04	0.55	1125	-182	
1126	39	30.65	119	38.95	4373.0	979709.41	-16.49	-165.64	-156.14	1.32	0.0	1.48	0.22	1.48	-165.48	-156.00		1126		
1127	39	30.70	119	44.60	4395.0	979693.30	-30.60	-180.50	-170.96	1.33	0.0	0.87	0.00	0.87	-180.96	-171.38		1127		
1128	39	30.88	119	13.57	4573.0	979703.42	-4.02	-159.99	-150.06	1.35	0.0	0.50	0.11	0.50	-160.85	-150.86		1128		
1129	39	31.00	119	54.80	4666.0	979680.90	-17.98	-177.12	-166.98	1.37	0.0	3.06	0.19	3.06	-175.42	-165.40		1129		
1130	39	31.05	119	28.80	4791.0	979676.06	-11.14	-174.54	-164.14	1.38	0.0	1.27	0.22	1.27	-174.66	-164.25		1130		
1131	39	31.17	119	59.03	4875.0	979659.84	-19.64	-185.91	-175.32	1.40	0.0	3.36	0.20	3.36	-183.95	-173.48		1131		
1132	39	31.17	119	59.27	4902.0	979659.70	-17.24	-184.43	-173.79	1.40	0.0	3.36	0.16	3.36	-182.47	-171.95		1132		
1133	39	31.23	119	37.07	4375.0	979696.81	-29.76	-178.97	-169.47	1.32	0.0	1.56	0.22	1.56	-178.74	-169.25		1133		
1134	39	31.27	119	25.63	4808.0	979675.99	-9.94	-173.92	-163.48	1.39	0.0	1.34	0.14	1.34	-173.97	-163.53		1134	173.7	
1135	39	31.30	119	59.40	4906.0	979659.00	-17.76	-185.08	-174.43	1.40	0.0	3.38	0.13	3.38	-183.10	-172.57		1135		
1136	39	31.50	119	41.90	4396.0	979708.66	-16.33	-166.27	-156.72	1.33	0.0	1.09	0.20	1.09	-166.50	-156.94		1136		
1137	39	31.52	119	49.90	4535.0	979678.04	-33.92	-188.59	-178.74	1.35	0.0	1.41	0.02	1.41	-188.53	-178.69		1137		
1138	39	31.56	119	42.71	4368.0	979705.74	-21.97	-170.95	-161.46	1.32	0.0	1.00	0.06	1.00	-171.27	-161.76		1138		
1139	39	31.56	119	42.74	4386.0	979706.05	-19.97	-169.56	-160.04	1.33	0.0	0.97	0.06	0.97	-169.92	-160.37		1139		
1140	39	31.60	119	10.86	5513.0	979646.88	26.73	-161.30	-149.33	1.46	0.0	1.99	0.29	1.99	-160.77	-148.83		1140	-161.0	
1141	39	31.65	119	17.12	4913.0	979686.88	10.26	-157.30	-146.63	1.40	0.0	1.04	0.12	1.04	-157.67	-146.97		1141	-157.1	
1142	39	31.70	119	43.50	4393.0	979694.50	-31.07	-180.90	-171.36	1.33	0.0	0.84	0.02	0.84	-181.39	-171.82		1142		
1143	39	31.70	119	48.30	4517.0	979681.70	-32.21	-186.27	-176.46	1.35	0.0	0.78	0.01	0.78	-186.83	-176.99		1143		
1144	39	31.73	119	43.47	4395.0	979695.25	-30.18	-180.07	-170.53	1.33	0.0	0.83	0.02	0.83	-180.57	-170.99		1144		
1145	39	31.87	119	13.68	4463.0	979711.00	-8.24	-160.46	-150.77	1.34	0.0	0.49	0.06	0.49	-161.31	-151.56		1145		
1146	39	31.88	119	44.65	4398.0	979694.35	-31.01	-181.01	-171.46	1.33	0.0	0.77	0.00	0.77	-181.57	-171.99		1146		
1147	39	31.91	119	5.11	4566.0	979714.53	4.91	-150.82	-140.90	1.35	0.0	0.15	0.07	0.15	-152.02	-142.03		1147	-150.6	
1148	39	32.01	119	26.26	4708.0	979681.45	-14.97	-175.54	-165.32	1.37	0.0	1.17	0.17	1.17	-175.74	-165.51		1148		
△ 1149	39	32.30	119	48.70	4547.0	979688.40	-23.58	-178.66	-168.79	1.35	0.0	1.06	0.03	1.06	-178.95	-169.06		1149		
1150	39	32.40	119	48.74	4553.0	979687.55	-24.01	-179.30	-169.41	1.35	0.0	1.06	0.03	1.06	-179.59	-169.68		1150		
1151	39	32.40	119	48.80	4584.0	979686.10	-22.55	-178.89	-168.94	1.36	0.0	1.04	0.02	1.04	-179.20	-169.23		1151		
1152	39	32.43	119	53.98	5455.0	979632.29	5.46	-180.59	-168.74	1.46	0.0	1.78	0.16	1.78	-180.26	-168.44		1152	-180.3	
1153	39	32.52	119	42.33	4396.0	979700.55	-25.95	-175.88	-166.33	1.33	0.0	0.96	0.18	0.96	-176.24	-166.67		1153		
1154	39	32.52	119	43.48	4395.0	979697.25	-29.34	-179.24	-169.70	1.33	0.0	0.79	0.01	0.79	-179.78	-170.20		1154		
1155	39	32.52	119	44.04	4399.0	979696.35	-29.87	-179.90	-170.35	1.33	0.0	0.75	0.00	0.75	-180.48	-170.89		1155		
1156	39	32.52	119	49.28	4594.0	979682.34	-25.55	-182.23	-172.26	1.36	0.0	1.15	0.03	1.15	-182.44	-172.45		1156		
1157	39	32.53	119	44.63	4404.0	979696.35	-29.41	-179.62	-170.05	1.33	0.0	0.74	0.00	0.74	-180.21	-170.61		1157		
1158	39	32.65	119	35.50	4316.0	979701.78	-32.43	-179.63	-170.26	1.31	0.0	1.82	0.27	1.82	-179.12	-169.78		1158	-179.4	
1159	39	32.66	119	26.86	4579.0	979692.37	-17.13	-173.31	-163.36	1.36	0.0	1.18	0.07	1.18	-173.48	-163.53		1159		
1160	39	32.78	119	13.91	4373.0	979718.00	-11.04	-160.19	-150.70	1.32	0.0	0.45	0.07	0.45	-161.06	-151.51		1160		
1161	39	32.90	119	46.00	4495.0	979688.90	-28.85	-182.16	-172.40	1.34	0.0	0.73	0.01	0.73	-182.78	-172.97		1161		
1162	39	32.90	119	46.00	4496.0	979688.78	-28.88	-182.22	-172.46	1.34	0.0	0.73	0.01	0.73	-182.84	-173.03		1162		
1163	39	32.90	119	46.00	4496.0	979688.50	-29.16	-182.50	-172.74	1.34	0.0	0.73	0.01	0.73	-183.12	-173.31		1163		
1164	39	32.96	119	44.04	4410.0	979699.95	-25.88	-176.29	-166.72	1.33	0.0	0.73	0.00	0.73	-176.89	-167.28		1164		
1165	39	33.00	119	34.20	4314.0	979699.00	-35.91	-183.05	-173.68	1.31	0.0	1.96	0.35	1.96	-182.40	-173.07		1165		
1166	39	33.01	119	27.82	4452.0	979700.08	-21.88	-173.72	-164.05	1.34	0.0	1.30	0.09	1.30	-173.76	-164.09		1166		
1167	39	33.02	119	42.33	4412.0	979702.45	-23.28	-173.76	-164.18	1.33	0.0	0.91	0.15	0.91	-174.18	-164.57		1167		
1168	39	33.04	119	1.04	4004.0	979743.87	-20.24	-156.81	-148.11	1.26	0.0	-0.16	0.00	-0.16	-158.23	-149.44		1168		
1169	39	33.05	119	1.20	4005.0	979743.34	-20.70	-157.29	-148.59	1.26	0.0	-0.15	0.00	-0.15	-158.71	-149.92		1169		
1170	39	33.10	119	1.30	4001.0	979743.50	-20.98	-157.44	-148.76	1.26	0.0	-0.15	0.00	-0.15	-158.85	-150.08		1170		
1171	39	33.20	119	33.25	4295.0	979700.70	-36.30	-182.78	-173.46	1.31	0.0	2.05	0.43	2.05	-182.04	-172.76		1171		
1172	39	33.30	119	31.80	4337.0	979697.80	-35.40	-183.32	-173.90	1.32	0.0	1.85	0.13	1.85	-182.78	-173.40		1172		
1173	39	33.42	119	21.78	6614.0	979569.69	50.32	-175.26	-160.90	1.52	0.0	5.86	1.18	5.86	-170.91	-156.83		1173	-174.9	
1174	39	33.50	119	2.50	4002.0	979748.09	-16.89	-153.38	-144.69	1.26	0.0	-0.10	0.01	-0.10	-154.74	-145.96		1174		

1236	39	36.96	119	23.95	6103.0	979609.26	36.64	-171.51	-158.26	1.50	0.0	4.01	1.14	4.01	-169.00	-155.90	2.76	1236	-171.2
1237	39	37.03	119	53.56	5324.0	979651.44	5.51	-176.07	-164.51	1.45	0.0	1.49	0.25	1.49	-176.03	-164.47		1237	
1238	39	37.07	119	55.26	5373.0	979646.23	4.84	-178.41	-166.74	1.45	0.0	2.17	0.94	2.17	-177.69	-166.07	2.45	1238	-178.1
1239	39	37.16	119	7.80	4042.0	979743.75	-22.88	-160.73	-151.96	1.27	0.0	0.05	0.00	0.05	-161.95	-153.10		1239	
1240	39	37.30	119	12.45	4153.0	979736.59	-19.81	-161.45	-152.43	1.29	0.0	0.17	0.01	0.17	-162.57	-153.48		1240	
1241	39	37.35	119	33.23	6731.0	979553.63	39.45	-190.12	-175.50	1.52	0.0	4.29	0.39	4.29	-187.35	-172.90		1241	
1242	39	37.35	119	40.55	4504.0	979698.88	-24.60	-178.21	-168.43	1.34	0.0	0.92	0.06	0.92	-178.64	-168.83		1242	
1243	39	37.52	119	16.12	4096.0	979732.25	-29.83	-169.53	-160.64	1.28	0.0	0.35	0.01	0.35	-170.46	-161.50		1243	
1244	39	37.53	119	8.58	4090.0	979739.90	-22.76	-162.26	-153.37	1.28	0.0	0.07	0.00	0.07	-163.46	-154.50		1244	
1245	39	37.71	119	9.42	4083.0	979741.34	-22.24	-161.50	-152.63	1.27	0.0	0.13	0.00	0.13	-162.64	-153.70		1245	
1246	39	37.75	119	43.17	4502.0	979704.35	-19.91	-173.45	-163.68	1.34	0.0	0.68	0.01	0.68	-174.12	-164.30		1246	
1247	39	37.80	119	17.00	4076.0	979733.88	-30.49	-169.51	-160.66	1.27	0.0	0.43	0.02	0.43	-170.36	-161.45		1247	
1248	39	37.90	119	17.50	4099.0	979732.20	-30.16	-169.96	-161.06	1.28	0.0	0.45	0.02	0.45	-170.79	-161.84		1248	
1249	39	37.93	119	10.24	4095.0	979742.50	-20.28	-159.95	-151.06	1.28	0.0	0.21	0.03	0.21	-161.01	-152.05		1249	
1250	39	37.95	119	56.63	5423.0	979644.64	6.65	-178.31	-166.53	1.45	0.0	1.61	0.41	1.61	-178.15	-166.38	1.09	1250	-178.1
1251	39	37.96	119	16.93	4076.0	979733.66	-30.95	-169.97	-161.12	1.27	0.0	0.42	0.01	0.42	-170.83	-161.92		1251	
1252	39	38.00	119	11.10	4107.0	979745.41	-16.35	-156.42	-147.50	1.28	0.0	0.26	0.03	0.26	-157.45	-148.46		1252	
1253	39	38.18	119	41.68	4493.0	979707.75	-17.99	-171.23	-161.47	1.34	0.0	0.74	0.01	0.74	-171.83	-162.04		1253	
1254	39	38.56	119	17.43	4110.0	979729.05	-33.25	-173.43	-164.50	1.28	0.0	0.41	0.00	0.41	-174.30	-165.32		1254	
1255	39	38.60	119	18.86	4210.0	979723.48	-29.48	-173.07	-163.93	1.30	0.0	0.50	0.01	0.50	-173.87	-164.68		1255	
1256	39	38.65	119	42.50	4498.0	979706.85	-19.11	-172.52	-162.76	1.34	0.0	0.71	0.02	0.71	-173.16	-163.35		1256	
1257	39	38.72	119	24.07	5006.0	979688.49	10.17	-160.56	-149.69	1.41	0.0	1.73	0.17	1.73	-160.25	-149.40		1257	
1258	39	38.88	119	52.86	4993.0	979674.95	-4.82	-175.12	-164.28	1.41	0.0	0.81	0.00	0.81	-175.72	-164.84		1258	
1259	39	38.90	119	57.90	5020.0	979665.10	-12.17	-183.38	-172.48	1.41	0.0	1.51	0.20	1.51	-183.29	-172.39		1259	
1260	39	38.93	119	47.75	5248.0	979667.11	11.23	-167.76	-156.36	1.44	0.0	0.58	0.03	0.58	-168.62	-157.17		1260	
1261	39	39.01	119	20.31	4218.0	979727.32	-25.49	-169.36	-160.20	1.30	0.0	0.83	0.02	0.83	-169.82	-160.63		1261	
1262	39	39.06	119	21.18	4297.0	979725.42	-20.04	-166.60	-157.27	1.31	0.0	1.08	0.07	1.08	-166.83	-157.49		1262	
1263	39	39.10	119	22.05	4459.0	979717.41	-12.88	-164.96	-155.28	1.34	0.0	1.30	0.12	1.30	-165.00	-155.31		1263	
1264	39	39.10	119	59.57	5208.0	979656.49	-3.40	-181.03	-169.72	1.43	0.0	1.20	0.03	1.20	-181.26	-169.93		1264	
1265	39	39.13	119	27.77	8035.0	979478.24	83.96	-190.09	-172.64	1.47	0.0	11.83	1.10	11.83	-179.73	-162.94	6.39	1265	-189.6
1266	39	39.17	119	30.82	6493.0	979577.85	38.62	-182.84	-168.74	1.51	0.0	2.65	0.20	2.65	-181.70	-167.67	2.12	1266	-182.5
1267	39	39.42	119	9.49	4025.0	979753.03	-18.53	-155.81	-147.07	1.26	0.0	0.72	0.15	0.72	-156.35	-147.58		1267	
1268	39	39.50	119	9.40	4027.0	979752.88	-18.61	-155.96	-147.21	1.26	0.0	0.74	0.15	0.74	-156.49	-147.71		1268	
1269	39	39.50	119	42.28	4536.0	979707.75	-15.90	-170.60	-160.75	1.35	0.0	0.72	0.02	0.72	-171.24	-161.35		1269	
1270	39	39.61	119	1.14	5493.0	979655.36	21.50	-165.85	-153.92	1.46	0.0	2.80	0.47	2.80	-164.51	-152.67	4.4	1270	-165.6
1271	39	39.82	119	59.39	5046.0	979666.24	-9.94	-182.04	-171.09	1.42	0.0	1.20	0.01	1.20	-182.26	-171.29		1271	
1272	39	39.83	119	26.30	6081.0	979620.56	41.64	-165.77	-152.56	1.50	0.0	2.71	0.44	2.71	-164.56	-151.43	4.5	1272	-165.4
1273	39	39.88	119	57.45	5283.0	979658.61	4.61	-175.57	-164.10	1.44	0.0	0.89	0.03	0.89	-176.12	-164.61		1273	
1274	39	39.95	119	15.80	4035.0	979739.74	-31.67	-169.29	-160.52	1.27	0.0	0.61	0.06	0.61	-169.94	-161.14		1274	
1275	39	39.98	119	20.11	4198.0	979729.82	-26.31	-169.49	-160.37	1.29	0.0	0.83	0.01	0.83	-169.95	-160.81	14.59	1275	
1276	39	40.05	119	3.86	4799.0	979689.11	-30.63	-194.30	-183.88	1.39	0.0	0.69	0.23	0.69	-195.01	-184.54	3.15	1276	-164.1
1277	39	40.10	119	18.60	4158.0	979728.13	-31.93	-173.75	-164.72	1.29	0.0	0.52	0.00	0.52	-174.51	-165.44		1277	
1278	39	40.11	119	18.42	4159.0	979728.85	-31.13	-172.98	-163.95	1.29	0.0	0.50	0.00	0.50	-173.77	-164.69		1278	
1279	39	40.58	119	12.41	5976.0	979619.34	29.44	-174.38	-161.40	1.49	0.0	4.85	1.15	4.85	-171.02	-158.26	4.72	1279	-174.1
1280	39	40.60	119	43.10	4576.0	979702.79	-18.72	-174.79	-164.86	1.35	0.0	0.79	0.08	0.79	-175.36	-165.38		1280	
1281	39	40.65	119	42.04	4529.0	979707.55	-18.45	-172.92	-163.09	1.35	0.0	0.86	0.07	0.86	-173.41	-163.55		1281	
1282	39	40.80	119	40.59	4817.0	979693.45	-5.70	-169.99	-159.53	1.39	0.0	0.68	0.07	0.68	-170.70	-160.20		1282	
1283	39	40.80	119	43.49	4679.0	979699.95	-12.17	-171.76	-161.60	1.37	0.0	0.67	0.13	0.67	-172.46	-162.25		1283	
1284	39	41.00	119	7.30	4025.0	979753.02	-20.88	-158.16	-149.42	1.26	0.0	0.76	0.09	0.76	-158.66	-149.89		1284	
1285	39	41.30	119	19.50	4136.0	979733.49	-30.42	-171.48	-162.50	1.28	0.0	0.78	0.01	0.78	-171.98	-162.97		1285	
1286	39	41.39	119	22.57	5769.0	979638.89	28.34	-168.42	-155.89	1.48	0.0	3.13	0.69	3.13	-166.77	-154.35	7.96	1286	-168.1
1287	39	41.40	119	52.33	5082.0	979670.21	-4.92	-178.25	-167.22	1.42	0.0	0.60	0.03	0.60	-179.07	-167.99		1287	
1288	39	41.46	119	19.54	4136.0	979734.05	-30.09	-171.16	-162.18	1.28	0.0	0.80	0.01	0.80	-171.64	-162.63		1288	
1289	39	41.50	119	41.92	4563.0	979707.15	-16.92	-172.54	-162.63	1.35	0.0	0.94	0.20	0.94	-172.95	-163.02		1289	
1290	39	41.55	119	39.25	5598.0	979643.97	17.11	-173.82	-161.66	1.47	0.0	1.24	0.12	1.24	-174.05	-161.88	2.20	1290	-173.5
1291	39	42.10	119	33.10	5126.0	979664.63	-7.40	-182.23	-171.10	1.43	0.0	1.46	0.10	1.46	-182.20	-171.07		1291	
1292	39	42.30	119	5.80	4026.0	979755.10	-20.62	-157.94	-149.19	1.26	0.0	0.56	0.04	0.56	-158.64	-149.86		1292	
1293	39	42.33	119	27.41	7723.0	979511.13	82.81	-180.60	-163.83	1.49	0.0	8.82	0.85	8.82	-173.27	-156.97	3.15	1293	-180.0
1294	39	42.40	119	6.00	4025.0	979757.29	-18.68	-155.96	-147.21	1.26	0.0	0.65	0.04	0.65	-156.57	-147.79		1294	
1295	39	42.51	119	54.15	5278.0	979658.32	-0.03	-180.05	-168.58	1.44	0.0	0.66	0.02	0.66	-180.83	-169.31		1295	
1296	39	42.52	119	47.34	5268.0	979665.69	6.38	-173.29	-161.85	1.44	0.0	0.51	0.03	0.51	-174.22	-162.72		1296	

1175	39	33.52	119	45.51	4509.0	979697.08	-20.27	-174.06	-164.27	1.34	0.0	0.67	0.01	0.67	-174.73	-164.89		1175	
1176	39	33.68	119	14.26	4296.0	979723.35	-14.26	-160.78	-151.45	1.31	0.0	0.41	0.06	0.41	-161.68	-152.29		1176	
1177	39	33.70	119	43.73	4530.0	979696.45	-19.19	-173.70	-163.86	1.35	0.0	0.60	0.01	0.60	-174.44	-164.56		1177	
1178	39	33.74	119	44.29	4436.0	979702.75	-21.79	-173.09	-163.45	1.33	0.0	0.69	0.02	0.69	-173.73	-164.06		1178	
1179	39	33.75	119	45.15	4509.0	979698.85	-18.84	-172.63	-162.84	1.34	0.0	0.65	0.01	0.65	-173.32	-163.49		1179	
1180	39	33.77	119	14.29	4291.0	979723.23	-14.98	-161.33	-152.02	1.31	0.0	0.41	0.03	0.41	-162.24	-152.86		1180	
1181	39	33.85	119	3.31	4013.0	979749.77	-14.70	-151.56	-142.85	1.26	0.0	-0.07	0.02	-0.07	-152.90	-144.10		1181	
1182	39	33.85	119	15.90	4409.0	979720.46	-6.78	-157.16	-147.58	1.33	0.0	0.54	0.06	0.54	-157.95	-148.32		1182	
1183	39	33.85	119	28.90	4253.0	979709.50	-32.40	-177.46	-168.22	1.30	0.0	1.89	0.19	1.89	-176.88	-167.68		1183	
1184	39	33.87	119	4.67	4047.0	979749.03	-12.27	-150.30	-141.51	1.27	0.0	-0.02	0.02	-0.02	-151.59	-142.72		1184	
1185	39	33.87	119	28.91	4253.0	979709.05	-32.88	-177.94	-168.70	1.30	0.0	1.89	0.19	1.89	-177.35	-168.15		1185	
1186	39	33.88	119	4.68	4046.0	979748.57	-12.84	-150.83	-142.04	1.27	0.0	-0.02	0.02	-0.02	-152.12	-143.25		1186	
1187	39	33.88	119	39.40	5219.0	979654.10	2.95	-175.05	-163.72	1.43	0.0	0.69	0.03	0.69	-175.80	-164.42		1187	
1188	39	33.90	119	2.90	4004.0	979750.30	-15.08	-151.65	-142.95	1.26	0.0	-0.08	0.02	-0.08	-152.99	-144.21		1188	
1189	39	34.07	119	1.63	4006.0	979751.22	-14.23	-150.86	-142.16	1.26	0.0	-0.13	0.01	-0.13	-152.24	-143.46		1189	
1190	39	34.35	119	44.57	4611.0	979693.15	-15.84	-173.11	-163.09	1.36	0.0	0.55	0.01	0.55	-173.92	-163.85		1190	
1191	39	34.47	119	43.45	4452.0	979705.15	-18.96	-170.81	-161.14	1.34	0.0	0.68	0.03	0.68	-171.46	-161.75		1191	
1192	39	34.50	119	5.10	4056.0	979747.60	-13.78	-152.12	-143.31	1.27	0.0	-0.02	0.01	-0.02	-153.41	-144.52		1192	
1193	39	34.53	119	59.02	6785.0	979557.85	52.91	-178.50	-163.77	1.52	0.0	3.20	0.20	3.20	-176.82	-162.19	0.95	1193	-178.1
1194	39	34.65	119	6.79	4173.0	979739.29	-11.32	-153.64	-144.58	1.29	0.0	-0.00	0.02	-0.00	-154.93	-145.79		1194	
1195	39	34.67	119	7.97	4214.0	979732.82	-13.96	-157.68	-148.53	1.30	0.0	0.05	0.03	0.05	-158.93	-149.70		1195	
1196	39	34.70	119	14.64	4226.0	979724.89	-20.81	-164.94	-155.76	1.30	0.0	0.38	0.04	0.38	-165.86	-156.63		1196	
1197	39	34.79	119	8.41	4175.0	979732.15	-18.47	-160.87	-151.80	1.29	0.0	0.08	0.03	0.08	-162.08	-152.94		1197	
1198	39	34.83	119	7.59	4177.0	979735.58	-14.91	-157.38	-148.31	1.29	0.0	0.03	0.02	0.03	-158.64	-149.49		1198	
1199	39	34.98	119	49.80	5020.0	979670.94	-0.54	-171.75	-160.85	1.41	0.0	0.91	0.06	0.91	-172.25	-161.32		1199	
1200	39	35.05	119	44.58	4500.0	979702.95	-17.51	-170.99	-161.21	1.34	0.0	0.62	0.03	0.62	-171.71	-161.89		1200	
1201	39	35.13	119	12.18	4155.0	979728.28	-24.73	-166.44	-157.42	1.29	0.0	0.23	0.04	0.23	-167.50	-158.41		1201	
1202	39	35.14	119	5.71	4061.0	979750.07	-11.79	-150.29	-141.48	1.27	0.0	-0.01	0.01	-0.01	-151.58	-142.68		1202	
1203	39	35.14	119	11.90	4155.0	979728.60	-24.42	-166.13	-157.11	1.29	0.0	0.21	0.04	0.21	-167.21	-158.12		1203	
1204	39	35.20	119	55.85	8266.0	979455.79	89.01	-192.91	-174.96	1.45	0.0	14.02	2.20	14.02	-180.33	-163.18	[illegible]	1204	192.4
1205	39	35.30	119	26.20	4203.0	979722.06	-26.68	-170.03	-160.91	1.30	0.0	2.82	0.66	2.82	-168.51	-159.48	1.76	1205	-169.8
1206	39	35.35	119	25.35	4190.0	979726.59	-23.45	-166.36	-157.26	1.29	0.0	2.73	0.68	2.73	-164.92	-155.91	[illegible]	1206	-166.1
1207	39	35.40	119	25.10	4179.0	979730.50	-20.65	-163.18	-154.10	1.29	0.0	2.76	0.71	2.76	-161.72	-152.73	[illegible]	1207	-163.0
1208	39	35.48	119	21.97	4162.0	979740.15	-12.71	-154.67	-145.63	1.29	0.0	2.06	0.33	2.06	-153.90	-144.91	[illegible]	1208	-154.5
1209	39	35.52	119	49.56	5115.0	979667.32	3.97	-170.48	-159.37	1.42	0.0	0.81	0.04	0.81	-171.10	-159.95		1209	
1210	39	35.56	119	6.74	4075.0	979749.57	-11.59	-150.58	-141.73	1.27	0.0	0.00	0.01	0.00	-151.85	-142.92		1210	
1211	39	35.56	119	42.86	4472.0	979704.45	-19.39	-171.92	-162.21	1.34	0.0	0.67	0.03	0.67	-172.59	-162.83		1211	
1212	39	35.58	119	13.53	4135.0	979728.64	-26.91	-167.94	-158.96	1.28	0.0	0.25	0.00	0.25	-168.97	-159.93		1212	
1213	39	35.60	119	14.99	4204.0	979726.45	-22.64	-166.03	-156.90	1.30	0.0	0.30	0.01	0.30	-167.02	-157.83		1213	
1214	39	35.76	119	0.20	4091.0	979744.29	-15.66	-155.19	-146.31	1.28	0.0	-0.10	0.02	-0.10	-156.57	-147.60		1214	
1215	39	35.80	119	13.50	4151.0	979727.80	-26.57	-168.15	-159.13	1.29	0.0	0.22	0.00	0.22	-169.22	-160.14		1215	
1216	39	35.80	119	20.30	4164.0	979740.30	-12.85	-154.87	-145.83	1.29	0.0	1.35	0.18	1.35	-154.80	-145.77		1216	
1217	39	35.87	119	10.21	4075.0	979737.75	-23.87	-162.85	-154.00	1.27	0.0	0.12	0.01	0.12	-164.00	-155.08		1217	
1218	39	35.90	119	10.00	4075.0	979738.00	-23.66	-162.65	-153.80	1.27	0.0	0.12	0.01	0.12	-163.80	-154.88		1218	
1219	39	35.97	119	20.70	4140.0	979744.54	-11.12	-152.32	-143.33	1.28	0.0	1.45	0.22	1.45	-152.15	-143.17		1219	
1220	39	36.10	119	44.15	4554.0	979700.45	-16.48	-171.80	-161.91	1.35	0.0	0.59	0.02	0.59	-172.57	-162.63		1220	
1221	39	36.19	119	19.88	4138.0	979740.77	-15.40	-156.53	-147.55	1.28	0.0	1.11	0.15	1.11	-156.70	-147.71		1221	
1222	39	36.22	119	13.66	4145.0	979728.69	-26.87	-168.24	-159.24	1.29	0.0	0.21	0.00	0.21	-169.32	-160.25		1222	
1223	39	36.25	119	51.62	5250.0	979655.94	4.21	-174.85	-163.45	1.44	0.0	1.09	0.09	1.09	-175.20	-163.78		1223	
1224	39	36.30	119	19.00	4163.0	979738.76	-15.22	-157.21	-148.17	1.29	0.0	0.82	0.04	0.82	-157.68	-148.61		1224	
1225	39	36.39	119	42.20	4462.0	979706.05	-19.96	-172.14	-162.45	1.34	0.0	0.71	0.03	0.71	-172.77	-163.04		1225	
1226	39	36.44	119	43.90	4514.0	979702.47	-18.72	-172.68	-162.88	1.35	0.0	0.64	0.04	0.64	-173.39	-163.54		1226	
1227	39	36.44	119	46.20	4809.0	979687.50	-5.97	-169.98	-159.54	1.39	0.0	0.60	0.04	0.60	-170.77	-160.28		1227	
1228	39	36.48	119	15.84	4165.0	979729.41	-24.65	-166.70	-157.66	1.29	0.0	0.33	0.01	0.33	-167.66	-158.56		1228	
1229	39	36.55	119	19.17	4109.0	979741.06	-18.37	-158.51	-149.59	1.28	0.0	0.89	0.07	0.89	-158.90	-149.95		1229	
1230	39	36.58	119	15.20	4153.0	979728.29	-27.04	-168.69	-159.67	1.29	0.0	0.28	0.00	0.28	-169.70	-160.61		1230	
1231	39	36.60	119	15.00	4156.0	979727.40	-27.68	-169.43	-160.40	1.29	0.0	0.26	0.00	0.26	-170.45	-161.36		1231	
1232	39	36.67	119	35.98	5141.0	979661.48	-1.12	-176.46	-165.30	1.43	0.0	1.19	0.20	1.19	-176.70	-165.52		1232	
1233	39	36.85	119	2.60	4611.0	979714.19	1.51	-155.76	-145.74	1.36	0.0	0.28	0.07	0.28	-156.84	-146.76	0.56	1233	-155.6
1234	39	36.92	119	59.45	5842.0	979618.50	21.41	-177.84	-165.15	1.49	0.0	1.63	0.23	1.63	-177.69	-165.01	1.21	1234	-177.5
1235	39	36.95	119	43.74	4525.0	979703.65	-17.26	-171.60	-161.77	1.35	0.0	0.64	0.03	0.64	-172.30	-162.43		1235	

1297	39	42.52	119	54.07	5278.0	979659.05	0.68	-179.33	-167.87	1.44	0.0	0.66	0.02	0.66	-180.11	-168.60		1297	
1298	39	42.54	119	57.76	5153.0	979670.91	0.77	-174.99	-163.80	1.43	0.0	1.26	0.33	1.26	-175.16	-163.96	1.45	1298	-174.8
1299	39	42.60	119	19.40	4116.0	979734.37	-33.34	-173.72	-164.78	1.28	0.0	0.86	0.02	0.86	-174.15	-165.18		1299	
1300	39	42.64	119	41.81	4623.0	979705.86	-14.25	-171.92	-161.88	1.36	0.0	0.93	0.24	0.93	-172.36	-162.29		1300	
1301	39	42.70	119	41.83	4618.0	979706.35	-14.32	-171.82	-161.79	1.36	0.0	0.94	0.24	0.94	-172.24	-162.19		1301	
1302	39	42.77	119	13.64	5345.0	979667.76	15.32	-166.98	-155.37	1.45	0.0	1.33	0.12	1.33	-167.10	-155.49	1.70	1302	-166.7
1303	39	42.80	119	5.28	4031.0	979760.08	-15.91	-153.40	-144.64	1.27	0.0	0.49	0.02	0.49	-154.18	-145.37		1303	
1304	39	42.80	119	16.90	4081.0	979733.18	-38.11	-177.30	-168.44	1.27	0.0	0.95	0.26	0.95	-177.63	-168.74		1304	
1305	39	42.90	119	19.40	4116.0	979734.10	-34.05	-174.43	-165.49	1.28	0.0	0.88	0.03	0.88	-174.83	-165.87		1305	
1306	39	42.98	119	19.95	4225.0	979730.59	-27.43	-171.53	-162.36	1.30	0.0	0.86	0.02	0.86	-171.97	-162.77		1306	
1307	39	43.15	119	19.49	4116.0	979734.95	-33.57	-173.95	-165.01	1.28	0.0	0.92	0.05	0.92	-174.31	-165.35		1307	
1308	39	43.24	119	45.16	4944.0	979676.65	-14.17	-182.80	-172.06	1.40	0.0	0.54	0.09	0.54	-183.66	-172.87		1308	
1309	39	43.40	119	4.70	4032.0	979759.65	-17.14	-154.65	-145.90	1.27	0.0	0.43	0.03	0.43	-155.49	-146.68		1309	
1310	39	43.55	119	41.41	4706.0	979705.55	-8.10	-168.61	-158.39	1.37	0.0	0.81	0.27	0.81	-169.17	-158.92		1310	
1311	39	43.59	119	52.02	5140.0	979672.39	-0.53	-175.83	-164.67	1.43	0.0	0.71	0.07	0.71	-176.55	-165.34		1311	
1312	39	43.61	119	44.69	4857.0	979683.55	-16.00	-181.65	-171.10	1.39	0.0	0.62	0.12	0.62	-182.43	-171.83		1312	
1313	39	43.97	119	59.53	6355.0	979597.85	38.56	-178.19	-164.39	1.51	0.0	2.68	0.48	2.68	-177.02	-163.29		1313	
1314	39	44.06	119	56.18	5771.0	979634.63	20.32	-176.51	-163.98	1.48	0.0	1.16	0.10	1.16	-176.83	-164.28	0.63	1314	-176.2
1315	39	44.22	119	44.28	4807.0	979689.55	-15.60	-179.55	-169.11	1.39	0.0	0.65	0.15	0.65	-180.28	-169.80		1315	
1316	39	44.28	119	35.25	4597.0	979706.55	-18.43	-175.21	-165.23	1.36	0.0	1.41	0.08	1.41	-175.16	-165.18		1316	
1317	39	44.28	119	52.87	5346.0	979656.15	1.57	-180.76	-169.15	1.45	0.0	0.73	0.06	0.73	-181.47	-169.82		1317	
1318	39	44.30	119	35.25	4597.0	979705.82	-19.19	-175.97	-165.99	1.36	0.0	1.41	0.08	1.41	-175.92	-165.94		1318	
1319	39	44.32	119	0.35	4070.0	979753.16	-21.41	-160.23	-151.39	1.27	0.0	0.06	0.01	0.06	-161.44	-152.52		1319	
1320	39	44.40	119	19.90	4125.0	979741.59	-27.93	-168.62	-159.66	1.28	0.0	1.04	0.09	1.04	-168.86	-159.89		1320	
1321	39	44.40	119	48.60	5192.0	979672.54	3.31	-173.77	-162.49	1.43	0.0	0.56	0.05	0.56	-174.64	-163.31		1321	
1322	39	44.45	119	41.25	4605.0	979708.75	-15.73	-172.79	-162.79	1.36	0.0	0.89	0.27	0.89	-173.26	-163.23		1322	
1323	39	44.60	119	20.00	4128.0	979741.20	-28.34	-169.13	-160.16	1.28	0.0	1.05	0.09	1.05	-169.36	-160.38		1323	
1324	39	44.73	119	1.91	4124.0	979756.09	-14.01	-154.67	-145.71	1.28	0.0	0.06	0.00	0.06	-155.89	-146.86		1324	
1325	39	44.83	119	53.05	5399.0	979656.65	6.24	-177.90	-166.17	1.45	0.0	0.79	0.06	0.79	-178.56	-166.79		1325	
1326	39	44.84	119	19.74	4128.0	979742.15	-27.74	-168.53	-159.57	1.28	0.0	1.00	0.09	1.00	-168.81	-159.83		1326	
1327	39	44.87	119	43.87	4747.0	979701.85	-9.90	-171.80	-161.49	1.38	0.0	0.69	0.18	0.69	-172.50	-162.14		1327	
1328	39	45.13	119	49.59	5115.0	979677.25	-0.29	-174.75	-163.64	1.42	0.0	0.78	0.16	0.78	-175.39	-164.24		1328	
1329	39	45.15	119	41.14	4592.0	979710.65	-16.08	-172.70	-162.73	1.36	0.0	0.82	0.21	0.82	-173.24	-163.23		1329	
1330	39	45.18	119	43.41	4722.0	979703.85	-10.71	-171.76	-161.50	1.38	0.0	0.64	0.15	0.64	-172.50	-162.20		1330	
1331	39	45.20	119	16.38	5646.0	979644.37	16.63	-175.94	-163.68	1.47	0.0	2.91	0.62	2.91	-174.50	-162.33		1331	-175.7
1332	39	45.26	119	36.62	4502.0	979708.15	-27.20	-180.75	-170.98	1.34	0.0	1.14	0.06	1.14	-180.95	-171.16		1332	
1333	39	45.34	119	27.61	8367.0	979470.81	98.54	-186.83	-168.66	1.44	0.0	15.30	1.15	15.30	-172.97	-155.68		1333	-186.3
1334	39	45.40	119	2.60	4035.0	979762.45	-17.01	-154.63	-145.87	1.27	0.0	0.24	0.03	0.24	-155.66	-146.83		1334	
1335	39	45.41	119	2.60	4053.0	979762.08	-15.70	-153.94	-145.14	1.27	0.0	0.22	0.03	0.22	-154.99	-146.12		1335	
1336	39	45.61	119	37.59	4420.0	979714.55	-29.03	-179.78	-170.18	1.33	0.0	1.12	0.14	1.12	-180.00	-170.38		1336	
1337	39	45.90	119	41.12	4565.0	979712.75	-17.63	-173.33	-163.41	1.35	0.0	0.72	0.14	0.72	-173.95	-164.00		1337	
1338	39	45.91	119	56.07	6006.0	979623.01	28.05	-176.79	-163.75	1.50	0.0	1.47	0.10	1.47	-176.82	-163.77		1338	
1339	39	45.95	119	43.14	4623.0	979704.85	-20.15	-177.83	-167.79	1.36	0.0	0.75	0.16	0.75	-178.43	-168.36		1339	
1340	39	46.01	119	49.71	5146.0	979677.15	1.22	-174.29	-163.12	1.43	0.0	0.89	0.30	0.89	-174.83	-163.62		1340	
1341	39	46.20	119	18.90	5495.0	979659.41	16.00	-171.42	-159.48	1.46	0.0	2.95	1.18	2.95	-169.92	-158.09	8.10	1341	-171.2
1342	39	46.20	119	40.98	4493.0	979715.95	-21.64	-174.88	-165.13	1.34	0.0	0.76	0.09	0.76	-175.46	-165.67		1342	
1343	39	46.49	119	36.09	4470.0	979712.25	-27.93	-180.39	-170.68	1.34	0.0	1.25	0.04	1.25	-180.48	-170.77		1343	
1344	39	46.50	119	20.50	4100.0	979745.33	-29.65	-169.48	-160.58	1.28	0.0	0.98	0.04	0.98	-169.78	-160.86		1344	
1345	39	46.50	119	37.22	4395.0	979715.65	-31.60	-181.49	-171.95	1.33	0.0	1.08	0.02	1.08	-181.74	-172.18		1345	
1346	39	46.52	119	20.52	4098.0	979745.56	-29.63	-169.40	-160.50	1.28	0.0	0.99	0.05	0.99	-169.70	-160.78		1346	
1347	39	46.58	119	41.81	4519.0	979711.55	-24.16	-178.28	-168.47	1.35	0.0	0.70	0.05	0.70	-178.93	-169.07		1347	
1348	39	46.60	119	41.00	4461.0	979718.25	-22.94	-175.09	-165.40	1.34	0.0	0.74	0.09	0.74	-175.68	-165.96		1348	
1349	39	46.64	119	35.19	4605.0	979711.95	-15.76	-172.82	-162.82	1.36	0.0	1.44	0.08	1.44	-172.74	-162.75		1349	
1350	39	46.67	119	32.45	5191.0	979685.76	13.08	-163.96	-152.69	1.43	0.0	2.40	0.47	2.40	-163.00	-151.79		1350	
1351	39	46.85	119	49.37	5188.0	979677.85	4.62	-172.32	-161.05	1.43	0.0	0.86	0.10	0.86	-172.89	-161.59		1351	
1352	39	46.91	119	24.31	5565.0	979659.43	21.55	-168.26	-156.17	1.47	0.0	3.04	0.66	3.04	-166.68	-154.69	5.85	1352	-168.0
1353	39	47.03	119	21.95	4053.0	979749.69	-30.49	-168.72	-159.92	1.27	0.0	1.55	0.12	1.55	-168.44	-159.66		1353	
1354	39	47.15	119	40.78	4421.0	979728.55	-17.21	-168.00	-158.40	1.33	0.0	0.72	0.05	0.72	-168.61	-158.97		1354	
1355	39	47.25	119	20.96	4085.0	979746.20	-31.29	-170.62	-161.75	1.28	0.0	0.99	0.04	0.99	-170.91	-162.02		1355	
1356	39	47.29	119	12.11	5893.0	979636.98	29.36	-171.63	-158.83	1.49	0.0	2.95	0.58	2.95	-170.16	-157.46	3.07	1356	-171.3
1357	39	47.31	119	54.41	5741.0	979640.15	18.22	-177.59	-165.12	1.48	0.0	1.01	0.03	1.01	-178.06	-165.56	1.16	1357	-177.3

1358	39	47.35	119	40.43	4397.0	979733.35	-14.97	-164.93	-155.38	1.33	0.0	0.73	0.03	0.73	-165.53	-155.95		1358	
1359	39	47.36	119	36.03	4486.0	979720.85	-19.11	-172.12	-162.37	1.34	0.0	1.49	0.13	1.49	-171.97	-162.23		1359	
1360	39	47.40	119	1.00	4076.0	979761.02	-17.54	-156.56	-147.71	1.27	0.0	0.12	0.03	0.12	-157.72	-148.79		1360	
1361	39	47.67	119	28.40	8249.0	979484.31	97.51	-183.84	-165.92	1.45	0.0	16.17	1.40	16.17	-169.11	-152.13	8.96	1361	-183,
1362	39	47.70	119	42.17	4455.0	979728.52	-14.86	-166.81	-157.13	1.34	0.0	0.73	0.02	0.73	-167.42	-157.70		1362	
1363	39	47.72	119	7.90	5328.0	979681.84	20.49	-161.23	-149.66	1.45	0.0	1.13	0.10	1.13	-161.55	-149.96		1363	
1364	39	47.76	119	58.51	7850.0	979498.30	73.88	-193.86	-176.81	1.48	0.0	11.70	2.10	11.70	-183.64	-167.24	7.76	1364	-193.
1365	39	47.80	119	36.02	4501.0	979723.85	-15.35	-168.87	-159.09	1.34	0.0	1.69	0.36	1.69	-168.52	-158.77		1365	
1366	39	47.80	119	40.02	4375.0	979737.65	-13.40	-162.61	-153.11	1.32	0.0	0.74	0.04	0.74	-163.20	-153.66		1366	
1367	39	47.82	119	21.99	4053.0	979749.51	-31.84	-170.07	-161.27	1.27	0.0	1.27	0.07	1.27	-170.07	-161.27		1367	
1368	39	48.02	119	54.15	5667.0	979647.47	17.53	-175.75	-163.44	1.47	0.0	0.94	0.03	0.94	-176.28	-163.94		1368	
1369	39	48.04	119	48.36	5237.0	979678.65	8.27	-170.35	-158.97	1.44	0.0	0.68	0.04	0.68	-171.10	-159.68		1369	
1370	39	48.43	119	55.24	5340.0	979665.25	3.97	-178.15	-166.56	1.45	0.0	1.26	0.11	1.26	-178.34	-166.73		1370	
1371	39	48.60	119	39.68	4297.0	979741.55	-18.01	-164.57	-155.24	1.31	0.0	0.84	0.01	0.84	-165.04	-155.68		1371	
1372	39	48.61	119	21.78	3987.0	979753.85	-34.87	-170.85	-162.20	1.26	0.0	1.02	0.02	1.02	-171.09	-162.41		1372	
1373	39	48.64	119	37.09	4492.0	979730.05	-11.24	-164.45	-154.69	1.34	0.0	1.43	0.34	1.43	-164.36	-154.62		1373	
1374	39	48.68	119	55.92	5293.0	979668.35	2.29	-178.24	-166.75	1.44	0.0	1.56	0.44	1.56	-178.12	-166.64	2.05	1374	-178.
1375	39	48.70	119	23.20	4021.0	979751.40	-34.26	-171.40	-162.67	1.26	0.0	1.62	0.05	1.62	-171.04	-162.33		1375	
1376	39	48.70	119	37.90	4288.0	979735.96	-24.60	-170.85	-161.53	1.31	0.0	1.39	0.16	1.39	-170.76	-161.45		1376	
1377	39	48.83	119	23.33	4021.0	979751.55	-34.30	-171.44	-162.71	1.26	0.0	1.64	0.05	1.64	-171.07	-162.36		1377	
1378	39	48.68	119	38.68	4273.0	979734.95	-26.99	-172.72	-163.45	1.31	0.0	1.10	0.04	1.10	-172.93	-163.64		1378	
1379	39	48.91	119	39.75	4274.0	979742.05	-20.13	-165.90	-156.62	1.31	0.0	0.87	0.02	0.87	-166.34	-157.03		1379	
1380	39	48.91	119	47.40	5241.0	979678.85	7.56	-171.19	-159.81	1.44	0.0	0.65	0.05	0.65	-171.98	-160.55		1380	
1381	39	49.04	119	56.22	5744.0	979644.55	20.34	-175.57	-163.09	1.48	0.0	1.41	0.23	1.41	-175.64	-163.16		1381	
1382	39	49.07	119	4.00	4080.0	979762.49	-18.17	-157.32	-148.46	1.27	0.0	0.92	0.31	0.92	-157.68	-148.79		1382	
1383	39	49.21	119	21.69	3951.0	979750.75	-42.24	-177.00	-168.42	1.25	0.0	0.88	0.01	0.88	-177.36	-168.76		1383	
1384	39	49.23	119	21.71	3953.0	979749.93	-42.90	-177.73	-169.14	1.25	0.0	0.88	0.00	0.88	-178.10	-169.49		1384	
1385	39	49.31	119	17.09	5572.0	979657.33	16.56	-173.49	-161.39	1.47	0.0	3.34	0.93	3.34	-171.61	-159.63	7.87	1385	-173.2
1386	39	49.42	119	0.11	4190.0	979749.32	-21.51	-164.42	-155.32	1.29	0.0	0.02	0.01	0.02	-165.69	-156.51		1386	
1387	39	49.45	119	39.55	4243.0	979743.25	-22.65	-167.36	-158.15	1.30	0.0	0.97	0.05	0.97	-167.69	-158.45		1387	
1388	39	49.51	119	25.29	3970.0	979759.75	-31.90	-167.30	-158.68	1.25	0.0	3.18	0.39	3.18	-165.37	-156.87		1388	
1389	39	49.51	119	25.55	3970.0	979758.91	-32.74	-168.14	-159.52	1.25	0.0	3.56	1.08	3.56	-165.84	-157.36	1.05	1389	-167.5
1390	39	49.57	119	34.85	6198.0	979612.19	29.86	-181.53	-168.07	1.51	0.0	4.00	0.47	4.00	-179.03	-165.73		1390	
1391	39	49.60	119	21.20	3916.0	979753.08	-43.78	-177.34	-168.84	1.24	0.0	0.78	0.01	0.78	-177.81	-169.27		1391	
1392	39	49.83	119	50.17	5118.0	979679.15	-5.06	-179.62	-168.51	1.42	0.0	0.76	0.08	0.76	-180.29	-169.13		1392	
1393	39	49.92	119	38.88	4268.0	979750.35	-13.89	-159.46	-150.19	1.31	0.0	1.12	0.10	1.12	-159.65	-150.37		1393	
1394	39	49.96	119	32.98	7490.0	979548.14	86.64	-168.82	-152.55	1.50	0.0	12.29	1.63	12.29	-158.03	-142.45	6.50	1394	-168.4
1395	39	50.00	119	39.46	4238.0	979750.45	-16.73	-161.27	-152.07	1.30	0.0	1.02	0.10	1.02	-161.56	-152.34		1395	
1396	39	50.02	119	45.38	4880.0	979704.85	-2.01	-168.45	-157.86	1.40	0.0	0.98	0.26	0.98	-168.87	-158.25		1396	
1397	39	50.14	119	46.22	5039.0	979694.65	2.55	-169.31	-158.37	1.42	0.0	0.90	0.18	0.90	-169.83	-158.85		1397	
1398	39	50.16	119	44.03	5225.0	979688.14	13.50	-164.71	-153.36	1.44	0.0	1.24	0.39	1.24	-164.90	-153.54	4.19	1398	-164,5
1399	39	50.17	119	21.40	3938.0	979751.92	-43.71	-178.02	-169.47	1.25	0.0	0.66	0.00	0.66	-178.61	-170.02		1399	
1400	39	50.20	119	21.40	3938.0	979752.34	-43.34	-177.65	-169.10	1.25	0.0	0.66	0.00	0.66	-178.24	-169.65		1400	
1401	39	50.20	119	26.03	3882.0	979762.55	-38.39	-170.79	-162.36	1.24	0.0	3.20	0.60	3.20	-168.83	-160.53	0.69	1401	-170.
1402	39	50.30	119	56.04	4932.0	979690.95	-11.44	-179.66	-168.95	1.40	0.0	1.53	0.17	1.53	-179.52	-168.82		1402	-179.
1403	39	50.32	119	31.30	5385.0	979687.54	27.70	-155.97	-144.27	1.45	0.0	2.67	0.46	2.67	-154.74	-143.13	2.39	1403	-155.
1404	39	50.40	119	12.27	5201.0	979691.95	14.69	-162.69	-151.40	1.43	0.0	0.85	0.08	0.85	-163.27	-151.94	.71	1404	-162,4
1405	39	50.40	119	27.00	3940.0	979761.50	-34.29	-168.67	-160.11	1.25	0.0	3.64	0.51	3.64	-166.28	-157.87	107	1405	-168,4
1406	39	50.55	119	39.34	4238.0	979753.05	-14.94	-159.49	-150.28	1.30	0.0	1.05	0.10	1.05	-159.74	-150.52		1406	
1407	39	50.56	119	27.03	3940.0	979761.71	-34.31	-168.69	-160.14	1.25	0.0	3.33	0.53	3.33	-166.61	-158.18		1407	
1408	39	50.56	119	50.38	5097.0	979682.55	-4.72	-178.56	-167.49	1.42	0.0	0.74	0.01	0.74	-179.24	-168.13		1408	
1409	39	50.60	119	39.01	4412.0	979745.75	-5.96	-156.44	-146.86	1.33	0.0	0.88	0.07	0.88	-156.89	-147.28		1409	
1410	39	50.77	119	1.55	4200.0	979752.86	-19.03	-162.28	-153.16	1.30	0.0	0.11	0.01	0.11	-163.46	-154.26		1410	
1411	39	50.79	119	6.33	5331.0	979703.40	37.79	-144.03	-132.46	1.45	0.0	1.20	0.15	1.20	-144.28	-132.69	1.94	1411	143,7
1412	39	50.80	119	6.31	5331.0	979703.60	37.97	-143.85	-132.27	1.45	0.0	1.20	0.15	1.20	-144.09	-132.50		1412	
1413	39	50.85	119	39.33	4335.0	979750.35	-8.97	-156.82	-147.41	1.32	0.0	0.92	0.07	0.92	-157.22	-147.78		1413	
1414	39	50.85	119	39.40	4329.0	979750.32	-9.56	-157.21	-147.81	1.32	0.0	0.91	0.07	0.91	-157.61	-148.19		1414	
1415	39	50.87	119	21.41	3968.0	979754.35	-39.50	-174.83	-166.22	1.25	0.0	0.53	0.00	0.53	-175.55	-166.89		1415	
1416	39	50.95	119	47.78	5199.0	979687.15	8.89	-168.43	-157.14	1.43	0.0	0.91	0.17	0.91	-168.95	-157.63		1416	
1417	39	51.01	119	56.04	4805.0	979698.25	-17.13	-181.01	-170.58	1.39	0.0	1.48	0.14	1.48	-180.92	-170.49		1417	
1418	39	51.05	119	22.39	3908.0	979758.91	-40.85	-174.13	-165.65	1.24	0.0	0.65	0.01	0.65	-174.72	-166.20		1418	

1419	39	51.30	119	28.50	3909.0	979765.40	-34.63	-167.95	-159.46	1.24	0.0	3.06	0.36	3.06	-166.13	-157.76	1.33	1419 -167.7
1420	39	51.30	119	39.19	4235.0	979759.25	-10.14	-154.58	-145.38	1.30	0.0	1.13	0.11	1.13	-154.75	-145.54		1420
1421	39	51.31	119	59.38	7109.0	979540.17	40.87	-201.59	-186.15	1.51	0.0	9.01	1.82	9.01	-194.10	-179.14	10.52	1421 -201.5
1422	39	51.35	119	56.00	4785.0	979699.65	-18.11	-181.31	-170.92	1.38	0.0	1.36	0.08	1.36	-181.33	-170.94		1422
1423	39	51.36	119	56.01	4781.0	979700.45	-17.70	-180.76	-170.38	1.38	0.0	1.37	0.08	1.37	-180.78	-170.40		1423
1424	39	51.48	119	28.56	3909.0	979765.69	-34.61	-167.93	-159.44	1.24	0.0	2.77	0.38	2.77	-166.40	-158.01		1424
1425	39	51.58	119	21.42	3969.0	979760.55	-34.26	-169.62	-161.01	1.25	0.0	0.46	0.01	0.46	-170.42	-161.75		1425
1426	39	51.67	119	2.48	4209.0	979763.65	-8.73	-152.28	-143.14	1.30	0.0	0.22	0.04	0.22	-153.36	-144.15		1426
1427	39	51.70	119	39.00	4231.0	979761.65	-8.70	-153.01	-143.82	1.30	0.0	1.20	0.09	1.20	-153.11	-143.92		1427
1428	39	51.71	119	40.25	4226.0	979756.95	-13.89	-158.02	-148.85	1.30	0.0	1.16	0.04	1.16	-158.16	-148.97		1428
1429	39	51.80	119	55.57	4761.0	979702.65	-18.03	-180.41	-170.07	1.38	0.0	1.23	0.20	1.23	-180.57	-170.22		1429
1430	39	51.85	119	38.63	4212.0	979763.65	-8.71	-152.37	-143.22	1.30	0.0	1.29	0.18	1.29	-152.38	-143.23		1430
1431	39	51.87	119	38.95	4202.0	979764.55	-8.78	-152.10	-142.97	1.30	0.0	1.28	0.18	1.28	-152.11	-142.98		1431
1432	39	51.98	119	39.94	4331.0	979754.15	-7.22	-154.93	-145.53	1.32	0.0	1.06	0.13	1.06	-155.19	-145.77		1432
1433	39	52.02	119	4.11	4431.0	979756.32	4.29	-146.83	-137.21	1.33	0.0	0.31	0.11	0.31	-147.85	-138.16		1433
1434	39	52.03	119	39.31	4362.0	979754.75	-3.78	-152.55	-143.08	1.32	0.0	1.02	0.13	1.02	-152.85	-143.36		1434
1435	39	52.08	119	40.32	4368.0	979750.35	-7.69	-156.67	-147.18	1.32	0.0	1.06	0.14	1.06	-156.93	-147.43		1435
1436	39	52.14	119	40.83	4323.0	979752.65	-9.71	-157.15	-147.76	1.32	0.0	1.18	0.16	1.18	-157.29	-147.89		1436
1437	39	52.25	119	37.94	4215.0	979767.75	-4.92	-148.68	-139.53	1.30	0.0	1.36	0.15	1.36	-148.62	-139.47		1437
1438	39	52.31	119	40.49	4681.0	979727.95	-1.01	-160.66	-150.49	1.37	0.0	0.91	0.13	0.91	-161.12	-150.92		1438
1439	39	52.39	119	41.25	4385.0	979747.45	-9.45	-159.00	-149.48	1.33	0.0	1.22	0.14	1.22	-159.11	-149.58		1439
1440	39	52.43	119	1.57	4347.0	979754.32	-6.21	-154.47	-145.03	1.32	0.0	0.08	0.01	0.08	-155.71	-146.19		1440
1441	39	52.50	119	17.70	4472.0	979745.67	-3.21	-155.74	-146.03	1.34	0.0	0.33	0.04	0.33	-156.74	-146.97		1441
1442	39	52.61	119	2.69	4259.0	979763.88	-5.19	-150.45	-141.20	1.31	0.0	0.21	0.02	0.21	-151.54	-142.23		1442
1443	39	52.64	119	55.56	4724.0	979705.35	-20.05	-181.17	-170.91	1.38	0.0	1.08	0.10	1.08	-181.46	-171.19		1443
1444	39	52.65	119	36.95	4191.0	979769.15	-6.37	-149.31	-140.21	1.29	0.0	1.42	0.12	1.42	-149.19	-140.09		1444
1445	39	52.65	119	56.45	4769.0	979704.25	-16.94	-179.59	-169.24	1.38	0.0	1.03	0.04	1.03	-179.95	-169.57		1445
1446	39	52.66	119	54.99	4777.0	979704.65	-15.80	-178.73	-168.35	1.38	0.0	1.01	0.16	1.01	-179.10	-168.71		1446
1447	39	52.67	119	33.85	4305.0	979760.00	-4.83	-151.66	-142.31	1.31	0.0	1.66	0.36	1.66	-151.32	-141.99		1447
1448	39	52.69	119	21.13	3904.0	979784.00	-18.56	-151.71	-143.23	1.24	0.0	0.48	0.04	0.48	-152.47	-143.94		1448
1449	39	52.70	119	23.90	4019.0	979777.97	-13.79	-150.87	-142.14	1.26	0.0	0.46	0.02	0.46	-151.67	-142.89		1449
1450	39	52.70	119	36.63	4208.0	979768.75	-5.24	-148.77	-139.63	1.30	0.0	1.39	0.11	1.39	-148.68	-139.54		1450
1451	39	52.70	119	36.72	4208.0	979768.29	-5.70	-149.23	-140.09	1.30	0.0	1.38	0.11	1.38	-149.14	-140.01		1451
1452	39	52.73	119	42.30	4346.0	979744.15	-16.92	-165.14	-155.71	1.32	0.0	1.58	0.09	1.58	-164.88	-155.46		1452
1453	39	52.84	119	42.64	4370.0	979741.85	-17.12	-166.17	-156.68	1.32	0.0	1.67	0.09	1.67	-165.83	-156.36		1453
1454	39	52.94	119	10.18	4664.0	979730.65	-0.84	-159.91	-149.78	1.37	0.0	0.35	0.03	0.35	-160.93	-150.73		1454
1455	39	52.95	119	43.24	4346.0	979744.65	-16.74	-164.97	-155.53	1.32	0.0	2.00	0.11	2.00	-164.29	-154.89		1455
1456	39	53.05	119	35.90	4120.0	979773.15	-9.63	-150.15	-141.21	1.28	0.0	1.50	0.15	1.50	-149.93	-141.00		1456
1457	39	53.25	119	35.56	4174.0	979770.15	-7.86	-150.22	-141.15	1.29	0.0	1.31	0.07	1.31	-150.19	-141.13		1457
1458	39	53.29	119	43.99	4372.0	979745.95	-13.50	-162.62	-153.12	1.32	0.0	2.52	0.44	2.52	-161.42	-152.00		1458
1459	39	53.45	119	20.92	3946.0	979785.65	-14.08	-148.67	-140.10	1.25	0.0	0.44	0.04	0.44	-149.48	-140.86		1459
1460	39	53.47	119	52.97	4848.0	979699.65	-15.33	-180.67	-170.15	1.39	0.0	1.09	0.16	1.09	-180.98	-170.43		1460
1461	39	53.54	119	6.35	4846.0	979738.92	23.65	-141.63	-131.10	1.39	0.0	0.31	0.07	0.31	-142.71	-132.12		1461
1462	39	52.54	119	55.27	4730.0	979709.75	-14.94	-176.26	-165.99	1.38	0.0	1.10	0.18	1.10	~~-176.54~~	~~-166.25~~	174	1462
1463	39	53.55	119	35.09	4160.0	979771.55	-8.21	-150.10	-141.06	1.29	0.0	1.20	0.08	1.20	-150.18	-141.14		1463
1464	39	53.64	119	44.27	4414.0	979742.35	-13.67	-164.22	-154.63	1.33	0.0	2.68	0.35	2.68	-162.86	-153.36		1464
1465	39	53.72	119	31.25	3842.0	979778.69	-31.22	-162.26	-153.91	1.23	0.0	1.35	0.11	1.35	-162.14	-153.80		1465
1466	39	53.82	119	0.46	4668.0	979751.77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]

1480	~~39~~	~~54.58~~	~~449~~	~~54.58~~	~~4867.0~~	~~979703.85~~	~~-10.98~~	~~-176.98~~	~~-166.41~~	~~1.39~~	~~0.0~~	~~0.0~~	~~0.0~~	~~0.0~~	~~-178.37~~	~~-167.71~~		1480
1481	39	54.75	119	33.68	3908.0	979788.05	-17.18	-150.47	-141.98	1.24	0.0	1.06	0.10	1.06	-150.65	-142.15		1481
1482	39	54.78	119	33.79	3908.0	979787.44	-17.83	-151.12	-142.63	1.24	0.0	1.07	0.11	1.07	-151.29	-142.80		1482
1483	39	54.80	119	34.00	3908.0	979787.10	-18.20	-151.49	-143.00	1.24	0.0	1.10	0.11	1.10	-151.63	-143.14		1483
1484	39	54.90	119	34.02	3978.0	979783.07	-15.80	-151.48	-142.84	1.26	0.0	0.98	0.09	0.98	-151.75	-143.09		1484
1485	39	54.91	119	39.92	6566.0	979609.40	53.75	-170.19	-155.93	1.52	0.0	6.62	1.21	6.62	-165.08	-151.15		1485
1486	39	54.91	119	39.94	6566.0	979609.37	53.72	-170.22	-155.96	1.52	0.0	6.61	1.21	6.61	-165.13	-151.19	8.47	~~1486~~ -169.9
1487	39	55.00	119	46.04	4685.0	979723.75	-8.81	-168.60	-158.42	1.37	0.0	3.02	0.67	3.02	-166.95	-156.88		1487
1488	39	55.16	119	54.91	4959.0	979698.45	-8.59	-177.73	-166.96	1.41	0.0	0.77	0.06	0.77	-178.37	-167.56		1488
1489	39	55.17	119	19.55	3990.0	979789.05	-9.09	-145.18	-136.51	1.26	0.0	0.54	0.13	0.54	-145.90	-137.19		1489
1490	39	55.40	119	46.56	4745.0	979719.75	-7.76	-169.60	-159.29	1.38	0.0	2.95	0.71	2.95	-168.02	-157.82		1490
1491	39	55.52	119	55.08	4895.0	979704.55	-9.04	-175.99	-165.36	1.40	0.0	0.80	0.07	0.80	-176.59	-165.92		1491
1492	39	55.59	119	47.00	4870.0	979713.45	-2.59	-168.69	-158.12	1.39	0.0	2.60	0.62	2.60	-167.49	-156.99		1492
1493	39	55.75	119	35.16	3907.0	979790.05	-16.75	-150.01	-141.52	1.24	0.0	1.24	0.14	1.24	-150.01	-141.53		1493
1494	39	55.82	119	4.22	4503.0	979749.47	-1.41	-154.99	-145.22	1.34	0.0	0.18	0.02	0.18	-156.16	-146.31		1494
1495	39	55.82	119	4.22	4503.0	979749.27	-1.61	-155.19	-145.42	1.34	0.0	0.18	0.02	0.18	-156.36	-146.51		1495
1496	39	55.85	119	4.19	4503.0	979749.09	-1.84	-155.42	-145.64	1.34	0.0	0.18	0.02	0.18	-156.59	-146.73		1496
1497	39	55.87	119	19.01	3940.0	979789.86	-14.02	-148.40	-139.84	1.25	0.0	0.69	0.16	0.69	-148.96	-140.37		1497
1498	39	55.88	119	19.00	3940.0	979790.85	-13.04	-147.42	-138.87	1.25	0.0	0.69	0.16	0.69	-147.98	-139.39		1498
1499	39	55.92	119	43.45	6194.0	979644.39	52.29	-158.96	-145.51	1.50	0.0	3.43	0.73	3.43	-157.04	-143.71	1.91	~~1499~~ -158.7

SUMMARY FOR 207 STATIONS IN RENO NEVADA
COMPUTER TERRAIN CORRECTIONS CARRIED FROM CIRCULAR INNER RADIUS OF 2.290
TO 166.700 KILOMETERS, DENSITIES ARE 2.67 AND 2.50 DENSITY OF 2.67 IS USED FOR
VALUES IN COLUMNS LABELLED CC, TC, TER, (NEAR), AND TOT. TC-HAND CORRECTION
TER-TOTAL COMPUTER CORRECTION, (NEAR)-PART OF TOTAL THAT REPRESENTS CONTRIBUTION
OF COMPARTMENTS THAT INTERSECT INNER CIRCULAR RADIUS. TOT-HAND PLUS COMPUTER TERRAIN.

STATION	LATITUDE	LONGITUDE	ELEV	OBS GRAV	F.A.	S.B.1	S.B.2	CC	TC	TER	(NEAR)	TOT	C.B.1	C.B.2	ACC	STA
1500	39 55.95	119 22.94	4071.0	979777.22	-14.46	-153.31	-144.47	1.27	0.0	0.38	0.03	0.38	-154.20	-145.31		1500
1501	39 55.95	119 22.94	4071.0	979773.61	-18.07	-156.92	-148.08	1.27	0.0	0.38	0.03	0.38	-157.81	-148.92		1501
1502	39 55.96	119 22.94	4071.0	979776.24	-15.46	-154.31	-145.46	1.27	0.0	0.38	0.03	0.38	-155.20	-146.30		1502
1503	39 56.15	119 47.26	4880.0	979714.55	-1.38	-167.82	-157.23	1.40	0.0	2.64	0.40	2.64	-166.58	-156.06	0.75	1503-167.4
1504	39 56.36	119 30.14	3956.0	979795.08	-8.02	-142.95	-134.36	1.25	0.0	0.54	0.03	0.54	-143.66	-135.02		1504
1505	39 56.45	119 4.54	4620.0	979749.27	8.45	-149.12	-139.09	1.36	0.0	0.17	0.02	0.17	-150.31	-140.20		1505
1506	39 56.55	119 54.16	4791.0	979719.95	-4.94	-168.34	-157.94	1.38	0.0	1.11	0.13	1.11	-168.62	-158.20		1506
1507	39 56.61	119 12.09	6267.0	979635.23	48.97	-164.78	-151.17	1.51	0.0	4.47	0.83	4.47	-161.81	-148.39	4.28	1507-164.5
1508	39 56.63	119 12.11	6267.0	979635.23	48.94	-164.81	-151.20	1.51	0.0	4.47	0.83	4.47	-161.84	-148.42		1508
1509	39 56.71	119 55.78	4573.0	979728.45	-17.17	-173.14	-163.21	1.35	0.0	1.15	0.17	1.15	-173.34	-163.40		1509
1510	39 56.90	119 56.00	4596.0	979727.45	-16.29	-173.04	-163.06	1.36	0.0	1.09	0.16	1.09	-173.31	-163.32		1510
1511	39 56.92	119 18.08	3883.0	979793.05	-17.74	-150.18	-141.74	1.24	0.0	0.92	0.12	0.92	-150.49	-142.04		1511
1512	39 56.92	119 48.43	5123.0	979708.65	14.42	-160.31	-149.19	1.42	0.0	1.96	0.37	1.96	-159.77	-148.68		1512
1513	39 56.95	119 36.00	3905.0	979790.45	-18.32	-151.50	-143.02	1.24	0.0	1.48	0.15	1.48	-151.26	-142.80		1513
1514	39 57.00	119 22.50	3904.0	979781.88	-27.06	-160.21	-151.73	1.24	0.0	0.62	0.14	0.62	-160.83	-152.32		1514
1515	39 57.00	119 36.20	3901.0	979791.80	-17.42	-150.47	-142.00	1.24	0.0	1.61	0.15	1.61	-150.10	-141.65		1515
1516	39 57.17	119 36.17	3900.0	979792.04	-17.52	-150.54	-142.07	1.24	0.0	1.57	0.11	1.57	-150.21	-141.76		1516
1517	39 57.17	119 36.17	3900.0	979792.04	-17.52	-150.54	-142.07	1.24	0.0	1.57	0.11	1.57	-150.21	-141.76		1517
1518	39 57.18	119 4.93	4713.0	979750.05	16.90	-143.85	-133.61	1.37	0.0	0.20	0.02	0.20	-145.02	-134.71		1518
1519	39 57.18	119 36.12	3901.0	979792.55	-16.93	-149.98	-141.51	1.24	0.0	1.53	0.11	1.53	-149.69	-141.24		1519
1520	39 57.30	119 56.85	4509.0	979733.05	-19.46	-173.24	-163.45	1.34	0.0	1.22	0.05	1.22	-173.37	-163.57		1520
1521	39 57.30	119 56.88	4509.0	979732.55	-19.96	-173.74	-163.95	1.34	0.0	1.22	0.05	1.22	-173.87	-164.07		1521
1522	39 57.31	119 17.37	3952.0	979790.30	-14.58	-149.37	-140.79	1.25	0.0	1.03	0.11	1.03	-149.60	-141.00		1522
1523	39 57.48	119 48.88	5280.0	979700.65	20.34	-159.74	-148.27	1.44	0.0	1.70	0.09	1.70	-159.48	-148.03		1523
1524	39 57.50	119 17.95	3879.0	979790.57	-21.46	-153.76	-145.33	1.24	0.0	0.96	0.09	0.96	-154.03	-145.59		1524
1525	39 57.66	119 16.53	4107.0	979788.25	-2.58	-142.66	-133.74	1.28	0.0	1.08	0.21	1.08	-142.85	-133.92		1525
1526	39 57.67	119 48.44	5471.0	979689.39	26.75	-159.84	-147.96	1.46	0.0	1.72	0.09	1.72	-159.58	-147.72		1526
1527	39 57.69	119 49.37	5471.0	979689.75	27.08	-159.51	-147.63	1.46	0.0	1.47	0.04	1.47	-159.50	-147.62		1527
1528	39 57.72	119 2.29	4585.0	979750.74	4.75	-151.62	-141.67	1.36	0.0	0.15	0.01	0.15	-152.84	-142.80		1528
1529	39 57.70	119 15.34	4349.0	979773.35	5.21	-143.12	-133.67	1.32	0.0	1.01	0.13	1.01	-143.43	-133.97		1529
1530	39 57.82	119 59.20	4425.0	979732.49	-28.68	-179.60	-170.00	1.33	0.0	1.53	0.22	1.53	-179.40	-169.81		1530
1531	39 57.82	119 59.45	4418.0	979730.20	-31.63	-182.31	-172.72	1.33	0.0	1.54	0.21	1.54	-182.11	-172.53		1531
1532	39 57.83	119 58.32	4483.0	979733.44	-22.30	-175.20	-165.46	1.34	0.0	1.42	0.20	1.42	-175.11	-165.38		1532
1533	39 57.83	119 59.75	4412.0	979730.86	-31.55	-182.03	-172.45	1.33	0.0	1.54	0.13	1.54	-181.82	-172.25		1533
1534	39 57.85	119 59.13	4426.0	979733.05	-28.07	-179.03	-169.42	1.33	0.0	1.55	0.23	1.55	-178.81	-169.22		1534
1535	39 57.90	119 22.95	3876.0	979776.05	-36.85	-169.05	-160.63	1.24	0.0	0.98	0.33	0.98	-169.30	-160.87		1535
1536	39 57.94	119 55.52	4589.0	979733.35	-12.59	-169.10	-159.13	1.36	0.0	1.18	0.07	1.18	-169.28	-159.30		1536
1537	39 57.99	119 14.75	4486.0	979759.92	4.23	-148.77	-139.03	1.34	0.0	1.01	0.28	1.01	-149.11	-139.34		1537
1538	39 58.06	119 6.97	4839.0	979737.66	15.04	-150.00	-139.49	1.39	0.0	0.31	0.05	0.31	-151.08	-140.50		1538
1539	39 58.15	119 1.15	4552.0	979743.37	-6.36	-161.61	-151.72	1.35	0.0	0.13	0.02	0.13	-162.83	-152.87		1539
1540	39 58.43	119 54.87	4712.0	979728.15	-6.95	-167.66	-157.43	1.37	0.0	1.13	0.04	1.13	-167.90	-157.65		1540
1541	39 58.46	119 25.12	6044.0	979639.35	29.40	-176.74	-163.62	1.50	0.0	6.64	1.45	6.64	-171.60	-158.81	8.31	1541-176.4
1542	39 58.48	119 49.72	5280.0	979703.35	21.56	-158.52	-147.05	1.44	0.0	1.79	0.14	1.79	-158.17	-146.73		1542
1543	39 58.56	119 44.58	8722.0	979469.07	110.59	-186.89	-167.95	1.40	0.0	18.65	2.59	18.65	-169.64	-151.79	9.61	1543-186.4
1544	39 58.57	119 44.56	8722.0	979469.03	110.53	-186.94	-168.00	1.40	0.0	18.63	2.10	18.63	-169.71	-151.87		1544
1545	39 58.59	119 53.98	4784.0	979726.25	-2.32	-165.48	-155.10	1.38	0.0	1.22	0.09	1.22	-165.65	-155.25		1545
1546	39 58.70	119 41.20	7443.0	979555.50	76.65	-177.21	-161.04	1.50	0.0	11.00	1.43	11.00	-167.70	-152.15	7.07	1546-177.1
1547	39 58.75	119 41.19	7443.0	979555.00	76.08	-177.78	-161.62	1.50	0.0	11.04	1.37	11.04	-168.24	-152.69		1547
1548	39 58.75	119 53.36	4866.0	979725.55	4.45	-161.51	-150.94	1.39	0.0	1.27	0.09	1.27	-161.64	-151.06		1548
1549	39 58.75	119 53.41	4867.0	979725.28	4.28	-161.72	-151.15	1.39	0.0	1.25	0.09	1.25	-161.86	-151.29		1549
1550	39 58.81	119 36.97	3898.0	979793.25	-18.93	-151.88	-143.41	1.24	0.0	1.92	0.17	1.92	-151.19	-142.77	0.67	1550-151.7
1551	39 58.83	119 52.71	4977.0	979720.65	9.87	-159.88	-149.07	1.41	0.0	1.31	0.12	1.31	-159.98	-149.16		1551
1552	39 58.84	119 9.01	4956.0	979730.48	17.71	-151.32	-140.56	1.41	0.0	0.39	0.05	0.39	-152.34	-141.51		1552

	1553	39	58.87	119	52.26	5124.0	979712.35	15.32	-159.44	-148.31	1.42	0.0	1.30	0.11	1.30	-159.57	-148.43		1553	
	1554	39	58.95	119	50.81	5271.0	979704.25	20.92	-158.85	-147.41	1.44	0.0	1.64	0.30	1.64	-158.66	-147.22		1554	
	1555	39	59.03	119	13.57	5003.0	979724.61	15.97	-154.66	-143.80	1.41	0.0	0.75	0.21	0.75	-155.32	-144.42	1.65	1555	-154.4
	1556	39	59.10	119	51.31	5377.0	979698.25	24.66	-158.73	-147.05	1.45	0.0	1.46	0.13	1.46	-158.72	-147.05		1556	
	1557	39	59.35	119	29.90	4256.0	979767.21	-12.12	-157.27	-148.03	1.30	0.0	0.93	0.24	0.93	-157.65	-148.38		1557	
	1558	39	59.40	119	23.10	3901.0	979778.30	-34.47	-167.52	-159.05	1.24	0.0	1.18	0.31	1.18	-167.58	-159.10		1558	
NG	1559	39	59.50	119	39.10	3893.0	979785.76	-27.91	-160.69	-152.23	1.24	0.0	4.79	1.24	4.79	-157.14	-148.91		1559	
	1560	39	59.84	119	10.65	5081.0	979724.93	22.42	-150.87	-139.84	1.42	0.0	0.49	0.03	0.49	-151.81	-140.71		1560	
	1561	39	59.90	119	37.80	3905.0	979787.00	-26.13	-159.32	-150.84	1.24	0.0	2.35	0.22	2.35	-158.21	-149.80		1561	
	1562	39	59.93	119	13.15	5586.0	979699.39	44.21	-146.30	-134.17	1.47	0.0	1.36	0.12	1.36	-146.41	-134.28		1562	
	1563	39	19.90	119	23.90	4293.0	970000.00	-9717.56	-9863.98	-9854.66	1.31	0.0	0.66	0.01	0.66	-9864.63	-9855.27		1563	-176.9
	1564	39	18.80	119	22.80	4288.0	970000.00	-9716.41	-9862.66	-9853.34	1.31	0.0	0.67	0.03	0.67	-9863.29	-9853.94		1564	-178.9
	1565	39	18.10	119	22.10	4243.0	970000.00	-9719.61	-9864.32	-9855.11	1.30	0.0	0.78	0.06	0.78	-9864.84	-9855.59		1565	-179.5
	1566	39	18.10	119	20.90	4240.0	970000.00	-9719.89	-9864.50	-9855.29	1.30	0.0	0.80	0.17	0.80	-9865.00	-9855.76		1566	-178.9
	1567	39	17.60	119	18.70	4231.0	970000.00	-9720.00	-9864.30	-9855.11	1.30	0.0	0.76	0.15	0.76	-9864.83	-9855.61		1567	-174.6
	1568	39	17.40	119	17.70	4223.0	970000.00	-9720.46	-9864.49	-9855.32	1.30	0.0	0.67	0.16	0.67	-9865.12	-9855.90		1568	-172.6
	1569	39	17.60	119	16.30	4266.0	970000.00	-9716.71	-9862.20	-9852.94	1.31	0.0	0.47	0.08	0.47	-9863.04	-9853.72		1569	-167.4
	1570	39	18.30	119	13.30	4200.0	970000.00	-9723.95	-9867.19	-9858.07	1.30	0.0	0.20	0.00	0.20	-9868.29	-9859.09		1570	-171.6
	1571	39	52.70	119	5.10	4800.0	970000.00	-9718.35	-9882.06	-9871.63	1.39	0.0	0.35	0.11	0.35	-9883.09	-9872.60		1571	-143.7
	1572	39	50.30	119	2.40	4140.0	970000.00	-9776.84	-9918.04	-9909.04	1.28	0.0	0.25	0.01	0.25	-9919.07	-9910.01		1572	-161.3
	1573	39	49.30	119	1.40	4110.0	970000.00	-9778.18	-9918.35	-9909.43	1.28	0.0	0.14	0.01	0.14	-9919.49	-9910.49		1573	-165.6
	1574	39	46.90	119	1.50	4070.0	970000.00	-9778.39	-9917.20	-9908.36	1.27	0.0	0.15	0.04	0.15	-9918.32	-9909.41		1574	-156.9
	1575	39	32.70	119	8.10	4560.0	970000.00	-9711.35	-9866.87	-9856.97	1.35	0.0	0.17	0.06	0.17	-9868.05	-9858.08		1575	-159.6
	1576	39	31.70	119	9.10	4980.0	970000.00	-9670.39	-9840.24	-9829.43	1.41	0.0	0.53	0.04	0.53	-9841.12	-9830.25		1576	-153.2
	1577	39	27.60	119	5.90	4313.0	970000.00	-9727.04	-9874.13	-9864.77	1.31	0.0	-0.05	0.02	-0.05	-9875.50	-9866.05		1577	
	1578	39	25.50	119	5.00	4160.0	970000.00	-9738.32	-9880.20	-9871.17	1.29	0.0	-0.03	0.02	-0.03	-9881.52	-9872.40		1578	-144.9
	1579	39	25.50	119	0.90	4440.0	970000.00	-9712.00	-9863.43	-9853.79	1.33	0.0	0.02	0.06	0.02	-9864.74	-9855.02		1579	-152.2
	1580	39	24.40	119	5.70	4160.0	970000.00	-9736.70	-9878.58	-9869.55	1.29	0.0	0.01	0.07	0.01	-9879.86	-9870.74		1580	-149.6
	1581	39	22.50	119	13.70	4198.0	970000.00	-9730.32	-9873.50	-9864.39	1.29	0.0	0.20	0.02	0.20	-9874.59	-9865.41		1581	
	1582	39	22.50	119	11.10	4180.0	970000.00	-9732.02	-9874.58	-9865.50	1.29	0.0	0.02	0.00	0.02	-9875.86	-9866.70		1582	-158.7
	1583	39	21.50	119	12.10	4376.0	970000.00	-9712.12	-9861.37	-9851.86	1.32	0.0	0.07	0.03	0.07	-9862.62	-9853.04		1583	-156.8
	1584	39	18.40	119	2.70	4180.0	970000.00	-9725.97	-9868.54	-9859.46	1.29	0.0	-0.05	0.00	-0.05	-9869.88	-9860.71		1584	
	1585	39	14.50	119	4.30	4830.0	970000.00	-9659.13	-9823.86	-9813.37	1.39	0.0	0.52	0.12	0.52	-9824.73	-9814.18		1585	-169.2
	1586	39	12.80	119	4.80	4560.0	970000.00	-9682.00	-9837.53	-9827.63	1.35	0.0	0.49	0.16	0.49	-9838.39	-9828.43		1586	-169.4
	1587	39	10.10	119	5.10	4320.0	970000.00	-9700.59	-9847.93	-9838.54	1.32	0.0	0.19	0.02	0.19	-9849.05	-9839.59		1587	-157.2
	1588	39	9.10	119	6.10	4360.0	970000.00	-9695.35	-9844.05	-9834.59	1.32	0.0	0.10	0.01	0.10	-9845.28	-9835.73		1588	-156.2
	1589	39	46.10	118	46.20	3885.0	970000.00	-9794.59	-9927.10	-9918.66	1.24	0.0	-0.20	0.01	-0.20	-9928.54	-9920.01		1589	
	1590	39	38.80	118	47.50	4100.0	970000.00	-9763.59	-9903.43	-9894.52	1.28	0.0	-0.20	0.02	-0.20	-9904.91	-9895.91		1590	-149.9
	1591	39	38.60	118	45.60	3901.0	970000.00	-9782.01	-9915.05	-9906.59	1.24	0.0	-0.29	0.00	-0.29	-9916.59	-9908.02		1591	-149.8
	1592	39	37.60	118	50.70	3922.0	970000.00	-9778.55	-9912.32	-9903.80	1.25	0.0	-0.27	0.00	-0.27	-9913.83	-9905.22		1592	-155.4
	1593	39	37.20	118	48.90	3960.0	970000.00	-9774.39	-9909.45	-9900.85	1.25	0.0	-0.29	0.00	-0.29	-9910.98	-9902.29		1593	-155.2
	1594	39	36.90	118	45.30	3913.0	970000.00	-9778.37	-9911.82	-9903.33	1.24	0.0	-0.29	0.00	-0.29	-9913.36	-9904.77		1594	-155.2
	1595	39	56.90	118	41.90	4003.0	970000.00	-9799.48	-9936.00	-9927.31	1.26	0.0	-0.03	0.01	-0.03	-9937.29	-9928.51		1595	-153.9
	1596	39	55.90	118	42.50	3890.0	970000.00	-9808.62	-9941.29	-9932.85	1.24	0.0	-0.04	0.01	-0.04	-9942.57	-9934.04		1596	-155.1
	1597	39	54.70	118	43.90	3893.0	970000.00	-9806.56	-9939.34	-9930.88	1.24	0.0	-0.09	0.01	-0.09	-9940.66	-9932.12		1597	-155.6
	1598	39	54.80	118	39.60	3900.0	970000.00	-9806.05	-9939.07	-9930.60	1.24	0.0	0.23	0.26	0.23	-9940.07	-9931.54		1598	-148.5
	1599	39	53.10	118	41.10	4302.0	970000.00	-9765.75	-9912.47	-9903.13	1.31	0.0	0.12	0.10	0.12	-9913.67	-9904.25		1599	-138.2
	1600	39	52.50	118	39.50	3930.0	970000.00	-9799.83	-9933.86	-9925.33	1.25	0.0	-0.01	0.15	-0.01	-9935.12	-9926.50		1600	-140.6
	1601	39	42.30	118	44.00	3875.0	970000.00	-9789.92	-9922.08	-9913.66	1.24	0.0	-0.29	0.00	-0.29	-9923.60	-9915.09		1601	
	1602	39	41.80	118	41.00	3870.0	970000.00	-9789.65	-9921.64	-9913.23	1.24	0.0	-0.29	0.00	-0.29	-9923.17	-9914.66		1602	
	1603	39	41.30	118	40.00	3870.0	970000.00	-9788.91	-9920.90	-9912.50	1.24	0.0	-0.30	0.00	-0.30	-9922.43	-9913.93		1603	
	1604	39	38.80	118	44.90	3890.0	970000.00	-9783.34	-9916.01	-9907.56	1.24	0.0	-0.30	0.00	-0.30	-9917.54	-9909.00		1604	
	1605	39	38.90	118	44.30	3890.0	970000.00	-9783.48	-9916.16	-9907.71	1.24	0.0	-0.30	0.00	-0.30	-9917.69	-9909.15		1605	
	1606	39	36.90	118	39.30	3900.0	970000.00	-9779.59	-9912.60	-9904.13	1.24	0.0	-0.28	0.00	-0.28	-9914.12	-9905.55		1606	
	1607	39	36.80	118	35.10	3887.0	970000.00	-9780.66	-9913.23	-9904.79	1.24	0.0	-0.25	0.00	-0.25	-9914.72	-9906.18		1607	-160.9
	1608	39	36.40	118	41.60	3912.0	970000.00	-9777.72	-9911.14	-9902.65	1.24	0.0	-0.29	0.00	-0.29	-9912.68	-9904.08		1608	-156.8
	1609	39	36.30	118	37.80	3902.0	970000.00	-9778.52	-9911.60	-9903.13	1.24	0.0	-0.27	0.00	-0.27	-9913.11	-9904.54		1609	-160.0
	1610	39	35.90	118	38.70	3902.0	970000.00	-9777.93	-9911.01	-9902.54	1.24	0.0	-0.28	0.00	-0.28	-9912.52	-9903.95		1610	-160.1
	1611	39	35.00	118	38.40	3900.0	970000.00	-9776.79	-9909.80	-9901.33	1.24	0.0	-0.27	0.00	-0.27	-9911.31	-9902.75		1611	-158.3
	1612	39	24.50	118	37.50	3953.0	970000.00	-9756.30	-9891.13	-9882.54	1.25	0.0	-0.21	0.01	-0.21	-9892.58	-9883.91		1612	-148.3
	1613	39	24.30	118	36.40	4079.0	970000.00	-9744.17	-9883.29	-9874.43	1.27	0.0	-0.18	0.01	-0.18	-9884.73	-9875.79		1613	-146.8

1614	39	24.00	118	34.40	4213.0	970000.00	-9731.13	-9874.81	-9865.66	1.30	0.0	-0.09	0.02	-0.09	-9876.20	-9866.96		1614	-147.5
1615	39	23.90	118	33.60	4264.0	970000.00	-9726.18	-9871.61	-9862.35	1.31	0.0	-0.04	0.02	-0.04	-9872.96	-9863.61		1615	-146.8
1616	39	23.90	118	32.10	4140.0	970000.00	-9737.84	-9879.04	-9870.05	1.28	0.0	-0.01	0.01	-0.01	-9880.33	-9871.26		1616	
1617	39	21.30	118	34.90	3967.0	970000.00	-9750.27	-9885.57	-9876.95	1.25	0.0	-0.16	0.00	-0.16	-9886.98	-9878.27		1617	-158.5
1618	39	19.00	118	34.80	3980.0	970000.00	-9745.66	-9881.40	-9872.76	1.26	0.0	-0.10	0.03	-0.10	-9882.76	-9874.03		1618	-153.8
1619	39	18.00	118	33.20	3920.0	970000.00	-9749.82	-9883.52	-9875.01	1.24	0.0	0.04	0.04	0.04	-9884.72	-9876.14		1619	-163.3
1620	39	17.00	118	30.00	3920.0	970000.00	-9748.35	-9882.05	-9873.54	1.24	0.0	0.17	0.01	0.17	-9883.12	-9874.54		1620	-171.8
1621	39	14.40	118	39.20	3930.0	970000.00	-9743.58	-9877.61	-9869.08	1.25	0.0	0.03	0.01	0.03	-9878.83	-9870.22		1621	-162.6
1622	39	13.80	118	38.00	4000.0	970000.00	-9736.12	-9872.54	-9863.86	1.26	0.0	0.10	0.03	0.10	-9873.71	-9864.95		1622	-161.0
1623	39	13.20	118	36.10	4200.0	970000.00	-9716.43	-9859.68	-9850.55	1.30	0.0	0.19	0.06	0.19	-9860.78	-9851.59		1623	-161.9
1624	39	12.90	118	34.70	4480.0	970000.00	-9689.67	-9842.46	-9832.73	1.34	0.0	0.30	0.08	0.30	-9843.51	-9833.71		1624	-153.8
1625	39	10.50	118	35.00	4600.0	970000.00	-9674.86	-9831.74	-9821.75	1.36	0.0	0.20	0.03	0.20	-9832.90	-9822.84		1625	-154.8
1626	39	7.30	118	37.00	4200.0	970000.00	-9707.74	-9850.99	-9841.87	1.30	0.0	0.21	0.06	0.21	-9852.07	-9842.89		1626	-168.6
1627	39	6.70	118	41.80	4200.0	970000.00	-9706.86	-9850.11	-9840.98	1.30	0.0	0.26	0.08	0.26	-9851.13	-9841.95		1627	
1628	39	5.90	118	38.20	4040.0	970000.00	-9720.73	-9858.52	-9849.74	1.27	0.0	0.23	0.02	0.23	-9859.55	-9850.71		1628	-171.3
1629	39	5.70	118	34.40	4400.0	970000.00	-9686.59	-9836.65	-9827.10	1.33	0.0	0.21	0.06	0.21	-9837.77	-9828.14		1629	
1630	39	5.50	118	30.50	4880.0	970000.00	-9641.18	-9807.61	-9797.02	1.40	0.0	0.28	0.06	0.28	-9808.73	-9798.06		1630	
1631	39	5.50	118	43.10	4960.0	970000.00	-9633.66	-9802.82	-9792.05	1.41	0.0	0.68	0.23	0.68	-9803.55	-9792.73		1631	-159.1
1632	39	4.40	118	31.20	4560.0	970000.00	-9669.64	-9825.16	-9815.26	1.35	0.0	0.20	0.03	0.20	-9826.31	-9816.33		1632	-169.7
1633	39	2.50	118	40.90	4660.0	970000.00	-9657.44	-9816.38	-9806.26	1.37	0.0	0.21	0.13	0.21	-9817.53	-9807.34		1633	-167.3
1634	39	0.60	118	39.70	4247.0	970000.00	-9693.47	-9838.32	-9829.09	1.30	0.0	0.12	0.03	0.12	-9839.50	-9830.20		1634	-171
1635	39	0.10	118	41.80	4280.0	970000.00	-9689.63	-9835.61	-9826.31	1.31	0.0	0.15	0.05	0.15	-9836.77	-9827.40		1635	-167.2
1636	39	53.70	118	29.30	3865.0	970000.00	-9807.71	-9939.54	-9931.14	1.23	0.0	-0.21	0.00	-0.21	-9940.98	-9932.49		1636	-154.1
1637	39	51.90	118	29.40	3869.0	970000.00	-9804.68	-9936.63	-9928.23	1.24	0.0	-0.23	0.00	-0.23	-9938.09	-9929.60	511	1637	-175.1
1638	39	50.20	118	29.50	3869.0	970000.00	-9802.16	-9934.12	-9925.71	1.24	0.0	-0.24	0.00	-0.24	-9935.59	-9927.09	512	1638	-175.7
1639	39	48.50	118	29.60	3870.0	970000.00	-9799.55	-9931.54	-9923.14	1.24	0.0	-0.23	0.00	-0.23	-9933.01	-9924.51	513	1639	-171.5
1640	39	46.70	118	29.90	3870.0	970000.00	-9796.89	-9928.88	-9920.48	1.24	0.0	-0.23	0.00	-0.23	-9930.35	-9921.85	514	1640	-171.3
1641	39	45.80	118	29.80	3870.0	970000.00	-9795.56	-9927.55	-9919.15	1.24	0.0	-0.23	0.00	-0.23	-9929.02	-9920.52		1641	-168.7
1642	39	40.40	118	29.80	3875.0	970000.00	-9787.11	-9919.27	-9910.86	1.24	0.0	-0.18	0.00	-0.18	-9920.68	-9912.18		1642	-160.1
1643	39	40.30	118	26.60	3875.0	970000.00	-9786.96	-9919.12	-9910.71	1.24	0.0	-0.08	0.00	-0.08	-9920.43	-9911.93		1643	-167.1
1644	39	39.20	118	26.10	3880.0	970000.00	-9784.87	-9917.20	-9908.77	1.24	0.0	-0.01	0.00	-0.01	-9918.45	-9909.94		1644	-170.3
1645	39	32.90	118	25.70	3990.0	970000.00	-9765.22	-9901.30	-9892.64	1.26	0.0	0.72	0.03	0.72	-9901.84	-9893.14		1645	-163.7
1646	39	32.10	118	25.50	4156.0	970000.00	-9748.44	-9890.18	-9881.16	1.29	0.0	0.82	0.09	0.82	-9890.65	-9881.59		1646	-164.8
1647	39	31.30	118	25.00	4280.0	970000.00	-9735.60	-9881.57	-9872.28	1.31	0.0	1.06	0.07	1.06	-9881.82	-9872.51		1647	-163.9
1648	39	30.70	118	24.30	4380.0	970000.00	-9725.31	-9874.70	-9865.19	1.32	0.0	1.42	0.23	1.42	-9874.60	-9865.10		1648	-161.8
1649	39	29.90	118	24.50	4600.0	970000.00	-9703.45	-9860.34	-9850.35	1.36	0.0	1.09	0.14	1.09	-9860.61	-9850.60		1649	-160.6
1650	39	29.00	118	24.50	4770.0	970000.00	-9686.14	-9848.83	-9838.47	1.38	0.0	0.97	0.13	0.97	-9849.24	-9838.86		1650	-160.3
1651	39	28.10	118	24.40	4950.0	970000.00	-9667.90	-9836.72	-9825.97	1.40	0.0	0.88	0.11	0.88	-9837.24	-9826.46		1651	-158.9
1652	39	27.00	118	22.10	5380.0	970000.00	-9625.86	-9809.35	-9797.67	1.45	0.0	1.15	0.13	1.15	-9809.65	-9797.95		1652	-158.1
1653	39	24.40	118	20.10	4920.0	970000.00	-9665.26	-9833.06	-9822.38	1.40	0.0	0.75	0.16	0.75	-9833.71	-9822.99		1653	-156.4
1654	39	23.80	118	17.90	4866.0	970000.00	-9669.45	-9835.41	-9824.84	1.39	0.0	0.56	0.08	0.56	-9836.25	-9825.63		1654	-155.9
1655	39	23.70	118	17.50	4929.0	970000.00	-9663.38	-9831.49	-9820.79	1.40	0.0	0.55	0.03	0.55	-9832.34	-9821.59		1655	-171.9
1656	39	23.10	118	16.00	4620.0	970000.00	-9691.54	-9849.11	-9839.08	1.36	0.0	0.40	0.05	0.40	-9850.07	-9839.98		1656	-181.2
1657	39	39.10	118	9.10	3550.0	970000.00	-9815.74	-9936.82	-9929.11	1.17	0.0	1.98	0.03	1.98	-9936.00	-9928.35		1657	
1658	39	37.00	118	9.20	3575.0	970000.00	-9810.29	-9932.22	-9924.45	1.18	0.0	2.60	0.08	2.60	-9930.79	-9923.12		1658	
1659	39	22.10	118	14.10	4325.0	970000.00	-9717.80	-9865.30	-9855.91	1.32	0.0	0.33	0.02	0.33	-9866.29	-9856.84	569	1659	-181.4
1660	39	21.10	118	12.30	4225.0	970000.00	-9725.72	-9869.82	-9860.64	1.30	0.0	0.32	0.00	0.32	-9870.80	-9861.56	570	1660	-177.1
1661	39	20.10	118	10.30	4300.0	970000.00	-9717.20	-9863.86	-9854.52	1.31	0.0	0.38	0.00	0.38	-9864.79	-9855.39	571	1661	-173.7
1662	39	21.50	118	9.70	4225.0	970000.00	-9726.31	-9870.41	-9861.23	1.30	0.0	0.54	0.00	0.54	-9871.17	-9861.94	572	1662	-169.3
1663	39	0.20	119	50.69	4786.0	979605.64	-36.58	-199.81	-189.42	1.38	0.0	6.62	1.64	6.62	-194.57	-184.51		1663	
1664	39	0.40	119	39.29	5197.0	979576.98	-26.90	-204.15	-192.86	1.43	0.0	1.12	0.02	1.12	-204.46	-193.15		1664	
1665	39	1.62	119	46.72	4665.0	979606.42	-49.26	-208.37	-198.23	1.37	0.0	1.91	0.00	1.91	-207.82	-197.72		1665	
1666	39	3.41	119	44.48	4704.0	979608.26	-46.39	-206.82	-196.61	1.37	0.0	1.47	0.06	1.47	-206.72	-196.52		1666	
1667	39	5.96	119	43.57	4637.0	979625.69	-39.01	-197.16	-187.09	1.36	0.0	1.71	0.12	1.71	-196.81	-186.77		1667	
1668	39	6.08	119	46.41	4911.0	979604.26	-34.86	-202.35	-191.69	1.40	0.0	1.75	0.06	1.75	-202.01	-191.36		1668	
1669	39	7.98	119	46.14	4751.0	979618.31	-38.64	-200.68	-190.37	1.38	0.0	2.13	0.14	2.13	-199.93	-189.66		1669	
1670	39	8.12	119	42.12	4657.0	979634.14	-31.85	-190.69	-180.58	1.37	0.0	1.81	0.24	1.81	-190.24	-180.16		1670	
1671	39	9.00	119	44.35	4688.0	979632.49	-31.89	-191.78	-181.60	1.37	0.0	1.56	0.04	1.56	-191.59	-181.42		1671	
1672	39	9.27	119	48.80	5361.0	979583.42	-18.10	-200.94	-189.30	1.45	0.0	3.80	0.82	3.80	-198.59	-187.10		1672	
1673	39	9.68	119	41.12	5020.0	979622.03	-12.14	-183.36	-172.46	1.41	0.0	1.14	0.08	1.14	-183.63	-172.71		1673	
1674	39	10.95	119	48.30	5216.0	979597.73	-19.89	-197.79	-186.46	1.43	0.0	3.31	0.29	3.31	-195.91	-184.71		1674	

1675	39	13.09	119	44.76	5052.0	979619.51	-16.68	-188.98	-178.01	1.42	0.0	1.66	0.25	1.66	-188.74	-177.79		1675
1676	39	13.38	119	48.46	5055.0	979607.19	-29.14	-201.55	-190.57	1.42	0.0	2.85	0.15	2.85	-200.11	-189.23		1676
1677	39	14.00	119	41.50	5487.0	979601.53	4.89	-182.25	-170.34	1.46	0.0	1.64	0.53	1.64	-182.07	-170.17		1677
1678	39	14.02	119	49.88	5176.0	979603.12	-22.78	-199.32	-188.07	1.43	0.0	3.77	0.43	3.77	-196.98	-185.89		1678
1679	39	14.45	119	40.39	5321.0	979615.16	2.25	-179.23	-167.67	1.45	0.0	1.62	0.23	1.62	-179.05	-167.51	10.82	1679 -177.9
1680	39	14.72	119	50.72	5147.0	979602.66	-27.00	-202.54	-191.37	1.43	0.0	4.61	0.68	4.61	-199.36	-188.39		1680
1681	39	14.73	119	49.59	5031.0	979608.13	-32.45	-204.04	-193.11	1.41	0.0	3.52	0.24	3.52	-201.93	-191.14		1681
1682	39	15.54	119	45.33	5056.0	979619.51	-19.91	-192.35	-181.37	1.42	0.0	2.16	0.51	2.16	-191.61	-180.68		1682
1683	39	16.30	119	50.40	5063.0	979606.77	-33.11	-205.79	-194.80	1.42	0.0	4.87	0.23	4.87	-202.34	-191.56		1683
1684	39	17.31	119	47.00	5049.0	979617.34	-25.34	-197.55	-186.58	1.42	0.0	1.97	0.03	1.97	-196.99	-186.06		1684
1685	39	19.22	119	49.00	5111.0	979617.99	-21.68	-196.00	-184.90	1.42	0.0	3.61	0.28	3.61	-193.81	-182.85		1685
1686	39	22.95	119	42.13	5602.0	979606.96	7.94	-183.13	-170.96	1.47	0.0	1.65	0.29	1.65	-182.95	-170.79		1686
1687	39	22.98	119	50.20	5941.0	979~~474.17~~ 5243.1	~~-93.04~~ 7.6	-295.66	-282.76	1.49	0.0	3.38	0.22	3.38	~~-293.78~~	-281.00	-192.7	1687
1688	39	23.50	119	46.75	5019.0	979639.96	-14.67	-185.85	-174.95	1.41	0.0	1.81	0.11	1.81	-185.45	-174.58		1688
1689	39	25.36	119	49.97	5522.0	979609.10	-1.00	-189.33	-177.34	1.46	0.0	3.40	0.45	3.40	-187.39	-175.52		1689
1690	39	27.02	119	41.80	5216.0	979598.71	-42.60	-220.49	-209.17	1.43	0.0	1.18	0.20	1.18	-220.75	-209.41		1690
1691	39	27.96	119	48.42	4758.0	979668.43	-17.31	-179.59	-169.26	1.38	0.0	1.73	0.07	1.73	-179.24	-168.93		1691
1692	39	28.45	119	51.39	5429.0	979626.33	2.93	-182.23	-170.44	1.46	0.0	2.73	0.24	2.73	-180.96	-169.25		1692
1693	39	28.63	119	45.79	4420.0	979685.36	-33.14	-183.89	-174.29	1.33	0.0	1.19	0.00	1.19	-184.03	-174.43		1693
1694	39	29.46	119	42.86	4506.0	979691.20	-20.44	-174.13	-164.34	1.34	0.0	1.07	0.19	1.07	-174.40	-164.59		1694
1695	39	34.34	119	52.35	6062.0	979603.36	30.76	-175.99	-162.83	1.50	0.0	2.45	0.28	2.45	-175.04	-161.94		1695
1696	39	35.06	119	48.11	5455.0	979641.32	10.61	-175.44	-163.59	1.46	0.0	1.31	0.26	1.31	-175.59	-163.74		1696
1697	39	36.99	119	48.05	5561.0	979640.58	16.98	-172.68	-160.61	1.47	0.0	1.20	0.15	1.20	-172.95	-160.85		1697
1698	39	39.93	119	55.29	5080.0	979665.61	-7.54	-180.80	-169.77	1.42	0.0	0.86	0.05	0.86	-181.36	-170.30		1698
1699	39	40.55	119	47.72	4996.0	979682.02	0.06	-170.34	-159.49	1.41	0.0	0.51	0.04	0.51	-171.24	-160.33		1699
1700	39	40.76	119	59.78	5096.0	979667.92	-4.95	-178.76	-167.69	1.42	0.0	1.10	0.01	1.10	-179.07	-167.99		1700
1700	39	40.76	119	59.78	5096.0	979667.92	-4.95	-178.76	-167.69	1.42	0.0	1.10	0.01	1.10	-179.07	-167.99		1700
338	39	25.78	118	31.52	4148.0	970000.00	-9739.86	-9881.34	-9872.33	1.29	0.0	0.08	0.03	0.08	-9882.54	-9873.46		338
467	39	31.75	118	10.90	4204.0	979370.76	-372.65	-516.03	-506.90	1.30	0.0	2.28	0.26	2.28	-515.05	-505.98		467
671	39	43.10	118	53.93	4150.0	979759.09	-6.16	-147.70	-138.69	1.29	0.0	-0.09	0.06	-0.09	-149.08	-139.98		671
849	39	0.59	119	10.91	4406.0	979661.91	-16.60	-166.87	-157.31	1.33	0.0	0.38	0.01	0.38	-167.82	-158.20		849
1480	39	54.58	119	54.58	4867.0	979703.85	-10.98	-176.98	-166.41	1.39	0.0	0.85	0.07	0.85	-177.53	-166.92		1480

SUMMARY FOR 145 STATIONS IN WASHOE VALLEY
COMPUTER TERRAIN CORRECTIONS CARRIED FROM CIRCULAR INNER RADIUS OF 2.290
TO 166.700 KILOMETERS. DENSITIES ARE 2.67 AND 2.50 DENSITY OF 2.67 IS USED FOR
VALUES IN COLUMNS LABELLED CC, TC, TER, (NEAR), AND TOT. TC-HAND CORRECTION
TER-TOTAL COMPUTER CORRECTION, (NEAR)-PART OF TOTAL THAT REPRESENTS CONTRIBUTION
OF COMPARTMENTS THAT INTERSECT INNER CIRCULAR RADIUS. TOT-HAND PLUS COMPUTER TERRAIN.

STATION	LATITUDE	LONGITUDE	ELEV	OBS GRAV	F.A.	S.B.1	S.B.2	CC	TC	TER	(NEAR)	TOT	C.B.1	C.B.2	ACC	STA
T 1	39 12.53	119 48.20	5155.0	979606.80	-18.88	-194.70	-183.50	1.43	3.30	2.76	0.19	6.06	-190.06	-179.17	2190	1
T 2	39 16.24	119 50.29	5056.0	979606.90	-33.55	-205.99	-195.01	1.42	4.90	4.66	0.26	9.56	-197.85	-187.39	2190	2
T 3	39 10.01	119 45.80	4674.0	979631.90	-35.28	-194.69	-184.54	1.37	2.00	2.09	0.03	4.09	-191.97	-181.99	2190	3
T 4	39 18.65	119 49.37	5103.0	979614.10	-25.48	-199.53	-188.45	1.42	4.80	4.14	0.17	8.94	-192.02	-181.41	2190	4
T 5	39 19.77	119 48.15	5038.0	979630.20	-17.14	-188.97	-178.03	1.42	3.00	2.88	0.11	5.88	-184.51	-173.85	2190	5
T 6	39 19.89	119 47.42	5089.0	979629.70	-13.03	-186.60	-175.54	1.42	2.30	2.25	0.12	4.55	-183.47	-172.61	2190	6
T 7	39 19.04	119 47.39	5062.0	979630.10	-13.91	-186.56	-175.57	1.42	2.20	2.25	0.07	4.45	-183.53	-172.73	2190	7
T 8	39 19.30	119 47.78	5033.0	979628.70	-18.42	-190.08	-179.15	1.41	2.40	2.56	0.08	4.96	-186.54	-175.83	2190	8
T 9	39 18.20	119 46.96	5075.0	979622.70	-18.85	-191.94	-180.92	1.42	2.00	2.01	0.06	4.01	-189.35	-178.49	2190	9
T 10	39 17.10	119 45.48	5164.0	979617.10	-14.46	-190.59	-179.38	1.43	2.00	1.86	0.21	3.86	-188.16	-177.10	2190	10
T 11	39 15.33	119 45.31	5066.0	979619.50	-18.67	-191.45	-180.45	1.42	2.30	2.13	0.51	4.43	-188.44	-177.63	2190	11
T 12	39 24.30	119 44.80	4572.0	979665.60	-32.23	-188.16	-178.23	1.35	1.70	1.78	0.02	3.48	-186.04	-176.25	2190	12
T 13	39 19.19	119 48.71	4489.0	979620.00	-78.09	-231.20	-221.45	1.34	3.60	5.64	0.74	9.24	-223.30	-214.05	2190	13
T 14	39 20.79	119 46.66	4800.0	979647.80	-23.42	-187.13	-176.71	1.39	3.50	2.58	0.23	6.08	-182.44	-172.31	2190	14
T 15	39 20.62	119 47.29	4924.0	979642.10	-17.21	-185.15	-174.46	1.40	3.20	2.52	0.13	5.72	-180.83	-170.41	2190	15
T 16	39 12.20	119 40.00	4965.0	979637.60	-5.45	-174.79	-164.01	1.41	2.00	1.09	0.04	3.09	-173.11	-162.43	2190	16
T 17	39 13.18	119 38.29	4752.0	979654.20	-10.32	-172.39	-162.07	1.38	1.50	1.27	0.04	2.77	-171.00	-160.77	2190	17
T 18	39 15.41	119 38.11	4908.0	979645.40	-7.74	-175.13	-164.47	1.40	2.80	1.59	0.15	4.39	-172.14	-161.67	2190	18
T 19	39 17.42	119 38.49	6038.0	979580.20	30.30	-175.63	-162.52	1.50	1.90	2.10	0.24	4.00	-173.12	-160.17	2190	19
T 20	39 18.53	119 38.94	6220.0	979568.90	34.47	-177.67	-164.16	1.51	4.50	2.14	0.31	6.64	-172.54	-159.36	2190	20
T 21	39 17.33	119 47.00	5050.0	979618.10	-24.52	-196.76	-185.79	1.42	1.80	1.98	0.03	3.78	-194.39	-183.58	2190	21
T 22	39 16.58	119 47.52	5031.0	979611.00	-32.30	-203.89	-192.97	1.41	1.90	2.08	0.00	3.98	-201.32	-190.56	2190	22
T 23	39 16.91	119 44.41	5407.0	979604.10	-4.35	-198.76	-177.02	1.45	2.50	1.83	0.38	4.33	-185.88	-174.33	2190	23
T 24	39 17.04	119 43.40	5642.0	979592.90	6.35	-186.08	-173.83	1.47	5.00	1.80	0.49	6.80	-180.75	-168.84	2190	24
T 25	39 17.58	119 42.44	6057.0	979572.30	23.95	-182.63	-169.48	1.50	2.50	1.83	0.27	4.33	-179.79	-166.82	2190	25
T 26	39 17.32	119 41.78	6661.0	979535.00	44.09	-183.09	-168.63	1.52	2.70	3.15	0.20	5.85	-178.75	-164.57	2190	26
T 27	39 12.75	119 39.28	4855.0	979649.50	-4.70	-170.29	-159.75	1.39	1.50	1.20	0.02	2.70	-168.98	-158.52	2190	27
T 28	39 12.45	119 39.80	4910.0	979642.70	-5.89	-173.35	-162.69	1.40	1.70	1.15	0.04	2.85	-171.90	-161.33	2190	28
T 29	39 11.34	119 41.50	4662.0	979647.20	-23.07	-182.07	-171.95	1.37	1.90	1.47	0.05	3.37	-180.06	-170.07	2190	29
T 30	39 11.12	119 42.35	4611.0	979647.20	-27.54	-184.80	-174.79	1.36	1.80	1.57	0.07	3.37	-182.79	-172.91	2190	30
T 31	39 10.80	119 43.38	4633.0	979640.00	-32.20	-190.21	-180.15	1.36	1.90	1.54	0.03	3.44	-188.13	-178.21	2190	31
T 32	39 7.30	119 45.70	4767.0	979615.40	-39.05	-201.63	-191.28	1.38	2.00	1.82	0.10	3.82	-199.20	-189.00	2190	32
T 33	39 6.83	119 49.50	5456.0	979572.30	-16.70	-202.78	-190.93	1.46	2.50	3.24	0.56	5.74	-198.50	-186.93	2190	33
T 35	39 32.35	119 48.70	4532.0	979690.30	-23.16	-177.73	-167.89	1.35	1.00	1.08	0.03	2.08	-177.00	-167.20	2190	35
T 37	39 23.88	119 45.26	4695.0	979660.30	-25.34	-185.47	-175.28	1.37	1.90	1.72	0.06	3.62	-183.22	-173.17	2190	37
T 38	39 23.71	119 45.60	4744.0	979657.00	-23.79	-185.59	-175.29	1.38	1.90	1.76	0.09	3.66	-183.30	-173.15	2190	38
T 39	39 23.50	119 46.08	4823.0	979651.30	-21.75	-186.25	-175.77	1.39	1.90	1.82	0.13	3.72	-183.92	-173.59	2190	39
T 40	39 23.48	119 46.71	5020.0	979640.80	-13.71	-184.92	-174.02	1.41	2.00	1.80	0.10	3.80	-182.53	-171.78	2190	40
T 41	39 23.49	119 47.30	5185.0	979631.70	-7.31	-184.15	-172.89	1.43	2.10	1.90	0.09	4.00	-181.58	-170.49	2190	41
T 42	39 23.40	119 48.04	5384.0	979618.90	-1.28	-184.91	-173.21	1.45	2.10	2.13	0.08	4.23	-182.13	-170.61	2190	42
T 43	39 23.14	119 48.71	5539.0	979604.20	-1.03	-189.94	-177.91	1.46	1.90	2.44	0.08	4.34	-187.07	-175.22	2190	43
T 44	39 23.42	119 43.75	4656.0	979663.80	-24.83	-183.63	-173.52	1.37	2.10	1.95	0.05	4.05	-180.95	-171.01	2190	44
T 45	39 22.27	119 42.35	4935.0	979647.20	-13.51	-181.83	-171.11	1.40	3.80	2.21	0.33	6.01	-177.21	-166.79	2190	45
T 46	39 22.27	119 41.35	5332.0	979624.30	0.90	-180.95	-169.37	1.45	5.70	1.80	0.36	7.50	-174.90	-163.70	2190	46
T 47	39 22.83	119 43.20	4758.0	979659.10	-19.07	-181.35	-171.02	1.38	2.20	2.08	0.20	4.28	-178.45	-168.31	2190	47
T 48	39 23.93	119 44.20	4571.0	979665.60	-31.77	-187.67	-177.75	1.35	1.70	1.90	0.06	3.60	-185.43	-175.65	2190	48
T 49	39 23.82	119 45.83	4768.0	979655.20	-23.49	-186.11	-175.76	1.38	1.80	1.77	0.13	3.57	-183.93	-173.71	2190	49
T 50	39 23.89	119 46.05	4798.0	979653.60	-22.38	-186.02	-175.60	1.39	1.80	1.78	0.12	3.58	-183.83	-173.55	2190	50
T 51	39 24.00	119 46.29	4848.0	979652.00	-19.44	-184.79	-174.26	1.39	1.80	1.78	0.11	3.58	-182.60	-172.21	2190	51
T 52	39 24.26	119 46.73	4873.0	979651.40	-18.07	-184.28	-173.69	1.40	2.20	1.87	0.07	4.07	-181.60	-171.19	2190	52
T 53	39 22.76	119 49.44	5726.0	979588.20	1.11	-194.18	-181.75	1.48	2.50	2.86	0.18	5.36	-190.30	-178.11	2190	53
T 54	39 22.52	119 50.36	5806.0	979581.40	2.18	-195.84	-183.23	1.48	4.50	3.72	0.17	8.22	-189.11	-176.93	2190	54
T 55	39 22.22	119 50.76	5932.0	979572.70	5.77	-196.55	-183.67	1.49	4.40	4.10	0.46	8.50	-189.54	-177.11	2190	55

T	56	39	21.66	119	51.05	6098.0	979561.00	10.49	-197.49	-184.25	1.50	4.80	4.42	0.50	9.22	-189.77	-177.01	2190	56
T	57	39	20.65	119	51.64	7020.0	979500.70	38.32	-201.10	-185.86	1.52	5.40	5.39	0.51	10.79	-191.83	-177.17	2190	57
T	58	39	22.34	119	40.41	5907.0	979591.70	22.24	-179.23	-166.40	1.49	4.10	1.60	0.17	5.70	-175.02	-162.46	2190	58
T	59	39	21.36	119	39.30	6747.0	979540.00	50.92	-179.19	-164.54	1.52	2.60	3.20	0.17	5.80	-174.91	-160.53	2190	59
T	60	39	20.80	119	38.35	6654.0	979544.50	47.51	-179.43	-164.98	1.52	2.60	2.79	0.15	5.39	-175.56	-161.36	2190	60
T	61	39	19.84	119	38.65	6233.0	979571.20	36.06	-176.52	-162.99	1.51	5.00	1.92	0.21	6.92	-171.10	-157.91	2190	61
T	62	39	17.22	119	40.21	6480.0	979547.70	39.64	-181.37	-167.30	1.51	4.80	2.74	0.33	7.54	-175.34	-161.65	2190	62
T	63	39	21.48	119	37.54	6224.0	979571.30	32.90	-179.38	-165.86	1.51	1.20	1.66	0.07	2.86	-178.03	-164.60	2190	63
T	64	39	22.67	119	38.18	5924.0	979595.30	26.95	-175.10	-162.23	1.49	1.80	1.31	0.11	3.11	-173.48	-160.72	2190	64
T	65	39	24.10	119	37.80	5694.0	979611.10	19.03	-175.17	-162.81	1.48	2.40	1.12	0.10	3.52	-173.13	-160.90	2190	65
T	66	39	25.28	119	37.86	5503.0	979625.70	13.94	-173.75	-161.80	1.46	2.30	1.07	0.16	3.37	-171.84	-160.02	2190	66
T	67	39	26.83	119	37.50	5581.0	979621.30	14.58	-175.77	-163.65	1.47	0.70	1.00	0.13	1.70	-175.54	-163.44	2190	67
T	69	39	6.71	119	50.46	5665.0	979559.30	-9.88	-203.09	-190.79	1.47	6.00	3.75	0.48	9.75	-194.81	-183.04	2190	69
T	70	39	6.42	119	51.13	5938.0	979545.80	2.71	-199.82	-186.92	1.49	5.00	3.74	0.59	8.74	-192.57	-180.13	2190	70
T	71	39	6.64	119	52.00	6324.0	979519.70	12.56	-203.13	-189.40	1.51	6.10	3.74	0.62	9.84	-194.80	-181.60	2190	71
T	72	39	10.37	119	55.44	6451.0	979522.60	21.90	-198.12	-184.11	1.51	6.20	3.79	1.01	9.99	-189.64	-176.17	2190	72
T	73	39	12.06	119	55.71	6251.0	979535.50	13.52	-199.68	-186.11	1.51	6.50	3.52	0.81	10.02	-191.17	-178.13	2190	73
T	74	39	14.38	119	56.66	6240.0	979537.20	10.77	-202.06	-188.51	1.51	5.50	3.55	0.18	9.05	-194.51	-181.44	2190	74
T	75	39	14.70	119	57.80	6264.0	979541.20	16.55	-197.09	-183.49	1.51	5.00	3.54	0.16	8.54	-190.06	-176.90	2190	75
T	79	39	21.00	119	51.06	6360.0	979540.90	15.09	-200.93	-187.12	1.51	6.00	4.43	0.33	10.43	-192.01	-178.76	2190	79
T	80	39	16.57	119	40.68	5733.0	979592.60	15.29	-180.24	-167.79	1.48	3.70	1.86	0.47	5.56	-176.16	-163.97	2190	80
T	81	39	20.85	119	37.50	6122.0	979575.50	28.44	-180.36	-167.06	1.50	1.50	1.63	0.12	3.13	-178.73	-165.54	2190	81
T	82	39	21.60	119	36.40	6052.0	979582.90	28.16	-178.25	-165.11	1.50	1.20	1.45	0.05	2.65	-177.10	-164.03	2190	82
T	83	39	21.80	119	35.32	6038.0	979586.40	30.05	-175.89	-162.77	1.50	1.70	1.45	0.06	3.15	-174.23	-161.23	2190	83
T	84	39	22.61	119	34.38	5911.0	979590.80	21.32	-180.29	-167.45	1.49	1.20	1.35	0.16	2.55	-179.23	-166.46	2190	84
T	85	39	23.10	119	33.41	5860.0	979595.30	20.30	-179.56	-166.84	1.49	1.40	1.36	0.28	2.76	-178.29	-165.64	2190	85
T	86	39	21.03	119	39.23	6799.0	979536.00	52.30	-179.59	-164.83	1.52	2.50	3.37	0.23	5.87	-175.24	-160.75	2190	86
~~T~~	~~87~~	~~39~~	~~19.55~~	~~120~~	~~12.40~~	~~5990.0~~	~~979587.00~~	~~20.06~~	~~-180.83~~	~~-168.04~~	~~1.49~~	~~1.50~~	~~1.52~~	~~0.09~~	~~3.02~~	~~-179.30~~	~~-166.61~~	~~2190~~	~~87~~ ← cut A
T	100	39	6.47	119	52.74	6965.0	979485.20	38.54	-199.01	-183.88	1.52	5.00	3.83	0.22	8.83	-191.69	-177.03	2190	100
T	101	39	6.25	119	53.75	7146.0	979476.10	46.78	-196.95	-181.43	1.51	5.50	3.81	0.07	9.31	-189.15	-174.13	2190	101
T	102	39	6.06	119	54.59	7032.0	979486.10	46.34	-193.49	-178.22	1.52	4.50	3.48	0.18	7.98	-187.03	-172.17	2190	102
T	103	39	6.66	119	55.35	6925.0	979493.60	42.91	-193.28	-178.24	1.52	5.00	3.34	0.12	8.34	-186.45	-171.85	2190	103
T	104	39	7.28	119	55.68	6825.0	979496.00	35.00	-197.78	-182.96	1.52	5.50	3.31	0.22	8.81	-190.49	-176.13	2190	104
T	105	39	9.00	119	55.58	6652.0	979506.90	27.11	-199.77	-185.32	1.52	6.20	3.57	0.89	9.77	-191.52	-177.60	2190	105
T	106	39	16.40	119	56.53	7191.0	979487.50	47.46	-197.80	-182.19	1.51	6.00	4.86	0.78	10.86	-188.45	-173.43	2190	106
T	107	39	15.98	119	56.08	7367.0	979476.30	53.41	-197.85	-181.85	1.51	4.90	4.61	0.55	9.51	-189.85	-174.36	2190	107
T	108	39	17.00	119	56.25	8041.0	979437.00	75.94	-198.31	-180.85	1.47	5.80	5.93	0.71	11.73	-188.05	-171.24	2190	108
T	109	39	17.27	119	55.51	8340.0	979418.80	85.43	-199.02	-180.91	1.44	4.30	6.90	0.30	11.20	-189.26	-171.77	2190	109
T	110	39	19.29	119	53.54	8500.0	979411.30	89.98	-199.92	-181.46	1.42	6.60	8.77	0.68	15.37	-185.98	-168.41	2190	110
T	111	39	20.15	119	52.94	7970.0	979446.90	74.52	-197.31	-180.00	1.47	6.40	7.41	0.89	13.81	-184.97	-168.44	2190	111
T	112	39	20.10	119	52.25	7595.0	979468.00	60.46	-198.58	-182.08	1.50	7.50	6.73	0.67	14.23	-185.84	-170.16	2190	112
T	113	39	25.15	119	45.34	4530.0	979666.90	-36.13	-190.63	-180.79	1.35	1.70	1.70	0.01	3.40	-188.58	-178.87	2190	113
T	114	39	26.37	119	46.14	4502.0	979677.50	-29.96	-183.51	-173.73	1.34	1.60	1.64	0.01	3.24	-181.61	-171.96	2190	114
T	115	39	27.50	119	46.75	4467.0	979685.10	-27.31	-179.67	-169.97	1.34	1.40	1.58	0.01	2.98	-178.03	-168.43	2190	115
T	116	39	28.63	119	45.70	4419.0	979689.80	-28.79	-179.51	-169.91	1.33	1.20	1.18	0.00	2.38	-178.47	-168.94	2190	116
T	117	39	27.95	119	43.65	4414.0	979692.80	-25.26	-175.81	-166.22	1.33	1.90	1.37	0.05	3.27	-173.87	-164.41	2190	117
T	118	39	26.85	119	42.90	4444.0	979684.00	-29.62	-181.19	-171.54	1.33	2.50	1.73	0.18	4.23	-178.29	-168.83	2190	118
T	119	39	26.00	119	42.80	4459.0	979676.50	-34.45	-186.54	-176.85	1.34	2.10	2.01	0.29	4.11	-183.76	-174.25	2190	119
T	120	39	25.12	119	42.72	4510.0	979675.70	-29.16	-182.98	-173.19	1.34	3.00	2.23	0.25	5.23	-179.10	-169.55	2190	120
T	121	39	26.40	119	47.30	4578.0	979676.80	-23.56	-179.70	-169.76	1.35	2.10	1.99	0.03	4.09	-176.96	-167.19	2190	121
T	122	39	26.65	119	48.38	4660.0	979675.80	-17.22	-176.16	-166.04	1.37	2.70	2.49	0.07	5.19	-172.34	-162.46	2190	122
T	123	39	27.27	119	48.39	4622.0	979677.80	-19.71	-177.35	-167.31	1.36	2.40	2.22	0.02	4.62	-174.09	-164.26	2190	123
T	124	39	28.13	119	48.39	4618.0	979678.40	-20.75	-178.25	-168.23	1.36	1.90	1.82	0.03	3.72	-175.89	-166.02	2190	124
T	125	39	28.56	119	47.98	4528.0	979682.70	-25.55	-179.98	-170.15	1.35	1.50	1.60	0.03	3.10	-178.22	-168.50	2190	125
T	126	39	28.56	119	47.28	4467.0	979683.00	-30.98	-183.33	-173.63	1.34	1.30	1.45	0.01	2.75	-181.92	-172.31	2190	126
T	127	39	29.47	119	47.67	4441.0	979686.40	-31.37	-182.83	-173.19	1.33	1.20	1.36	0.01	2.56	-181.60	-172.04	2190	127
T	128	39	30.95	119	49.50	4529.0	979679.70	-31.98	-186.45	-176.61	1.35	1.20	1.38	0.02	2.58	-185.21	-175.45	2190	128
T	129	39	30.30	119	51.10	4609.0	979668.40	-34.80	-192.00	-181.99	1.36	1.80	2.04	0.03	3.84	-189.52	-179.67	2190	129
T	130	39	30.40	119	52.30	4612.0	979666.90	-36.16	-193.46	-183.45	1.36	2.70	2.55	0.06	5.25	-189.57	-179.81	2190	130
T	131	39	30.30	119	53.44	4622.0	979677.20	-24.78	-182.42	-172.38	1.36	3.60	3.23	0.10	6.83	-176.95	-167.26	2190	131
T	132	39	30.35	119	53.65	4644.0	979677.30	-22.68	-181.07	-170.99	1.36	3.50	3.20	0.14	6.70	-175.73	-165.99	2190	132

T	133	39	30.70	119	55.89	4771.0	979669.30	-19.26	-181.98	-171.62	1.38	3.50	3.30	0.19	6.80	-176.56	-166.55	2190	133
T	134	39	30.64	119	56.63	4782.0	979667.50	-19.94	-183.04	-172.65	1.38	3.80	3.52	0.18	7.32	-177.11	-167.10	2190	134
T	135	39	31.02	119	59.30	4697.0	979660.90	-16.29	-183.31	-172.68	1.40	2.80	3.44	0.18	6.24	-178.47	-168.14	2190	135
T	136	39	28.89	119	59.53	4985.0	979651.60	-14.18	-184.20	-173.37	1.41	10.30	5.73	1.37	16.03	-169.57	-159.68	2190	136
T	137	39	14.15	119	35.30	4354.0	979677.10	-26.26	-174.76	-165.30	1.32	1.90	1.70	0.07	3.60	-172.48	-163.17	2190	137
T	138	39	14.24	119	35.18	4372.0	979675.30	-26.50	-175.61	-166.12	1.32	1.69	1.64	0.05	3.33	-173.60	-164.24	2190	138
T	139	39	16.94	119	32.98	4349.0	979672.50	-35.64	-183.76	-174.32	1.32	1.50	1.43	0.01	2.93	-182.15	-172.81	2190	139
T	142	39	15.84	119	34.76	4349.0	979670.80	-35.51	-183.84	-174.40	1.32	1.90	1.77	0.15	3.67	-181.49	-172.20	2190	142
T	143	39	16.57	119	34.62	4378.0	979671.70	-32.97	-182.28	-172.78	1.32	2.30	1.85	0.24	4.15	-179.46	-170.13	2190	143
T	144	39	16.44	119	33.82	4352.0	979669.00	-37.92	-186.35	-176.90	1.32	1.70	1.56	0.06	3.26	-184.40	-175.08	2190	144
T	145	39	17.50	119	31.98	4342.0	979678.40	-31.02	-179.11	-169.68	1.32	1.40	1.34	0.00	2.74	-177.69	-168.35	2190	145
T	146	39	18.00	119	31.25	4339.0	979682.40	-28.04	-176.03	-166.60	1.32	1.30	1.30	0.01	2.60	-174.74	-165.40	2190	146
T	147	39	18.15	119	32.38	4370.0	979677.20	-30.54	-179.59	-170.10	1.32	1.70	1.56	0.05	3.26	-177.66	-168.29	2190	147
T	148	39	18.58	119	32.58	4388.0	979677.50	-29.19	-178.85	-169.32	1.33	2.00	1.81	0.12	3.81	-176.36	-166.99	2190	148
T	149	39	19.42	119	32.51	4581.0	979668.70	-21.08	-177.33	-167.38	1.36	3.20	1.96	0.29	5.16	-173.52	-163.81	2190	149
T	150	39	19.78	119	31.88	4679.0	979664.50	-16.60	-176.19	-166.03	1.37	2.50	1.82	0.48	4.32	-173.23	-163.26	2190	150
T	151	39	19.10	119	30.30	4417.0	979684.60	-20.13	-170.78	-161.18	1.33	1.30	1.30	0.07	2.60	-169.51	-160.00	2190	151
T	152	39	18.51	119	30.29	4336.0	979686.80	-24.67	-172.56	-163.14	1.32	1.30	1.26	0.03	2.56	-171.31	-161.98	2190	152
T	155	39	23.25	119	44.66	4677.0	979662.70	-23.71	-183.22	-173.07	1.37	2.00	1.83	0.07	3.83	-180.76	-170.76	2190	155
T	166	39	23.30	119	44.40	4576.0	979667.10	-28.87	-184.94	-175.01	1.35	2.20	2.06	0.06	4.26	-182.04	-172.29	2190	166
T	167	39	23.32	119	44.11	4640.0	979663.50	-26.49	-184.74	-174.67	1.36	2.00	1.93	0.06	3.93	-182.18	-172.26	2190	167
T	181	39	20.42	119	44.71	5500.0	979600.90	-3.98	-191.57	-179.62	1.46	2.50	2.61	0.15	5.11	-187.91	-176.20	2190	181
T	182	39	20.40	119	49.52	5745.0	979583.10	1.28	-194.67	-182.19	1.48	3.30	3.23	0.33	6.53	-189.62	-177.46	2190	182
T	183	39	21.00	119	50.10	5771.0	979581.30	1.04	-195.79	-183.26	1.48	4.00	3.72	0.30	7.72	-189.56	-177.42	2190	183
T	184	39	16.98	119	50.39	5090.0	979606.40	-31.94	-205.55	-194.49	1.42	6.70	5.25	0.37	11.95	-195.02	-184.63	2190	184
T	185	39	17.55	119	49.71	5113.0	979607.50	-29.52	-203.91	-192.81	1.42	4.60	4.20	0.39	8.80	-196.53	-185.90	2190	185
T	186	39	13.72	119	48.54	5070.0	979610.10	-25.32	-198.24	-187.23	1.42	3.40	2.75	0.14	6.15	-193.51	-182.80	2190	186
T	187	39	15.22	119	50.61	5154.0	979602.50	-27.24	-203.02	-191.83	1.43	5.00	4.44	0.48	9.44	-195.01	-184.33	2190	187
T	188	39	15.95	119	49.73	5045.0	979605.50	-35.56	-207.62	-196.67	1.42	3.60	3.66	0.18	7.26	-201.78	-191.19	2190	188
T	189	39	15.26	119	49.81	5066.0	979607.90	-30.16	-202.95	-191.95	1.42	3.40	3.62	0.25	7.02	-197.35	-186.70	2190	189
T	190	39	32.00	119	47.35	4469.0	979697.50	-21.37	-173.79	-164.09	1.34	0.80	0.93	0.01	1.73	-173.40	-163.72	2190	190