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PRINCIPAL FACTS FOR GRAVITY STATIONS
IN UPPER PART OF ARKANSAS VALLEY AREA,
COLORADO

James E. Case

Geological Survey
Denver, Colorado

1973

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OF ARKANSAS VALLEY AREA, COLORADO

BY JAMES E. CASE

U. S. GEOLOGICAL SURVEY

DENVER, COLORADO

ABBREVIATIONS FOR THE HEADINGS OF ACCOMPANYING TABLES ARE EXPLAINED BELOW:

MIN LAT	SOUTHERN BOUNDARY OF DATA
MAX LAT	NORTHERN BOUNDARY OF DATA
MIN LONG	EASTERN BOUNDARY OF DATA
MAX LONG	WESTERN BOUNDARY OF DATA
MIN ELEV	ALL STATIONS ARE ABOVE THIS ELEVATION
MAX ELEV	ALL STATIONS ARE BELOW THIS ELEVATION
BMR	BASE METER READING (NOT APPLICABLE)
GBV	(SEE NOTE AT END OF LISTING)
MSV	METER SCALE VALUE (NOT APPLICABLE)
D1 = 2.67	DENSITY OF 2.67 G PER CC
D2 = 2.50	DENSITY OF 2.50 G PER CC
CM	(NOT APPLICABLE)
REF = 179	COMPUTER IDENTIFICATION NUMBER FOR DATA SET
STATION	STATION NUMBER
LAT	NORTH LATITUDE IN DEGREES, MINUTES, AND HUNDRETHS OF MINUTES
LONG	WEST LONGITUDE IN DEGREES, MINUTES, AND HUNDRETHS OF MINUTES
ELEV(F)	ELEVATION OF STATION IN FEET

E	ELEVATION ACCURACY-NOT RECORDED
OBS G	OBSERVED GRAVITY IN MILLIGALS, MINUS 978000 MGALS
FAA	FREE AIR ANOMALY IN MILLIGALS
BA 2.67	SIMPLE BOUGUER ANOMALY IN MILLIGALS FOR AN ASSUMED DENSITY OF 2.67 G PER CC
BA(OPT)	SIMPLE BOUGUER ANOMALY IN MILLIGALS FOR AN ASSUMED DENSITY OF 2.50 G PER CC
> CB 2.67	COMPLETE BOUGUER ANOMALY IN MILLIGALS FOR AN ASSUMED DENSITY OF 2.67 G PER CC
CB(OPT)	COMPLETE BOUGUER ANOMALY IN MILLIGALS FOR AN ASSUMED DENSITY OF 2.50 G PER CC
CC	CURVATURE CORRECTION IN MILLIGALS
TC	TERRAIN CORRECTION IN MILLIGALS FOR AN ASSUMED DENSITY OF 2.67 G PER CC
TCM	(NOT APPLICABLE)
PG	POSITION AND ACCURACY CODE. (NOT USED).
DRIFT	GRAVITY METER DRIFT CORRECTION (PREVIOUSLY CALCULATED AND INCLUDED IN DATA INPUT).
TIDE	EARTH TIDE CORRECTION. (NOT CALCULATED)
N	NUMBER OF STATIONS

NOTE:
 ALL GRAVITY DATA IN THESE TABLES ARE TIED TO STATION B1. THIS STATION IS
 IN LEADVILLE, 4 FEET NORTH OF BENCH MARK M284 AT THE JUNCTION OF U.S.24
 AND COLORADO 91. VALUE OF GRAVITY HERE = 979.1855 GALS.

A GEOLOGIC INTERPRETATION OF GRAVITY FEATURES MAPPED FROM PART OF
DATA IN THESE TABLES IS IN:

TWETO, OGDEN AND CASE, J. E., 1972, GRAVITY AND MAGNETIC FEATURES
AS RELATED TO GEOLOGY IN THE LEADVILLE 30-MINUTE QUADRANGLE,
COLORADO: U. S. GEOL. SURVEY PROF. PAPER 726-C, 31 P, 2 PLS,
8 FIGS., 2 TABLES.

BMR# 0.0 GBV# 0.0 MSV#0.0 D1=2.67 D2=2.50 OPTIONS=1010000000 CM= 0 0. REF= 179

STATION	LAT	LONG	ELEV(F)	E	OBS	G	FAA	BA2.67	BA(OPT)	CB2.67	CB(OPT)	CC	TC	TCM	PG	DRIFT	TIDE	N	
								↓	(2.50)	↓									
81	39	15.84	106	17.40	10151.0	0	1185.50	24.36	-321.86	-299.81	-320.77	-298.80	1.42	2.50			0.0	0.0	1
82	39	11.95	106	20.57	9432.0	0	1207.00	-15.94	-337.64	-317.15	-336.69	-316.27	1.56	2.50			0.0	0.0	2
83	39	21.70	106	18.60	10424.0	0	1187.28	43.14	-312.38	-289.75	-311.14	-298.58	1.35	2.60			0.0	0.0	3
84	39	7.71	106	18.88	9137.0	0	1230.38	-9.34	-322.67	-302.72	-321.27	-301.41	1.59	3.00			0.0	0.0	4
87	39	59.60	106	13.18	8642.0	0	1266.42	-12.56	-307.31	-238.54	-297.17	-279.05	1.67	11.90			0.0	0.0	5
810	38	49.91	106	7.56	7930.0	0	1313.35	-18.28	-288.75	-271.53	-287.87	-270.71	1.72	2.60			0.0	0.0	6
811	38	48.37	106	14.78	8907.0	0	1224.24	-13.34	-317.13	-297.79	-306.86	-288.18	1.63	11.90			0.0	0.0	7
814	38	43.31	106	10.78	8314.0	0	1261.84	-24.02	-307.59	-289.53	-301.48	-283.82	1.70	7.80			0.0	0.0	8
815	38	42.26	106	20.87	10012.0	0	1146.44	21.62	-319.85	-298.11	-313.00	-291.69	1.45	8.30			0.0	0.0	9
816	38	31.40	106	4.76	7513.0	0	1309.52	-34.14	-290.38	-274.07	-289.32	-273.07	1.74	2.80			0.0	0.0	10
817	38	32.29	106	11.40	8225.0	0	1275.30	-2.27	-282.79	-254.93	-277.40	-259.88	1.70	7.10			0.0	0.0	11
818	38	33.02	106	17.13	8509.0	0	1179.09	20.58	-303.74	-283.09	-295.19	-275.08	1.54	10.10			0.0	0.0	12
819	38	29.88	106	20.23	11375.0	0	1071.55	92.90	-295.07	-270.36	-290.27	-265.87	1.10	5.90			0.0	0.0	13
820	38	34.72	106	4.88	7218.0	0	1332.20	-44.04	-290.23	-274.55	-288.57	-273.00	1.74	3.40			0.0	0.0	14
821	38	40.96	106	5.48	7994.0	0	1289.05	-24.37	-289.68	-279.34	-296.50	-279.17	1.72	1.90			0.0	0.0	15
822	38	50.47	105	59.99	8851.0	0	1278.81	32.88	-269.00	-243.77	-268.04	-248.98	1.64	2.60			0.0	0.0	16
823	38	54.60	105	58.47	9437.0	0	1248.64	56.39	-267.18	-246.58	-267.63	-247.00	1.55	1.10			0.0	0.0	17
824	38	59.79	105	57.57	9011.0	0	1278.44	33.84	-273.49	-253.92	-273.91	-254.32	1.62	1.20			0.0	0.0	18
826	39	5.85	106	5.30	9848.0	0	1224.10	49.29	-286.59	-265.20	-285.37	-264.06	1.48	2.70			0.0	0.0	19
827	39	14.64	106	2.15	10141.0	0	1208.45	48.14	-297.74	-275.71	-296.96	-274.98	1.42	2.20			0.0	0.0	20
828	39	5.09	106	8.28	10324.0	0	1185.23	56.17	-295.95	-273.53	-289.43	-267.42	1.38	7.90			0.0	0.0	21
829	39	7.08	106	10.92	11921.0	0	1088.31	105.12	-301.46	-275.58	-296.50	-270.93	0.94	5.90			0.0	0.0	22
830	39	17.05	106	3.70	10353.0	0	1187.22	43.27	-309.84	-287.35	-307.61	-285.27	1.37	3.60			0.0	0.0	23
831	39	21.70	106	3.70	11542.0	0	1109.10	69.96	-323.70	-298.64	-320.36	-295.50	1.05	4.40			0.0	0.0	24
832	39	27.22	106	1.89	7863.0	0	1222.30	17.33	-319.07	-297.65	-315.34	-294.16	1.48	5.20			0.0	0.0	25
834	39	28.45	106	21.70	8867.0	0	1314.26	13.92	-288.51	-269.25	-282.15	-263.30	1.64	8.00			0.0	0.0	26
835	39	27.77	106	22.57	8927.0	0	1312.43	9.33	-291.73	-272.56	-282.97	-264.36	1.64	10.40			0.0	0.0	27
836	39	27.17	106	23.23	8896.0	0	1307.96	12.23	-291.18	-271.87	-282.22	-263.47	1.64	10.60			0.0	0.0	28
837	39	26.67	106	23.75	8981.0	0	1302.41	15.40	-290.91	-271.41	-282.04	-263.10	1.62	10.50			0.0	0.0	29
838	39	25.86	106	24.21	9075.0	0	1295.14	12.16	-291.36	-271.65	-283.97	-264.74	1.61	9.00			0.0	0.0	30
839	39	25.37	106	25.10	9114.0	0	1288.97	17.37	-273.48	-273.68	-284.68	-265.45	1.61	10.40			0.0	0.0	31
840	39	24.18	106	26.50	9274.0	0	1275.74	21.81	-295.18	-275.00	-286.46	-266.83	1.58	10.30			0.0	0.0	32
841	39	24.93	106	28.63	11407.0	0	1163.09	106.51	-282.55	-257.78	-277.34	-252.90	1.09	6.30			0.0	0.0	33
842	39	25.06	106	28.00	10767.0	0	1199.94	83.06	-284.16	-260.78	-278.34	-255.33	1.27	7.10			0.0	0.0	34
843	39	24.43	106	27.00	10019.0	0	1238.24	52.04	-289.68	-267.92	-284.02	-262.62	1.45	7.10			0.0	0.0	35
844	39	24.72	106	25.82	9246.0	0	1279.84	20.60	-294.75	-274.67	-285.03	-266.51	1.59	10.30			0.0	0.0	36
845	39	9.02	106	10.42	13739.0	0	959.49	145.31	-323.28	-293.44	-296.79	-268.64	0.31	26.80			0.0	0.0	37
846	39	9.57	106	10.58	13715.0	0	964.77	147.53	-320.24	-290.46	-296.06	-267.82	0.32	24.50			0.0	0.0	38
847	39	10.48	106	10.12	13476.0	0	986.43	145.41	-314.21	-284.94	-295.31	-267.25	0.40	19.30			0.0	0.0	39
848	39	10.54	106	10.68	13478.0	0	969.89	147.75	-318.76	-289.56	-296.19	-267.93	0.33	22.90			0.0	0.0	40
849	39	11.14	106	11.07	13028.0	0	946.09	143.70	-330.31	-300.13	-299.86	-271.62	0.25	30.70			0.0	0.0	41
850	39	11.55	106	11.98	13409.0	0	981.36	132.48	-324.86	-295.74	-302.59	-274.89	0.43	22.70			0.0	0.0	42
851	39	11.71	106	12.39	12678.0	0	1030.86	113.13	-319.27	-291.74	-305.26	-278.62	0.69	14.70			0.0	0.0	43
852	39	11.50	106	13.12	12321.0	0	1055.87	104.91	-315.32	-284.56	-307.03	-280.80	0.81	9.10			0.0	0.0	44
853	39	10.71	106	13.68	12085.0	0	1066.27	94.31	-317.87	-291.62	-308.75	-281.22	0.89	12.00			0.0	0.0	45
854	39	10.33	106	13.18	11564.0	0	1101.78	81.46	-312.95	-287.84	-305.90	-281.23	1.05	8.10			0.0	0.0	46
855	39	20.85	106	19.89	10137.0	0	1202.63	32.79	-312.95	-293.93	-311.67	-289.74	1.42	2.70			0.0	0.0	47
856	39	20.80	106	20.67	10430.0	0	1137.76	40.70	-313.33	-290.79	-312.59	-280.10	1.37	2.10			0.0	0.0	48
857	39	21.27	106	21.10	10604.0	0	1177.53	50.93	-310.73	-287.71	-309.65	-286.69	1.31	2.40			0.0	0.0	49
858	39	21.95	106	21.50	10599.0	0	1179.36	51.29	-310.21	-287.19	-308.62	-285.70	1.31	2.90			0.0	0.0	50
859	39	22.33	106	21.61	10632.0	0	1181.08	55.55	-307.07	-283.98	-304.48	-281.55	1.30	3.90			0.0	0.0	51

60	39	22.62	106	21.21	10626.0	0	1182.16	55.64	-306.78	-283.70	-303.99	-281.09	1.31	4.10	0.0	0.0	52
61	39	22.94	106	20.69	10638.0	0	1184.21	59.34	-304.48	-281.38	-302.09	-279.14	1.30	3.70	0.0	0.0	53
62	39	23.34	106	20.33	10639.0	0	1186.04	59.68	-303.18	-280.08	-301.99	-278.12	1.30	3.40	0.0	0.0	54
63	39	23.30	106	21.00	10650.0	0	1186.95	61.68	-301.56	-278.43	-298.06	-275.15	1.30	4.00	0.0	0.0	55
64	39	23.53	106	21.52	10650.0	0	1188.73	63.12	-300.12	-276.99	-297.02	-274.09	1.30	4.40	0.0	0.0	56
65	39	16.90	106	23.50	10689.0	0	1160.29	48.12	-316.45	-293.24	-312.64	-289.67	1.29	5.10	0.0	0.0	57
66	39	16.68	106	22.41	10216.0	0	1184.69	28.42	-320.02	-297.83	-317.92	-295.87	1.40	3.50	0.0	0.0	58
67	39	22.78	106	13.49	11467.0	0	1121.28	73.50	-317.60	-292.70	-315.38	-290.62	1.08	3.30	0.0	0.0	59
68	39	21.95	106	14.29	12123.0	0	1077.91	92.96	-320.52	-294.19	-313.89	-287.99	0.87	7.50	0.0	0.0	60
69	39	20.72	106	15.18	12867.0	0	1021.72	108.43	-330.41	-302.47	-314.04	-287.14	0.62	17.00	0.0	0.0	61
70	39	19.60	106	16.50	12080.0	0	1075.32	89.79	-322.21	-295.98	-313.70	-288.01	0.89	9.40	0.0	0.0	62
71	39	18.73	106	16.51	12131.0	0	1064.98	85.52	-329.22	-301.88	-316.49	-290.70	0.87	12.60	0.0	0.0	63
72	39	18.26	106	16.99	11879.0	0	1078.93	76.50	-328.65	-302.85	-319.30	-294.10	0.95	10.30	0.0	0.0	64
73	39	16.31	106	19.25	9966.0	0	1197.14	17.64	-322.27	-300.63	-321.53	-299.93	1.46	2.20	0.0	0.0	65
74	39	16.40	106	18.55	9961.0	0	1198.11	18.30	-321.44	-299.80	-320.19	-298.64	1.46	2.70	0.0	0.0	66
75	39	15.90	106	21.49	9780.0	0	1202.96	6.89	-326.68	-305.44	-325.97	-304.78	1.49	2.20	0.0	0.0	67
76	39	16.09	106	21.46	9780.0	0	1203.60	7.24	-326.32	-305.08	-325.61	-304.42	1.49	2.20	0.0	0.0	68
77	39	16.35	106	21.54	9780.0	0	1205.60	8.86	-324.70	-303.46	-323.79	-302.61	1.49	2.40	0.0	0.0	69
78	39	16.42	106	22.19	9780.0	0	1210.44	13.60	-319.96	-298.73	-318.46	-297.32	1.49	3.00	0.0	0.0	70
79	39	16.45	106	22.53	9780.0	0	1212.17	15.28	-318.28	-297.04	-315.87	-294.79	1.49	3.90	0.0	0.0	71
80	39	16.39	106	23.10	9780.0	0	1212.28	15.48	-318.08	-296.84	-314.87	-293.84	1.49	4.70	0.0	0.0	72
81	39	16.15	106	23.28	9780.0	0	1210.77	14.33	-319.24	-298.00	-316.03	-294.99	1.49	4.70	0.0	0.0	73
82	39	15.28	106	22.07	9780.0	0	1203.12	7.96	-325.60	-304.37	-324.70	-303.52	1.49	2.40	0.0	0.0	74
83	39	15.88	106	22.43	9780.0	0	1210.39	14.34	-319.22	-297.98	-317.51	-296.38	1.49	3.20	0.0	0.0	75
84	39	22.08	106	11.29	11318.0	0	1124.67	63.93	-322.09	-297.51	-319.31	-294.91	1.12	3.90	0.0	0.0	76
86	39	15.34	106	14.51	10845.0	0	1145.31	50.09	-319.80	-296.25	-316.55	-293.21	1.25	4.50	0.0	0.0	77
87	39	15.91	106	12.92	11433.0	0	1112.66	71.82	-318.12	-293.30	-314.11	-289.54	1.09	5.10	0.0	0.0	78
88	39	16.14	106	12.01	11961.0	0	1082.27	90.67	-317.28	-291.31	-312.61	-286.93	0.93	5.60	0.0	0.0	79
89	39	16.18	106	11.49	12433.0	0	1051.89	104.55	-319.50	-292.50	-311.77	-285.26	0.77	8.50	0.0	0.0	80
90	39	16.90	106	11.13	13188.0	0	1001.78	124.26	-325.53	-296.89	-310.44	-282.76	0.51	15.60	0.0	0.0	81
91	39	17.31	106	10.28	12653.0	0	1042.62	114.27	-317.28	-289.80	-310.69	-283.62	0.70	7.30	0.0	0.0	82
93	39	17.63	106	9.42	11945.0	0	1095.29	89.99	-317.41	-291.47	-312.14	-296.54	0.93	6.20	0.0	0.0	83
94	39	16.35	106	5.94	10661.0	0	1173.05	53.42	-308.14	-285.12	-304.35	-281.57	1.31	5.10	0.0	0.0	84
95	39	15.79	106	2.49	10223.0	0	1200.91	46.74	-301.93	-279.73	-300.73	-278.61	1.40	2.60	0.0	0.0	85
96	39	16.23	106	3.10	10244.0	0	1197.08	44.10	-305.29	-283.04	-303.68	-281.54	1.40	3.30	0.0	0.0	86
97	39	15.68	106	12.62	11385.0	0	1116.27	71.26	-317.04	-292.32	-313.55	-289.05	1.10	4.60	0.0	0.0	87
98	39	15.82	106	12.43	11453.0	0	1112.61	73.78	-316.05	-291.97	-312.63	-288.02	1.08	5.30	0.0	0.0	88
99	39	9.85	106	14.37	10388.0	0	1170.85	40.79	-313.50	-290.95	-307.17	-285.01	1.36	7.70	0.0	0.0	89
100	39	9.94	106	13.82	10521.0	0	1163.95	46.25	-312.58	-289.74	-305.52	-283.12	1.33	8.40	0.0	0.0	90
101	39	0.98	106	13.09	10735.0	0	1152.58	54.77	-311.36	-288.05	-303.64	-280.82	1.28	9.00	0.0	0.0	91
102	39	9.94	106	12.63	10963.0	0	1141.16	64.97	-308.94	-285.13	-302.86	-279.44	1.22	7.30	0.0	0.0	92
103	39	9.40	106	12.23	11184.0	0	1130.33	75.69	-305.75	-281.47	-299.71	-275.81	1.16	7.20	0.0	0.0	93
104	39	9.08	106	12.05	11295.0	0	1123.81	80.07	-305.16	-280.64	-299.49	-275.33	1.13	6.80	0.0	0.0	94
105	39	7.95	106	11.28	11778.0	0	1096.66	99.94	-301.77	-276.19	-296.95	-271.68	0.98	5.80	0.0	0.0	95
106	39	8.35	106	11.68	11561.0	0	1108.13	92.32	-302.67	-277.52	-297.31	-272.50	1.04	6.40	0.0	0.0	96
107	39	7.22	106	11.31	12955.0	0	1047.69	120.31	-306.20	-279.04	-296.44	-259.91	0.75	10.50	0.0	0.0	97
108	39	6.78	106	11.19	12331.0	0	1058.14	115.07	-305.50	-278.72	-295.91	-269.74	0.81	10.40	0.0	0.0	98
109	39	6.17	106	11.50	12390.0	0	1055.82	119.18	-303.40	-276.49	-294.08	-267.77	0.79	10.10	0.0	0.0	99
110	39	6.16	106	10.67	12455.0	0	1049.62	119.10	-305.69	-278.65	-293.16	-266.91	0.76	13.30	0.0	0.0	100
111	39	5.65	106	10.27	12100.0	0	1069.56	113.97	-301.45	-275.00	-292.00	-266.15	0.86	10.30	0.0	0.0	101
112	39	4.94	106	10.29	12055.0	0	1079.31	113.03	-298.13	-271.95	-291.42	-265.67	0.90	7.60	0.0	0.0	102
113	39	4.67	106	9.69	12180.0	0	1068.10	113.95	-301.46	-275.01	-288.72	-263.08	0.86	13.60	0.0	0.0	103
114	39	4.58	106	8.57	11045.0	0	1142.18	81.59	-295.12	-271.14	-289.52	-265.89	1.20	6.80	0.0	0.0	104
115	39	4.20	106	7.81	10862.0	0	1173.05	67.65	-292.58	-269.64	-288.30	-265.64	1.32	5.60	0.0	0.0	105
116	39	7.32	106	10.31	11391.0	0	1120.85	88.71	-299.79	-275.06	-294.09	-269.72	1.10	6.20	0.0	0.0	106
117	39	6.23	106	9.47	10676.0	0	1163.68	66.03	-293.12	-274.94	-291.61	-263.84	1.29	7.80	0.0	0.0	107
118	39	5.67	106	8.93	10468.0	0	1176.34	59.95	-297.06	-274.35	-290.62	-268.30	1.34	7.80	0.0	0.0	108
119	39	4.60	106	8.01	10229.0	0	1193.74	56.48	-292.40	-270.18	-287.40	-265.50	1.40	6.40	0.0	0.0	109
120	39	4.55	106	5.90	9880.0	0	1220.20	50.23	-286.74	-265.29	-264.81	-263.48	1.47	3.40	0.0	0.0	110
121	39	5.16	106	5.84	10002.0	0	1214.18	54.75	-287.38	-264.66	-264.93	-263.30	1.45	2.90	0.0	0.0	111
122	39	5.48	106	5.62	9927.0	0	1219.55	52.63	-285.95	-264.39	-264.61	-263.14	1.46	2.80	0.0	0.0	112

123	39	5.98	106	4.29	9639.0	0	1236.04	41.33	-287.42	-266.49	-286.44	-265.57	1.52	2.50	0.0	0.0	113
124	39	6.39	106	3.29	9816.0	0	1229.52	50.64	-284.08	-262.77	-283.36	-262.10	1.49	2.20	0.0	0.0	114
125	39	7.23	106	2.08	9657.0	0	1242.02	47.16	-282.21	-261.24	-280.92	-260.03	1.52	2.80	0.0	0.0	115
126	39	5.80	106	25.49	13582.0	0	939.39	115.21	-348.02	-318.53	-315.39	-287.97	0.36	33.00	0.0	0.0	116
127	39	6.25	106	26.44	14135.0	0	907.50	134.57	-347.52	-316.83	-310.88	-282.52	0.16	36.80	0.0	0.0	117
128	39	7.06	106	26.70	14431.0	0	806.60	140.27	-351.93	-320.59	-311.77	-282.99	0.05	40.20	0.0	0.0	118
129	39	13.47	106	14.05	10865.0	0	1144.45	53.86	-316.71	-293.11	-312.55	-289.22	1.25	5.40	0.0	0.0	119
130	39	13.56	106	12.57	11219.0	0	1124.46	66.98	-315.66	-291.30	-308.81	-284.88	1.15	8.00	0.0	0.0	120
133	39	13.37	106	14.50	10695.0	0	1152.85	46.44	-318.33	-295.10	-314.82	-291.82	1.29	4.80	0.0	0.0	121
134	39	13.00	106	14.78	11066.0	0	1129.36	58.34	-319.08	-295.05	-315.63	-291.86	1.19	4.60	0.0	0.0	122
135	39	12.62	106	14.53	11039.0	0	1131.84	58.84	-317.66	-293.69	-313.36	-289.66	1.20	5.50	0.0	0.0	123
136	39	12.50	106	13.00	11246.0	0	1122.47	69.09	-314.47	-290.05	-307.91	-283.91	1.14	7.70	0.0	0.0	124
139	39	6.16	106	12.54	12607.0	0	1034.59	118.34	-311.64	-284.26	-297.05	-270.60	0.71	15.30	0.0	0.0	125
140	39	6.51	106	12.42	12695.0	0	1032.22	123.72	-309.26	-281.69	-296.84	-270.07	0.63	13.10	0.0	0.0	126
141	39	6.83	106	12.18	12752.0	0	1029.42	125.80	-309.12	-281.43	-296.99	-270.07	0.66	12.80	0.0	0.0	127
142	39	7.32	106	12.32	12892.0	0	1016.98	125.79	-313.92	-285.92	-297.03	-270.11	0.61	17.50	0.0	0.0	128
143	39	7.72	106	12.40	12670.0	0	1033.73	121.10	-311.03	-283.51	-298.42	-271.71	0.69	13.30	0.0	0.0	129
144	39	8.33	106	12.60	12547.0	0	1042.24	117.17	-310.77	-283.52	-300.10	-273.53	0.73	11.40	0.0	0.0	130
145	39	9.07	106	13.10	12455.0	0	1045.64	110.84	-313.76	-284.91	-301.32	-275.08	0.76	13.40	0.0	0.0	131
146	39	9.28	106	13.70	11653.0	0	1096.50	86.08	-311.36	-286.06	-304.38	-279.52	1.02	8.00	0.0	0.0	132
147	39	9.41	106	14.81	11253.0	0	1119.83	71.66	-312.14	-287.71	-306.08	-282.03	1.14	7.20	0.0	0.0	133
148	39	11.65	106	0.86	9944.0	0	1220.73	46.32	-292.83	-271.24	-292.70	-271.11	1.46	1.60	0.0	0.0	134
149	39	11.28	106	1.40	10002.0	0	1216.05	47.63	-293.50	-271.78	-293.25	-271.55	1.45	1.70	0.0	0.0	135
150	39	11.19	106	2.35	10005.0	0	1217.93	50.02	-291.25	-269.52	-290.50	-268.92	1.45	2.20	0.0	0.0	136
151	39	10.88	106	2.59	10015.0	0	1218.36	51.75	-289.82	-268.08	-288.97	-267.28	1.45	2.30	0.0	0.0	137
152	39	10.46	106	3.02	10113.0	0	1211.58	54.80	-290.12	-268.16	-289.15	-267.25	1.43	2.40	0.0	0.0	138
153	39	12.18	106	5.10	10536.0	0	1184.80	65.21	-294.13	-271.25	-291.26	-268.57	1.33	4.20	0.0	0.0	139
154	39	12.20	106	7.10	10924.0	0	1156.19	73.01	-299.57	-275.84	-293.30	-269.97	1.23	7.50	0.0	0.0	140
155	39	11.85	106	8.36	11305.0	0	1132.32	85.44	-300.14	-275.59	-294.26	-270.08	1.12	7.00	0.0	0.0	141
156	39	11.94	106	9.01	11589.0	0	1114.01	93.57	-301.66	-276.49	-296.60	-271.76	1.04	6.10	0.0	0.0	142
157	39	11.69	106	9.57	12042.0	0	1086.10	108.66	-302.05	-275.90	-296.75	-270.94	0.90	6.20	0.0	0.0	143
158	39	11.55	106	10.20	12271.0	0	1068.37	112.64	-305.88	-279.23	-299.51	-273.27	0.83	7.20	0.0	0.0	144
159	39	27.90	106	20.51	9179.0	0	1294.28	24.06	-289.01	-269.08	-284.80	-265.14	1.60	5.80	0.0	0.0	145
160	39	28.90	106	21.91	8784.0	0	1318.68	9.87	-289.72	-270.64	-281.87	-263.29	1.65	9.50	0.0	0.0	146
161	39	4.22	106	28.70	9967.0	0	1163.52	2.21	-337.73	-316.09	-325.09	-304.25	1.46	14.10	0.0	0.0	147
162	39	4.87	106	22.59	9190.0	0	1215.51	-19.74	-333.18	-313.23	-328.18	-308.54	1.59	6.60	0.0	0.0	148
163	39	5.12	106	22.17	9190.0	0	1217.07	-18.55	-331.99	-312.03	-327.59	-307.91	1.59	6.00	0.0	0.0	149
164	39	5.27	106	21.85	9190.0	0	1218.58	-17.26	-330.70	-310.75	-327.10	-307.37	1.59	5.20	0.0	0.0	150
165	39	5.14	106	21.30	9190.0	0	1218.04	-17.61	-331.05	-311.09	-327.94	-308.19	1.59	4.70	0.0	0.0	151
166	39	5.54	106	21.30	9198.0	0	1219.87	-15.62	-329.33	-309.36	-326.22	-306.45	1.59	4.70	0.0	0.0	152
167	39	3.67	106	12.73	10305.0	0	1179.30	50.54	-300.92	-278.55	-297.41	-275.25	1.38	4.90	0.0	0.0	153
168	39	3.37	106	11.41	12062.0	0	1074.03	110.72	-300.68	-274.48	-292.27	-266.61	0.89	9.30	0.0	0.0	154
169	39	4.24	106	11.75	12306.0	0	1053.23	111.55	-308.17	-281.44	-292.08	-266.38	0.81	16.90	0.0	0.0	155
170	39	2.46	106	19.99	12096.0	0	1070.85	112.07	-300.48	-274.22	-290.87	-255.21	0.88	10.50	0.0	0.0	156
171	39	3.27	106	12.80	11285.0	0	1116.32	80.19	-304.70	-280.20	-295.83	-271.89	1.13	10.00	0.0	0.0	157
172	39	5.08	106	10.42	9223.0	0	1227.90	-4.56	-319.13	-299.10	-316.92	-297.03	1.59	3.80	0.0	0.0	158
173	39	5.13	106	18.75	9190.0	0	1231.03	-4.61	-318.04	-298.59	-316.14	-296.30	1.59	3.50	0.0	0.0	159
174	39	5.38	106	19.06	9202.0	0	1230.22	-4.66	-318.50	-298.52	-316.70	-296.83	1.59	3.40	0.0	0.0	160
175	39	5.41	106	19.54	9190.0	0	1229.89	-6.16	-319.60	-299.64	-317.79	-297.95	1.59	3.40	0.0	0.0	161
176	39	5.70	106	19.70	9190.0	0	1226.82	-9.65	-323.09	-303.14	-320.89	-301.07	1.59	3.80	0.0	0.0	162
177	39	5.61	106	20.25	9190.0	0	1221.60	-14.74	-328.18	-308.22	-325.88	-306.07	1.59	3.90	0.0	0.0	163
178	39	5.60	106	20.68	9190.0	0	1236.74	0.41	-313.93	-293.07	-310.32	-290.54	1.59	4.30	0.0	0.0	164
179	39	4.62	106	18.75	9190.0	0	1230.38	-4.80	-318.24	-298.28	-316.43	-296.59	1.59	3.40	0.0	0.0	165
180	39	4.62	106	18.78	9190.0	0	1230.06	-4.83	-318.27	-298.31	-316.26	-296.43	1.59	3.60	0.0	0.0	166
181	39	4.38	106	19.17	9190.0	0	1224.01	-6.52	-319.96	-300.00	-316.76	-297.00	1.59	4.80	0.0	0.0	167
182	39	4.74	106	16.90	9038.0	0	1245.19	-4.15	-312.41	-292.78	-303.22	-289.80	1.62	4.80	0.0	0.0	168
183	39	6.45	106	18.11	9110.0	0	1237.60	-7.49	-318.20	-298.42	-316.11	-296.46	1.61	3.70	0.0	0.0	169
184	39	26.89	106	19.10	9300.0	0	1278.27	20.90	-296.29	-276.09	-291.57	-271.67	1.58	6.30	0.0	0.0	170
185	39	27.12	106	18.59	9530.0	0	1262.49	26.39	-298.65	-277.95	-289.79	-269.66	1.54	10.40	0.0	0.0	171
186	39	27.57	106	17.91	9672.0	0	1253.92	30.49	-299.30	-278.38	-292.90	-272.31	1.51	8.00	0.0	0.0	172
187	39	28.40	106	17.62	9744.0	0	1240.35	41.25	-297.91	-276.32	-291.37	-270.19	1.46	8.00	0.0	0.0	173

188	39	28.66	106	17.33	10094.0	0	1231.62	46.22	-298.05	-276.13	-291.18	-269.70	1.43	8.30	0.0	0.0	174
189	39	29.08	106	16.96	10376.0	0	1215.94	56.41	-297.48	-274.95	-291.55	-269.39	1.37	7.30	0.0	0.0	175
190	39	29.03	106	16.19	10710.0	0	1197.68	69.59	-295.69	-272.43	-292.08	-269.05	1.29	4.90	0.0	0.0	176
191	39	29.70	106	15.55	12154.0	0	1104.36	110.88	-303.65	-277.26	-291.11	-265.52	0.86	13.40	0.0	0.0	177
192	39	29.41	106	17.68	11927.0	0	1119.50	105.13	-301.65	-275.75	-287.09	-262.12	0.94	15.50	0.0	0.0	178
193	39	29.85	106	19.39	11609.0	0	1146.87	101.15	-294.49	-269.30	-281.82	-257.44	1.04	13.70	0.0	0.0	179
194	39	29.89	106	20.24	11050.0	0	1179.74	83.06	-294.09	-270.08	-285.68	-262.20	1.19	9.60	0.0	0.0	180
195	39	28.80	106	20.81	9049.0	0	1331.23	17.47	-291.16	-271.51	-283.63	-264.51	1.61	9.10	0.0	0.0	181
196	39	18.67	106	23.82	11763.0	0	1099.35	85.43	-315.77	-290.22	-307.06	-282.07	0.99	9.70	0.0	0.0	182
197	39	18.74	106	24.84	12312.0	0	1064.76	102.28	-317.64	-290.90	-304.25	-278.36	0.81	14.20	0.0	0.0	183
198	39	15.80	106	22.50	9869.0	0	1205.00	17.43	-319.17	-297.73	-317.64	-296.31	1.48	3.00	0.0	0.0	184
199	39	16.03	106	23.08	9951.0	0	1201.93	21.73	-317.67	-296.66	-315.23	-293.77	1.46	3.90	0.0	0.0	185
200	39	16.00	106	23.94	10069.0	0	1194.93	25.85	-317.57	-295.70	-313.90	-291.90	1.43	5.50	0.0	0.0	186
201	39	15.08	106	24.79	10205.0	0	1189.76	33.34	-314.72	-292.56	-310.02	-288.16	1.41	6.10	0.0	0.0	187
202	39	15.92	106	26.44	10469.0	0	1176.61	45.22	-311.84	-289.11	-307.49	-285.03	1.34	5.70	0.0	0.0	188
204	39	15.03	106	27.55	10693.0	0	1161.36	52.32	-312.38	-289.16	-305.87	-283.07	1.29	7.80	0.0	0.0	189
206	39	28.02	106	28.88	13996.0	0	976.25	158.19	-319.17	-288.78	-267.08	-240.00	0.21	52.30	0.0	0.0	190
207	39	27.53	106	29.11	13841.0	0	996.07	164.18	-307.89	-277.83	-271.66	-243.91	0.27	36.50	0.0	0.0	191
208	39	27.40	106	28.28	13376.0	0	1030.39	155.04	-301.17	-272.12	-270.01	-242.95	0.44	31.60	0.0	0.0	192
209	39	17.88	106	19.69	9935.0	0	1201.72	17.29	-321.56	-299.99	-320.53	-299.02	1.45	2.50	0.0	0.0	193
210	39	18.22	106	19.79	9915.0	0	1203.98	17.17	-321.60	-299.47	-319.97	-298.50	1.47	2.50	0.0	0.0	194
211	39	18.51	106	19.88	9943.0	0	1204.25	19.64	-319.48	-297.89	-318.44	-296.92	1.46	2.50	0.0	0.0	195
212	39	18.80	106	19.96	9955.0	0	1205.38	21.47	-318.06	-296.44	-316.92	-295.38	1.46	2.60	0.0	0.0	196
213	39	19.12	106	20.06	9941.0	0	1208.07	22.37	-316.68	-295.10	-315.14	-293.65	1.46	3.00	0.0	0.0	197
215	39	23.83	106	19.00	9850.0	0	1232.43	31.24	-304.71	-283.32	-301.39	-280.21	1.48	4.80	0.0	0.0	198
216	39	24.53	106	18.96	9595.0	0	1247.13	20.95	-306.30	-285.46	-300.33	-279.87	1.53	7.50	0.0	0.0	199
217	39	25.03	106	18.97	9465.0	0	1257.48	18.36	-304.46	-283.91	-293.41	-279.18	1.55	6.60	0.0	0.0	200
218	39	25.21	106	19.12	9365.0	0	1264.37	15.59	-303.82	-283.48	-281.99	-278.12	1.57	7.30	0.0	0.0	201
219	39	25.94	106	19.37	9267.0	0	1275.47	16.40	-299.66	-279.54	-281.64	-273.90	1.58	7.60	0.0	0.0	202
220	39	26.37	106	19.62	9241.0	0	1280.00	17.86	-297.32	-277.25	-291.51	-271.81	1.59	7.40	0.0	0.0	203
221	39	26.91	106	20.09	9219.0	0	1262.69	17.68	-296.74	-276.73	-291.03	-271.38	1.59	7.30	0.0	0.0	204
222	39	27.43	106	19.98	9228.0	0	1295.49	20.56	-294.17	-274.13	-290.46	-270.66	1.59	5.30	0.0	0.0	205
223	39	28.19	106	21.10	9138.0	0	1298.53	24.03	-287.64	-267.60	-283.94	-264.33	1.60	5.30	0.0	0.0	206
224	39	14.60	106	17.43	10090.0	0	1186.36	21.32	-322.82	-300.91	-321.65	-299.81	1.43	2.60	0.0	0.0	207
225	39	14.50	106	17.76	10043.0	0	1188.95	19.64	-322.89	-301.08	-322.03	-300.28	1.44	2.30	0.0	0.0	208
226	39	14.49	106	18.10	9979.0	0	1191.97	16.66	-323.69	-302.92	-322.94	-301.32	1.45	2.20	0.0	0.0	209
227	39	14.46	106	18.48	9905.0	0	1194.01	11.80	-326.03	-304.52	-325.30	-303.83	1.47	2.20	0.0	0.0	210
228	39	14.20	106	18.89	9851.0	0	1195.20	8.30	-327.68	-306.29	-326.96	-305.62	1.48	2.20	0.0	0.0	211
229	39	13.69	106	19.83	9717.0	0	1198.59	-0.15	-331.56	-310.46	-331.07	-310.90	1.51	2.00	0.0	0.0	212
230	39	13.64	106	20.04	9676.0	0	1199.35	-3.16	-333.18	-312.17	-332.69	-311.71	1.51	2.00	0.0	0.0	213
231	39	13.43	106	20.88	9576.0	0	1202.47	-9.13	-335.73	-314.94	-335.06	-314.31	1.53	2.20	0.0	0.0	214
232	39	13.03	106	20.85	9513.0	0	1203.55	-13.38	-337.83	-317.17	-336.97	-316.37	1.54	2.40	0.0	0.0	215
233	39	12.57	106	20.73	9405.0	0	1204.30	-14.58	-338.08	-317.48	-337.13	-316.59	1.55	2.50	0.0	0.0	216
234	39	12.22	106	20.62	9472.0	0	1204.30	-15.29	-338.34	-317.77	-337.29	-316.79	1.55	2.60	0.0	0.0	217
235	39	11.75	106	20.19	9405.0	0	1208.61	-16.58	-337.35	-316.93	-336.31	-315.95	1.56	2.60	0.0	0.0	218
236	39	11.54	106	20.03	9447.0	0	1207.21	-13.72	-335.93	-315.41	-335.18	-314.71	1.55	2.30	0.0	0.0	219
237	39	11.32	106	19.32	9410.0	0	1209.15	-14.18	-335.40	-314.95	-334.46	-314.06	1.56	2.50	0.0	0.0	220
238	39	11.12	106	19.65	9396.0	0	1211.20	-13.90	-334.37	-313.97	-333.33	-312.99	1.56	2.60	0.0	0.0	221
239	39	10.75	106	19.39	9344.0	0	1215.51	-13.93	-332.63	-312.33	-331.40	-311.18	1.57	2.80	0.0	0.0	222
240	39	10.13	106	19.42	9324.0	0	1216.37	-14.04	-332.05	-311.80	-330.92	-310.75	1.57	2.70	0.0	0.0	223
241	39	9.98	106	19.50	9346.0	0	1214.65	-13.47	-332.23	-311.94	-331.20	-310.97	1.57	2.60	0.0	0.0	224
242	39	9.42	106	19.41	9286.0	0	1218.95	-13.97	-330.69	-310.52	-329.47	-309.38	1.58	2.80	0.0	0.0	225
243	39	8.33	106	19.11	9224.0	0	1224.88	-12.27	-326.87	-306.84	-325.66	-305.71	1.59	2.80	0.0	0.0	226
244	39	7.95	106	19.01	9202.0	0	1227.36	-11.30	-325.15	-305.16	-323.84	-303.94	1.59	2.90	0.0	0.0	227
245	39	7.43	106	18.79	9171.0	0	1233.72	-7.69	-319.88	-299.96	-318.27	-298.46	1.60	3.20	0.0	0.0	228
246	39	6.71	106	18.32	9128.0	0	1234.80	-8.99	-320.31	-300.49	-318.61	-298.90	1.60	3.30	0.0	0.0	229
247	39	6.20	106	17.95	9105.0	0	1239.21	-5.98	-316.53	-296.75	-314.63	-296.98	1.61	3.50	0.0	0.0	230
248	39	6.10	106	17.80	9105.0	0	1239.43	-5.62	-316.16	-296.39	-313.45	-293.86	1.61	4.30	0.0	0.0	231
249	39	5.90	106	17.60	9086.0	0	1241.37	-5.17	-315.06	-295.33	-311.97	-292.44	1.61	4.70	0.0	0.0	232
250	39	5.46	106	17.29	9073.0	0	1242.07	-5.04	-314.49	-294.79	-311.20	-291.71	1.61	4.90	0.0	0.0	233
251	39	5.13	106	17.12	9056.0	0	1244.06	-4.16	-313.03	-293.37	-309.85	-290.38	1.61	4.80	0.0	0.0	234

252	39	7.10	106	18.58	9155.0	0	1233.34	-8.48	-320.73	-300.85	-319.13	-299.35	1.60	3.20	0.0	0.0	235
253	39	8.54	106	19.18	9238.0	0	1223.64	-12.51	-327.58	-307.52	-326.27	-306.29	1.59	2.90	0.0	0.0	236
254	39	9.66	106	19.42	9301.0	0	1217.72	-14.16	-331.38	-311.19	-330.16	-310.04	1.58	2.90	0.0	0.0	237
255	39	9.70	106	19.56	9316.0	0	1216.42	-14.11	-331.64	-311.61	-330.72	-310.56	1.57	2.70	0.0	0.0	238
256	39	13.95	106	19.17	9801.0	0	1196.49	5.26	-329.02	-307.73	-328.31	-307.07	1.49	2.20	0.0	0.0	239
257	39	16.08	106	17.45	10109.0	0	1188.95	23.51	-321.27	-299.32	-319.70	-297.85	1.43	3.00	0.0	0.0	240
258	39	16.83	106	16.81	9995.0	0	1196.01	18.76	-322.14	-300.43	-318.69	-297.20	1.45	4.70	0.0	0.0	241
259	39	17.14	106	16.80	9994.0	0	1195.84	18.04	-322.82	-301.12	-318.57	-297.14	1.45	5.70	0.0	0.0	242
260	39	17.4	106	16.72	10017.0	0	1193.69	17.65	-324.00	-302.24	-317.24	-295.92	1.45	8.20	0.0	0.0	243
261	39	17.55	106	16.53	10024.0	0	1193.04	17.45	-324.43	-302.66	-317.78	-296.43	1.44	8.10	0.0	0.0	244
262	39	17.69	106	16.45	10018.0	0	1192.72	16.36	-325.32	-303.56	-316.86	-295.65	1.45	9.90	0.0	0.0	245
263	39	18.27	106	15.51	10074.0	0	1190.67	18.72	-324.87	-303.00	-317.11	-295.73	1.43	9.20	0.0	0.0	246
264	39	18.50	106	14.66	10156.0	0	1186.90	22.31	-324.08	-302.02	-318.49	-296.79	1.42	7.00	0.0	0.0	247
265	39	18.73	106	13.60	10223.0	0	1183.88	25.24	-323.43	-301.23	-317.13	-295.33	1.40	7.70	0.0	0.0	248
266	39	19.22	106	13.28	10317.0	0	1178.82	28.29	-323.59	-301.18	-316.07	-294.14	1.38	8.90	0.0	0.0	249
267	39	19.44	106	13.27	10331.0	0	1177.90	28.36	-324.00	-301.56	-315.27	-293.39	1.38	10.10	0.0	0.0	250
268	39	19.70	106	13.13	10347.0	0	1177.20	28.78	-324.12	-301.65	-316.19	-294.23	1.37	9.30	0.0	0.0	251
269	39	19.85	106	13.11	10363.0	0	1176.34	29.20	-324.24	-301.74	-316.61	-294.60	1.37	9.00	0.0	0.0	252
270	39	20.23	106	13.21	10373.0	0	1174.83	28.07	-325.72	-303.19	-318.28	-296.23	1.37	8.80	0.0	0.0	253
271	39	21.02	106	13.16	10534.0	0	1172.46	39.66	-319.62	-296.75	-313.45	-290.97	1.33	7.50	0.0	0.0	254
272	39	21.25	106	12.88	10632.0	0	1169.44	45.50	-317.12	-294.03	-311.73	-288.98	1.30	6.70	0.0	0.0	255
273	39	21.56	106	12.31	10837.0	0	1157.92	52.78	-316.84	-293.30	-311.89	-288.67	1.25	6.20	0.0	0.0	256
274	39	21.62	106	12.03	10869.0	0	1152.64	50.41	-320.29	-296.69	-314.64	-291.39	1.24	6.90	0.0	0.0	257
275	39	21.66	106	11.74	10898.0	0	1149.30	49.74	-321.96	-298.29	-316.39	-293.08	1.24	6.80	0.0	0.0	258
276	39	21.83	106	11.38	10964.0	0	1144.23	50.62	-323.33	-299.52	-318.05	-294.57	1.22	6.50	0.0	0.0	259
277	39	21.78	106	10.66	11128.0	0	1130.17	52.03	-327.51	-303.34	-321.48	-297.70	1.17	7.20	0.0	0.0	260
278	39	22.57	106	11.57	11184.0	0	1131.09	57.04	-324.40	-300.12	-321.06	-296.99	1.16	4.50	0.0	0.0	261
279	39	25.48	106	11.17	10625.0	0	1176.72	45.89	-316.50	-293.42	-313.20	-290.34	1.31	4.60	0.0	0.0	262
280	39	25.63	106	11.28	10611.0	0	1177.90	45.53	-316.38	-293.33	-312.69	-289.88	1.31	5.00	0.0	0.0	263
281	39	26.03	106	10.96	10536.0	0	1180.60	40.59	-318.75	-295.87	-312.28	-289.81	1.33	7.80	0.0	0.0	264
282	39	26.18	106	10.67	10481.0	0	1183.56	38.17	-319.30	-296.54	-312.44	-290.12	1.34	8.20	0.0	0.0	265
283	39	26.34	106	10.34	10449.0	0	1185.39	36.76	-319.62	-296.93	-311.17	-289.02	1.35	9.80	0.0	0.0	266
284	39	26.58	106	10.01	10401.0	0	1186.36	32.86	-321.88	-299.29	-313.14	-291.11	1.36	10.10	0.0	0.0	267
285	39	26.77	106	9.53	10359.0	0	1188.95	31.23	-322.08	-299.59	-313.85	-291.88	1.37	9.60	0.0	0.0	268
286	39	27.30	106	8.82	10232.0	0	1197.14	26.71	-322.27	-300.05	-313.17	-291.53	1.40	10.50	0.0	0.0	269
287	39	27.59	106	8.54	10244.0	0	1198.92	29.19	-320.20	-297.95	-310.70	-289.06	1.40	10.90	0.0	0.0	270
288	39	27.87	106	8.25	10159.0	0	1202.74	24.61	-321.88	-299.82	-311.89	-290.47	1.42	11.40	0.0	0.0	271
289	39	28.10	106	7.98	10110.0	0	1206.78	23.71	-321.17	-299.15	-311.63	-290.28	1.43	10.90	0.0	0.0	272
290	39	28.42	106	7.79	10041.0	0	1210.98	20.96	-321.51	-299.70	-310.45	-289.35	1.44	12.50	0.0	0.0	273
291	39	28.83	106	7.91	9942.0	0	1222.08	22.15	-316.93	-295.34	-306.50	-285.57	1.46	11.90	0.0	0.0	274
292	39	29.80	106	8.22	9768.0	0	1238.14	20.44	-312.71	-291.50	-304.11	-283.45	1.50	10.10	0.0	0.0	275
293	39	29.45	106	8.06	9826.0	0	1231.13	19.39	-315.74	-294.40	-307.12	-286.33	1.48	10.10	0.0	0.0	276
294	39	29.18	106	7.96	9893.0	0	1224.56	19.51	-317.90	-296.42	-308.57	-287.68	1.47	10.80	0.0	0.0	277
295	39	4.62	106	17.07	9107.0	0	1240.45	-2.23	-312.64	-293.06	-310.65	-291.01	1.61	3.60	0.0	0.0	278
296	39	5.71	106	19.99	9218.0	0	1222.67	-11.19	-325.58	-305.57	-323.57	-303.68	1.59	3.60	0.0	0.0	279
297	39	5.68	106	20.51	9237.0	0	1218.47	-13.56	-328.60	-308.54	-326.29	-306.38	1.59	3.90	0.0	0.0	280
298	39	5.65	106	21.09	9218.0	0	1218.36	-15.41	-329.80	-309.79	-326.99	-307.16	1.59	4.40	0.0	0.0	281
299	39	5.42	106	21.59	9226.0	0	1218.36	-14.32	-328.99	-308.95	-325.78	-305.95	1.59	4.80	0.0	0.0	282
300	39	5.28	106	21.85	9236.0	0	1216.91	-14.63	-329.63	-309.58	-326.22	-306.38	1.59	5.00	0.0	0.0	283
301	39	25.73	106	11.20	10603.0	0	1178.44	45.17	-316.46	-292.44	-312.37	-289.61	1.31	5.40	0.0	0.0	284
302	39	26.12	106	11.78	10893.0	0	1161.74	55.13	-316.39	-292.74	-310.93	-287.62	1.24	6.70	0.0	0.0	285
303	39	26.03	106	11.96	11043.0	0	1157.43	65.04	-311.60	-287.62	-307.90	-284.15	1.20	4.90	0.0	0.0	286
304	39	26.26	106	12.07	10941.0	0	1160.77	58.46	-314.70	-290.94	-308.62	-285.25	1.23	7.30	0.0	0.0	287
305	39	26.84	106	12.83	11401.0	0	1139.71	79.74	-309.11	-284.35	-305.90	-280.50	1.10	5.20	0.0	0.0	288
306	39	26.72	106	12.73	11299.0	0	1143.69	74.32	-311.05	-286.51	-306.87	-282.60	1.13	5.30	0.0	0.0	289
307	39	26.59	106	12.35	11248.0	0	1144.23	70.26	-313.37	-288.94	-308.81	-284.67	1.14	5.70	0.0	0.0	290
308	39	26.37	106	11.91	11122.0	0	1150.95	64.58	-314.76	-290.60	-309.13	-283.34	1.18	6.80	0.0	0.0	291
309	39	25.52	106	12.37	11195.0	0	1145.31	67.95	-313.88	-289.57	-310.73	-286.62	1.16	4.30	0.0	0.0	292
310	39	25.53	106	11.42	10760.0	0	1168.69	52.34	-315.33	-291.92	-312.40	-289.17	1.27	4.20	0.0	0.0	293
311	39	26.59	106	6.12	13633.0	0	970.10	120.07	-344.90	-315.30	-316.55	-288.75	0.35	28.70	0.0	0.0	294
312	39	25.66	106	12.21	11308.0	0	1138.68	71.72	-313.96	-289.40	-310.38	-286.05	1.12	4.70	0.0	0.0	295

313	39	25.78	106	11.55	10782.0	0	1168.91	52.38	-315.36	-291.95	-311.33	-288.17	1.27	5.30	0.0	0.0	296
314	39	26.13	106	11.22	11069.0	0	1150.16	60.06	-317.46	-293.42	-311.35	-287.70	1.19	7.30	0.0	0.0	297
315	39	26.39	106	11.00	11256.0	0	1139.22	66.30	-317.60	-293.76	-310.84	-286.82	1.14	7.90	0.0	0.0	298
316	39	26.58	106	10.73	11480.0	0	1125.75	73.59	-317.96	-293.03	-310.03	-285.61	1.07	9.00	0.0	0.0	299
317	39	26.32	106	11.15	11313.0	0	1135.56	68.10	-317.75	-293.18	-311.07	-286.93	1.12	7.80	0.0	0.0	300
318	39	26.45	106	10.92	11180.0	0	1143.96	63.82	-317.49	-293.22	-310.55	-286.72	1.16	8.10	0.0	0.0	301
319	39	26.15	106	11.31	11251.0	0	1139.07	66.84	-316.90	-292.66	-310.74	-286.70	1.14	7.70	0.0	0.0	302
320	39	25.97	106	11.27	10871.0	0	1162.06	53.60	-317.17	-293.56	-312.61	-289.29	1.24	5.80	0.0	0.0	303
321	39	25.54	106	11.23	10621.0	0	1177.15	45.85	-316.40	-293.33	-312.90	-290.01	1.31	4.80	0.0	0.0	304
322	39	25.52	106	11.02	10619.0	0	1175.96	44.50	-317.68	-294.62	-314.38	-291.53	1.31	4.60	0.0	0.0	305
327	39	29.97	106	8.90	9731.0	0	1244.22	22.79	-309.10	-287.97	-303.60	-282.82	1.50	7.00	0.0	0.0	306
328	39	29.98	106	9.18	9750.0	0	1242.02	23.11	-309.70	-288.51	-304.40	-283.54	1.50	6.80	0.0	0.0	307
329	39	29.90	106	8.73	9724.0	0	1243.42	21.44	-310.21	-289.10	-303.32	-282.64	1.50	8.40	0.0	0.0	308
330	39	29.77	106	8.36	9771.0	0	1239.00	21.62	-311.63	-290.41	-304.83	-284.04	1.49	8.30	0.0	0.0	309
331	39	28.48	106	7.93	10085.0	0	1210.82	24.84	-319.12	-297.22	-310.05	-288.73	1.43	10.50	0.0	0.0	310
332	39	25.79	106	9.68	11002.0	0	1148.70	52.81	-322.43	-298.54	-318.34	-294.70	1.21	5.30	0.0	0.0	311
333	39	25.33	106	9.42	11248.0	0	1133.67	61.56	-322.07	-297.54	-317.11	-293.00	1.14	6.10	0.0	0.0	312
334	39	24.53	106	8.42	11848.0	0	1092.67	78.09	-326.01	-300.28	-318.07	-292.84	0.96	8.90	0.0	0.0	313
335	39	24.62	106	8.08	12004.0	0	1077.80	85.24	-326.90	-300.66	-317.29	-291.66	0.89	10.50	0.0	0.0	314
336	39	24.53	106	8.23	12041.0	0	1080.17	83.71	-326.97	-300.82	-317.97	-292.39	0.90	9.90	0.0	0.0	315
337	39	24.38	106	8.44	11984.0	0	1082.38	80.79	-327.94	-301.92	-317.76	-292.39	0.92	11.10	0.0	0.0	316
338	39	24.83	106	8.06	11507.0	0	1116.48	69.43	-323.03	-298.04	-319.50	-294.73	1.07	4.60	0.0	0.0	317
340	39	26.37	106	9.92	10530.0	0	1181.35	40.28	-318.86	-296.00	-313.79	-291.25	1.33	6.40	0.0	0.0	318
341	39	25.93	106	10.96	10574.0	0	1179.36	43.07	-317.57	-294.61	-312.90	-290.32	1.32	5.90	0.0	0.0	319
342	39	25.64	106	10.96	10586.0	0	1178.87	44.14	-316.92	-293.93	-313.53	-290.76	1.32	4.70	0.0	0.0	320
343	39	25.16	106	10.51	10770.0	0	1164.09	47.25	-320.07	-296.69	-315.94	-292.82	1.27	5.40	0.0	0.0	321
344	39	24.97	106	10.50	10568.0	0	1160.45	53.19	-317.48	-293.88	-313.63	-290.27	1.24	5.10	0.0	0.0	322
345	39	25.33	106	10.54	10739.0	0	1167.72	47.81	-318.46	-295.14	-314.34	-291.28	1.28	5.40	0.0	0.0	323
347	39	24.93	106	10.31	10957.0	0	1152.31	53.47	-320.24	-296.45	-316.26	-292.72	1.22	5.20	0.0	0.0	324
348	39	24.79	106	10.31	10945.0	0	1151.34	51.58	-321.72	-297.95	-317.84	-294.32	1.22	5.10	0.0	0.0	325
349	39	24.55	106	9.95	11020.0	0	1145.90	53.53	-322.32	-298.39	-317.22	-293.62	1.20	6.30	0.0	0.0	326
350	39	24.25	106	10.31	11594.0	0	1112.98	74.96	-320.47	-295.30	-317.11	-292.15	1.04	4.40	0.0	0.0	327
351	39	23.67	106	8.94	11526.0	0	1113.20	69.94	-323.17	-298.14	-314.53	-290.63	1.06	9.70	0.0	0.0	328
352	39	23.54	106	9.47	11614.0	0	1109.48	74.38	-321.73	-296.51	-316.36	-291.48	1.03	6.40	0.0	0.0	329
353	39	23.74	106	9.63	11548.0	0	1113.25	71.66	-322.20	-297.12	-317.85	-293.05	1.05	5.40	0.0	0.0	330
354	39	23.88	106	9.92	11814.0	0	1097.20	80.38	-322.55	-295.90	-318.02	-292.66	0.97	5.50	0.0	0.0	331
355	39	24.13	106	10.17	11610.0	0	1111.74	76.15	-320.10	-294.87	-316.73	-291.72	1.03	4.40	0.0	0.0	332
356	39	24.27	106	10.18	11612.0	0	1111.31	74.95	-321.10	-295.88	-316.93	-291.98	1.03	5.20	0.0	0.0	333
357	39	24.20	106	10.46	11626.0	0	1110.77	76.01	-320.52	-295.27	-317.35	-292.30	1.03	4.20	0.0	0.0	334
358	39	24.33	106	10.48	11486.0	0	1120.79	72.51	-319.24	-294.30	-316.21	-291.46	1.07	4.10	0.0	0.0	335
359	39	24.60	106	10.52	11327.0	0	1129.74	66.13	-320.19	-295.60	-317.21	-292.81	1.12	4.10	0.0	0.0	336
360	39	24.75	106	10.94	11139.0	0	1144.23	62.74	-317.17	-292.98	-314.74	-290.71	1.17	3.60	0.0	0.0	337
361	39	25.42	106	12.86	11372.0	0	1135.61	75.02	-312.84	-288.15	-309.05	-284.60	1.11	4.90	0.0	0.0	338
362	39	25.58	106	13.07	11640.0	0	1120.63	84.97	-312.03	-286.76	-308.26	-283.22	1.03	4.80	0.0	0.0	339
363	39	25.42	106	11.31	10679.0	0	1173.81	48.13	-316.09	-292.90	-312.98	-289.99	1.29	4.40	0.0	0.0	340
364	39	25.29	106	11.41	10756.0	0	1169.66	51.41	-315.44	-292.08	-312.72	-289.53	1.27	4.00	0.0	0.0	341
365	39	24.43	106	12.08	10904.0	0	1158.62	55.54	-316.36	-292.68	-313.70	-290.19	1.23	3.90	0.0	0.0	342
366	39	27.09	106	6.28	13195.0	0	1003.35	111.46	-338.57	-309.92	-315.68	-288.48	0.51	23.40	0.0	0.0	343
367	39	24.51	106	12.00	10916.0	0	1158.18	56.11	-316.20	-292.50	-313.53	-290.00	1.23	3.90	0.0	0.0	344
368	39	25.26	106	11.57	10866.0	0	1164.76	56.88	-313.72	-290.12	-310.95	-287.54	1.24	4.00	0.0	0.0	345
369	39	22.82	106	11.76	11241.0	0	1131.41	62.35	-321.04	-296.63	-319.29	-294.65	1.14	3.90	0.0	0.0	346
370	39	22.98	106	11.87	11218.0	0	1135.83	64.37	-318.23	-293.87	-315.48	-291.90	1.15	3.90	0.0	0.0	347
371	39	23.65	106	12.47	10954.0	0	1152.96	55.72	-317.88	-294.09	-315.80	-292.15	1.22	3.30	0.0	0.0	348
372	39	23.81	106	12.48	10875.0	0	1158.13	53.24	-317.67	-294.06	-315.61	-292.13	1.24	3.30	0.0	0.0	349
373	39	24.26	106	12.17	11179.0	0	1142.94	65.93	-315.34	-291.07	-312.30	-288.22	1.16	4.20	0.0	0.0	350
374	39	24.45	106	12.42	11222.0	0	1140.62	67.37	-315.37	-291.00	-312.22	-288.05	1.15	4.30	0.0	0.0	351
375	39	23.82	106	12.79	10875.0	0	1158.62	53.71	-317.20	-293.58	-315.24	-291.75	1.24	3.20	0.0	0.0	352
375	39	23.81	106	13.07	10975.0	0	1159.64	54.75	-316.16	-292.55	-314.00	-290.53	1.24	3.40	0.0	0.0	353
377	39	23.77	106	13.36	10875.0	0	1160.07	55.24	-315.67	-292.06	-313.42	-289.94	1.24	3.50	0.0	0.0	354
378	39	23.96	106	13.29	10770.0	0	1167.88	52.91	-314.42	-291.03	-311.79	-288.57	1.27	3.90	0.0	0.0	355
379	39	25.17	106	11.12	10818.0	0	1164.27	52.02	-316.95	-293.46	-314.40	-291.07	1.26	3.80	0.0	0.0	356

	580	39	24.68	106	11.29	10989.0	0	1153.12	57.65	-317.15	-292.28	-314.86	-291.14	1.21	3.50	0.0	0.0	357
	381	39	22.78	106	11.48	11155.0	0	1135.66	58.58	-321.88	-297.65	-319.04	-295.00	1.17	4.00	0.0	0.0	358
	382	39	22.33	106	11.47	11272.0	0	1127.53	62.10	-322.35	-297.87	-319.18	-294.90	1.13	4.30	0.0	0.0	359
	383	39	23.27	106	13.02	11172.0	0	1139.81	63.61	-317.43	-293.17	-315.10	-290.98	1.16	3.50	0.0	0.0	360
	384	39	23.01	106	13.18	11336.0	0	1130.01	69.59	-317.04	-292.42	-315.06	-290.57	1.12	3.10	0.0	0.0	361
	385	39	22.67	106	13.52	11417.0	0	1125.37	73.06	-316.34	-291.54	-314.43	-289.76	1.09	3.00	0.0	0.0	362
	386	39	22.44	106	13.58	11477.0	0	1121.71	75.37	-316.07	-291.15	-313.94	-289.16	1.07	3.20	0.0	0.0	363
	387	39	22.92	106	12.32	11716.0	0	1103.34	78.74	-320.86	-295.41	-316.16	-291.02	1.00	5.70	0.0	0.0	364
	388	39	23.10	106	12.38	11480.0	0	1118.32	71.29	-320.25	-295.32	-316.13	-291.46	1.07	5.20	0.0	0.0	365
	389	39	22.97	106	12.61	11925.0	0	1088.29	83.15	-323.57	-297.68	-316.41	-290.97	0.94	8.10	0.0	0.0	366
	390	39	22.80	106	12.35	11994.0	0	1083.24	84.92	-324.15	-298.11	-317.07	-291.46	0.92	8.00	0.0	0.0	367
	391	39	22.65	106	12.28	12014.0	0	1081.52	85.30	-324.46	-298.37	-317.67	-292.01	0.91	7.70	0.0	0.0	368
	392	39	22.49	106	12.19	11973.0	0	1084.21	84.37	-323.98	-297.98	-318.41	-292.76	0.92	6.50	0.0	0.0	369
	393	39	22.38	106	12.04	11972.0	0	1093.51	81.74	-324.58	-298.58	-318.70	-293.08	0.92	6.80	0.0	0.0	370
	394	39	22.23	106	11.98	12014.0	0	1081.52	85.92	-323.84	-297.75	-317.35	-291.67	0.91	7.40	0.0	0.0	371
	395	39	21.80	106	11.14	10968.0	0	1142.56	49.37	-324.71	-300.90	-319.73	-296.23	1.22	6.70	0.0	0.0	372
	396	39	12.36	106	21.69	9475.0	0	1204.73	-14.78	-337.94	-317.36	-337.09	-316.57	1.55	2.40	0.0	0.0	373
	397	39	9.60	106	22.02	9784.0	0	1185.66	-0.76	-334.46	-313.21	-333.45	-312.27	1.49	2.50	0.0	0.0	374
	398	39	11.10	106	22.75	9625.0	0	1196.92	-7.38	-335.65	-314.75	-334.38	-313.56	1.52	2.80	0.0	0.0	375
	399	39	9.00	106	27.41	10285.0	0	1166.37	27.89	-322.90	-300.56	-308.98	-287.53	1.39	15.30	0.0	0.0	376
	400	39	9.13	106	25.02	10064.0	0	1181.08	21.65	-321.60	-299.74	-314.33	-292.94	1.44	8.70	0.0	0.0	377
	401	39	9.57	106	23.68	9932.0	0	1184.10	11.63	-327.12	-305.55	-324.08	-302.71	1.46	4.55	0.0	0.0	378
	402	39	11.16	106	22.99	9735.0	0	1191.97	-1.35	-333.38	-312.24	-331.88	-310.83	1.50	3.00	0.0	0.0	379
	403	39	13.38	106	23.00	9550.0	0	1211.36	-2.61	-328.32	-307.59	-326.76	-306.12	1.54	3.10	0.0	0.0	380
	404	39	14.22	106	22.69	9593.0	0	1211.41	0.24	-326.94	-306.11	-325.57	-304.82	1.53	2.90	0.0	0.0	381
	405	39	14.30	106	21.41	9615.0	0	1204.09	-5.13	-333.06	-312.18	-332.38	-311.55	1.52	2.20	0.0	0.0	382
	406	39	14.90	106	21.40	9696.0	0	1202.15	-0.34	-331.04	-309.98	-330.35	-309.34	1.51	2.20	0.0	0.0	383
	407	39	14.55	106	19.25	9792.0	0	1196.76	3.80	-330.17	-308.91	-329.66	-308.43	1.49	2.00	0.0	0.0	384
	408	39	13.50	106	20.95	9570.0	0	1203.49	-8.78	-335.18	-314.39	-334.51	-313.77	1.53	2.20	0.0	0.0	385
	409	39	15.44	106	15.63	10583.0	0	1160.82	40.84	-320.11	-297.12	-318.02	-295.17	1.32	3.40	0.0	0.0	386
	410	39	15.38	106	15.04	10706.0	0	1153.12	44.78	-320.36	-297.11	-317.65	-294.57	1.29	4.00	0.0	0.0	387
	413	39	14.85	106	15.49	10925.0	0	1146.44	50.06	-319.14	-295.63	-317.40	-294.00	1.26	3.00	0.0	0.0	388
	414	39	14.40	106	15.43	10847.0	0	1145.15	51.80	-318.45	-294.90	-316.50	-293.07	1.25	3.20	0.0	0.0	389
	415	39	14.50	106	15.72	10997.0	0	1135.34	55.63	-319.44	-295.56	-316.85	-293.14	1.21	3.80	0.0	0.0	390
	416	39	14.15	106	15.37	10572.0	0	1150.82	41.71	-318.86	-295.91	-315.68	-292.93	1.32	4.50	0.0	0.0	391
	506	38	32.10	106	4.78	7633.0	0	1302.95	-30.46	-290.79	-274.22	-290.33	-273.78	1.73	2.20	0.0	0.0	392
	507	38	32.52	106	4.78	7480.0	0	1300.15	-29.46	-291.40	-274.72	-291.03	-274.38	1.73	2.19	0.0	0.0	393
	508	38	33.64	106	4.89	7414.0	0	1318.79	-37.45	-290.32	-274.22	-289.36	-273.32	1.74	2.70	0.0	0.0	394
	509	38	33.64	106	3.10	170.0	0	1340.34	-38.93	-283.38	-267.81	-274.52	-267.00	1.74	2.60	0.0	0.0	395
	510	38	32.95	106	2.05	132.0	0	1345.57	-36.16	-279.41	-263.92	-278.45	-263.02	1.74	2.70	0.0	0.0	396
	511	38	32.59	106	1.06	7169.0	0	1346.21	-31.39	-275.90	-260.33	-274.94	-259.43	1.74	2.70	0.0	0.0	397
	512	38	32.05	106	1.42	7217.0	0	1340.02	-32.40	-278.55	-262.88	-277.69	-262.07	1.74	2.60	0.0	0.0	398
	513	38	32.05	106	1.99	7249.0	0	1334.63	-34.79	-282.03	-266.28	-281.17	-265.48	1.74	2.60	0.0	0.0	399
	514	38	32.08	106	3.65	7518.0	0	1311.68	-32.51	-288.92	-272.59	-288.46	-272.16	1.74	2.20	0.0	0.0	400
	515	38	32.11	106	6.69	7842.0	0	1291.31	-22.48	-299.94	-272.91	-289.27	-272.28	1.73	2.40	0.0	0.0	401
	516	38	31.94	106	6.69	7811.0	0	1293.25	-23.20	-289.61	-272.65	-288.64	-271.92	1.73	2.50	0.0	0.0	402
	517	38	31.46	106	8.15	7766.0	0	1297.78	-22.20	-287.07	-270.20	-285.10	-268.36	1.73	3.70	0.0	0.0	403
	518	38	30.93	106	10.49	8314.0	0	1271.43	3.72	-279.84	-261.79	-273.74	-256.07	1.70	7.80	0.0	0.0	404
	519	38	30.51	106	10.32	8572.0	0	1255.86	13.00	-279.36	-260.74	-271.23	-253.14	1.67	9.80	0.0	0.0	405
	520	38	30.87	106	12.56	9395.0	0	1203.28	37.21	-283.22	-262.82	-278.49	-258.39	1.56	6.30	0.0	0.0	406
	521	38	30.59	106	14.00	10224.0	0	1155.22	67.43	-281.28	-259.08	-275.38	-253.55	1.40	7.30	0.0	0.0	407
	522	38	36.52	106	4.87	7387.0	0	1323.95	-39.04	-290.99	-274.95	-289.83	-273.66	1.74	2.90	0.0	0.0	408
	523	38	37.31	106	4.19	7429.0	0	1329.35	-30.86	-284.24	-268.11	-283.28	-267.21	1.74	2.70	0.0	0.0	409
	524	38	36.50	106	3.40	7289.0	0	1335.54	-36.64	-285.25	-269.42	-283.99	-268.24	1.74	3.00	0.0	0.0	410
	525	38	35.89	106	3.80	7291.0	0	1333.77	-37.33	-286.00	-270.17	-285.04	-269.27	1.74	2.70	0.0	0.0	411
	526	38	35.18	106	3.49	7270.0	0	1335.22	-36.81	-284.77	-268.98	-283.91	-268.17	1.74	2.60	0.0	0.0	412
	527	38	35.18	106	4.19	7251.0	0	1333.61	40.21	-287.51	-271.77	-286.45	-270.78	1.74	2.80	0.0	0.0	413
	528	38	34.49	106	2.62	7237.0	0	1340.61	-33.51	-280.34	-264.63	-279.58	-263.91	1.74	2.50	0.0	0.0	414
	529	38	33.90	106	1.82	7188.0	0	1346.37	-31.49	-276.65	-261.04	-275.79	-260.23	1.74	2.50	0.0	0.0	415
	530	38	33.28	106	0.99	7153.0	0	1350.79	-29.45	-273.42	-257.66	-272.45	-256.98	1.74	2.70	0.0	0.0	416
	530A	38	44.40	106	6.50	7875.0	0	1292.90	-35.81	-304.40	-287.30	-303.92	-286.85	1.73	2.20	0.0	0.0	417

531	38	44.29	106	7.65	8004.0	0	1283.34	-33.09	-306.08	-288.70	-305.20	✓	-287.87	1.72	2.60	0.0	0.0	418
532	38	44.97	106	9.05	8192.0	0	1271.81	-27.95	-307.35	-289.56	-305.56	✓	-287.89	1.71	3.50	0.0	0.0	419
533	38	43.38	106	7.62	8088.0	0	1277.30	-29.90	-305.75	-288.19	-304.97	✓	-287.45	1.71	2.50	0.0	0.0	420
534	38	43.38	106	6.21	7898.0	0	1290.77	-34.28	-303.66	-286.50	-303.28	✓	-286.15	1.72	2.10	0.0	0.0	421
535	38	43.38	106	5.11	7769.0	0	1303.00	-34.17	-299.15	-282.27	-298.78	✓	-281.93	1.73	2.10	0.0	0.0	422
536	38	42.43	106	5.35	7885.0	0	1294.29	-30.60	-299.53	-282.41	-299.25	✓	-282.15	1.73	2.00	0.0	0.0	423
537	38	42.31	106	4.50	7920.0	0	1299.29	-22.12	-292.53	-275.05	-292.27	✓	-275.07	1.72	1.70	0.0	0.0	424
538	38	43.90	106	10.41	8250.0	0	1266.37	-26.37	-307.75	-289.84	-301.65	✓	-284.13	1.70	7.80	0.0	0.0	425
539	38	42.79	106	11.92	8532.0	0	1244.12	-20.50	-311.50	-292.97	-300.68	✓	-282.84	1.68	12.50	0.0	0.0	426
540	38	31.14	106	2.90	7315.0	0	1323.75	-38.13	-287.62	-271.74	-286.16	✓	-270.37	1.74	3.20	0.0	0.0	427
541	38	31.48	106	1.95	7239.0	0	1331.83	-37.69	-284.59	-268.87	-283.43	✓	-267.78	1.74	2.90	0.0	0.0	428
B542	38	25.35	106	5.30	9012.0	0	1221.44	27.47	-279.89	-260.32	-279.71	✓	-260.15	1.62	1.80	0.0	0.0	429
543	38	21.99	106	3.45	8694.0	0	1237.38	15.53	-280.99	-262.11	-280.15	✓	-261.33	1.66	2.50	0.0	0.0	430
544	38	22.13	106	2.30	8536.0	0	1241.91	7.94	-283.19	-264.66	-282.07	✓	-263.61	1.68	2.90	0.0	0.0	431
545	38	21.58	106	1.37	8424.0	0	1244.82	1.13	-286.18	-267.89	-284.97	✓	-266.75	1.69	2.90	0.0	0.0	432
546	38	20.69	106	1.32	8390.0	0	1249.50	3.92	-282.23	-264.02	-281.13	✓	-262.98	1.69	2.80	0.0	0.0	433
547	38	17.88	106	59.11	8133.0	0	1263.60	-3.02	-280.40	-262.74	-280.12	✓	-262.47	1.71	2.00	0.0	0.0	434
548	38	17.35	105	58.80	8153.0	0	1259.85	-3.11	-281.18	-263.48	-281.09	✓	-263.39	1.71	1.80	0.0	0.0	435
549	38	15.50	105	57.32	7994.0	0	1277.12	-8.68	-280.72	-263.37	-280.94	✓	-263.57	1.72	1.50	0.0	0.0	436
550	38	15.01	105	57.81	8076.0	0	1264.70	-2.08	-277.52	-259.98	-278.03	✓	-260.46	1.71	1.20	0.0	0.0	437
551	38	17.69	106	8.49	9465.0	0	1165.57	25.37	-297.45	-276.90	-292.90	✓	-272.64	1.55	6.10	0.0	0.0	438
552	38	18.33	106	8.78	9595.0	0	1159.05	30.12	-297.13	-276.29	-292.06	✓	-271.54	1.53	6.60	0.0	0.0	439
553	38	19.25	106	9.50	9918.0	0	1142.40	42.47	-295.80	-274.27	-292.27	✓	-270.96	1.47	5.00	0.0	0.0	440
554	38	19.31	106	10.39	10214.0	0	1118.59	46.37	-301.99	-279.81	-298.00	✓	-276.07	1.40	5.40	0.0	0.0	441
B555	38	29.57	105	55.02	6874.0	0	1379.02	-22.00	-256.45	-241.52	-251.69	✓	-237.06	1.73	6.50	0.0	0.0	442
556	38	26.66	105	51.28	6984.0	0	1360.17	-26.25	-264.45	-249.29	-262.19	✓	-247.17	1.74	4.00	0.0	0.0	443
557	38	26.59	105	51.90	7217.0	0	1347.45	-18.98	-263.13	-247.45	-260.87	✓	-245.34	1.74	4.00	0.0	0.0	444
558	38	25.19	105	49.31	6910.0	0	1363.34	-27.89	-263.56	-248.56	-261.50	✓	-246.62	1.73	3.80	0.0	0.0	445
559	38	24.84	105	49.66	7052.0	0	1353.00	-24.37	-264.89	-249.58	-262.73	✓	-247.55	1.74	3.90	0.0	0.0	446
560	38	28.84	105	53.61	6849.0	0	1380.64	-21.66	-255.26	-240.39	-251.19	✓	-236.58	1.73	5.80	0.0	0.0	447
562	38	27.39	105	50.32	6726.0	0	1381.23	-30.51	-259.91	-245.30	-255.84	✓	-241.49	1.73	5.80	0.0	0.0	448
563	38	28.39	105	51.91	6768.0	0	1381.07	-28.19	-259.02	-244.32	-254.55	✓	-240.14	1.73	6.20	0.0	0.0	449
B564	38	38.82	105	54.18	9314.0	0	1220.41	82.04	-252.68	-231.37	-251.87	✓	-230.61	1.49	2.30	0.0	0.0	450
565	38	33.78	105	59.21	7456.0	0	1349.34	-3.16	-257.46	-241.27	-255.30	✓	-239.25	1.74	3.90	0.0	0.0	451
566	38	35.39	105	58.02	8421.0	0	1303.74	36.54	-250.67	-232.38	-248.75	✓	-230.59	1.69	3.60	0.0	0.0	452
B567	38	34.31	105	56.35	8924.0	0	1268.58	50.29	-254.68	-234.70	-253.71	✓	-234.35	1.63	2.00	0.0	0.0	453
568	38	38.48	105	55.61	9671.0	0	1227.79	78.49	-253.35	-232.35	-252.27	✓	-231.34	1.51	2.60	0.0	0.0	454
569	38	39.00	105	52.26	9363.0	0	1245.19	64.19	-255.15	-234.81	-255.31	✓	-234.97	1.57	1.40	0.0	0.0	455
570	38	39.94	105	50.82	9143.0	0	1254.52	51.48	-260.36	-240.50	-260.76	✓	-240.88	1.60	1.20	0.0	0.0	456
571	38	41.41	105	50.00	8987.0	0	1267.28	45.55	-260.28	-240.81	-260.81	✓	-241.30	1.63	1.10	0.0	0.0	457
572	38	42.36	105	50.55	8986.0	0	1266.26	44.92	-261.56	-242.05	-261.98	✓	-242.44	1.62	1.20	0.0	0.0	458
B573	38	43.97	105	50.55	9150.0	0	1257.96	49.65	-262.41	-242.54	-262.91	✓	-243.01	1.60	1.10	0.0	0.0	459
574	38	38.41	106	4.97	7583.0	0	1324.50	-22.86	-281.49	-265.02	-280.62	✓	-264.21	1.74	2.60	0.0	0.0	460
575	38	39.50	106	6.60	7844.0	0	1300.04	-24.39	-291.93	-274.89	-293.95	✓	-273.98	1.73	2.70	0.0	0.0	461
576	38	39.96	106	8.00	8574.0	0	1240.27	-8.25	-300.68	-282.06	-299.16	✓	-280.63	1.67	3.20	0.0	0.0	462
577	38	40.82	106	5.00	8428.0	0	1255.48	-16.02	-303.47	-285.17	-302.46	✓	-284.22	1.69	2.70	0.0	0.0	463
578	38	41.63	106	7.09	8173.0	0	1271.92	-24.73	-303.48	-285.73	-302.89	✓	-285.18	1.71	2.30	0.0	0.0	464
579	38	41.63	106	0.40	7966.0	0	1289.64	-26.45	-298.15	-280.85	-298.67	✓	-279.46	1.72	3.20	0.0	0.0	465
580	38	30.51	106	7.45	7850.0	0	1296.48	-14.21	-281.95	-264.90	-280.67	✓	-261.84	1.73	5.00	0.0	0.0	466
581	38	32.49	106	14.09	8670.0	0	1237.17	0.62	-295.09	-276.26	-287.25	✓	-268.92	1.66	9.50	0.0	0.0	467
582	38	32.99	106	13.82	9075.0	0	1214.54	15.30	-294.22	-274.51	-290.83	✓	-271.34	1.61	5.00	0.0	0.0	468
583	38	34.71	106	9.25	8956.0	0	1224.67	11.73	-293.73	-274.28	-291.95	✓	-272.62	1.63	3.40	0.0	0.0	469
584	38	35.45	106	6.60	8021.0	0	1276.87	-24.99	-298.56	-281.14	-295.88	✓	-278.63	1.72	4.40	0.0	0.0	470
585	38	26.10	106	7.29	8517.0	0	1243.27	6.70	-283.78	-265.29	-280.46	✓	-262.18	1.68	5.00	0.0	0.0	471
586	38	25.82	106	9.00	9459.0	0	1190.13	37.47	-285.15	-264.61	-283.40	✓	-262.97	1.55	3.30	0.0	0.0	472
587	38	23.71	106	13.41	10573.0	0	1121.66	76.72	-283.89	-260.93	-280.31	✓	-257.57	1.32	4.90	0.0	0.0	473
588	38	24.99	106	10.66	9912.0	0	1163.33	54.40	-283.66	-262.14	-280.03	✓	-258.74	1.47	5.10	0.0	0.0	474
589	38	24.40	106	5.91	9114.0	0	1207.37	24.38	-286.47	-266.68	-286.18	✓	-266.49	1.61	1.90	0.0	0.0	475
590	38	23.53	106	4.81	8923.0	0	1217.18	17.52	-286.82	-267.44	-286.05	✓	-266.74	1.63	2.40	0.0	0.0	476
591	38	22.47	106	5.70	9272.0	0	1191.64	26.28	-289.95	-269.82	-285.33	✓	-265.49	1.58	6.20	0.0	0.0	477
592	38	15.33	105	55.89	7912.0	0	1279.52	-12.13	-281.98	-264.80	-282.01	✓	-264.02	1.72	1.70	0.0	0.0	478

593	38	15.11	105	54.90	7880.0	0	1275.04	-10.30	-279.06	-261.94	-278.78	✓	-261.69	1.73	2.00	0.0	0.0	479
594	38	16.08	105	53.99	8005.0	0	1274.66	-0.35	-273.37	-255.99	-271.79	✓	-254.51	1.72	3.30	0.0	0.0	480
595	38	17.40	105	57.22	7976.0	0	1269.76	-9.90	-281.94	-264.62	-281.36	✓	-264.08	1.72	2.30	0.0	0.0	481
596	38	18.00	105	57.22	8005.0	0	1270.41	-7.41	-280.43	-263.05	-279.45	✓	-262.13	1.72	2.70	0.0	0.0	482
597	38	48.38	106	5.92	7860.0	0	1326.17	-9.79	-277.87	-260.80	-277.10	✓	-260.08	1.73	2.50	0.0	0.0	483
598	38	48.19	106	5.72	7826.0	0	1327.36	-11.52	-278.44	-261.44	-277.76	✓	-260.61	1.73	2.40	0.0	0.0	484
599	38	47.63	106	5.68	7804.0	0	1323.69	-16.43	-282.60	-265.65	-281.93	✓	-265.02	1.73	2.40	0.0	0.0	485
600	38	48.82	106	5.24	8000.0	0	1322.88	-0.57	-273.43	-256.05	-272.85	✓	-255.51	1.72	2.30	0.0	0.0	486
601	38	49.18	106	4.00	8157.0	0	1317.50	-8.27	-269.94	-252.23	-268.95	✓	-251.30	1.71	2.70	0.0	0.0	487
602	38	49.49	106	3.24	8256.0	0	1312.00	11.61	-269.97	-252.04	-268.67	✓	-250.63	1.70	3.00	0.0	0.0	488
603	38	49.69	106	2.32	8411.0	0	1302.79	16.67	-270.20	-251.93	-268.89	✓	-250.71	1.69	3.00	0.0	0.0	489
604	38	49.81	106	1.68	8526.0	0	1295.95	20.46	-270.33	-251.82	-268.81	✓	-250.39	1.68	3.20	0.0	0.0	490
605	38	50.27	106	0.99	8648.0	0	1290.13	25.43	-269.53	-250.75	-268.29	✓	-249.59	1.66	2.90	0.0	0.0	491
606	38	47.80	106	7.61	7971.0	0	1291.85	-32.83	-304.69	-287.38	-304.11	✓	-286.64	1.72	2.30	0.0	0.0	492
607	38	48.51	106	8.71	8084.0	0	1284.52	-30.73	-306.45	-298.90	-305.67	✓	-288.16	1.71	2.50	0.0	0.0	493
608	38	47.78	106	8.71	8090.0	0	1281.02	-32.45	-308.37	-290.81	-307.49	✓	-289.98	1.71	2.60	0.0	0.0	494
609	38	46.60	106	8.71	8190.0	0	1272.40	-29.94	-309.28	-291.49	-308.28	✓	-290.56	1.71	2.70	0.0	0.0	495
610	38	46.04	106	8.71	8247.0	0	1269.33	-26.84	-308.11	-290.20	-307.12	✓	-289.27	1.70	2.70	0.0	0.0	496
611	38	46.01	106	9.82	8503.0	0	1252.85	-19.22	-309.23	-290.76	-307.31	✓	-288.97	1.68	3.60	0.0	0.0	497
612	38	49.52	106	8.71	8034.0	0	1293.84	-27.45	-301.46	-294.01	-300.68	✓	-283.28	1.72	2.50	0.0	0.0	498
613	38	50.19	106	8.96	8041.0	0	1299.77	-21.84	-296.10	-278.63	-295.11	✓	-277.71	1.72	2.70	0.0	0.0	499
614	38	49.42	106	10.99	8237.0	0	1278.11	-23.96	-304.90	-287.01	-302.90	✓	-285.14	1.70	3.70	0.0	0.0	500
615	38	47.78	106	10.99	8463.0	0	1257.69	-20.74	-309.38	-291.00	-307.07	✓	-288.83	1.68	4.00	0.0	0.0	501
616	38	46.91	106	10.99	8689.0	0	1242.39	-13.53	-309.88	-291.01	-307.14	✓	-288.45	1.66	4.40	0.0	0.0	502
617	38	47.78	106	9.82	8228.0	0	1272.46	-28.05	-308.67	-290.81	-307.18	✓	-289.41	1.70	3.20	0.0	0.0	503
618	38	54.50	106	11.18	8427.0	0	1263.21	-11.47	-298.89	-280.59	-296.23	✓	-279.14	1.69	4.30	0.0	0.0	504
619	38	52.80	106	11.72	8515.0	0	1269.55	-11.37	-301.78	-283.29	-299.86	✓	-281.49	1.68	3.60	0.0	0.0	505
620	38	52.11	106	10.94	8465.0	0	1277.77	-12.47	-299.13	-280.68	-297.32	✓	-279.18	1.69	3.50	0.0	0.0	506
621	38	52.11	106	12.02	8658.0	0	1259.53	-6.94	-302.23	-283.43	-299.60	✓	-280.96	1.66	4.30	0.0	0.0	507
622	38	51.40	106	10.97	8322.0	0	1280.43	-16.56	-300.40	-282.32	-298.89	✓	-280.92	1.70	3.20	0.0	0.0	508
623	38	51.13	106	10.45	8228.0	0	1297.11	-18.32	-298.94	-281.08	-297.45	✓	-279.68	1.70	3.20	0.0	0.0	509
624	38	50.81	106	10.41	8207.0	0	1287.00	-19.93	-299.84	-282.02	-298.45	✓	-280.71	1.71	3.10	0.0	0.0	510
625	38	50.19	106	10.59	8194.0	0	1284.04	-23.20	-302.67	-284.88	-301.08	✓	-283.38	1.71	3.30	0.0	0.0	511
626	38	49.98	106	11.81	8346.0	0	1271.49	-21.16	-305.81	-287.69	-302.81	✓	-284.88	1.69	4.70	0.0	0.0	512
627	38	43.29	105	50.29	9140.0	0	1256.72	48.48	-263.25	-243.40	-263.75	✓	-243.87	1.60	1.10	0.0	0.0	513
628	38	39.39	105	48.41	8848.0	0	1270.89	40.94	-260.83	-241.62	-260.87	✓	-241.66	1.64	1.60	0.0	0.0	514
629	38	39.61	105	46.72	8836.0	0	1269.01	39.08	-262.28	-243.10	-262.23	✓	-243.04	1.64	1.70	0.0	0.0	515
630	38	38.61	105	45.59	8990.0	0	1262.06	46.60	-260.02	-240.50	-260.04	✓	-240.52	1.62	1.60	0.0	0.0	516
631	38	45.17	105	49.12	9317.0	0	1240.40	46.03	-271.74	-251.51	-272.02	✓	-251.77	1.57	1.30	0.0	0.0	517
632	38	46.33	105	47.46	9497.0	0	1227.79	48.63	-275.28	-254.66	-275.53	✓	-254.89	1.54	1.30	0.0	0.0	518
633	38	46.87	105	46.69	9560.0	0	1229.30	55.23	-270.83	-250.07	-271.16	✓	-250.38	1.53	1.20	0.0	0.0	519
634	38	47.68	105	46.10	9494.0	0	1237.01	55.58	-268.23	-247.61	-268.77	✓	-248.12	1.55	1.00	0.0	0.0	520
635	38	50.36	105	46.63	9371.0	0	1253.44	56.52	-263.09	-242.74	-263.96	✓	-243.55	1.57	0.70	0.0	0.0	521
636	38	51.01	105	46.68	9318.0	0	1257.21	54.36	-263.45	-243.21	-264.32	✓	-244.03	1.57	0.70	0.0	0.0	522
637	38	52.10	105	46.70	9238.0	0	1262.87	50.90	-264.17	-244.11	-265.06	✓	-244.94	1.59	0.70	0.0	0.0	523
638	38	53.80	105	47.81	9148.0	0	1265.94	43.02	-268.99	-249.12	-269.99	✓	-250.06	1.60	0.60	0.0	0.0	524
639	38	51.50	105	59.17	9010.0	0	1270.52	38.02	-269.28	-249.72	-267.21	✓	-247.77	1.62	3.70	0.0	0.0	525
640	38	49.89	105	59.19	8931.0	0	1271.16	33.60	-271.01	-251.61	-270.64	✓	-251.27	1.63	3.30	0.0	0.0	526
641	38	48.03	105	59.18	9228.0	0	1251.66	44.77	-269.96	-249.92	-270.15	✓	-250.10	1.59	3.40	0.0	0.0	527
642	38	46.41	105	58.03	9570.0	0	1229.73	57.31	-269.09	-248.31	-269.33	✓	-248.53	1.53	3.30	0.0	0.0	528
643	38	45.06	105	57.79	9363.0	0	1242.77	52.89	-266.46	-246.12	-266.72	✓	-246.09	1.57	1.60	0.0	0.0	529
644	38	59.11	105	52.38	8923.0	0	1270.57	18.71	-285.62	-266.25	-286.66	✓	-267.21	1.63	3.60	0.0	0.0	530
645	38	58.28	105	53.80	8971.0	0	1272.94	26.81	-279.16	-259.68	-280.09	✓	-260.55	1.63	0.70	0.0	0.0	531
646	38	57.93	105	54.67	8959.0	0	1276.55	29.81	-275.76	-256.30	-276.68	✓	-257.17	1.63	0.70	0.0	0.0	532
647	38	57.89	105	55.58	8959.0	0	1278.22	31.53	-274.03	-254.57	-274.95	✓	-255.44	1.63	0.70	0.0	0.0	533
648	38	56.90	105	57.02	9025.0	0	1272.67	33.64	-274.17	-254.57	-274.99	✓	-255.34	1.62	0.80	0.0	0.0	534
649	38	56.34	105	54.72	8480.0	0	1275.26	32.83	-273.45	-253.95	-274.38	✓	-254.82	1.62	0.70	0.0	0.0	535
650	38	57.03	105	53.89	8471.0	0	1266.53	22.24	-283.73	-264.25	-284.76	✓	-265.21	1.63	0.60	0.0	0.0	536
651	38	58.56	105	46.72	8693.0	0	1295.14	41.27	-262.04	-242.73	-262.98	✓	-243.61	1.64	0.70	0.0	0.0	537
652	38	56.45	105	47.80	9108.0	0	1270.73	40.16	-270.48	-250.71	-271.49	✓	-251.65	1.61	0.60	0.0	0.0	538
653	38	55.56	105	47.80	9088.0	0	1271.32	40.18	-269.78	-250.05	-270.79	✓	-250.99	1.61	0.60	0.0	0.0	539

654	38	55.13	105	47.80	9308.0	0	1269.49	40.86	-269.78	-250.01	-270.79 ✓	-250.95	1.61	0.60	0.0	0.0	540
655	38	54.67	105	47.80	9118.0	0	1268.42	41.40	-269.58	-249.78	-270.59 ✓	-250.72	1.61	0.60	0.0	0.0	541
656	38	59.15	105	57.50	8987.0	0	1279.19	33.28	-273.23	-253.72	-273.86 ✓	-254.30	1.62	1.00	0.0	0.0	542
657	38	58.00	105	57.52	9017.0	0	1272.82	30.62	-276.92	-257.34	-277.54 ✓	-257.92	1.62	1.00	0.0	0.0	543
658	38	56.81	105	57.79	9060.0	0	1269.55	33.94	-275.07	-255.39	-275.68 ✓	-255.97	1.61	1.00	0.0	0.0	544
659	38	56.15	105	57.95	9122.0	0	1267.55	38.73	-272.39	-252.58	-272.99 ✓	-253.14	1.60	1.00	0.0	0.0	545
660	39	1.32	106	15.19	8878.0	0	1254.73	-4.61	-307.41	-288.13	-303.35	-284.33	1.64	5.70	0.0	0.0	546
661	39	1.28	106	16.96	8958.0	0	1244.39	-7.38	-312.90	-293.45	-307.43	-288.32	1.63	7.10	0.0	0.0	547
662	39	1.02	106	18.11	8958.0	0	1236.31	-15.07	-320.60	-301.15	-310.83	-292.00	1.63	11.40	0.0	0.0	548
663	39	0.69	106	19.00	9019.0	0	1228.33	-16.84	-324.44	-304.86	-311.56	-292.80	1.62	14.50	0.0	0.0	549
664	38	59.94	106	22.78	9669.0	0	1173.86	-9.15	-338.92	-317.93	-321.34 ✓	-301.46	1.51	19.10	0.0	0.0	550
665	38	59.38	106	26.31	10226.0	0	1135.00	5.58	-343.20	-320.99	-331.90 ✓	-310.41	1.40	12.70	0.0	0.0	551
666	38	30.05	106	24.87	8989.0	0	1211.52	8.51	-298.07	-278.55	-292.40	-273.24	1.62	7.30	0.0	0.0	552
667	38	31.00	106	25.90	9158.0	0	1232.79	14.26	-298.08	-278.20	-274.38 ✓	-274.73	1.60	5.30	0.0	0.0	553
668	38	30.80	106	29.92	8967.0	0	1221.54	15.37	-290.47	-271.00	-289.69 ✓	-270.27	1.63	2.40	0.0	0.0	554
669	38	39.06	106	28.12	10028.0	0	1146.71	28.09	-313.93	-292.15	-307.27 ✓	-285.92	1.44	8.10	0.0	0.0	555
670	38	30.08	106	27.90	9383.0	0	1193.53	27.49	-292.53	-272.16	-290.80 ✓	-270.53	1.56	3.30	0.0	0.0	556
671	38	31.38	106	16.55	9576.0	0	1183.61	33.79	-292.81	-272.02	-287.74 ✓	-267.27	1.53	6.60	0.0	0.0	557
672	38	19.18	106	0.10	8157.0	0	1264.48	-0.78	-278.99	-251.28	-278.10 ✓	-260.44	1.71	2.60	0.0	0.0	558
673	38	18.59	106	0.43	8196.0	0	1260.93	0.19	-279.34	-261.54	-278.55	-260.80	1.71	2.50	0.0	0.0	559
674	38	16.07	106	1.41	8761.0	0	1228.44	24.47	-274.34	-255.31	-273.89 ✓	-254.89	1.65	2.10	0.0	0.0	560
675	38	15.70	106	0.52	8554.0	0	1242.34	19.47	-272.28	-253.71	-272.36 ✓	-253.78	1.67	1.60	0.0	0.0	561
676	38	16.67	105	57.75	8009.0	0	1267.12	-8.41	-281.57	-264.17	-261.48 ✓	-264.10	1.72	1.80	0.0	0.0	562
677	38	25.84	106	6.14	8763.0	0	1237.93	19.90	-278.97	-259.94	-277.72 ✓	-258.77	1.65	2.90	0.0	0.0	563
678	38	25.13	106	2.41	9464.0	0	1232.15	50.97	-271.82	-251.27	-270.07 ✓	-249.63	1.55	3.30	0.0	0.0	564
679	38	17.29	106	9.56	9378.0	0	1169.88	22.07	-297.76	-277.40	-293.83 ✓	-273.71	1.56	5.90	0.0	0.0	565
680	38	15.10	106	15.40	10335.0	0	1124.07	45.19	-297.06	-275.27	-293.11 ✓	-271.57	1.44	5.40	0.0	0.0	566
681	38	18.29	105	57.22	8644.0	0	1269.22	-5.36	-279.71	-262.24	-278.63 ✓	-261.23	1.72	2.20	0.0	0.0	567
682	38	19.18	105	57.22	8131.0	0	1265.94	2.93	-276.09	-258.33	-274.00 ✓	-256.37	1.71	3.80	0.0	0.0	568
683	38	21.68	105	45.62	8631.0	0	1382.15	-30.16	-256.32	-241.92	-253.54 ✓	-239.32	1.72	4.50	0.0	0.0	569
684	38	22.92	105	46.32	8574.0	0	1384.52	-34.96	-259.18	-244.90	-256.20 ✓	-242.11	1.72	4.70	0.0	0.0	570
685	38	23.31	105	46.38	8550.0	0	1385.49	-36.81	-260.21	-245.99	-257.03 ✓	-243.01	1.72	4.90	0.0	0.0	571
686	38	29.59	105	57.01	7182.0	0	1354.46	-17.65	-262.60	-247.01	-259.74 ✓	-244.33	1.74	4.80	0.0	0.0	572
687	38	28.62	105	57.12	7476.0	0	1234.41	-8.65	-263.64	-247.40	-259.77 ✓	-243.78	1.74	5.60	0.0	0.0	573
688	38	27.43	105	57.61	8224.0	0	1293.31	22.31	-258.18	-246.32	-254.58 ✓	-236.95	1.70	5.30	0.0	0.0	574
690	38	35.72	105	46.82	9665.0	0	1218.85	71.03	-258.51	-237.62	-257.62 ✓	-236.70	1.51	2.50	0.0	0.0	576
691	38	34.09	105	45.30	10075.0	0	1198.11	91.19	-252.43	-230.55	-250.05 ✓	-228.34	1.43	3.80	0.0	0.0	577
693	38	37.43	105	57.91	8727.0	0	1277.79	39.40	-258.25	-239.30	-257.11 ✓	-238.23	1.65	2.80	0.0	0.0	579
694	38	41.19	105	58.78	10436.0	0	1169.44	86.02	-269.92	-247.26	-263.47 ✓	-241.22	1.35	7.80	0.0	0.0	580
695	38	44.40	105	58.14	9339.0	0	1243.04	51.87	-266.65	-246.37	-266.52 ✓	-246.25	1.57	1.70	0.0	0.0	581
696	38	44.70	105	56.31	9710.0	0	1223.09	66.24	-264.94	-243.85	-264.74 ✓	-243.67	1.51	1.70	0.0	0.0	582
697	38	45.09	105	55.55	9531.0	0	1235.39	61.24	-263.83	-243.13	-264.17 ✓	-243.45	1.54	1.20	0.0	0.0	583
698	38	47.38	105	53.32	9225.0	0	1252.41	52.03	-262.61	-242.57	-263.20 ✓	-243.13	1.59	1.00	0.0	0.0	584
699	38	39.61	105	53.06	9394.0	0	1242.77	63.79	-256.60	-236.21	-256.47 ✓	-236.08	1.56	1.70	0.0	0.0	585
700	38	52.11	106	2.65	9422.0	0	1248.21	53.51	-267.84	-247.38	-267.70 ✓	-247.25	1.56	1.70	0.0	0.0	586
701	38	52.64	106	4.50	8958.0	0	1272.78	33.72	-271.81	-252.36	-271.54 ✓	-252.10	1.63	1.90	0.0	0.0	587
702	38	50.93	106	3.50	9250.0	0	1251.77	42.65	-272.64	-252.75	-270.92 ✓	-250.96	1.59	3.50	0.0	0.0	588
703	38	49.82	106	3.37	8503.0	0	1299.77	22.10	-267.90	-249.44	-267.58 ✓	-249.14	1.68	2.00	0.0	0.0	589
704	38	52.91	105	59.96	9187.0	0	1266.96	49.01	-264.33	-244.38	-264.22 ✓	-244.28	1.59	1.70	0.0	0.0	590
705	38	53.89	106	0.45	9246.0	0	1262.33	48.62	-266.73	-246.65	-266.92 ✓	-246.63	1.59	1.40	0.0	0.0	591
706	38	54.65	106	1.26	9341.0	0	1256.94	50.90	-247.69	-247.40	-267.66 ✓	-247.38	1.57	1.60	0.0	0.0	592
707	38	55.59	106	1.97	9468.0	0	1248.05	52.56	-270.36	-249.80	-269.91 ✓	-249.38	1.55	2.00	0.0	0.0	593
708	38	56.49	106	2.70	9738.0	0	1233.70	59.25	-272.88	-251.74	-272.28 ✓	-251.17	1.50	2.10	0.0	0.0	594
709	38	54.81	106	2.52	9845.0	0	1224.18	65.25	-270.53	-249.15	-269.81 ✓	-248.48	1.48	2.20	0.0	0.0	595
710	38	53.05	106	8.42	8329.0	0	1309.63	1.87	-282.20	-264.11	-288.90 ✓	-262.89	1.70	3.00	0.0	0.0	596
711	38	53.82	106	7.60	8602.0	0	1288.40	14.16	-279.23	-260.55	-278.00 ✓	-259.39	1.67	2.90	0.0	0.0	597
712	38	54.39	106	8.01	8345.0	0	1270.79	18.54	-283.13	-263.93	-281.78 ✓	-262.65	1.64	3.00	0.0	0.0	598
713	38	55.31	106	8.35	9160.0	0	1254.46	30.65	-281.97	-262.08	-279.77 ✓	-260.62	1.60	3.80	0.0	0.0	599
714	38	52.96	106	8.11	8335.0	0	1301.23	3.17	-281.11	-263.01	-280.01 ✓	-261.98	1.70	2.80	0.0	0.0	600

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	715	38	52.91	106	7.93	8337.0	0	1301.76	3.96	-280.39	-262.28	-279.38	-261.34	1.70	2.70	0.0	0.0	601
	716	38	53.00	106	6.69	8828.0	0	1275.80	23.99	-277.10	-257.93	-276.04	-256.94	1.64	2.70	0.0	0.0	602
	717	38	53.29	106	5.87	8830.0	0	1277.95	25.91	-275.25	-256.08	-274.60	-255.47	1.64	2.30	0.0	0.0	603
	718	38	53.33	106	5.70	8782.0	0	1280.91	24.30	-275.22	-256.15	-274.77	-255.73	1.65	2.10	0.0	0.0	604
	719	38	53.71	106	4.69	9090.0	0	1263.14	34.90	-275.12	-255.38	-274.13	-254.46	1.61	2.60	0.0	0.0	605
	720	38	52.02	106	5.43	8801.0	0	1279.84	26.94	-273.23	-254.12	-273.08	-253.98	1.65	1.80	0.0	0.0	606
	721	38	51.19	106	5.41	8833.0	0	1274.34	30.36	-272.61	-253.32	-272.44	-253.17	1.64	1.80	0.0	0.0	607
	722	38	49.79	106	5.19	8436.0	0	1301.23	17.31	-270.41	-252.09	-269.90	-251.61	1.69	2.20	0.0	0.0	608
	723	38	41.76	106	23.89	10802.0	0	1100.38	50.50	-317.92	-294.47	-309.98	-287.03	1.26	9.20	0.0	0.0	609
	724	38	59.93	105	46.50	8859.0	0	1301.23	42.15	-260.09	-240.76	-261.04	-241.74	1.64	0.60	0.0	0.0	610
	725	38	59.92	105	47.60	8943.0	0	1293.41	42.24	-262.78	-243.36	-263.81	-244.32	1.63	0.60	0.0	0.0	611
	726	38	59.30	105	46.50	8962.0	0	1292.55	44.07	-261.59	-242.13	-262.52	-243.00	1.63	0.70	0.0	0.0	612
	727	38	57.31	105	47.80	9005.0	0	1278.97	37.46	-269.67	-250.12	-270.69	-251.07	1.62	0.60	0.0	0.0	613
	728	38	57.32	105	48.40	8967.0	0	1200.75	35.65	-270.18	-250.71	-271.21	-251.67	1.63	0.60	0.0	0.0	614
	729	38	56.49	105	49.47	8988.0	0	1275.26	32.62	-273.93	-254.41	-274.95	-255.37	1.62	0.60	0.0	0.0	615
	730	38	56.44	105	48.91	8999.0	0	1275.42	34.62	-272.30	-252.76	-273.32	-253.72	1.62	0.60	0.0	0.0	616
	731	38	56.00	105	48.91	9006.0	0	1274.40	34.91	-272.26	-252.70	-273.28	-253.66	1.62	0.60	0.0	0.0	617
	732	38	55.14	105	48.91	9030.0	0	1273.37	37.40	-270.59	-250.98	-271.60	-251.93	1.62	0.60	0.0	0.0	618
	733	38	55.14	105	48.39	9041.0	0	1273.26	38.32	-270.04	-250.41	-271.05	-251.36	1.62	0.60	0.0	0.0	619
	734	38	57.30	105	52.25	9067.0	0	1256.89	21.22	-288.03	-268.34	-289.04	-267.29	1.61	0.60	0.0	0.0	620
	735	38	56.79	105	51.12	9029.0	0	1260.50	22.01	-285.94	-266.33	-286.96	-267.29	1.62	0.60	0.0	0.0	621
	736	38	55.55	105	51.12	9060.0	0	1256.67	22.91	-286.09	-266.42	-287.11	-267.37	1.61	0.60	0.0	0.0	622
	737	38	54.68	105	51.12	9069.0	0	1256.78	25.15	-284.17	-264.47	-285.18	-265.42	1.61	0.60	0.0	0.0	623
	738	38	53.81	105	51.12	9109.0	0	1258.34	31.74	-278.93	-259.15	-279.94	-260.10	1.61	0.60	0.0	0.0	624
	739	38	52.95	105	51.12	9108.0	0	1260.17	34.74	-275.90	-256.12	-276.91	-257.06	1.61	0.60	0.0	0.0	625
	740	38	52.88	105	51.12	9157.0	0	1256.19	36.64	-275.67	-255.79	-276.67	-256.72	1.60	0.60	0.0	0.0	626
	741	38	51.20	105	51.12	9227.0	0	1250.26	38.58	-276.12	-256.08	-277.01	-256.91	1.59	0.70	0.0	0.0	627
	742	38	50.34	105	51.12	9269.0	0	1244.49	38.02	-278.11	-257.99	-279.00	-258.81	1.58	0.70	0.0	0.0	628
	743	38	49.73	105	51.12	9277.0	0	1243.04	38.22	-278.19	-258.04	-279.07	-258.87	1.58	0.70	0.0	0.0	629
	744	38	49.45	105	51.12	9332.0	0	1239.48	40.24	-278.05	-257.78	-278.92	-258.60	1.57	0.70	0.0	0.0	630
14	745	38	49.45	105	50.00	9263.0	0	1248.80	43.07	-272.85	-252.74	-273.74	-253.57	1.58	0.70	0.0	0.0	631
	746	38	49.45	105	40.40	9276.0	0	1250.37	45.87	-276.51	-250.36	-271.39	-251.19	1.58	0.70	0.0	0.0	632
	747	38	54.66	105	52.81	9064.0	0	1261.84	29.77	-279.38	-259.69	-280.39	-260.64	1.61	0.60	0.0	0.0	633
	748	38	54.66	105	53.36	9093.0	0	1262.70	33.35	-276.78	-257.04	-277.79	-257.98	1.61	0.60	0.0	0.0	634
	749	38	54.67	105	54.48	9142.0	0	1263.67	38.91	-272.89	-253.64	-273.80	-253.89	1.60	0.70	0.0	0.0	635
	750	38	53.80	105	52.21	9112.0	0	1260.76	34.46	-276.32	-256.53	-277.33	-257.47	1.61	0.60	0.0	0.0	636
	751	38	52.06	105	52.23	9178.0	0	1254.46	36.92	-276.11	-256.18	-277.01	-257.02	1.60	0.70	0.0	0.0	637
	752	38	51.20	105	52.23	9218.0	0	1250.10	37.58	-276.82	-256.80	-277.71	-257.63	1.59	0.70	0.0	0.0	638
	753	38	50.32	105	52.23	9314.0	0	1240.56	38.35	-279.32	-259.10	-280.20	-259.92	1.58	0.70	0.0	0.0	639
	754	38	49.46	105	52.23	9374.0	0	1241.21	45.90	-273.82	-253.46	-274.58	-254.18	1.57	0.80	0.0	0.0	640
	755	38	48.69	105	52.23	9492.0	0	1233.45	50.35	-273.39	-252.78	-274.13	-253.47	1.55	0.80	0.0	0.0	641
	756	39	6.94	106	3.54	10290.0	0	1201.66	66.68	-284.27	-261.93	-282.16	-259.95	1.39	3.50	0.0	0.0	642
	757	39	8.90	106	4.64	10910.0	0	1164.11	84.40	-287.62	-263.93	-285.16	-261.62	1.23	3.70	0.0	0.0	643
	758	39	9.39	106	4.50	10812.0	0	1168.21	80.12	-288.64	-265.16	-284.99	-261.75	1.26	4.90	0.0	0.0	644
	759	39	7.71	106	4.14	10589.0	0	1184.37	76.34	-284.81	-261.82	-281.33	-258.55	1.32	4.89	0.0	0.0	645
	760	39	7.50	106	4.06	10468.0	0	1189.38	70.30	-286.73	-264.00	-283.78	-261.23	1.34	4.30	0.0	0.0	646
	761	39	9.42	106	5.15	11159.0	0	1146.93	89.97	-290.63	-266.40	-286.20	-262.25	1.17	5.60	0.0	0.0	647
	762	39	9.58	106	5.70	10710.0	0	1172.14	72.72	-292.56	-269.30	-289.34	-266.29	1.29	4.50	0.0	0.0	648
	763	39	6.54	106	4.32	9776.0	0	1228.92	46.25	-287.17	-265.94	-285.07	-264.91	1.49	2.60	0.0	0.0	649
	764	39	7.05	106	4.89	9893.0	0	1221.70	49.27	-288.14	-266.66	-286.71	-265.32	1.47	2.90	0.0	0.0	650
	765	39	5.46	106	4.33	9688.0	0	1233.45	44.11	-286.32	-265.28	-285.33	-264.35	1.51	2.50	0.0	0.0	651
	766	39	4.93	106	3.32	9524.0	0	1243.79	39.82	-285.01	-264.33	-284.45	-263.80	1.54	2.10	0.0	0.0	652
	767	39	5.00	106	3.01	9518.0	0	1244.44	39.81	-284.92	-264.15	-284.46	-263.82	1.54	1.90	0.0	0.0	653
	768	39	4.45	106	1.68	9469.0	0	1249.18	40.75	-282.20	-261.64	-282.15	-261.59	1.55	1.60	0.0	0.0	654
	769	39	4.22	106	1.45	9491.0	0	1249.24	43.22	-280.49	-259.88	-280.53	-259.92	1.55	1.50	0.0	0.0	655
	770	39	4.02	106	1.11	9436.0	0	1254.08	43.19	-278.64	-258.15	-278.60	-258.11	1.56	1.60	0.0	0.0	656
	771	39	3.40	106	1.13	9630.0	0	1242.07	50.31	-278.13	-257.22	-278.15	-257.24	1.52	1.50	0.0	0.0	657
	772	39	3.23	106	1.10	9775.0	0	1234.42	56.53	-276.86	-255.63	-276.55	-255.35	1.49	1.80	0.0	0.0	658
	773	39	3.34	106	1.91	9642.0	0	1237.98	47.44	-281.42	-260.48	-281.34	-260.41	1.52	1.60	0.0	0.0	659
	774	39	4.00	106	2.97	9728.0	0	1232.37	48.93	-282.86	-261.73	-282.46	-261.36	1.50	1.90	0.0	0.0	660
	775	39	4.59	106	3.58	9545.0	0	1242.50	41.01	-284.54	-263.81	-283.68	-263.01	1.54	2.40	0.0	0.0	661

776	39	2.57	106	1.72	9643.0	0	1238.08	48.76	-280.13	-259.19	-279.75	-258.83	1.52	1.90	0.0	0.0	662
777	39	2.12	106	0.78	9446.0	0	1251.44	44.28	-277.89	-257.39	-277.44	-256.96	1.55	2.00	0.0	0.0	663
778	39	2.37	106	4.49	10510.0	0	1182.91	75.32	-203.14	-260.32	-280.07	-256.19	1.33	3.60	0.0	0.0	664
779	39	1.86	106	3.89	10402.0	0	1189.38	72.40	-282.38	-259.79	-280.94	-258.44	1.36	2.80	0.0	0.0	665
780	39	1.80	106	5.86	10645.0	0	1172.73	78.66	-284.40	-261.29	-282.21	-259.32	1.30	3.40	0.0	0.0	666
781	39	1.21	106	5.84	11078.0	0	1144.23	91.69	-286.14	-262.08	-280.83	-257.11	1.19	6.50	0.0	0.0	667
782	39	5.80	106	5.99	10118.0	0	1207.37	57.92	-287.17	-265.20	-285.20	-263.35	1.42	3.40	0.0	0.0	668
783	39	6.52	106	6.39	10556.0	0	1181.19	71.81	-288.21	-265.29	-294.84	-262.13	1.22	4.70	0.0	0.0	669
785	39	0.15	106	5.31	12645.0	0	1029.80	125.97	-305.31	-277.85	-285.31	-259.12	0.70	20.70	0.0	0.0	670

793	39	0.46	106	8.70	12093.0	0	1077.26	121.14	-291.31	-265.05	-281.59	-255.95	0.88	10.60	0.0	0.0	676
794	39	0.70	106	8.81	11994.0	0	1079.53	113.76	-295.31	-269.27	-286.43	-250.95	0.92	9.80	0.0	0.0	677
795	39	0.94	106	8.41	11670.0	0	1105.28	108.73	-289.29	-263.95	-284.71	-259.66	1.62	5.60	0.0	0.0	678
796	39	1.10	106	8.32	11748.0	0	1099.41	109.95	-290.73	-265.22	-284.92	-259.78	0.99	6.80	0.0	0.0	679
797	39	1.70	106	7.88	11420.0	0	1120.15	99.01	-290.49	-265.69	-284.08	-259.69	1.09	7.50	0.0	0.0	680
798	39	2.07	106	7.40	10592.0	0	1173.16	73.71	-287.54	-264.54	-283.76	-261.00	1.31	5.10	0.0	0.0	681
799	39	14.16	106	1.51	10109.0	0	1211.36	48.75	-296.03	-274.08	-295.36	-273.45	1.43	2.10	0.0	0.0	682
800	39	14.00	106	1.89	10091.0	0	1212.71	48.64	-295.52	-273.61	-294.95	-273.08	1.43	2.00	0.0	0.0	683
801	39	13.75	106	2.39	10185.0	0	1205.97	51.10	-296.27	-274.16	-295.58	-273.51	1.41	2.10	0.0	0.0	684
802	39	13.46	106	3.90	10414.0	0	1189.43	56.50	-298.69	-276.07	-297.14	-274.63	1.26	2.90	0.0	0.0	685
803	39	13.90	106	0.87	10135.0	0	1210.66	50.88	-294.79	-272.78	-294.11	-272.15	1.42	2.10	0.0	0.0	686
804	39	13.64	106	0.05	9944.0	0	1222.84	45.50	-293.66	-272.06	-293.42	-271.84	1.46	1.70	0.0	0.0	687
805	39	14.18	106	0.34	10062.0	0	1215.83	48.78	-294.40	-272.55	-293.84	-272.02	1.44	2.00	0.0	0.0	688
806	39	14.73	106	0.87	10200.0	0	1206.24	51.34	-296.55	-274.40	-295.65	-273.56	1.41	2.30	0.0	0.0	689
807	39	14.83	106	1.13	10381.0	0	1194.34	56.34	-297.72	-275.18	-296.89	-274.40	1.37	2.20	0.0	0.0	690
808	39	12.77	106	0.96	10096.0	0	1212.65	50.87	-293.47	-271.55	-293.20	-271.30	1.43	1.70	0.0	0.0	691
809	39	12.52	106	1.55	10113.0	0	1210.82	51.00	-293.92	-271.96	-293.54	-271.61	1.43	1.80	0.0	0.0	692
810	39	12.45	106	2.22	10168.0	0	1206.94	52.39	-294.40	-272.32	-293.82	-271.77	1.41	2.00	0.0	0.0	693
811	39	12.14	106	2.99	10322.0	0	1198.32	58.69	-293.36	-270.94	-292.43	-270.08	1.38	2.30	0.0	0.0	694
812	39	12.36	106	4.17	10636.0	0	1176.61	66.15	-296.61	-273.51	-295.11	-272.11	1.30	2.80	0.0	0.0	695
813	39	12.06	106	4.20	10750.0	0	1189.53	69.22	-297.43	-274.08	-295.70	-272.47	1.27	3.00	0.0	0.0	696
814	39	13.05	106	0.13	9916.0	0	1224.67	45.57	-292.63	-271.10	-292.50	-270.97	1.47	1.60	0.0	0.0	697
815	39	5.85	106	0.30	9528.0	0	1244.87	39.93	-285.04	-264.35	-284.78	-264.11	1.54	1.80	0.0	0.0	698
816	39	6.33	106	1.00	10568.0	0	1175.05	67.08	-293.36	-270.41	-285.58	-263.12	1.32	9.10	0.0	0.0	699
817	39	6.01	106	1.27	10535.0	0	1177.47	66.87	-292.44	-269.56	-285.07	-262.64	1.33	8.70	0.0	0.0	700
818	39	5.99	106	2.92	9632.0	0	1237.54	42.16	-286.36	-265.44	-285.98	-265.09	1.52	1.90	0.0	0.0	701
819	39	7.95	106	1.86	9647.0	0	1242.07	45.21	-283.81	-262.06	-282.83	-261.95	1.52	2.50	0.0	0.0	702
820	39	8.39	106	1.40	9706.0	0	1237.33	45.37	-285.07	-264.60	-285.38	-264.32	1.51	1.80	0.0	0.0	703
821	39	8.66	106	1.18	9719.0	0	1234.74	43.60	-287.88	-266.78	-287.79	-266.69	1.50	1.60	0.0	0.0	704
822	39	11.45	106	8.47	11589.0	0	1116.43	96.81	-298.45	-273.29	-293.39	-268.55	1.04	6.10	0.0	0.0	705
823	39	11.09	106	8.28	12479.0	0	1056.68	121.16	-304.46	-277.36	-293.01	-266.64	0.76	12.20	0.0	0.0	706
825	39	11.51	106	6.68	12810.0	0	1026.73	122.27	-314.91	-287.07	-289.95	-263.70	0.64	25.60	0.0	0.0	707
826	39	11.02	106	6.13	12146.0	0	1080.71	114.02	-306.24	-273.06	-289.40	-263.72	0.87	11.70	0.0	0.0	708
827	39	10.21	106	5.40	11668.0	0	1115.19	104.81	-293.14	-267.81	-285.36	-260.52	1.02	8.80	0.0	0.0	709
828	39	14.96	106	3.11	10191.0	0	1203.82	47.73	-299.85	-277.72	-298.55	-276.51	1.41	2.70	0.0	0.0	710
829	39	14.70	106	4.50	10651.0	0	1174.83	62.33	-300.94	-277.81	-299.34	-276.31	1.30	2.90	0.0	0.0	711
831	39	19.71	106	7.69	12033.0	0	1076.45	86.35	-324.06	-297.93	-316.66	-291.00	0.90	8.30	0.0	0.0	712
832	39	18.00	106	4.12	10463.0	0	1177.26	42.24	-314.62	-291.90	-311.06	-288.57	1.35	4.90	0.0	0.0	713
833	39	18.90	106	3.73	10484.0	0	1173.11	38.74	-318.84	-296.07	-313.68	-291.24	1.34	6.50	0.0	0.0	714
834	39	19.39	106	3.32	10518.0	0	1169.12	37.22	-321.92	-298.68	-315.25	-292.81	1.33	7.60	0.0	0.0	715
835	38	59.26	106	0.18	9248.0	0	1261.41	39.86	-275.56	-255.48	-275.55	-255.46	1.59	1.60	0.0	0.0	716
836	38	59.48	106	1.12	9489.0	0	1245.46	46.22	-277.41	-256.81	-276.96	-256.38	1.55	2.00	0.0	0.0	717
837	39	0.05	106	1.29	9761.0	0	1229.19	54.65	-278.25	-257.05	-277.45	-256.30	1.50	2.30	0.0	0.0	718
838	39	0.16	106	2.09	9786.0	0	1227.74	55.40	-278.37	-257.12	-277.16	-255.98	1.49	2.70	0.0	0.0	719
839	39	1.34	106	2.87	10358.0	0	1196.01	70.96	-280.61	-258.22	-278.69	-256.43	1.38	3.30	0.0	0.0	720
840	39	1.43	106	3.49	10339.0	0	1188.95	71.87	-282.47	-259.91	-279.83	-257.44	1.36	4.00	0.0	0.0	721
841	39	2.05	106	4.60	10548.0	0	1178.66	75.11	-284.64	-261.74	-282.17	-259.42	1.33	3.80	0.0	0.0	722

842	38	58.70	106	12.88	8563.0	0	1268.74	-16.34	-308.39	-289.80	-301.67	-283.50	1.67	8.40	0.0	0.0	723
843	38	59.38	106	13.89	8963.0	0	1248.32	-0.18	-305.88	-286.41	-301.10	-281.94	1.63	6.40	0.0	0.0	724
844	38	59.90	106	13.89	8807.0	0	1257.59	-6.33	-305.71	-287.58	-300.85	-282.10	1.65	7.50	0.0	0.0	725
845	39	0.66	106	14.39	8761.0	0	1259.96	-9.40	-308.21	-289.18	-302.56	-283.89	1.65	7.30	0.0	0.0	726
846	39	1.32	106	14.52	8803.0	0	1258.83	-7.56	-307.80	-288.68	-302.54	-283.76	1.65	6.90	0.0	0.0	727
847	39	3.30	106	16.22	9017.0	0	1248.40	-0.71	-308.25	-288.67	-305.37	-289.97	1.62	4.50	0.0	0.0	729
848	38	59.02	105	53.12	8963.0	0	1270.79	22.82	-282.88	-263.42	-283.91	-264.38	1.63	0.60	0.0	0.0	729
849	38	57.36	105	50.91	9050.0	0	1260.71	23.35	-285.31	-265.66	-286.33	-266.61	1.61	0.60	0.0	0.0	730
850	38	58.16	105	51.08	9030.0	0	1264.05	23.64	-284.35	-264.74	-285.36	-265.69	1.62	0.60	0.0	0.0	731
851	38	59.91	105	52.17	8914.0	0	1273.86	19.98	-284.05	-264.69	-285.08	-265.66	1.63	0.60	0.0	0.0	732
852	38	59.66	105	53.68	8963.0	0	1274.50	25.59	-280.11	-260.65	-281.14	-261.61	1.63	0.60	0.0	0.0	733
853	38	54.67	105	55.00	9140.0	0	1266.69	41.74	-269.99	-250.15	-270.90	-250.99	1.60	0.70	0.0	0.0	734
854	38	54.67	105	55.00	9179.0	0	1266.53	45.24	-267.82	-247.89	-268.62	-248.63	1.60	0.80	0.0	0.0	735
855	38	53.79	105	55.00	9158.0	0	1262.81	41.78	-270.91	-251.00	-271.70	-251.74	1.60	0.80	0.0	0.0	736
856	38	52.68	105	53.20	9212.0	0	1255.00	39.74	-274.45	-254.45	-275.34	-255.28	1.59	0.70	0.0	0.0	737
857	38	52.06	105	53.46	9242.0	0	1250.26	38.73	-276.49	-256.42	-277.37	-257.25	1.59	0.70	0.0	0.0	738
858	38	52.06	105	54.47	9307.0	0	1249.02	43.59	-273.84	-253.63	-274.51	-254.26	1.58	0.90	0.0	0.0	739
859	38	51.39	105	57.73	9143.0	0	1263.03	43.18	-268.65	-248.80	-267.36	-247.58	1.60	2.90	0.0	0.0	740
860	38	51.19	105	54.47	9350.0	0	1247.67	47.56	-271.34	-251.03	-271.81	-251.47	1.57	1.10	0.0	0.0	741
861	38	51.19	105	53.46	9300.0	0	1245.68	40.87	-276.32	-256.12	-277.10	-256.85	1.58	0.80	0.0	0.0	742
862	38	50.32	105	53.46	9367.0	0	1242.77	45.53	-273.94	-253.00	-274.61	-254.22	1.57	0.90	0.0	0.0	743
863	38	49.73	105	54.30	9592.0	0	1233.40	58.17	-268.98	-248.15	-269.11	-248.27	1.52	1.40	0.0	0.0	744
864	38	49.25	105	53.65	9670.0	0	1226.77	59.57	-270.24	-249.24	-270.36	-249.35	1.51	1.40	0.0	0.0	745
865	38	48.57	105	53.46	9617.0	0	1231.56	60.38	-267.62	-246.74	-268.05	-247.14	1.52	1.10	0.0	0.0	746
866	38	48.16	105	52.81	9525.0	0	1234.80	55.55	-269.31	-248.63	-269.85	-249.14	1.54	1.00	0.0	0.0	747
867	38	47.26	105	52.22	9368.0	0	1243.42	50.77	-268.74	-248.39	-269.50	-249.11	1.57	0.80	0.0	0.0	748
868	38	47.70	105	52.22	9436.0	0	1238.14	51.24	-270.59	-250.10	-271.35	-250.81	1.56	0.80	0.0	0.0	749
869	38	45.11	105	51.21	9152.0	0	1259.58	49.80	-262.34	-242.47	-263.04	-243.13	1.60	0.90	0.0	0.0	750
870	38	48.60	105	46.69	9356.0	0	1246.16	50.42	-268.68	-248.36	-269.45	-249.08	1.57	0.80	0.0	0.0	751
871	38	48.60	105	47.79	9363.0	0	1241.10	46.02	-273.32	-252.99	-274.09	-253.71	1.57	0.80	0.0	0.0	752
872	38	47.94	105	48.31	9549.0	0	1220.90	44.40	-281.28	-260.54	-281.92	-261.14	1.54	0.90	0.0	0.0	753
873	38	49.48	105	46.69	9364.0	0	1249.94	53.66	-265.72	-245.38	-266.48	-246.10	1.57	0.80	0.0	0.0	754
874	38	50.31	105	48.37	9259.0	0	1257.05	49.69	-266.11	-246.00	-266.99	-246.83	1.58	0.70	0.0	0.0	755
875	38	51.20	105	48.91	9210.0	0	1260.76	47.49	-266.64	-246.64	-267.53	-247.47	1.59	0.70	0.0	0.0	756
876	38	51.20	105	50.00	9178.0	0	1257.53	41.25	-271.78	-251.85	-272.78	-252.78	1.60	0.60	0.0	0.0	757
877	38	52.06	105	50.55	9158.0	0	1257.69	38.27	-274.08	-254.19	-275.08	-255.13	1.60	0.60	0.0	0.0	758
878	38	52.07	105	49.45	9147.0	0	1256.10	45.63	-266.34	-246.48	-267.55	-247.42	1.60	0.60	0.0	0.0	759
879	38	51.20	105	47.79	9325.0	0	1255.27	52.80	-265.25	-245.00	-266.02	-245.72	1.57	0.80	0.0	0.0	760
880	38	59.48	105	45.50	8867.0	0	1298.15	40.48	-261.94	-242.68	-262.80	-243.56	1.64	0.70	0.0	0.0	761
881	38	57.34	105	45.60	9234.0	0	1267.23	47.19	-267.75	-247.70	-268.64	-248.53	1.59	0.70	0.0	0.0	762
882	38	56.30	105	45.60	9211.0	0	1266.85	46.17	-267.98	-247.98	-268.77	-248.72	1.59	0.80	0.0	0.0	763
883	38	50.56	105	45.60	9246.0	0	1262.81	53.86	-261.49	-241.41	-262.20	-242.15	1.59	0.80	0.0	0.0	764
884	38	54.67	105	48.91	9051.0	0	1271.11	37.80	-270.90	-251.24	-271.91	-252.19	1.61	0.60	0.0	0.0	765
885	38	54.64	105	49.82	9053.0	0	1264.54	31.46	-277.31	-257.65	-278.32	-258.60	1.61	0.60	0.0	0.0	766
886	38	52.94	105	47.81	9172.0	0	1268.31	48.91	-263.92	-244.00	-264.81	-244.84	1.60	0.70	0.0	0.0	767
887	38	52.51	105	47.81	9261.0	0	1264.97	48.92	-264.89	-244.91	-265.78	-245.75	1.59	0.70	0.0	0.0	768
888	38	52.99	105	47.81	9262.0	0	1261.41	51.71	-264.13	-244.07	-264.97	-244.80	1.58	0.80	0.0	0.0	769
889	38	47.69	105	56.88	9342.0	0	1246.65	50.93	-267.69	-247.41	-267.77	-247.47	1.57	1.50	0.0	0.0	770
890	38	48.41	105	56.22	9571.0	0	1234.47	59.20	-267.23	-246.45	-267.56	-246.76	1.53	1.20	0.0	0.0	771
891	38	45.28	105	56.11	9633.0	0	1227.95	61.63	-266.91	-245.99	-267.23	-246.30	1.52	1.20	0.0	0.0	772
892	39	8.18	106	9.81	13585.0	0	973.61	146.21	-317.13	-287.63	-293.19	-265.21	0.36	24.30	0.0	0.0	773
893	39	8.31	106	9.25	13260.0	0	999.52	141.42	-310.84	-282.04	-291.62	-264.05	0.48	19.70	0.0	0.0	774
894	39	7.54	106	9.08	12825.0	0	1030.50	132.69	-304.73	-276.88	-291.36	-264.36	0.64	14.00	0.0	0.0	775
895	39	7.04	106	8.77	12810.0	0	1029.74	131.26	-305.65	-277.83	-288.99	-262.23	0.64	17.30	0.0	0.0	776
896	39	6.25	106	8.09	12251.0	0	1067.83	118.02	-299.81	-273.21	-288.15	-262.29	0.83	12.50	0.0	0.0	777
897	39	5.63	106	7.64	11956.0	0	1085.02	108.43	-299.35	-273.39	-287.28	-262.08	0.93	13.00	0.0	0.0	778
898	39	4.59	106	6.92	10963.0	0	1151.02	82.71	-291.20	-267.39	-285.02	-261.61	1.22	7.40	0.0	0.0	779
899	39	10.66	106	4.60	11073.0	0	1137.77	59.07	-318.60	-294.55	-314.19	-290.42	1.19	5.60	0.0	0.0	780
900	39	20.64	106	4.69	11664.0	0	1099.73	73.61	-324.21	-298.88	-318.53	-293.56	1.02	6.70	0.0	0.0	781
901	39	22.33	106	3.41	11110.0	0	1135.50	54.86	-324.06	-299.94	-320.24	-296.36	1.18	5.00	0.0	0.0	782
902	39	22.91	106	3.78	10859.0	0	1153.61	43.85	-324.81	-301.34	-319.57	-296.43	1.26	6.50	0.0	0.0	783

903	39	23.08	106	4.28	10951.0	0	1141.86	45.18	-328.32	-304.54	-321.64	-298.29	1.22	7.90	0.0	0.0	784
904	39	23.14	106	6.10	11708.0	0	1094.99	69.31	-330.01	-304.58	-320.51	-295.69	1.00	10.50	0.0	0.0	785
905	39	23.19	106	5.46	11382.0	0	1113.84	57.47	-330.73	-306.01	-321.03	-296.93	1.10	10.80	0.0	0.0	786
906	39	24.12	106	3.00	10206.0	0	1188.30	27.63	-323.19	-300.85	-316.58	-294.66	1.39	8.00	0.0	0.0	787
907	39	27.90	106	1.86	9845.0	0	1226.28	18.62	-317.16	-275.79	-314.24	-293.05	1.48	4.40	0.0	0.0	788
908	39	26.12	106	3.23	10500.0	0	1178.98	35.46	-322.66	-299.86	-318.40	-295.87	1.34	5.60	0.0	0.0	789
909	39	15.06	106	19.35	9877.0	0	1194.07	8.34	-328.53	-307.08	-328.10	-306.68	1.47	1.90	0.0	0.0	790
910	39	15.20	106	20.30	9890.0	0	1192.99	8.28	-329.03	-307.56	-326.51	-307.06	1.47	2.00	0.0	0.0	791
911	39	15.88	106	20.48	9776.0	0	1202.58	6.16	-327.27	-306.04	-326.76	-305.56	1.49	2.00	0.0	0.0	792
912	39	16.20	106	21.02	9906.0	0	1196.33	11.65	-326.21	-304.70	-325.73	-304.30	1.47	1.90	0.0	0.0	793
913	39	17.29	106	21.92	9881.0	0	1207.75	19.11	-317.89	-296.44	-316.37	-295.01	1.47	3.00	0.0	0.0	794
914	39	18.13	106	22.11	10176.0	0	1193.76	31.79	-315.27	-293.18	-313.39	-291.41	1.41	3.30	0.0	0.0	795
915	39	17.59	106	19.55	9905.0	0	1203.39	16.56	-321.26	-294.75	-320.13	-298.69	1.47	2.60	0.0	0.0	796
916	39	17.98	106	19.49	9951.0	0	1202.42	19.34	-320.05	-298.44	-318.81	-297.28	1.46	2.70	0.0	0.0	797
917	39	20.36	106	17.72	10534.0	0	1175.53	43.70	-315.58	-292.70	-312.31	-289.64	1.33	4.60	0.0	0.0	798
918	39	18.86	106	20.92	10100.0	0	1199.78	29.40	-315.08	-293.14	-313.81	-291.95	1.43	2.70	0.0	0.0	799
919	39	16.05	106	18.23	10206.0	0	1182.86	26.58	-321.51	-299.35	-320.42	-298.33	1.40	2.50	0.0	0.0	800
920	39	16.68	106	18.95	10276.0	0	1179.41	28.77	-321.71	-299.39	-319.70	-297.51	1.39	3.40	0.0	0.0	801
921	39	17.50	106	17.89	10973.0	0	1139.71	53.32	-320.93	-297.10	-317.74	-294.12	1.22	4.40	0.0	0.0	802
922	39	15.17	106	16.61	10344.0	0	1173.97	31.94	-320.85	-298.39	-319.43	-297.06	1.37	2.80	0.0	0.0	803
923	39	15.42	106	15.88	10568.0	0	1161.36	40.00	-320.43	-297.49	-318.66	-295.82	1.32	3.10	0.0	0.0	804
8924	39	29.68	106	22.01	8764.0	0	1322.61	10.77	-288.14	-269.10	-281.19	-262.60	1.65	8.60	0.0	0.0	805
925	39	23.79	106	16.27	11797.0	0	1105.93	83.89	-317.10	-291.57	-311.29	-286.13	0.99	6.80	0.0	0.0	806
926	39	23.73	106	15.80	12118.0	0	1085.56	97.51	-315.79	-289.48	-309.77	-280.09	0.89	10.90	0.0	0.0	807
927	39	23.21	106	15.23	12179.0	0	1079.80	98.25	-317.14	-290.69	-307.89	-282.04	0.86	10.10	0.0	0.0	808
928	39	22.21	106	15.60	12721.0	0	1037.99	108.80	-325.07	-297.44	-309.84	-283.19	0.67	15.90	0.0	0.0	809
929	39	21.18	106	16.70	11405.0	0	1126.34	75.10	-313.89	-289.12	-310.78	-284.21	1.10	4.20	0.0	0.0	810
930	39	20.99	106	17.00	11754.0	0	1191.24	83.05	-317.84	-292.31	-310.73	-285.66	0.99	8.10	0.0	0.0	811
931	39	23.12	106	17.30	11776.0	0	1109.80	90.54	-311.10	-285.53	-302.09	-277.09	0.93	10.00	0.0	0.0	812
932	39	22.94	106	18.37	10870.0	0	1166.10	62.02	-308.72	-285.11	-304.56	-281.22	1.24	5.40	0.0	0.0	813
933	39	21.02	106	21.90	10616.0	0	1176.39	51.29	-310.79	-287.73	-309.60	-286.62	1.31	2.50	0.0	0.0	814
934	39	18.47	106	3.29	11473.0	0	1114.28	73.42	-317.89	-292.07	-311.66	-287.14	1.09	7.30	0.0	0.0	815
935	39	18.65	106	2.55	11676.0	0	1104.69	82.63	-315.60	-290.25	-310.11	-285.11	1.01	6.50	0.0	0.0	816
936	39	19.18	106	2.28	11864.0	0	1091.76	86.57	-318.07	-292.31	-312.33	-286.93	0.96	6.70	0.0	0.0	817
937	39	19.40	106	2.02	11803.0	0	1095.74	84.50	-318.06	-292.43	-313.34	-286.91	0.98	5.70	0.0	0.0	818
938	39	20.19	106	2.30	12041.0	0	1080.55	90.49	-320.19	-294.04	-312.39	-286.74	0.90	8.70	0.0	0.0	819
939	39	20.90	106	1.19	12060.0	0	1082.65	92.33	-318.00	-291.81	-311.89	-286.09	0.89	7.00	0.0	0.0	820
940	39	20.80	106	2.07	12425.0	0	1055.01	100.11	-323.67	-296.68	-313.54	-287.20	0.77	10.90	0.0	0.0	821
941	39	17.48	106	2.95	11173.0	0	1135.50	67.93	-313.15	-288.68	-308.31	-284.35	1.16	6.00	0.0	0.0	822
942	39	17.50	106	2.30	11452.0	0	1120.26	78.06	-311.73	-286.86	-306.51	-281.98	1.08	6.30	0.0	0.0	823
943	39	17.36	106	2.05	11470.0	0	1118.59	79.08	-312.12	-287.21	-306.89	-282.32	1.08	6.30	0.0	0.0	824
944	39	17.13	106	1.98	11437.0	0	1122.79	80.52	-309.55	-284.72	-303.24	-276.80	1.09	7.40	0.0	0.0	825
945	39	17.89	106	2.22	11262.0	0	1132.92	73.10	-311.21	-286.55	-308.74	-284.43	1.14	3.40	0.0	0.0	826
946	39	18.20	106	1.79	11007.0	0	1147.89	63.67	-311.74	-287.84	-309.15	-285.41	1.21	3.80	0.0	0.0	827
947	39	17.73	106	1.49	11028.0	0	1148.86	67.30	-308.83	-284.88	-306.53	-282.73	1.20	3.50	0.0	0.0	828
948	39	15.87	106	1.81	10740.0	0	1170.95	65.08	-301.22	-277.90	-298.80	-275.63	1.23	3.70	0.0	0.0	829
949	39	17.63	106	3.90	10382.0	0	1182.59	40.51	-313.59	-291.04	-310.55	-286.20	1.36	4.40	0.0	0.0	830
950	39	18.63	106	3.60	10468.0	0	1173.54	38.06	-316.97	-296.27	-313.71	-291.31	1.34	6.60	0.0	0.0	831
951	39	19.90	106	3.10	10300.0	0	1147.46	48.80	-322.28	-298.65	-317.12	-293.82	1.24	6.40	0.0	0.0	832
952	39	20.60	106	3.19	11101.0	0	1134.53	55.60	-323.02	-298.91	-318.30	-294.50	1.18	5.90	0.0	0.0	833
953	39	21.21	106	3.35	11321.0	0	1121.60	62.43	-323.69	-299.11	-319.21	-294.91	1.12	5.60	0.0	0.0	834
954	39	11.09	106	25.62	11216.0	0	1118.91	64.79	-317.75	-293.39	-312.50	-286.48	1.15	6.40	0.0	0.0	835
955	39	10.19	106	27.37	13639.0	0	954.70	129.41	-335.77	-306.15	-302.11	-274.64	0.34	34.00	0.0	0.0	836
956	39	10.73	106	28.09	14132.0	0	921.45	141.65	-340.35	-309.66	-306.81	-278.26	0.16	33.70	0.0	0.0	837
957	39	11.22	106	28.50	14418.0	0	904.11	150.43	-341.32	-310.01	-308.07	-277.01	0.05	35.30	0.0	0.0	838
958	39	13.50	106	25.48	10282.0	0	1181.00	35.69	-314.99	-292.66	-311.68	-289.56	1.39	4.70	0.0	0.0	839
959	39	15.41	106	10.86	13577.0	0	972.20	133.43	-329.67	-300.18	-308.13	-280.02	0.37	21.90	0.0	0.0	840
960	39	14.88	106	10.82	13383.0	0	988.53	132.30	-324.15	-295.09	-306.99	-279.02	0.44	17.60	0.0	0.0	841
961	39	14.39	106	10.95	13885.0	0	950.55	142.17	-331.40	-301.25	-303.26	-274.90	0.25	28.40	0.0	0.0	842
962	39	14.63	106	11.67	13047.0	0	1009.84	121.43	-323.56	-295.22	-308.31	-280.95	0.56	15.80	0.0	0.0	843
963	39	14.32	106	12.10	12947.0	0	1010.10	113.85	-327.73	-297.61	-309.22	-282.29	0.59	19.10	0.0	0.0	844

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964	39	14.33	106	12.80	11991.0	0	1077.75	91.63	-317.34	-291.30	-312.65	-286.91	0.92	5.60	0.0	0.0	845
965	39	14.25	106	13.16	12315.0	0	1053.18	97.60	-322.42	-295.63	-312.53	-286.42	0.81	10.70	0.0	0.0	846
966	39	18.01	106	10.91	13780.0	0	950.76	127.18	-342.80	-312.08	-312.80	-284.78	0.29	30.30	0.0	0.0	847
967	39	12.71	106	18.98	9900.0	0	1188.35	8.15	-329.51	-308.01	-328.98	-307.51	1.47	2.00	0.0	0.0	848
968	39	11.50	106	18.69	9615.0	0	1203.76	-1.33	-329.27	-308.39	-327.79	-307.01	1.52	3.00	0.0	0.0	849
969	39	12.70	106	18.41	9480.0	0	1212.49	-4.10	-327.43	-306.85	-325.48	-305.02	1.55	3.50	0.0	0.0	850
970	39	11.75	106	21.68	9518.0	0	1201.18	-13.39	-338.02	-317.35	-337.16	-316.55	1.54	2.40	0.0	0.0	851
971	39	10.30	106	21.85	9644.0	0	1193.58	-7.02	-335.94	-315.00	-334.86	-313.99	1.52	2.60	0.0	0.0	852
972	39	8.93	106	22.38	9828.0	0	1183.67	2.37	-332.83	-311.49	-331.21	-309.97	1.48	3.10	0.0	0.0	853
973	39	8.68	106	23.18	10036.0	0	1174.29	1.90	-329.40	-307.60	-327.04	-305.40	1.44	3.80	0.0	0.0	854
974	39	8.53	106	23.84	10063.0	0	1177.04	18.40	-324.81	-302.96	-321.05	-299.44	1.44	5.20	0.0	0.0	855
975	37	12.73	106	10.72	13135.0	0	1010.40	134.05	-313.94	-302.06	-302.06	-274.30	0.53	12.40	0.0	0.0	856
976	39	13.38	106	10.25	14037.0	0	942.52	147.03	-330.65	-300.24	-304.26	-275.52	0.21	26.60	0.0	0.0	857
977	37	13.76	106	10.03	13763.0	0	967.57	148.66	-320.75	-299.86	-302.54	-273.82	0.30	18.50	0.0	0.0	858
978	39	14.08	106	10.05	13951.0	0	948.93	147.20	-328.62	-298.33	-302.95	-274.29	0.23	25.90	0.0	0.0	859
979	39	14.19	106	9.31	13313.0	0	1001.84	140.05	-314.01	-285.10	-299.87	-271.86	0.46	14.60	0.0	0.0	860
980	39	1.78	106	28.39	14340.0	0	869.41	122.30	-366.78	-335.64	-325.07	-296.58	0.08	41.80	0.0	0.0	861
981	39	3.15	106	29.33	11665.0	0	1056.90	56.63	-341.22	-315.89	-332.14	-307.39	1.02	10.10	0.0	0.0	862
982	39	29.72	106	1.73	10472.0	0	1193.20	41.74	-315.43	-292.69	-311.07	-288.61	1.34	5.70	0.0	0.0	863
983	39	29.67	106	0.98	10641.0	0	1181.24	45.72	-317.20	-294.10	-313.51	-290.63	1.30	5.00	0.0	0.0	864
984	39	29.45	106	0.71	10682.0	0	1180.49	49.15	-315.18	-291.98	-311.67	-288.69	1.29	4.80	0.0	0.0	865
985	37	28.40	106	2.32	9693.0	0	1235.07	12.39	-318.21	-297.16	-315.31	-294.45	1.51	4.40	0.0	0.0	866
986	39	28.90	106	2.70	9578.0	0	1242.39	8.17	-318.50	-297.79	-315.63	-295.92	1.53	4.40	0.0	0.0	867
987	39	29.40	106	2.98	9785.0	0	1231.62	16.11	-317.63	-296.38	-314.92	-293.84	1.49	4.20	0.0	0.0	868
988	39	29.42	106	3.37	9847.0	0	1229.25	19.53	-316.32	-294.94	-313.80	-292.58	1.48	4.00	0.0	0.0	869
989	39	29.62	106	2.91	9480.0	0	1251.98	7.49	-315.84	-295.25	-312.89	-292.49	1.55	4.50	0.0	0.0	870
990	39	28.42	106	2.02	10171.0	0	1205.65	27.84	-319.06	-296.97	-315.27	-293.43	1.41	5.20	0.0	0.0	871
991	39	28.03	106	1.13	10231.0	0	1205.87	34.27	-314.68	-292.46	-312.08	-290.02	1.40	4.00	0.0	0.0	872
992	39	28.40	106	1.29	10482.0	0	1190.51	41.94	-315.57	-292.81	-311.91	-289.38	1.34	5.00	0.0	0.0	873
993	39	28.29	106	0.99	10990.0	0	1164.06	63.36	-311.47	-287.61	-307.59	-283.97	1.21	5.10	0.0	0.0	874
994	39	27.28	106	1.02	10870.0	0	1163.25	52.77	-317.97	-294.36	-312.91	-289.63	1.24	6.30	0.0	0.0	875
995	37	26.72	106	0.35	10689.0	0	1176.13	49.48	-319.09	-291.88	-311.48	-288.50	1.29	4.90	0.0	0.0	876
996	39	26.17	106	2.60	9982.0	0	1209.90	17.65	-322.80	-301.12	-316.95	-295.65	1.45	7.30	0.0	0.0	877
997	39	25.33	106	2.64	10119.0	0	1200.27	22.06	-323.06	-301.09	-316.79	-295.21	1.42	7.70	0.0	0.0	878
998	39	20.40	106	8.36	14142.0	0	922.37	129.25	-353.08	-322.37	-317.34	-288.90	0.16	35.90	0.0	0.0	879
999	39	20.78	106	7.09	14236.0	0	922.53	137.86	-347.74	-316.83	-317.07	-288.10	0.12	30.80	0.0	0.0	880
1000	39	21.10	106	6.63	14284.0	0	915.10	134.28	-352.90	-321.88	-318.10	-289.30	0.10	34.90	0.0	0.0	881
1001	39	20.14	106	6.42	14169.0	0	930.45	140.25	-343.01	-312.24	-315.65	-286.63	0.15	27.50	0.0	0.0	882
1002	39	19.40	106	6.38	13924.0	0	944.40	132.29	-342.61	-312.37	-313.14	-284.78	0.24	29.70	0.0	0.0	883
1003	39	3.00	106	16.87	9198.0	0	1235.34	3.59	-310.12	-290.15	-308.32	-288.46	1.59	3.40	0.0	0.0	884
1004	39	3.39	106	18.09	9428.0	0	1215.13	4.41	-317.15	-296.67	-314.30	-294.01	1.56	4.40	0.0	0.0	885
1005	39	2.54	106	21.58	12600.0	0	1005.12	93.54	-338.20	-308.84	-316.51	-290.40	0.71	20.40	0.0	0.0	886
1006	39	1.40	106	21.00	12580.0	0	1011.27	99.49	-329.57	-302.25	-313.29	-287.01	0.72	17.00	0.0	0.0	887
1007	39	1.29	106	22.22	13133.0	0	968.86	109.17	-338.78	-310.24	-318.08	-290.88	0.53	21.20	0.0	0.0	888
1008	39	1.06	106	23.65	13461.0	0	937.89	109.33	-349.78	-320.55	-323.99	-295.40	0.41	26.20	0.0	0.0	889
1009	39	0.89	106	28.21	13686.0	0	919.24	112.05	-354.73	-325.01	-329.16	-301.07	0.33	25.90	0.0	0.0	890
1010	39	0.70	106	27.22	13606.0	0	920.48	106.06	-357.99	-328.45	-331.05	-303.22	0.36	27.30	0.0	0.0	891
1011	39	18.21	106	12.93	10673.0	0	1157.05	41.44	-322.58	-299.40	-317.47	-294.62	1.29	6.40	0.0	0.0	892
1012	39	22.10	106	27.87	10043.0	0	1222.94	42.43	-300.10	-278.29	-291.74	-270.47	1.44	9.80	0.0	0.0	893
1013	39	21.40	106	28.12	10045.0	0	1218.74	39.45	-303.15	-281.34	-292.49	-271.36	1.44	12.10	0.0	0.0	894
1014	39	19.42	106	29.42	10976.0	0	1170.95	72.62	-298.32	-274.70	-292.76	-269.50	1.24	6.80	0.0	0.0	895
1015	39	19.19	106	29.71	10876.0	0	1168.74	70.75	-300.19	-276.57	-293.13	-269.96	1.24	8.30	0.0	0.0	896
1016	39	19.72	106	29.30	10791.0	0	1176.23	69.48	-298.56	-275.13	-292.13	-269.11	1.26	7.70	0.0	0.0	897
1017	39	20.90	106	29.05	10611.0	0	1185.18	61.11	-300.79	-277.75	-293.30	-270.74	1.31	8.80	0.0	0.0	898
1018	39	22.05	106	24.84	13211.0	0	1010.24	127.29	-323.29	-294.60	-293.79	-266.98	0.50	30.00	0.0	0.0	899
1019	39	21.42	106	25.78	13094.0	0	1020.15	127.14	-319.45	-291.01	-293.39	-266.61	0.54	26.60	0.0	0.0	900
1020	39	20.89	106	26.01	13079.0	0	1020.75	127.12	-318.95	-290.56	-293.51	-266.73	0.55	26.00	0.0	0.0	901
1021	39	20.22	106	25.20	12762.0	0	1042.67	120.26	-315.00	-287.29	-295.86	-269.37	0.66	19.80	0.0	0.0	902
1022	39	20.15	106	24.22	11893.0	0	1096.23	92.33	-313.30	-287.47	-303.24	-278.06	0.95	11.00	0.0	0.0	903
1023	39	20.30	106	23.47	11399.0	0	1129.31	78.80	-309.98	-285.22	-303.97	-279.60	1.10	7.10	0.0	0.0	904
1024	39	20.78	106	23.71	11248.0	0	1142.67	77.28	-306.36	-281.93	-303.80	-279.53	1.14	3.70	0.0	0.0	905

1025	39	20.88	106	23.31	11189.0	0	1144.88	73.80	-307.82	-283.52	-305.08	-280.96	1.16	3.90	0.0	0.0	906
1026	39	16.54	106	24.30	9818.0	0	1212.33	18.88	-315.98	-294.66	-311.25	-290.24	1.49	6.20	0.0	0.0	907
1027	39	16.55	106	24.94	9812.0	0	113.52	19.49	-315.16	-293.85	-310.75	-289.07	1.49	6.60	0.0	0.0	908
1028	39	15.13	106	26.00	11915.0	0	1084.37	89.94	-316.44	-290.57	-306.48	-281.24	0.94	10.90	0.0	0.0	909
1029	39	15.08	106	26.45	11709.0	0	1099.08	85.38	-313.98	-288.55	-307.58	-282.56	1.00	7.40	0.0	0.0	910
1030	39	15.64	106	24.90	11300.0	0	1119.88	66.94	-318.46	-293.92	-310.89	-286.83	1.13	8.70	0.0	0.0	911
1031	39	15.43	106	24.39	11052.0	0	1138.14	62.22	-314.72	-290.72	-310.22	-286.50	1.20	5.70	0.0	0.0	912
1032	39	15.50	106	23.97	11015.0	0	1139.33	59.84	-315.05	-291.93	-310.45	-286.38	1.21	6.60	0.0	0.0	913
1033	39	21.67	106	19.04	10561.0	0	1180.92	49.69	-310.51	-287.57	-309.23	-286.38	1.32	2.60	0.0	0.0	914
1034	39	21.52	106	20.10	10890.0	0	1160.61	60.50	-310.92	-287.27	-307.26	-283.84	1.24	4.90	0.0	0.0	915
1035	39	26.95	106	22.02	10348.0	0	1223.30	64.29	-288.65	-266.18	-223.93	-261.76	1.37	6.10	0.0	0.0	916
1036	39	23.54	106	23.04	11961.0	0	1107.60	105.09	-302.86	-276.89	-293.59	-268.20	0.93	10.20	0.0	0.0	917
1037	39	22.86	106	23.95	12683.0	0	1053.93	120.21	-312.36	-284.82	-293.65	-267.30	0.69	19.40	0.0	0.0	918
1038	39	22.40	106	24.46	12842.0	0	1042.62	124.51	-313.49	-285.60	-293.02	-266.43	0.63	21.10	0.0	0.0	919
1039	39	22.77	106	23.51	12562.0	0	1059.16	114.22	-314.23	-286.95	-297.46	-271.25	0.73	17.50	0.0	0.0	920
1040	39	4.93	106	32.27	10463.0	0	1148.70	32.97	-323.88	-301.16	-314.03	-291.93	1.35	11.20	0.0	0.0	921
1041	39	5.35	106	32.50	10582.0	0	1143.80	38.59	-322.33	-299.35	-312.44	-290.09	1.32	11.20	0.0	0.0	922
1042	39	6.26	106	32.65	10704.0	0	1139.60	44.51	-320.57	-297.33	-309.96	-287.39	1.29	11.90	0.0	0.0	923
1043	39	6.96	106	32.20	10760.0	0	1135.83	44.97	-322.02	-298.65	-308.89	-286.36	1.27	14.40	0.0	0.0	924
1044	39	5.94	106	34.43	11480.0	0	1096.34	74.59	-316.95	-292.02	-312.12	-287.50	1.07	5.90	0.0	0.0	925
1045	39	6.32	106	33.15	11852.0	0	1073.87	86.50	-317.73	-292.00	-310.49	-285.22	0.96	8.20	0.0	0.0	926
1046	39	6.39	106	33.75	12120.0	0	1060.51	98.20	-315.17	-289.85	-309.65	-283.68	0.87	6.40	0.0	0.0	927
1047	39	6.57	106	34.44	11922.0	0	1073.76	92.59	-314.03	-288.14	-309.47	-283.87	0.94	5.50	0.0	0.0	928
1048	39	7.28	106	34.47	11635.0	0	1092.73	83.57	-313.26	-289.00	-305.89	-281.09	1.03	8.40	0.0	0.0	929
1049	39	7.48	106	34.86	11482.0	0	1102.69	79.43	-312.39	-287.44	-305.76	-281.23	1.07	7.70	0.0	0.0	930
1050	39	6.45	106	35.60	11067.0	0	1122.90	61.62	-315.84	-291.81	-310.43	-286.74	1.19	6.60	0.0	0.0	931
1051	39	7.31	106	37.61	10434.0	0	1163.63	46.33	-311.24	-288.48	-303.98	-281.68	1.34	8.60	0.0	0.0	932
1052	39	9.09	106	25.71	10093.0	0	1177.53	20.88	-323.35	-301.44	-313.08	-291.62	1.43	11.70	0.0	0.0	933
1053	39	9.07	106	26.39	10117.0	0	1174.46	20.10	-324.96	-302.99	-309.98	-288.97	1.42	16.40	0.0	0.0	934
1054	39	9.19	106	27.84	10531.0	0	1158.15	40.60	-318.58	-295.71	-307.41	-285.25	1.33	12.50	0.0	0.0	935
1055	39	9.03	106	28.83	11058.0	0	1128.34	62.42	-314.73	-290.72	-302.93	-279.67	1.19	13.00	0.0	0.0	936
1056	39	8.67	106	29.37	11297.0	0	1113.68	70.73	-314.57	-290.04	-305.50	-281.54	1.13	10.20	0.0	0.0	937
1057	39	8.39	106	29.69	11334.0	0	1109.70	70.64	-315.93	-291.31	-306.84	-282.81	1.12	10.20	0.0	0.0	938
1058	39	9.10	106	24.52	10046.0	0	1182.11	20.92	-321.72	-299.90	-317.06	-295.54	1.44	6.10	0.0	0.0	939
1059	39	10.29	106	23.31	9891.0	0	1186.69	9.30	-328.04	-306.56	-326.21	-304.85	1.47	3.30	0.0	0.0	940
1060	39	11.38	106	23.75	9719.0	0	1200.26	5.11	-326.37	-305.26	-323.87	-302.93	1.50	4.00	0.0	0.0	941
1061	39	10.52	106	23.98	9961.0	0	1108.25	17.10	-322.63	-301.00	-319.99	-298.53	1.46	4.10	0.0	0.0	942
1062	39	10.82	106	17.78	9585.0	0	1209.74	2.83	-324.08	-303.27	-322.31	-301.61	1.53	3.30	0.0	0.0	943
1063	39	11.47	106	17.18	9902.0	0	1195.79	17.70	-320.92	-298.52	-318.29	-296.90	1.47	3.20	0.0	0.0	944
1064	39	11.65	106	16.20	10074.0	0	1187.01	24.81	-318.78	-296.90	-316.61	-294.87	1.43	3.60	0.0	0.0	945
1065	39	9.91	106	18.60	9433.0	0	1216.48	-3.37	-325.09	-304.61	-323.85	-303.44	1.56	2.80	0.0	0.0	946
1066	39	10.50	106	16.70	10062.0	0	1184.96	23.33	-319.85	-298.00	-318.49	-296.73	1.44	2.80	0.0	0.0	947
1067	39	10.86	106	15.69	10493.0	0	1165.84	44.16	-313.72	-290.94	-311.65	-289.01	1.34	3.40	0.0	0.0	948
1068	39	17.75	106	20.42	10865.0	0	1166.00	69.10	-301.47	-277.87	-297.91	-276.54	1.25	4.80	0.0	0.0	949
1069	39	18.13	106	28.70	10865.0	0	1165.57	68.11	-302.45	-278.86	-295.70	-272.54	1.25	8.00	0.0	0.0	950
1071	39	19.28	106	28.45	12782.0	0	1040.90	121.76	-314.19	-286.43	-292.84	-266.45	0.65	22.00	0.0	0.0	951
1072	39	19.67	106	28.13	12335.0	0	1073.33	111.64	-309.06	-282.28	-296.57	-270.58	0.80	13.30	0.0	0.0	952
1073	39	20.16	106	27.84	12459.0	0	1058.62	107.65	-317.08	-290.02	-295.64	-269.95	0.76	22.20	0.0	0.0	953
1074	39	20.62	106	27.81	11969.0	0	1092.24	94.79	-313.44	-287.44	-297.66	-272.67	0.92	16.70	0.0	0.0	954
1075	39	21.66	106	27.51	11180.0	0	1152.04	78.96	-302.35	-278.07	-292.31	-268.67	1.16	11.20	0.0	0.0	955
1076	39	11.59	106	24.91	9636.0	0	1283.72	50.98	-277.67	-256.75	-274.39	-253.68	1.52	4.80	0.0	0.0	956
1077	39	11.42	106	25.21	9952.0	0	1265.24	62.43	-277.00	-255.39	-273.86	-252.45	1.46	4.60	0.0	0.0	957
1078	39	31.13	106	25.66	10314.0	0	1244.76	76.38	-275.40	-253.00	-272.48	-250.27	1.33	4.30	0.0	0.0	958
1079	39	20.03	106	25.99	10361.0	0	1240.99	78.65	-274.73	-252.23	-270.80	-248.55	1.37	5.30	0.0	0.0	959
1080	39	29.44	106	25.95	10559.0	0	1226.23	84.20	-276.24	-253.29	-270.96	-248.35	1.32	6.60	0.0	0.0	960
1081	39	23.15	106	26.10	10889.0	0	1204.52	93.06	-278.32	-254.68	-271.16	-247.97	1.24	8.40	0.0	0.0	961
1082	39	21.80	106	26.19	10992.0	0	1192.38	97.11	-277.79	-253.92	-270.90	-247.47	1.21	8.10	0.0	0.0	962
1083	39	28.22	106	26.57	11289.0	0	1179.63	107.11	-277.92	-253.40	-269.95	-245.94	1.13	9.10	0.0	0.0	963
1084	39	28.00	106	26.48	11255.0	0	1181.73	106.34	-277.53	-253.09	-270.17	-246.19	1.14	8.50	0.0	0.0	964
1085	39	30.50	106	22.48	8597.0	0	1333.07	4.33	-298.88	-270.21	-281.35	-263.16	1.57	9.20	0.0	0.0	965
1086	39	31.34	106	23.48	9155.0	0	1304.46	26.90	-285.34	-265.46	-280.24	-260.69	1.60	6.70	0.0	0.0	966

1087	39	34.81	106	25.07	7889.0	0	1388.24	-13.37	-282.44	-265.31	-272.77	-256.25	1.73	11.40	0.0	0.0	967
1088	39	35.68	106	25.83	7816.0	0	1395.24	-14.52	-281.09	-264.12	-273.12	-256.66	1.73	9.70	0.0	0.0	968
1089	39	27.51	106	13.58	12112.0	0	1099.60	-105.49	-307.61	-201.31	-302.59	-276.60	0.88	5.90	0.0	0.0	969
1090	39	27.63	106	13.00	12660.0	0	1064.12	115.57	-314.17	-288.81	-302.38	-275.77	0.71	12.50	0.0	0.0	970
1091	39	27.47	106	12.74	12676.0	0	1054.37	113.19	-319.14	-291.61	-305.53	-278.87	0.69	14.30	0.0	0.0	971
1092	39	27.37	106	12.14	12809.0	0	1044.45	115.91	-320.96	-293.15	-305.80	-278.95	0.64	15.80	0.0	0.0	972
1093	39	27.29	106	11.78	13201.0	0	1007.98	116.36	-333.88	-305.21	-309.28	-282.18	0.50	25.10	0.0	0.0	973
1096	39	26.78	106	11.50	12640.0	0	1049.09	105.55	-325.55	-298.10	-309.45	-283.03	0.70	16.80	0.0	0.0	974
1097	39	26.80	106	11.19	12303.0	0	1074.52	99.31	-320.30	-293.58	-309.52	-283.49	0.81	11.60	0.0	0.0	975
1098	39	26.72	106	10.93	12035.0	0	1092.08	91.74	-318.74	-292.60	-310.04	-284.46	0.90	9.60	0.0	0.0	976
1099	38	49.65	106	24.49	12126.0	0	1045.69	108.56	-305.02	-278.69	-299.89	-273.88	0.67	5.00	0.0	0.0	977
1100	38	50.64	106	26.61	10732.0	0	1128.01	58.51	-307.52	-284.21	-304.40	-281.29	1.28	4.40	0.0	0.0	978
1101	38	45.88	106	29.04	10057.0	0	1161.26	35.36	-307.65	-285.81	-305.29	-283.60	1.44	3.80	0.0	0.0	979
1102	38	46.45	106	29.05	9966.0	0	1163.73	28.44	-311.46	-289.82	-309.42	-287.91	1.46	3.50	0.0	0.0	980
1103	38	47.04	106	29.09	9867.0	0	1171.06	25.61	-310.92	-289.49	-308.80	-287.51	1.48	3.60	0.0	0.0	981
1104	38	48.40	106	29.4	9668.0	0	1191.43	25.29	-304.45	-283.46	-302.37	-281.50	1.31	3.60	0.0	0.0	982
1113	39	25.34	106	28.91	11325.0	0	1168.58	103.69	-282.57	-257.97	-275.99	-251.81	1.12	7.70	0.0	0.0	983
1114	39	26.20	106	28.83	12130.0	0	1123.33	132.76	-280.95	-254.61	-272.42	-246.62	0.87	9.40	0.0	0.0	984
1115	39	26.47	106	28.75	12285.0	0	1114.55	138.14	-280.86	-254.18	-272.08	-245.96	0.82	9.60	0.0	0.0	985
1116	39	26.41	106	28.60	12590.0	0	1097.36	149.67	-279.73	-252.39	-270.14	-243.41	0.72	10.30	0.0	0.0	986
1117	39	25.94	106	28.33	13290.0	0	1037.02	155.75	-297.53	-268.67	-270.90	-243.73	0.47	27.10	0.0	0.0	987
1118	39	25.97	106	28.06	13272.0	0	1033.46	150.45	-302.21	-273.39	-274.09	-247.06	0.48	28.60	0.0	0.0	988
1119	39	26.34	106	27.50	12730.0	0	1071.32	137.38	-296.79	-269.15	-276.16	-249.83	0.67	21.30	0.0	0.0	989
1120	39	27.08	106	26.61	12259.0	0	1109.91	130.16	-297.95	-261.33	-274.08	-248.35	0.83	14.70	0.0	0.0	990
1121	39	27.51	106	25.85	12390.0	0	1095.10	127.01	-295.57	-268.66	-275.95	-250.30	0.79	20.40	0.0	0.0	991
1122	39	27.93	106	25.20	11846.0	0	1132.32	116.29	-289.10	-263.29	-275.95	-250.98	0.95	14.10	0.0	0.0	992
1123	39	9.35	106	18.35	9426.0	0	1217.80	-2.18	-323.67	-303.20	-322.52	-302.13	1.56	2.70	0.0	0.0	993
1124	39	9.22	106	17.63	9522.0	0	1213.64	3.37	-321.39	-300.72	-320.13	-299.54	1.54	2.80	0.0	0.0	994
1125	39	9.29	106	17.06	9530.0	0	1215.75	6.93	-318.11	-297.41	-315.95	-295.39	1.54	3.70	0.0	0.0	995
1126	39	9.70	106	16.41	9687.0	0	1210.12	14.44	-315.95	-294.91	-312.76	-291.93	1.51	4.70	0.0	0.0	996
1127	39	9.87	106	15.22	10065.0	0	1189.00	28.58	-314.71	-292.85	-309.74	-288.20	1.44	6.40	0.0	0.0	997
1128	39	8.52	106	19.78	9287.0	0	1217.77	-13.74	-330.49	-310.32	-329.17	-309.69	1.58	2.90	0.0	0.0	998
1129	39	8.80	106	20.82	9492.0	0	1203.49	-9.18	-332.92	-312.31	-331.56	-311.04	1.55	2.90	0.0	0.0	999
1130	39	7.92	106	19.89	9261.0	0	1219.28	-13.79	-329.65	-309.54	-328.34	-308.31	1.58	2.90	0.0	0.0	1000
1131	39	7.84	106	20.84	9389.0	0	1209.96	-10.97	-331.20	-310.81	-329.66	-309.37	1.56	3.10	0.0	0.0	1001
1132	39	7.61	106	19.01	9255.0	0	1220.25	-12.93	-328.59	-308.49	-327.27	-307.26	1.58	2.90	0.0	0.0	1002
1133	39	6.89	106	20.92	9493.0	0	1200.85	-8.91	-332.69	-312.07	-331.13	-310.67	1.55	3.10	0.0	0.0	1003
1134	39	5.92	106	21.99	9643.0	0	1195.04	0.79	-328.10	-307.16	-325.12	-304.36	1.52	4.50	0.0	0.0	1004
1135	39	14.31	106	29.80	12654.0	0	1039.07	115.24	-316.35	-288.87	-302.05	-275.48	0.70	15.00	0.0	0.0	1005
1136	39	13.67	106	29.35	13040.0	0	1011.86	125.21	-319.54	-291.22	-301.20	-274.05	0.56	18.90	0.0	0.0	1006
1137	39	12.80	106	29.59	13518.0	0	974.84	134.35	-326.71	-297.35	-303.79	-275.90	0.39	23.30	0.0	0.0	1007
1138	39	11.72	106	29.18	14330.0	0	914.40	151.72	-337.02	-305.91	-305.01	-275.93	0.09	32.10	0.0	0.0	1008
1139	39	12.51	106	25.58	10952.0	0	1137.02	56.82	-316.72	-292.94	-312.64	-289.12	1.22	5.30	0.0	0.0	1009
1140	39	4.30	106	28.24	9964.0	0	1163.36	1.65	-338.19	-316.55	-324.64	-303.07	1.46	15.00	0.0	0.0	1010
1141	39	4.27	106	27.45	9854.0	0	1167.51	-4.49	-340.58	-319.18	-325.85	-305.39	1.48	16.20	0.0	0.0	1011
1142	39	4.29	106	26.89	9805.0	0	1169.44	-7.19	-341.61	-320.31	-327.09	-306.73	1.49	16.00	0.0	0.0	1012
1143	39	4.11	106	26.22	9712.0	0	1175.05	-10.05	-341.29	-320.20	-328.00	-307.76	1.51	14.80	0.0	0.0	1013
1144	39	4.06	106	25.48	9669.0	0	1178.71	-10.73	-340.37	-319.38	-328.39	-308.16	1.51	13.50	0.0	0.0	1014
1145	39	4.08	106	24.59	9425.0	0	1193.69	-18.33	-339.78	-319.31	-327.44	-307.76	1.56	13.90	0.0	0.0	1015
1146	39	4.24	106	24.02	9213.0	0	1206.30	-25.87	-340.09	-320.08	-327.38	-308.18	1.59	14.30	0.0	0.0	1016
1147	39	4.72	106	23.40	9221.0	0	1210.61	-21.51	-336.01	-315.98	-327.00	-307.55	1.59	10.60	0.0	0.0	1017
1148	39	4.11	106	29.79	10126.0	0	1157.16	10.94	-334.42	-312.43	-323.24	-301.96	1.42	12.60	0.0	0.0	1018
1149	39	4.28	106	29.19	10014.0	0	1161.36	4.38	-337.17	-315.42	-323.21	-302.36	1.45	15.40	0.0	0.0	1019
1150	39	17.69	106	15.67	10415.0	0	1167.77	28.70	-326.52	-303.90	-320.68	-298.43	1.36	7.20	0.0	0.0	1020
1151	39	28.35	106	6.11	13005.0	0	1018.75	107.17	-336.39	-308.15	-309.36	-282.84	0.57	27.60	0.0	0.0	1021
1153	39	20.98	106	6.40	12102.0	0	1090.62	93.32	-319.44	-293.16	-309.92	-284.24	0.88	10.40	0.0	0.0	1022
1154	39	29.21	106	6.51	12462.0	0	1064.93	101.09	-323.94	-296.88	-306.40	-280.46	0.76	18.30	0.0	0.0	1023
1155	39	29.60	106	6.85	12582.0	0	1055.44	102.30	-326.83	-299.51	-305.35	-279.40	0.72	22.20	0.0	0.0	1024
1156	39	16.20	106	2.77	10270.0	0	1194.07	43.88	-306.70	-284.40	-305.09	-282.89	1.39	3.00	0.0	0.0	1025
1157	39	16.38	106	3.48	10276.0	0	1194.55	44.36	-306.12	-283.81	-304.61	-282.39	1.39	2.90	0.0	0.0	1026
1158	39	16.30	106	3.72	10320.0	0	1191.00	45.06	-306.92	-284.51	-305.30	-283.00	1.38	3.00	0.0	0.0	1027

1159	39	16.50	106	4.51	10398.0	0	1185.07	46.16	-308.48	-285.90	-306.45	-284.00	1.36	3.40	0.0	0.0	1028
1160	39	16.70	106	5.50	10485.0	0	1178.71	47.67	-309.63	-287.17	-305.87	-283.36	1.34	5.40	0.0	0.0	1029
1162	39	16.72	106	7.37	10934.0	0	1146.17	57.27	-315.65	-291.91	-306.78	-283.60	1.23	10.10	0.0	0.0	1030
1163	39	16.46	106	9.69	11989.0	0	1095.78	96.34	-312.57	-286.53	-308.48	-282.71	0.92	5.00	0.0	0.0	1031
1164	39	17.92	106	5.01	11287.0	0	1126.45	68.93	-316.03	-291.52	-310.76	-286.58	1.13	6.40	0.0	0.0	1032
1165	39	19.39	106	4.54	11740.0	0	1094.88	77.74	-322.68	-297.18	-317.07	-291.93	0.99	6.60	0.0	0.0	1033
1166	39	17.76	106	5.88	11124.0	0	1137.44	64.85	-314.55	-290.39	-309.82	-285.97	1.18	5.90	0.0	0.0	1034
1167	39	18.60	106	7.04	11210.0	0	1122.95	57.20	-325.13	-300.79	-312.68	-289.13	1.15	13.60	0.0	0.0	1035
1168	39	17.12	106	7.38	11550.0	0	1103.59	68.91	-325.02	-299.94	-314.27	-289.87	1.05	11.60	0.0	0.0	1036
1169	39	26.03	106	22.50	10559.0	0	1203.97	68.13	-292.01	-269.03	-286.23	-263.67	1.32	7.10	0.0	0.0	1037
1170	39	25.28	106	23.02	10488.0	0	1208.61	65.20	-292.51	-269.73	-288.65	-266.12	1.34	5.20	0.0	0.0	1038
1171	39	24.64	106	23.26	10881.0	0	1183.61	75.88	-294.55	-270.96	-290.29	-266.98	1.25	5.50	0.0	0.0	1039
1172	39	24.53	106	22.90	11220.0	0	1161.90	88.35	-294.33	-269.97	-290.48	-266.36	1.15	5.00	0.0	0.0	1040
1173	39	24.83	106	20.70	11073.0	0	1164.65	76.85	-300.81	-276.77	-296.20	-272.45	1.19	5.80	0.0	0.0	1041
1174	39	24.06	106	19.30	10710.0	0	1182.81	62.05	-303.23	-279.97	-299.81	-276.77	1.29	4.70	0.0	0.0	1042
1175	39	17.72	106	25.02	11123.0	0	1140.94	68.32	-311.05	-286.90	-308.33	-284.35	1.18	3.90	0.0	0.0	1043
1176	39	18.07	106	26.05	11965.0	0	1093.70	99.63	-288.46	-292.47	-299.18	-273.79	0.92	10.20	0.0	0.0	1044
1177	39	18.91	106	25.90	12922.0	0	1026.67	121.22	-319.51	-291.45	-298.41	-271.69	0.60	21.70	0.0	0.0	1045
1178	39	19.39	106	25.55	12411.0	0	1062.07	107.93	-315.36	-288.41	-304.14	-277.91	0.78	12.00	0.0	0.0	1046
1179	39	19.31	106	26.48	12564.0	0	1051.67	112.02	-316.50	-289.22	-300.23	-273.98	0.73	17.00	0.0	0.0	1047
1201	39	5.86	106	13.08	11982.0	0	1075.74	101.25	-307.41	-281.39	-298.23	-272.80	0.92	10.10	0.0	0.0	1048
1202	39	5.96	106	13.88	11549.0	0	1103.14	84.84	-309.05	-283.97	-300.81	-276.25	1.05	9.30	0.0	0.0	1049
1203	39	6.20	106	14.20	11619.0	0	1093.99	84.91	-311.37	-286.14	-301.50	-276.90	1.03	10.90	0.0	0.0	1050
1204	39	5.21	106	13.97	10963.0	0	1136.15	66.93	-306.98	-283.18	-300.90	-277.48	1.22	7.30	0.0	0.0	1051
1205	39	4.88	106	14.20	10814.0	0	1143.55	60.82	-308.01	-284.53	-300.07	-277.09	1.26	9.20	0.0	0.0	1052
1206	39	4.52	106	14.54	10330.0	0	1177.13	49.47	-302.85	-280.42	-298.83	-276.65	1.38	5.40	0.0	0.0	1053
1207	39	3.27	106	14.59	9910.0	0	1199.81	34.54	-303.45	-281.93	-300.02	-278.72	1.47	4.90	0.0	0.0	1054
1208	39	1.98	106	14.66	9335.0	0	1230.58	13.20	-305.18	-284.91	-301.06	-281.80	1.57	4.90	0.0	0.0	1055
1209	39	5.96	106	27.72	13773.0	0	931.96	125.48	-344.27	-314.36	-312.57	-284.66	0.29	32.00	0.0	0.0	1056
1210	39	1.94	106	10.40	11997.0	0	1075.90	108.59	-300.59	-274.54	-290.60	-265.19	0.91	10.90	0.0	0.0	1057
1211	39	3.16	106	9.69	12007.0	0	1081.95	113.78	-295.74	-269.66	-288.85	-263.21	0.91	7.80	0.0	0.0	1058
1212	39	2.31	106	9.39	12105.0	0	1074.66	116.94	-295.92	-269.63	-286.99	-261.28	0.88	9.80	0.0	0.0	1059
1213	39	2.37	106	8.59	12132.0	0	1070.61	115.34	-298.44	-272.07	-285.71	-260.18	0.87	13.60	0.0	0.0	1060
1214	39	2.92	106	8.87	11782.0	0	1096.41	107.47	-294.38	-268.79	-287.66	-262.50	0.98	7.70	0.0	0.0	1061
1215	39	3.55	106	8.53	11200.0	0	1133.61	89.09	-292.91	-268.58	-288.76	-264.70	1.15	5.30	0.0	0.0	1062
1216	39	3.77	106	7.34	10684.0	0	1166.23	72.92	-291.47	-268.27	-287.56	-264.61	1.29	5.20	0.0	0.0	1063
1217	39	57.34	106	12.62	8784.0	0	1256.71	-5.61	-305.20	-286.12	-301.05	-282.24	1.65	5.80	0.0	0.0	1064
1218	39	56.70	106	14.83	10534.0	0	1146.36	49.36	-309.91	-287.04	-303.94	-281.45	1.33	7.30	0.0	0.0	1065
1219	39	56.40	106	12.31	8965.0	0	1248.51	4.58	-301.19	-281.72	-297.61	-278.37	1.63	9.20	0.0	0.0	1066
1220	39	56.02	106	13.88	10019.0	0	1178.00	33.63	-308.08	-286.32	-303.13	-281.68	1.45	6.40	0.0	0.0	1067
1221	39	55.70	106	10.88	8292.0	0	1291.86	-13.53	-296.34	-278.34	-293.04	-275.25	1.70	5.00	0.0	0.0	1068
1222	39	56.72	106	12.62	8805.0	0	1254.34	-2.15	-302.46	-293.34	-298.21	-279.36	1.65	5.90	0.0	0.0	1069
1223	39	58.80	106	9.59	8082.0	0	1299.37	-19.29	-294.94	-277.39	-293.75	-276.28	1.71	2.90	0.0	0.0	1070
1224	39	47.05	106	12.10	8362.0	0	1266.00	-21.90	-307.78	-289.58	-304.37	-286.39	1.69	5.10	0.0	0.0	1071
1225	39	48.75	106	13.31	8932.0	0	1251.37	-22.00	-313.00	-294.47	-303.67	-285.74	1.62	11.00	0.0	0.0	1072
1226	39	47.75	106	14.78	8907.0	0	1217.57	-11.59	-318.10	-298.59	-306.73	-287.94	1.62	13.00	0.0	0.0	1073
1227	39	46.85	106	16.64	9552.0	0	1176.32	1.56	-324.23	-303.48	-309.36	-289.56	1.54	16.40	0.0	0.0	1074
1228	39	50.57	106	7.85	7955.0	0	1314.65	-15.60	-286.92	-269.65	-285.64	-268.64	1.72	2.80	0.0	0.0	1075
1229	39	51.32	106	8.22	8011.0	0	1316.54	-9.55	-282.78	-265.38	-281.60	-264.28	1.72	2.90	0.0	0.0	1076
1230	39	52.80	106	8.90	8672.0	0	1314.27	-8.27	-283.57	-266.04	-281.49	-264.09	1.71	3.80	0.0	0.0	1077
1231	39	52.05	106	8.40	8043.0	0	1316.81	-7.35	-281.67	-264.20	-280.28	-262.91	1.72	3.10	0.0	0.0	1078
1232	39	24.88	106	13.71	12376.0	0	1084.18	98.66	-323.44	-296.57	-309.03	-283.08	0.79	15.20	0.0	0.0	1079
1233	39	25.25	106	12.79	12069.0	0	1092.37	97.48	-314.16	-287.95	-307.35	-281.57	0.89	7.70	0.0	0.0	1080
1234	39	25.55	106	13.98	12421.0	0	1066.83	104.55	-319.09	-292.12	-306.07	-279.92	0.78	13.80	0.0	0.0	1081
1235	39	25.73	106	13.60	12037.0	0	1098.03	99.42	-311.12	-284.98	-305.72	-279.92	0.90	6.30	0.0	0.0	1082
1236	39	25.95	106	13.50	12375.0	0	1074.28	107.09	-314.98	-298.11	-305.97	-279.67	0.79	9.80	0.0	0.0	1083
1237	39	26.45	106	13.80	12578.0	0	1061.54	112.67	-316.32	-299.01	-304.34	-277.79	0.72	12.70	0.0	0.0	1084
1238	39	26.95	106	11.21	11948.0	0	1073.33	106.40	-301.10	-275.16	-292.83	-267.41	0.93	9.20	0.0	0.0	1085
1239	39	26.59	106	11.44	11932.0	0	1080.27	104.55	-301.30	-275.54	-292.23	-266.97	0.94	10.10	0.0	0.0	1086
1240	39	26.00	106	11.45	12135.0	0	1058.14	105.17	-308.72	-282.36	-291.79	-266.51	0.87	17.80	0.0	0.0	1087
1241	39	26.67	106	10.73	11978.0	0	1072.87	105.64	-302.89	-276.88	-291.41	-266.13	0.92	12.40	0.0	0.0	1088

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1242	39	0.27	106	10.58	11957.0	0	1070.50	101.89	-305.92	-279.96	-291.35	-266.31	0.93	15.50	0.0	0.0	1089
1243	38	59.41	106	9.81	11323.0	0	1119.36	92.48	-293.71	-269.12	-287.93	-263.71	1.12	6.90	0.0	0.0	1090
1244	38	59.08	106	9.69	11351.0	0	1117.80	94.03	-293.11	-263.66	-286.92	-262.67	1.11	7.30	0.0	0.0	1091
1245	38	58.65	106	9.85	11370.0	0	1113.48	92.13	-295.66	-270.97	-283.07	-263.86	1.11	8.70	0.0	0.0	1092
1246	38	57.88	106	9.55	11372.0	0	1105.76	85.73	-302.13	-277.44	-287.54	-263.77	1.11	15.70	0.0	0.0	1093
1247	38	57.29	106	9.47	10605.0	0	1160.61	69.41	-292.29	-269.26	-283.60	-261.12	1.31	10.00	0.0	0.0	1094
1248	39	1.25	106	25.19	13943.0	0	899.24	115.65	-359.90	-329.62	-321.13	-293.32	0.23	39.00	0.0	0.0	1095
1249	38	59.24	106	27.33	10526.0	0	1121.09	19.61	-339.40	-316.54	-327.83	-305.71	1.33	12.90	0.0	0.0	1096
1250	38	59.50	106	28.40	10755.0	0	1106.62	26.26	-340.55	-317.20	-331.93	-309.12	1.27	9.90	0.0	0.0	1097
1251	38	58.68	106	26.98	10412.0	0	1124.27	12.90	-342.21	-319.60	-333.27	-311.23	1.36	10.30	0.0	0.0	1098
1252	38	57.98	106	27.43	10537.0	0	1115.85	17.25	-342.13	-319.25	-331.75	-309.53	1.33	11.70	0.0	0.0	1099
1253	38	57.49	106	27.62	10604.0	0	1111.64	20.06	-341.61	-318.58	-328.42	-306.23	1.31	14.50	0.0	0.0	1100
1254	38	56.86	106	27.65	10739.0	0	1104.73	26.75	-339.52	-316.20	-330.00	-307.28	1.28	10.80	0.0	0.0	1101
1255	38	59.34	106	25.35	10089.0	0	1142.15	-0.52	-344.62	-322.72	-331.56	-310.48	1.43	14.50	0.0	0.0	1102
1256	38	59.55	106	24.53	9948.0	0	1153.66	-2.37	-341.66	-320.05	-329.52	-308.69	1.46	13.60	0.0	0.0	1103
1257	38	58.95	106	24.50	10231.0	0	1138.26	9.50	-339.45	-317.23	-326.45	-305.06	1.40	14.40	0.0	0.0	1104
1258	38	58.29	106	24.48	10518.0	0	1115.85	15.01	-343.72	-320.88	-330.25	-308.27	1.33	14.80	0.0	0.0	1105
1259	38	57.65	106	24.59	10722.0	0	1105.05	24.31	-341.38	-318.09	-328.46	-306.00	1.28	14.20	0.0	0.0	1106
1260	38	57.26	106	24.52	10868.0	0	1090.14	31.69	-338.98	-315.38	-327.63	-304.75	1.24	12.60	0.0	0.0	1107
1261	38	59.71	106	23.77	9864.0	0	1160.61	-3.74	-340.17	-318.75	-326.75	-306.18	1.43	14.90	0.0	0.0	1108
1264	39	16.35	106	29.93	12259.0	0	1072.66	108.73	-309.58	-282.76	-299.01	-273.05	0.83	11.20	0.0	0.0	1109
1265	39	16.78	106	29.88	12151.0	0	1081.95	107.25	-307.18	-280.80	-296.25	-270.56	0.86	11.80	0.0	0.0	1110
1266	39	15.55	106	28.60	12086.0	0	1079.89	100.90	-311.32	-285.07	-302.00	-276.35	0.89	10.20	0.0	0.0	1111
1267	39	23.82	106	6.35	14252.0	0	916.60	128.76	-357.32	-326.37	-316.74	-288.37	0.12	40.70	0.0	0.0	1112
1268	38	53.49	106	8.43	8130.0	0	1303.00	-10.10	-287.39	-269.73	-285.30	-267.78	1.71	3.80	0.0	0.0	1113
1269	38	54.12	106	9.90	8177.0	0	1302.60	-12.01	-290.90	-273.14	-288.31	-270.72	1.71	4.30	0.0	0.0	1114
1271	38	54.79	106	8.71	9586.0	0	1219.00	35.77	-291.18	-270.36	-282.31	-262.05	1.53	13.40	0.0	0.0	1116
1272	38	55.80	106	8.89	9625.0	0	1217.80	36.75	-291.53	-270.63	-286.15	-265.59	1.52	6.90	0.0	0.0	1117
1273	38	48.75	106	19.23	9847.0	0	1164.30	14.46	-321.39	-300.01	-310.27	-289.59	1.48	12.60	0.0	0.0	1118
1274	38	50.64	106	32.29	9525.0	0	1203.24	17.33	-307.49	-286.80	-306.93	-286.28	1.54	2.10	0.0	0.0	1119
1275	38	51.20	106	32.69	9508.0	0	1203.50	15.10	-309.18	-288.54	-308.63	-288.02	1.54	2.10	0.0	0.0	1120
1276	38	43.52	106	25.32	12798.0	0	992.32	119.94	-316.55	-298.76	-297.10	-270.55	0.65	20.10	0.0	0.0	1121
1277	38	47.65	106	24.81	12452.0	0	1023.47	119.89	-304.81	-277.77	-293.27	-266.97	0.76	12.30	0.0	0.0	1122
1278	38	47.22	106	24.97	12852.0	0	989.35	123.95	-314.38	-286.48	-293.21	-267.21	0.63	21.20	0.0	0.0	1123
1279	38	46.73	106	24.80	13071.0	0	976.28	132.16	-313.64	-285.26	-293.79	-266.67	0.55	20.40	0.0	0.0	1124
1280	38	46.38	106	23.60	13221.0	0	963.41	130.89	-320.03	-291.32	-298.93	-271.56	0.50	21.60	0.0	0.0	1125
1281	38	46.95	106	23.39	12839.0	0	980.92	124.70	-313.19	-285.31	-293.13	-271.20	0.63	15.70	0.0	0.0	1126
1282	38	47.36	106	23.32	12995.0	0	975.31	123.13	-320.03	-291.65	-297.66	-270.87	0.58	23.00	0.0	0.0	1127
1283	38	47.78	106	23.41	12527.0	0	1008.68	111.95	-315.31	-289.10	-297.75	-271.63	0.74	18.30	0.0	0.0	1128
1284	38	49.45	106	22.96	12974.0	0	981.00	123.78	-318.72	-290.54	-298.70	-271.80	0.58	20.60	0.0	0.0	1129
1285	38	49.86	106	22.91	12393.0	0	1027.20	114.83	-307.85	-289.94	-298.94	-272.59	0.78	9.70	0.0	0.0	1130
1286	38	50.25	106	22.45	12926.0	0	979.50	116.65	-324.26	-296.19	-302.76	-276.06	0.60	22.10	0.0	0.0	1131
1287	38	50.79	106	21.87	12524.0	0	1007.50	106.06	-321.09	-292.89	-307.93	-281.57	0.74	13.90	0.0	0.0	1132
1288	38	49.06	106	21.95	11432.0	0	1083.80	81.19	-308.72	-283.89	-303.00	-278.54	1.09	6.80	0.0	0.0	1133
1289	38	46.97	106	17.39	9565.0	0	1180.91	7.19	-319.04	-298.26	-306.17	-266.22	1.53	14.40	0.0	0.0	1134
1290	38	46.70	106	18.05	9631.0	0	1173.10	10.98	-317.50	-296.59	-304.82	-284.71	1.52	14.20	0.0	0.0	1135
1292	38	45.95	106	19.37	9914.0	0	1154.13	14.69	-323.44	-301.91	-308.90	-289.30	1.47	16.00	0.0	0.0	1137
1293	38	45.90	106	20.19	10267.0	0	1135.02	28.81	-321.36	-299.06	-310.05	-288.47	1.59	12.70	0.0	0.0	1138
1294	38	45.67	106	21.02	10522.0	0	1122.71	40.79	-318.08	-295.23	-309.31	-287.02	1.33	10.10	0.0	0.0	1139
1295	38	45.55	106	22.50	10874.0	0	1105.97	57.29	-313.59	-289.97	-307.23	-286.02	1.24	7.60	0.0	0.0	1140
1296	38	46.95	106	15.73	9337.0	0	1188.25	-6.85	-325.31	-305.03	-307.98	-288.80	1.57	18.90	0.0	0.0	1141
1297	38	47.27	106	9.90	8315.0	0	1265.78	-25.80	-309.40	-291.34	-307.80	-289.84	1.70	3.30	0.0	0.0	1142
1298	38	46.88	106	9.90	8372.0	0	1261.20	-24.46	-310.00	-291.32	-308.19	-290.12	1.69	3.50	0.0	0.0	1143
1299	38	47.78	106	6.92	7910.0	0	1300.66	-29.72	-299.51	-282.33	-297.03	-281.88	1.72	2.20	0.0	0.0	1144
1300	38	45.19	106	4.89	7685.0	0	1317.29	-30.43	-292.54	-275.65	-291.77	-275.13	1.73	2.50	0.0	0.0	1145
1301	38	45.63	106	5.00	7701.0	0	1313.37	-28.49	-291.15	-274.42	-290.48	-273.80	1.73	2.40	0.0	0.0	1146
1302	38	45.09	106	7.67	8137.0	0	1275.29	-29.82	-307.34	-289.67	-306.75	-289.12	1.71	2.30	0.0	0.0	1147
1303	38	45.17	106	9.91	8595.0	0	1247.21	-14.99	-308.13	-239.47	-305.83	-287.29	1.67	4.00	0.0	0.0	1148
1304	38	44.85	106	4.57	7690.0	0	1319.18	-27.57	-289.85	-273.15	-289.18	-272.53	1.73	2.40	0.0	0.0	1149

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1305	38	44.42	106	4.23	7658.0	0	1327.50	-21.63	-282.82	-266.19	-282.15	✓	-265.56	1.73	2.40	0.0	0.0	1150
1305	38	49.90	106	19.91	9396.0	0	1162.90	17.44	-320.08	-258.59	-309.25	✓	-288.45	1.47	12.30	0.0	0.0	1151
1307	38	48.68	106	21.02	10269.0	0	1144.60	34.50	-315.74	-293.46	-304.33	✓	-282.76	1.39	12.80	0.0	0.0	1152
1308	38	48.30	106	22.19	10617.0	0	1131.60	54.74	-307.37	-284.31	-301.08	✓	-278.42	1.31	7.60	0.0	0.0	1153
1309	38	48.20	106	22.91	10816.0	0	1122.30	64.28	-304.62	-281.13	-298.48	✓	-275.38	1.26	7.40	0.0	0.0	1154
1310	38	48.65	106	23.20	11150.0	0	1104.10	76.79	-303.50	-279.29	-296.87	✓	-273.08	1.17	7.80	0.0	0.0	1155
1311	38	49.05	106	24.13	11465.0	0	1086.60	88.28	-302.75	-277.86	-297.63	✓	-273.06	1.08	6.20	0.0	0.0	1156
1312	38	48.67	106	17.90	9502.0	0	1181.90	-0.23	-324.31	-303.68	-309.46	✓	-289.77	1.54	16.40	0.0	0.0	1157
1313	38	48.87	106	16.50	9317.0	0	1177.40	-2.40	-320.17	-299.94	-308.35	✓	-288.87	1.57	13.40	0.0	0.0	1158
1314	38	48.69	106	15.95	9221.0	0	1204.10	-4.46	-318.95	-298.93	-307.54	✓	-288.24	1.59	13.00	0.0	0.0	1159
1315	38	46.63	106	22.06	12962.0	0	972.72	118.52	-323.57	-295.42	-303.86	✓	-276.97	0.59	20.30	0.0	0.0	1160
1316	38	47.00	106	21.71	13038.0	0	965.16	117.55	-327.13	-298.82	-305.79	✓	-278.84	0.56	21.90	0.0	0.0	1161
1317	38	46.94	106	20.84	13209.0	0	952.42	120.95	-329.58	-300.88	-304.96	✓	-277.84	0.50	25.10	0.0	0.0	1162
1318	38	47.53	106	20.00	12661.0	0	988.97	105.19	-326.64	-297.14	-307.93	✓	-281.63	0.69	19.40	0.0	0.0	1163
1319	38	47.52	106	18.78	12059.0	0	1025.90	65.60	-325.69	-299.50	-312.18	✓	-286.85	0.89	14.40	0.0	0.0	1164
1320	38	47.61	106	18.00	11671.0	0	1052.25	75.39	-322.67	-297.33	-309.09	✓	-284.61	1.02	14.60	0.0	0.0	1165
1321	38	48.05	106	16.95	11858.0	0	1034.00	74.05	-330.38	-304.63	-307.34	✓	-283.06	0.96	24.00	0.0	0.0	1166
1322	38	55.12	106	18.26	13534.0	0	941.73	128.76	-332.84	-303.45	-312.53	✓	-284.43	0.38	20.70	0.0	0.0	1167
1323	38	55.47	106	19.21	14414.0	0	866.68	135.80	-355.31	-324.51	-312.97	✓	-284.39	0.06	42.90	0.0	0.0	1168
1324	38	55.53	106	17.90	13068.0	0	975.31	117.98	-327.72	-299.34	-313.37	✓	-285.91	0.55	14.90	0.0	0.0	1169
1325	38	55.75	106	17.39	13241.0	0	965.49	124.08	-327.52	-298.77	-309.71	✓	-282.09	0.49	18.30	0.0	0.0	1170
1326	38	56.20	106	17.27	13379.0	0	949.29	120.18	-336.13	-307.08	-310.77	✓	-283.33	0.44	25.80	0.0	0.0	1171
1327	38	42.95	106	15.45	9685.0	0	1196.03	-16.87	-326.73	-307.00	-310.14	✓	-291.47	1.61	18.20	0.0	0.0	1172
1328	38	42.82	106	16.33	9237.0	0	1189.55	-8.89	-323.93	-303.87	-309.62	✓	-290.47	1.59	15.90	0.0	0.0	1173
1329	38	42.60	106	17.30	9383.0	0	1179.83	-4.57	-324.59	-304.21	-311.05	✓	-291.54	1.56	15.10	0.0	0.0	1174
1330	38	42.63	106	18.28	9566.0	0	1169.19	1.94	-324.32	-303.55	-311.86	✓	-291.88	1.53	14.20	0.0	0.0	1175
1331	38	42.57	106	24.03	12154.0	0	1022.12	104.01	-310.52	-284.13	-305.78	✓	-279.69	0.86	5.60	0.0	0.0	1176
1332	38	44.49	106	25.82	13962.0	0	1105.65	66.79	-307.69	-283.29	-297.31	✓	-274.13	1.22	11.00	0.0	0.0	1177
1333	38	44.81	106	25.85	11010.0	0	1106.46	71.63	-303.88	-279.97	-296.59	✓	-273.14	1.21	8.50	0.0	0.0	1178
1334	38	45.25	106	26.98	10516.0	0	1135.18	53.31	-305.35	-282.52	-299.18	✓	-276.74	1.33	7.50	0.0	0.0	1179
1335	38	44.03	106	29.37	10346.0	0	1133.02	36.98	-315.89	-293.42	-312.36	✓	-290.12	1.37	4.90	0.0	0.0	1180
1336	38	43.03	106	29.90	10529.0	0	1121.30	43.91	-315.19	-292.33	-310.12	✓	-297.58	1.33	6.40	0.0	0.0	1181
1337	38	42.25	106	29.63	10773.0	0	1104.95	51.62	-315.81	-292.41	-310.58	✓	-287.51	1.27	6.50	0.0	0.0	1182
1338	38	42.85	106	29.27	11416.0	0	1066.94	73.12	-316.24	-291.45	-311.03	✓	-286.57	1.09	6.30	0.0	0.0	1183
1339	38	41.58	106	28.72	12176.0	0	1018.13	97.54	-317.74	-291.30	-309.70	✓	-283.77	0.86	8.90	0.0	0.0	1184
1340	38	40.98	106	28.70	11056.0	0	1035.64	61.76	-315.33	-291.32	-309.32	✓	-285.69	1.19	7.20	0.0	0.0	1185
1341	38	40.40	106	21.91	10552.0	0	1114.29	42.92	-316.97	-294.06	-310.89	✓	-288.37	1.32	7.40	0.0	0.0	1186
1342	38	39.35	106	21.61	11034.0	0	1084.75	61.66	-314.67	-290.71	-307.77	✓	-284.25	1.20	8.10	0.0	0.0	1187
1343	39	0.50	196	17.00	9645.0	0	1202.70	16.62	-312.34	-291.60	-308.26	✓	-287.58	1.52	5.60	0.0	0.0	1188
1344	38	58.40	106	18.20	12574.0	0	1007.60	99.67	-329.18	-301.88	-312.61	✓	-286.36	0.72	17.30	0.0	0.0	1189
1345	38	58.33	106	18.90	13007.0	0	976.30	109.13	-334.49	-306.25	-313.27	✓	-286.37	0.57	21.80	0.0	0.0	1190
1346	38	58.55	106	19.41	13309.0	0	954.70	115.56	-338.36	-309.46	-312.83	✓	-285.53	0.46	26.00	0.0	0.0	1191
1347	38	57.89	106	20.30	14153.0	0	893.20	134.26	-348.45	-317.71	-313.70	✓	-285.18	0.15	34.90	0.0	0.0	1192
1348	38	58.60	106	16.95	11675.0	0	1073.50	80.86	-317.33	-291.98	-307.44	✓	-282.72	1.51	10.90	0.0	0.0	1193
1349	38	52.03	106	29.43	9713.0	0	1182.04	14.79	-316.48	-295.39	-313.99	✓	-293.05	1.51	4.00	0.0	0.0	1194
1350	38	52.10	106	28.25	9811.0	0	1174.38	16.24	-318.38	-297.08	-314.07	✓	-293.04	1.49	5.80	0.0	0.0	1195
1351	38	51.90	106	27.50	9825.0	0	1174.38	17.85	-317.25	-295.92	-312.34	✓	-291.31	1.48	6.40	0.0	0.0	1196
1352	38	52.15	106	26.69	9860.0	0	1168.17	14.56	-321.73	-300.32	-313.81	✓	-292.90	1.48	9.40	0.0	0.0	1197
1353	38	52.15	106	25.95	9900.0	0	1166.93	17.07	-320.58	-299.00	-313.95	✓	-292.87	1.47	8.10	0.0	0.0	1198
1354	38	58.70	106	28.15	12342.0	0	1037.55	77.40	-343.54	-316.74	-329.65	✓	-303.73	0.80	14.70	0.0	0.0	1199
1355	38	58.55	106	28.87	13077.0	0	951.56	90.64	-355.37	-326.97	-329.62	✓	-302.86	0.55	26.30	0.0	0.0	1200
1356	38	57.90	106	28.95	13088.0	0	951.72	92.79	-353.60	-325.18	-330.94	✓	-303.96	0.54	23.20	0.0	0.0	1201
1357	38	57.77	106	29.80	13140.0	0	948.32	94.46	-353.70	-325.17	-331.83	✓	-304.68	0.53	22.40	0.0	0.0	1202
1358	38	57.25	106	29.80	13255.0	0	940.87	98.57	-353.51	-324.73	-329.00	✓	-301.77	0.46	25.00	0.0	0.0	1203
1359	39	45.90	106	10.61	8787.0	0	1236.04	-9.19	-308.88	-289.20	-305.93	✓	-287.04	1.65	4.60	0.0	0.0	1204
1360	38	45.75	106	11.18	9038.0	0	1221.73	-2.52	-309.75	-290.19	-305.77	✓	-286.46	1.62	5.60	0.0	0.0	1205
1361	38	45.60	106	11.60	9339.0	0	1202.62	9.69	-308.83	-288.55	-303.21	✓	-283.28	1.57	7.20	0.0	0.0	1206
1362	38	45.53	106	11.98	9654.0	0	1182.75	19.51	-309.76	-288.79	-303.07	✓	-282.53	1.52	8.20	0.0	0.0	1207
1363	38	45.39	106	12.43	10059.0	0	1156.07	31.07	-312.00	-290.16	-302.04	✓	-280.83	1.44	11.40	0.0	0.0	1208
1364	38	51.32	106	12.15	8590.0	0	1261.36	-10.34	-303.31	-284.66	-299.68	✓	-281.26	1.67	5.30	0.0	0.0	1209
1365	38	51.22	106	12.90	8910.0	0	1241.27	-0.22	-304.11	-284.76	-300.44	✓	-281.33	1.63	5.30	0.0	0.0	1210

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1366	38	51.61	106	13.70	9217.0	0	1222.38	9.16	-305.20	-285.18	-300.29	✓	-280.59	1.59	6.50	0.0	0.0	1211
1367	38	51.93	106	14.35	9439.0	0	1208.18	15.34	-306.59	-286.09	-299.54	✓	-279.49	1.55	8.60	0.0	0.0	1212
1368	38	52.22	106	15.28	9664.0	0	1187.44	15.31	-314.29	-293.31	-303.11	✓	-282.83	1.51	12.70	0.0	0.0	1213
1369	38	52.23	106	15.95	9887.0	0	1171.57	20.37	-316.84	-295.37	-305.41	✓	-284.67	1.47	12.90	0.0	0.0	1214
1370	38	52.90	105	56.65	9618.0	0	1240.30	62.85	-265.18	-244.30	-265.41	✓	-244.51	1.52	1.30	0.0	0.0	1215
1371	38	49.00	105	58.85	9044.0	0	1262.01	36.37	-272.09	-252.45	-270.70	✓	-251.15	1.62	3.00	0.0	0.0	1216
1372	38	46.70	105	55.55	9602.0	0	1230.74	60.90	-266.59	-245.74	-267.12	✓	-246.24	1.53	1.00	0.0	0.0	1217
1373	38	46.70	105	54.45	9628.0	0	1231.28	63.88	-264.50	-243.59	-264.92	✓	-243.99	1.52	1.10	0.0	0.0	1218
1374	38	46.36	105	53.10	9568.0	0	1235.55	63.01	-263.32	-242.54	-263.75	✓	-242.95	1.53	1.10	0.0	0.0	1219
1375	38	48.02	105	53.95	10223.0	0	1189.66	76.21	-272.46	-250.26	-265.97	✓	-244.18	1.40	7.90	0.0	0.0	1220
1376	38	48.57	105	54.53	10307.0	0	1185.12	78.75	-272.79	-250.41	-266.07	✓	-244.11	1.38	8.10	0.0	0.0	1221
1377	38	49.05	105	54.91	10396.0	0	1180.80	81.15	-273.09	-250.53	-265.95	✓	-243.85	1.36	8.50	0.0	0.0	1222
1378	38	49.71	105	55.70	10585.0	0	1156.66	84.73	-276.29	-253.31	-266.41	✓	-244.05	1.32	11.20	0.0	0.0	1223
1379	38	50.12	105	56.13	10635.0	0	1161.91	84.77	-278.65	-255.56	-267.96	✓	-245.55	1.30	12.00	0.0	0.0	1224
1380	38	50.36	105	56.38	10641.0	0	1162.34	84.71	-278.22	-255.11	-265.22	✓	-242.94	1.30	14.30	0.0	0.0	1225
1381	38	51.84	105	56.53	10764.0	0	1153.97	86.89	-280.23	-256.86	-264.20	✓	-241.85	1.27	17.30	0.0	0.0	1226
1382	38	42.50	106	7.35	8112.0	0	1275.40	-28.26	-304.93	-287.31	-304.24	✓	-286.67	1.71	2.40	0.0	0.0	1227
1383	38	41.65	106	7.95	8329.0	0	1261.36	-20.66	-304.73	-286.65	-303.83	✓	-285.80	1.70	2.60	0.0	0.0	1228
1384	38	40.83	106	9.62	8832.0	0	1230.10	-3.46	-304.69	-285.51	-301.83	✓	-282.84	1.64	4.50	0.0	0.0	1229
1385	38	40.83	106	10.19	9040.0	0	1217.14	3.12	-305.20	-285.57	-299.52	✓	-280.25	1.62	7.30	0.0	0.0	1230
1386	38	54.07	106	2.57	10225.0	0	1198.51	76.36	-272.38	-250.18	-268.48	✓	-246.53	1.40	5.30	0.0	0.0	1231
1387	38	53.73	106	2.00	10163.0	0	1203.05	75.57	-271.05	-243.98	-268.06	✓	-246.19	1.41	4.40	0.0	0.0	1232
1388	38	52.69	106	1.90	10356.0	0	1187.12	74.30	-273.91	-251.42	-266.88	✓	-244.84	1.37	8.40	0.0	0.0	1233
1389	38	49.42	105	59.99	9220.0	0	1225.40	15.68	-298.78	-278.76	-281.57	✓	-278.57	1.59	1.80	0.0	0.0	1234
1390	38	57.09	106	11.10	9011.0	0	1249.70	9.07	-298.26	-278.69	-292.38	✓	-273.19	1.62	7.50	0.0	0.0	1235
1391	38	57.50	106	10.85	9718.0	0	1207.90	33.08	-298.36	-277.26	-290.47	✓	-269.87	1.50	9.40	0.0	0.0	1236
1392	38	46.71	105	59.69	10123.0	0	1190.60	69.68	-275.58	-253.60	-267.81	✓	-246.32	1.42	9.20	0.0	0.0	1237
1393	38	43.40	105	48.89	9453.0	0	1233.00	54.00	-268.40	-247.88	-268.86	✓	-248.30	1.55	1.10	0.0	0.0	1238
1394	38	43.40	105	47.79	9613.0	0	1224.00	60.03	-267.83	-245.96	-267.96	✓	-247.07	1.52	1.40	0.0	0.0	1239
1395	38	41.65	105	48.80	8983.0	0	1262.33	42.19	-264.36	-244.84	-264.68	✓	-245.14	1.62	1.30	0.0	0.0	1240
1396	38	41.35	105	51.59	9565.0	0	1230.60	65.13	-261.10	-240.33	-260.83	✓	-240.07	1.53	1.20	0.0	0.0	1241
1397	38	41.18	105	52.55	9443.0	0	1234.60	57.92	-264.15	-243.64	-264.10	✓	-243.60	1.55	1.60	0.0	0.0	1242
1398	38	41.38	106	11.51	11548.0	0	1080.80	54.58	-322.23	-298.24	-302.03	✓	-279.32	1.20	21.40	0.0	0.0	1243
1399	38	41.65	106	9.82	8726.0	0	1236.00	-8.72	-306.34	-287.39	-303.19	✓	-284.44	1.66	4.80	0.0	0.0	1244
1400	38	33.78	106	3.75	8233.0	0	1287.70	0.87	-279.93	-262.05	-276.33	✓	-258.68	1.70	5.30	0.0	0.0	1245
1401	38	36.24	106	2.57	7858.0	0	1359.70	-8.64	-276.65	-259.58	-274.17	✓	-257.27	1.73	4.20	0.0	0.0	1246
1402	38	35.60	106	2.52	7376.0	0	1336.10	-26.59	-278.16	-262.14	-277.10	✓	-264.15	1.74	2.80	0.0	0.0	1247
1403	38	35.55	106	1.62	7629.0	0	1328.99	-9.94	-270.14	-253.57	-268.28	✓	-251.83	1.74	3.60	0.0	0.0	1248
1404	38	43.15	105	58.35	9610.0	0	1225.02	61.14	-266.63	-245.76	-265.35	✓	-244.56	1.52	2.80	0.0	0.0	1249
1405	38	40.25	105	58.63	9935.0	0	1201.91	69.99	-267.83	-246.32	-264.20	✓	-242.92	1.47	5.10	0.0	0.0	1250
1406	38	40.10	105	58.10	9963.0	0	1203.05	76.80	-263.00	-241.37	-260.66	✓	-239.17	1.46	3.80	0.0	0.0	1251
1407	38	39.78	105	57.85	10087.0	0	1194.62	80.49	-263.55	-241.64	-259.73	✓	-238.11	1.43	5.20	0.0	0.0	1252
1408	38	39.65	105	59.35	10070.0	0	1193.38	77.84	-265.61	-243.74	-260.65	✓	-239.09	1.43	6.40	0.0	0.0	1253
1409	38	39.98	105	56.90	9820.0	0	1218.16	78.66	-256.27	-234.95	-259.56	✓	-234.28	1.49	2.20	0.0	0.0	1254
1410	38	57.30	106	3.18	9954.0	0	1212.98	60.63	-278.87	-257.25	-278.03	✓	-256.47	1.46	2.30	0.0	0.0	1255
1411	38	58.30	106	6.25	11725.0	0	1097.01	109.51	-290.39	-264.93	-282.29	✓	-257.34	1.30	9.10	0.0	0.0	1256
1412	38	56.85	106	5.30	10389.0	0	1184.85	74.02	-280.32	-257.76	-277.48	✓	-255.10	1.36	4.20	0.0	0.0	1257
1413	38	57.20	106	5.12	10901.0	0	1151.81	88.55	-283.25	-259.58	-277.38	✓	-254.09	1.24	7.10	0.0	0.0	1258
1414	38	57.71	106	6.60	11296.0	0	1125.62	98.70	-286.57	-262.04	-280.49	✓	-256.35	1.13	7.20	0.0	0.0	1259
1415	38	57.35	106	6.22	11321.0	0	1122.92	99.32	-286.80	-262.22	-278.72	✓	-254.65	1.12	9.20	0.0	0.0	1260
1416	38	56.40	106	6.65	11735.0	0	1088.80	105.03	-295.21	-269.72	-279.90	✓	-255.39	1.00	16.30	0.0	0.0	1261
1417	38	56.32	106	6.10	11550.0	0	1103.92	102.90	-291.03	-265.95	-277.59	✓	-253.36	1.05	14.50	0.0	0.0	1262
1418	38	56.25	106	5.56	11340.0	0	1121.84	101.20	-285.57	-260.94	-273.58	✓	-249.72	1.11	13.10	0.0	0.0	1263
1419	38	55.94	106	4.19	10842.0	0	1152.46	85.49	-284.20	-260.75	-275.64	✓	-253.58	1.25	8.90	0.0	0.0	1264
1420	38	54.53	106	6.45	9295.0	0	1243.76	33.58	-283.44	-263.26	-281.22	✓	-261.18	1.58	3.80	0.0	0.0	1265
1421	38	54.92	106	6.76	9505.0	0	1232.31	41.28	-282.90	-262.26	-278.15	✓	-258.75	1.54	5.30	0.0	0.0	1266
1422	38	55.47	106	6.00	10103.0	0	1291.00	65.30	-279.28	-257.34	-275.80	✓	-254.09	1.43	4.90	0.0	0.0	1267
1423	38	47.63	106	0.65	9190.0	0	1253.20	43.33	-270.11	-250.15	-269.50	✓	-249.58	1.59	2.20	0.0	0.0	1268
1424	38	46.83	106	1.98	9611.0	0	1211.63	42.37	-285.43	-264.56	-276.56	✓	-256.25	1.52	10.40	0.0	0.0	1269
1425	38	45.81	106	2.33	8524.0	0	1286.46	16.66	-274.07	-255.56	-273.55	✓	-255.07	1.68	2.20	0.0	0.0	1270
1426	38	46.40	106	1.10	9562.0	0	1222.43	49.27	-276.86	-256.09	-270.99	✓	-250.60	1.53	7.40	0.0	0.0	1271

1427	38	48.80	106	0.91	9201.0	0	1254.77	44.18	-269.64	-249.66	-269.63	✓	-249.65	1.59	1.60	0.0	0.0	1272
1428	38	52.10	105	57.89	10674.0	0	1164.08	87.79	-276.26	-253.08	-265.05	✓	-242.59	1.29	12.50	0.0	0.0	1273
1429	38	53.07	105	58.50	10523.0	0	1177.78	85.56	-273.52	-250.66	-260.75	✓	-238.70	1.33	14.10	0.0	0.0	1274
1430	38	59.62	105	57.93	9370.0	0	1254.12	43.50	-276.08	-255.73	-275.05	✓	-254.76	1.57	2.60	0.0	0.0	1275
1431	38	59.70	105	58.50	9537.0	0	1244.73	49.68	-275.60	-254.89	-274.63	✓	-253.98	1.54	2.50	0.0	0.0	1276

MINLAT=38. O. MAXLAT=45. O. MINLONG=105. 30. MAXLONG=106. 45. MINELEV=5500. MAXELEV=14700. UNITS= 0

BMR= 0.0 GBV= 0.0 MSV=0.0 D1=2.67 D2=2.50 OPTIONS=1010000000 CM= 0 0. REF= 305

STATION	LAT	LONG	ELEV(F)	E	OBS G	FAA	BA2.67	BA(OPT)	CB2.67	CB(OPT)	CC	TC	TCM	PG	DRIFT	TIDE N
1432	38 30.80	105 58.17	6998.0	0	1365.80	-25.37	-264.05	-248.85	-260.59	-245.61	1.74	5.20		0.0	0.0	1
1433	38 32.48	105 59.20	7566.0	0	1333.20	-7.06	-265.11	-248.68	-262.05	-245.81	1.74	4.80		0.0	0.0	2
1434	38 33.08	105 58.69	7870.0	0	1322.70	10.12	-258.30	-241.21	-257.02	-240.01	1.73	3.00		0.0	0.0	3
1435	38 33.30	105 57.88	8335.0	0	1300.80	31.59	-252.69	-234.59	-251.38	-233.37	1.70	3.00		0.0	0.0	4
1436	38 35.57	105 55.99	8942.0	0	1269.50	53.99	-251.00	-231.58	-250.52	-231.14	1.63	2.10		0.0	0.0	5
1437	38 33.52	105 53.57	10742.0	0	1141.50	98.06	-268.31	-244.98	-252.89	-230.54	1.28	16.70		0.0	0.0	6
1438	38 32.92	105 54.11	10095.0	0	1186.20	82.88	-261.43	-239.51	-251.76	-230.45	1.43	11.10		0.0	0.0	7
1439	38 31.95	105 54.35	9333.0	0	1231.40	57.92	-260.39	-240.13	-249.47	-229.89	1.57	12.50		0.0	0.0	8
1440	38 31.68	105 54.28	8938.0	0	1260.50	50.31	-254.53	-235.12	-249.66	-230.56	1.63	6.50		0.0	0.0	9
1441	38 31.32	105 54.72	8816.0	0	1264.80	43.68	-257.01	-237.65	-247.85	-229.29	1.65	10.80		0.0	0.0	10
1442	38 30.74	105 54.32	8607.0	0	1270.00	30.09	-263.46	-244.77	-254.03	-235.94	1.67	11.10		0.0	0.0	11
1443	38 28.99	105 54.59	6841.0	0	1380.40	-22.87	-256.20	-241.34	-250.73	-236.22	1.73	7.20		0.0	0.0	12
1444	38 27.85	105 54.86	7792.0	0	1324.40	12.16	-253.60	-236.68	-250.53	-233.81	1.73	4.80		0.0	0.0	13
1445	38 25.13	105 47.97	6636.0	0	1382.30	-34.59	-260.92	-246.51	-257.84	-243.63	1.72	4.80		0.0	0.0	14
1446	38 33.48	105 45.57	10575.0	0	1162.20	103.14	-257.54	-234.57	-250.06	-227.57	1.32	8.80		0.0	0.0	15
1447	38 32.64	105 47.10	11043.0	0	1124.20	110.32	-266.32	-242.33	-248.61	-225.76	1.20	18.90		0.0	0.0	16
1448	38 31.88	105 47.17	10250.0	0	1175.40	88.16	-261.43	-239.17	-248.23	-226.81	1.39	14.60		0.0	0.0	17
1449	38 31.64	105 47.00	10200.0	0	1177.40	85.81	-262.07	-239.92	-245.38	-224.29	1.41	18.10		0.0	0.0	18
1450	38 31.90	105 46.55	9476.0	0	1224.10	64.13	-259.07	-238.49	-249.81	-229.82	1.55	10.80		0.0	0.0	19
1451	38 43.59	106 3.71	7608.0	0	1330.00	-22.61	-282.09	-265.57	-281.33	-264.85	1.74	2.50		0.0	0.0	20
1452	38 42.76	106 3.22	7555.0	0	1332.00	-24.37	-282.04	-265.64	-279.38	-263.14	1.74	2.40		0.0	0.0	21
1453	38 41.64	106 2.93	7498.0	0	1336.50	-23.58	-279.31	-263.03	-276.35	-260.76	1.74	4.70		0.0	0.0	22
1454	38 41.07	106 2.54	7470.0	0	1338.70	-23.10	-277.95	-261.73	-273.49	-257.55	1.74	6.20		0.0	0.0	23
1455	38 40.24	106 2.90	7429.0	0	1341.90	-22.61	-275.99	-259.06	-272.73	-256.80	1.74	5.00		0.0	0.0	24
1456	38 39.57	106 2.87	7401.0	0	1342.80	-23.36	-275.78	-259.71	-271.92	-256.10	1.74	5.60		0.0	0.0	25
1457	38 38.79	106 2.88	7368.0	0	1346.20	-21.92	-273.21	-257.21	-269.65	-253.88	1.74	5.30		0.0	0.0	26
1458	38 37.93	106 3.54	7337.0	0	1344.80	-25.04	-275.28	-259.35	-270.52	-254.89	1.74	6.50		0.0	0.0	27
1459	38 37.28	106 3.36	7322.0	0	1345.00	-25.22	-274.95	-259.05	-271.59	-255.91	1.74	5.10		0.0	0.0	28
1460	38 36.73	106 3.58	7309.0	0	1338.20	-32.44	-281.72	-265.85	-279.76	-264.02	1.74	3.70		0.0	0.0	29
1461	38 36.87	106 4.02	7348.0	0	1334.10	-33.08	-283.70	-267.74	-282.44	-266.56	1.74	3.00		0.0	0.0	30
1462	38 33.17	105 47.39	10682.0	0	1155.90	107.34	-256.98	-233.79	-249.18	-226.48	1.29	9.10		0.0	0.0	31
1463	38 33.66	105 47.28	10595.0	0	1163.70	106.25	-255.11	-232.10	-245.12	-222.75	1.31	11.30		0.0	0.0	32
1464	38 33.54	105 48.46	10174.0	0	1188.30	91.49	-255.51	-233.42	-250.52	-228.75	1.41	6.40		0.0	0.0	33
1465	38 33.62	105 48.70	10312.0	0	1175.10	91.13	-260.57	-238.18	-252.66	-230.77	1.38	9.30		0.0	0.0	34
1466	38 32.72	105 49.22	9510.0	0	1217.20	59.22	-265.13	-244.48	-257.08	-236.94	1.54	9.60		0.0	0.0	35
1467	38 32.05	105 49.42	9085.0	0	1236.50	39.58	-270.28	-250.55	-258.19	-239.23	1.61	13.70		0.0	0.0	36
1468	38 31.91	105 50.07	8530.0	0	1270.60	21.75	-269.18	-250.66	-255.26	-237.62	1.68	15.60		0.0	0.0	37
1469	38 31.90	105 50.57	7362.0	0	1344.80	-13.78	-264.87	-248.89	-256.91	-241.43	1.74	9.70		0.0	0.0	38
1470	38 39.70	105 54.33	9915.0	0	1213.60	83.43	-254.74	-233.21	-253.70	-232.24	1.47	2.50		0.0	0.0	39
1471	38 41.07	105 54.47	9970.0	0	1206.00	78.98	-261.06	-239.41	-258.01	-236.56	1.46	4.50		0.0	0.0	40
1472	38 39.83	105 55.88	9950.0	0	1212.30	85.23	-254.13	-232.53	-253.09	-231.55	1.46	2.50		0.0	0.0	41
1473	38 37.28	105 58.11	8508.0	0	1289.40	30.61	-259.57	-241.10	-257.95	-239.58	1.68	3.30		0.0	0.0	42
1474	38 38.22	105 59.28	8665.0	0	1280.20	34.78	-260.76	-241.94	-259.92	-241.16	1.66	2.50		0.0	0.0	43
1475	38 39.04	106 0.11	9016.0	0	1253.10	40.92	-266.59	-247.01	-262.11	-242.81	1.62	6.10		0.0	0.0	44
1476	38 36.45	105 59.21	8680.0	0	1282.40	40.98	-255.06	-236.21	-254.52	-235.71	1.66	2.20		0.0	0.0	45
1477	38 36.76	105 54.24	9747.0	0	1221.80	80.16	-292.28	-231.11	-250.58	-229.52	1.50	3.20		0.0	0.0	46
1478	38 34.10	105 54.07	10460.0	0	1167.50	96.73	-260.02	-237.31	-249.07	-227.05	1.35	12.30		0.0	0.0	47
1479	38 34.57	105 54.97	9645.0	0	1223.60	75.44	-253.52	-232.57	-250.43	-229.68	1.52	4.60		0.0	0.0	48
1480	38 33.87	105 55.12	9525.0	0	1226.70	68.44	-256.42	-235.74	-251.06	-230.72	1.54	6.90		0.0	0.0	49
1481	38 33.27	105 55.44	9345.0	0	1240.00	65.71	-253.61	-232.72	-249.08	-229.04	1.57	5.50		0.0	0.0	50
1482	38 33.00	105 56.66	9260.0	0	1238.70	56.83	-259.00	-238.89	-251.69	-232.04	1.58	8.90		0.0	0.0	51

1483	38	32.36	105	57.00	9071.0	0	1249.00	50.31	-259.07	-239.37	-252.38	-233.11	1.61	8.30	0.0	0.0	52
1484	38	31.92	105	57.57	8495.0	0	1280.90	28.74	-260.99	-242.55	-255.57	-237.47	1.68	7.10	0.0	0.0	53
1485	38	31.93	105	58.40	7592.0	0	1334.20	-2.81	-261.75	-245.26	-258.79	-242.49	1.74	4.70	0.0	0.0	54
1486	38	41.61	105	58.18	10715.0	0	1152.50	94.67	-270.79	-247.52	-262.77	-240.01	1.28	9.30	0.0	0.0	55
1487	38	42.14	105	57.78	10525.0	0	1168.20	91.74	-267.23	-244.37	-261.96	-239.44	1.33	6.60	0.0	0.0	56
1488	38	42.90	105	56.93	10381.0	0	1179.40	88.30	-265.76	-243.21	-262.52	-240.18	1.37	4.60	0.0	0.0	57
1489	38	43.31	105	56.64	10180.0	0	1193.70	83.12	-264.08	-241.98	-262.49	-240.49	1.41	3.00	0.0	0.0	58
1490	38	43.61	105	56.74	10407.0	0	1176.30	86.60	-268.34	-245.74	-263.20	-240.93	1.36	6.50	0.0	0.0	59
1491	38	44.12	105	56.64	10408.0	0	1175.80	85.45	-269.53	-246.93	-263.79	-241.56	1.36	7.10	0.0	0.0	60
1492	38	43.88	105	58.70	9952.0	0	1198.90	66.07	-273.36	-251.75	-267.52	-246.28	1.46	7.30	0.0	0.0	61
1493	38	43.77	105	57.80	9754.0	0	1217.40	66.13	-266.54	-245.36	-265.14	-244.05	1.50	2.90	0.0	0.0	62
1494	38	36.42	105	53.47	9765.0	0	1217.40	77.95	-255.10	-233.90	-253.80	-232.68	1.50	2.80	0.0	0.0	63
1495	38	36.27	105	52.71	9929.0	0	1203.90	80.07	-258.57	-237.01	-256.23	-234.82	1.46	3.80	0.0	0.0	64
1496	38	42.65	106	25.47	13190.0	0	949.60	122.65	-327.22	-298.58	-307.23	-279.86	0.51	20.50	0.0	0.0	65
1497	38	43.10	106	25.33	13353.0	0	941.20	128.89	-326.54	-297.54	-303.69	-276.14	0.45	23.30	0.0	0.0	66
1498	38	43.01	106	24.63	12860.0	0	976.90	118.43	-320.18	-292.25	-308.50	-281.32	0.62	12.30	0.0	0.0	67
1499	38	42.82	106	23.67	13034.0	0	959.30	117.45	-327.10	-298.79	-308.56	-281.43	0.56	19.10	0.0	0.0	68
1500	38	43.35	106	22.81	12980.0	0	961.20	113.50	-329.20	-301.01	-310.28	-283.30	0.58	19.50	0.0	0.0	69
1501	38	43.70	106	22.35	12990.0	0	961.70	114.43	-320.62	-300.41	-310.59	-283.53	0.58	18.60	0.0	0.0	70
1502	38	43.51	106	21.69	12525.0	0	996.80	106.15	-321.04	-293.84	-309.38	-282.92	0.74	12.40	0.0	0.0	71
1503	38	38.58	106	7.30	8398.0	0	1257.80	-13.23	-299.66	-281.42	-298.25	-280.10	1.69	3.10	0.0	0.0	72
1504	38	38.69	106	8.09	8637.0	0	1243.20	-5.54	-300.12	-281.36	-298.19	-279.55	1.67	3.60	0.0	0.0	73
1505	38	39.67	106	9.99	9536.0	0	1186.20	20.47	-304.77	-284.06	-299.71	-279.32	1.54	6.60	0.0	0.0	74
1506	38	39.14	106	8.09	8409.0	0	1257.10	-13.72	-300.52	-282.26	-298.61	-280.47	1.69	3.60	0.0	0.0	75
1507	38	37.39	106	9.32	8741.0	0	1234.50	-2.57	-300.69	-281.71	-296.75	-278.01	1.65	5.60	0.0	0.0	76
1508	38	33.90	106	10.44	8802.0	0	1235.89	9.58	-290.62	-271.51	-289.07	-270.06	1.65	3.20	0.0	0.0	77
1509	38	33.04	106	9.32	8535.0	0	1251.10	1.06	-290.04	-271.51	-288.97	-270.45	1.68	2.80	0.0	0.0	78
1510	38	33.89	106	8.07	8530.0	0	1247.30	-4.46	-295.39	-276.86	-295.76	-275.34	1.68	3.30	0.0	0.0	79
1511	38	33.94	106	9.23	8760.0	0	1235.70	5.48	-293.30	-274.27	-292.05	-273.10	1.65	2.90	0.0	0.0	80
1512	38	34.78	106	10.48	9131.0	0	1214.70	18.10	-293.33	-273.50	-291.53	-271.82	1.60	3.40	0.0	0.0	81
1513	38	35.62	106	11.59	9621.0	0	1182.90	31.10	-297.04	-276.15	-293.27	-272.61	1.52	5.30	0.0	0.0	82
1514	38	40.58	106	25.38	11928.0	0	1031.50	89.09	-317.73	-291.63	-313.97	-288.31	0.94	4.70	0.0	0.0	83
1515	38	40.78	106	25.04	12718.0	0	969.80	101.27	-332.49	-304.87	-314.27	-287.81	0.67	18.90	0.0	0.0	84
1516	38	40.85	106	24.32	12663.0	0	973.80	100.01	-331.88	-304.38	-315.18	-288.74	0.69	17.40	0.0	0.0	85
1517	38	41.02	106	24.10	12287.0	0	1001.30	95.95	-323.11	-296.43	-314.93	-287.93	0.82	9.90	0.0	0.0	86
1519	38	41.01	106	23.05	12860.0	0	971.10	98.57	-340.04	-312.11	-319.87	-292.29	0.62	21.80	0.0	0.0	88
1520	38	41.32	106	22.39	11914.0	0	1026.70	81.89	-324.46	-298.58	-313.10	-287.95	0.94	12.30	0.0	0.0	89
1521	38	41.61	106	21.70	11470.0	0	1044.80	57.87	-333.33	-308.42	-324.21	-279.88	1.08	10.20	0.0	0.0	90
1522	38	37.00	106	21.15	11615.0	0	1044.20	77.65	-318.50	-293.28	-311.83	-287.03	1.03	7.70	0.0	0.0	91
1523	38	36.76	106	21.20	11615.0	0	1044.00	77.30	-318.35	-293.12	-312.38	-287.54	1.03	7.00	0.0	0.0	92
1524	38	34.31	106	19.65	10865.0	0	1091.00	57.96	-312.61	-289.01	-305.15	-282.03	1.25	8.70	0.0	0.0	93
1525	38	34.70	106	20.00	11082.0	0	1077.80	64.57	-313.40	-289.34	-304.69	-281.18	1.19	9.90	0.0	0.0	94
1526	38	33.86	106	18.90	10525.0	0	1113.90	49.59	-309.39	-286.53	-301.72	-279.35	1.33	9.00	0.0	0.0	95
1527	38	32.65	106	18.65	9902.0	0	1151.90	38.36	-302.09	-280.42	-293.25	-272.13	1.45	10.30	0.0	0.0	96
1528	38	31.54	106	19.39	10399.0	0	1129.60	56.85	-297.82	-275.24	-293.78	-271.46	1.36	5.40	0.0	0.0	97
1529	38	31.54	106	18.58	11801.0	0	1038.10	97.02	-305.47	-279.85	-290.95	-266.25	0.98	15.50	0.0	0.0	98
1530	38	31.19	106	18.42	11717.0	0	1043.00	94.54	-305.08	-279.64	-289.99	-265.50	1.00	16.10	0.0	0.0	99
1531	38	30.65	106	18.84	11376.0	0	1071.20	91.51	-296.48	-271.78	-291.29	-266.91	1.10	6.30	0.0	0.0	100
1532	38	30.34	106	18.53	11366.0	0	1069.70	89.53	-298.13	-273.45	-290.84	-266.62	1.11	8.40	0.0	0.0	101
1533	38	30.49	106	19.70	11097.0	0	1069.70	84.04	-294.44	-270.34	-291.22	-267.33	1.18	4.40	0.0	0.0	102
1534	38	30.19	106	21.80	10649.0	0	1117.20	69.91	-293.29	-270.17	-289.39	-266.51	1.30	5.20	0.0	0.0	103
1535	38	36.00	106	16.63	10522.0	0	1111.10	43.37	-315.50	-272.65	-304.93	-282.76	1.33	11.90	0.0	0.0	104
1536	38	35.16	106	17.32	10729.0	0	1100.70	52.17	-313.76	-270.46	-305.84	-283.04	1.28	9.20	0.0	0.0	105
1537	38	36.57	106	18.62	11305.0	0	1066.90	71.87	-313.71	-289.16	-307.73	-283.56	1.12	7.10	0.0	0.0	106
1538	38	36.65	106	19.25	11393.0	0	1067.50	73.61	-312.96	-288.22	-307.56	-283.16	1.10	6.50	0.0	0.0	107
1539	38	37.50	106	19.72	11701.0	0	1043.00	82.79	-315.29	-287.88	-306.30	-281.46	1.01	10.00	0.0	0.0	108
1540	38	37.67	106	19.55	11953.0	0	1026.90	91.11	-316.57	-290.61	-310.70	-285.12	0.93	6.80	0.0	0.0	109
1541	38	37.06	106	19.42	11644.0	0	1049.80	85.89	-311.25	-285.97	-306.98	-281.12	1.02	6.20	0.0	0.0	110
1542	38	36.87	106	17.78	11193.0	0	1072.40	66.41	-315.35	-291.24	-308.10	-284.26	1.16	8.40	0.0	0.0	111
1544	38	38.76	106	18.62	13723.0	0	902.60	131.39	-336.65	-306.85	-308.57	-280.55	0.31	28.40	0.0	0.0	112

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1545	38	39.16	106	18.97	13312.0	0	923.20	112.82	-341.21	-312.30	-319.87	-292.32	0.46	21.80	0.0	0.0	113
1546	38	39.67	106	19.09	13377.0	0	924.10	119.07	-337.17	-308.12	-314.31	-286.72	0.44	23.30	0.0	0.0	114
1547	38	40.21	106	19.10	13619.0	0	905.00	121.90	-342.60	-313.02	-314.35	-286.57	0.35	28.60	0.0	0.0	115
1548	38	41.87	106	19.90	11205.0	0	1074.10	61.90	-320.26	-295.93	-312.51	-283.68	1.15	8.90	0.0	0.0	116
1549	38	41.06	106	13.03	13543.0	0	911.90	120.42	-341.49	-312.08	-309.77	-282.38	0.38	32.10	0.0	0.0	117
1550	38	36.44	106	14.14	13611.0	0	902.40	124.08	-340.14	-310.59	-306.30	-278.90	0.35	34.20	0.0	0.0	118
1551	38	37.15	106	14.32	14225.0	0	858.60	136.88	-348.29	-317.40	-306.11	-277.91	0.13	42.30	0.0	0.0	119
1552	38	41.51	106	20.21	10597.0	0	1111.50	42.92	-318.58	-295.56	-311.19	-288.64	1.31	8.70	0.0	0.0	120
1553	38	40.23	106	19.94	11202.0	0	1076.60	66.53	-315.53	-291.21	-302.19	-278.71	1.15	14.50	0.0	0.0	121
1554	38	39.75	106	19.93	11202.0	0	1075.60	66.23	-315.83	-291.51	-307.09	-283.32	1.15	9.90	0.0	0.0	122
1555	38	30.01	106	23.15	9905.0	0	1158.60	41.69	-296.13	-274.62	-290.60	-269.44	1.47	7.00	0.0	0.0	123
1556	38	31.77	106	24.29	9474.0	0	1178.70	18.73	-304.40	-283.82	-297.94	-277.78	1.55	8.00	0.0	0.0	124
1557	38	32.02	106	23.98	9562.0	0	1173.10	21.03	-305.10	-284.33	-297.63	-277.34	1.53	9.00	0.0	0.0	125
1558	38	32.62	106	23.52	9807.0	0	1157.50	27.56	-306.92	-285.62	-298.81	-278.03	1.49	9.60	0.0	0.0	126
1559	38	32.92	106	23.45	9925.0	0	1154.70	26.02	-309.08	-287.75	-300.57	-279.77	1.48	10.00	0.0	0.0	127
1560	38	33.59	106	22.83	10056.0	0	1140.80	32.96	-310.01	-288.18	-301.35	-280.06	1.44	10.10	0.0	0.0	128
1561	38	34.08	106	22.45	10330.0	0	1125.90	40.13	-311.17	-290.80	-303.65	-281.76	1.38	8.90	0.0	0.0	129
1562	38	35.56	106	22.85	11250.0	0	1072.80	74.08	-309.62	-285.19	-303.46	-279.42	1.14	7.30	0.0	0.0	130
1563	38	30.37	106	28.70	9131.0	0	1209.20	19.06	-292.37	-272.54	-291.27	-271.51	1.60	2.70	0.0	0.0	131
1564	38	31.53	106	29.98	9092.0	0	1213.40	17.94	-292.16	-272.41	-290.46	-270.83	1.61	3.30	0.0	0.0	132
1565	38	30.79	106	27.31	9038.0	0	1215.30	15.81	-292.45	-272.82	-291.66	-272.09	1.62	2.40	0.0	0.0	133
1566	38	31.65	106	29.39	9156.0	0	1207.90	18.24	-294.04	-274.16	-289.04	-269.48	1.60	6.60	0.0	0.0	134
1567	38	39.76	106	15.29	13168.0	0	955.10	124.69	-322.38	-293.92	-306.32	-278.88	0.54	16.60	0.0	0.0	135
1568	38	40.45	106	14.74	14269.0	0	855.00	132.57	-354.10	-323.11	-311.31	-283.05	0.11	42.90	0.0	0.0	136
1569	38	39.18	106	16.19	12819.0	0	973.90	117.21	-320.01	-292.17	-307.45	-280.41	0.64	13.20	0.0	0.0	137
1570	38	39.09	106	15.07	12744.0	0	976.60	112.99	-321.66	-293.98	-293.92	-272.70	0.66	23.40	0.0	0.0	138
1571	38	39.89	106	17.57	11798.0	0	1043.90	90.29	-312.10	-286.47	-304.97	-279.81	0.98	8.10	0.0	0.0	139
1572	38	39.30	106	16.96	13874.0	0	890.00	132.18	-341.02	-310.89	-306.28	-278.36	0.26	35.00	0.0	0.0	141
1573	38	38.95	106	17.53	13235.0	0	946.80	129.50	-321.90	-293.16	-306.59	-278.33	0.49	15.80	0.0	0.0	142
1574	38	38.52	106	17.71	13607.0	0	916.46	134.65	-329.43	-299.89	-307.79	-279.62	0.36	22.00	0.0	0.0	143
1575	38	38.00	106	17.50	13600.0	0	911.20	129.56	-334.29	-304.76	-308.25	-280.37	0.36	26.40	0.0	0.0	144
1576	38	37.60	106	17.00	13570.0	0	906.60	122.73	-340.10	-310.63	-313.07	-296.07	0.37	26.60	0.0	0.0	145
1577	38	37.60	106	16.50	12612.0	0	987.40	113.59	-316.56	-289.18	-306.18	-279.45	0.71	11.10	0.0	0.0	146
1578	38	38.82	106	29.50	10400.0	0	1129.50	46.17	-308.54	-285.95	-304.20	-281.89	1.36	5.70	0.0	0.0	147
1579	38	38.27	106	28.14	9841.0	0	1158.00	22.98	-312.67	-291.30	-305.65	-284.73	1.48	8.50	0.0	0.0	148
1580	38	37.50	106	28.52	9652.0	0	1171.20	19.55	-309.65	-288.69	-302.66	-282.43	1.52	8.20	0.0	0.0	149
1581	38	36.89	106	29.18	9486.0	0	1183.50	17.15	-306.38	-285.78	-300.63	-280.40	1.55	7.30	0.0	0.0	150
1582	38	36.19	106	28.03	9711.0	0	1171.20	27.01	-304.19	-283.11	-299.70	-278.90	1.51	6.00	0.0	0.0	151
1583	38	37.27	106	25.60	10193.0	0	1132.30	31.80	-315.84	-293.71	-306.55	-285.01	1.41	10.70	0.0	0.0	152
1584	38	37.70	106	23.81	11454.0	0	1059.00	76.30	-314.35	-289.48	-307.63	-283.19	1.08	7.80	0.0	0.0	153
1585	38	35.61	106	10.48	9370.0	0	1200.30	24.93	-294.65	-274.30	-292.31	-272.11	1.57	3.90	0.0	0.0	154
1586	38	35.96	106	11.23	9704.0	0	1178.10	33.59	-297.38	-276.30	-293.68	-272.85	1.51	5.20	0.0	0.0	155
1587	38	35.63	106	9.30	8942.0	0	1225.30	9.70	-295.28	-275.86	-292.91	-273.64	1.63	4.00	0.0	0.0	156
1588	38	35.59	106	8.08	8332.0	0	1259.90	12.95	-297.13	-279.03	-295.62	-277.62	1.70	3.20	0.0	0.0	157
1589	38	36.50	106	9.30	8974.0	0	1222.30	8.43	-297.64	-278.16	-295.17	-275.84	1.63	4.10	0.0	0.0	158
1590	38	36.48	106	8.11	8595.0	0	1244.50	-5.89	-298.69	-280.05	-296.98	-278.43	1.67	3.40	0.0	0.0	159
1591	38	31.01	106	4.23	7465.0	0	1312.00	-35.60	-290.20	-273.99	-288.84	-272.72	1.74	3.10	0.0	0.0	160
1592	38	32.01	106	0.15	7080.0	0	1353.50	-31.74	-273.21	-257.84	-271.75	-256.47	1.74	3.20	0.0	0.0	161
1593	38	32.64	106	0.35	7656.0	0	1357.70	-30.72	-271.37	-256.05	-269.91	-254.68	1.74	3.20	0.0	0.0	162
1594	38	32.42	106	0.36	7505.0	0	1319.30	-23.68	-279.65	-263.35	-277.98	-261.79	1.74	3.40	0.0	0.0	163
1595	38	29.53	106	0.38	7918.0	0	1294.90	-7.97	-278.02	-260.83	-275.45	-258.42	1.72	4.30	0.0	0.0	164
1596	38	33.00	106	12.79	9004.0	0	1223.40	17.48	-289.62	-270.07	-286.74	-267.37	1.62	4.50	0.0	0.0	165
1597	38	31.33	106	20.50	11917.0	0	1028.20	98.32	-308.13	-282.25	-295.97	-270.86	0.94	13.10	0.0	0.0	166
1598	38	32.04	106	21.20	12129.0	0	1012.40	101.39	-312.29	-285.95	-298.97	-273.47	0.87	14.20	0.0	0.0	167
1599	38	32.56	106	21.37	12239.0	0	1004.20	102.75	-314.68	-288.10	-302.91	-276.24	0.84	13.50	0.0	0.0	168
1600	38	33.19	106	20.95	12951.0	0	959.60	113.69	-324.61	-296.70	-302.94	-276.41	0.63	22.30	0.0	0.0	169
1601	38	33.59	106	20.72	12515.0	0	984.90	107.87	-318.97	-291.79	-304.71	-278.44	0.74	15.00	0.0	0.0	170
1602	38	34.06	106	20.60	12935.0	0	950.20	111.90	-329.26	-301.18	-303.56	-277.11	0.60	26.30	0.0	0.0	171
1603	38	34.59	106	21.05	12987.0	0	942.60	115.61	-327.53	-299.33	-301.41	-274.87	0.58	26.70	0.0	0.0	172
1604	38	35.56	106	21.45	13375.0	0	922.50	123.31	-332.86	-303.82	-306.30	-278.95	0.44	27.00	0.0	0.0	173

1607	38	39.94	106	21.54	13237.0	0	934.70	123.88	-328.27	-299.48	-302.76	✓	-273.59	0.48	26.00	0.0	0.0	174
1608	38	36.37	106	21.85	13056.0	0	950.70	120.38	-324.92	-296.57	-302.17	✓	-275.27	0.56	23.30	0.0	0.0	175
1609	38	44.36	106	20.59	12310.0	0	1014.20	102.11	-317.74	-291.01	-309.65	✓	-283.43	0.81	8.90	0.0	0.0	176
1610	38	44.35	106	19.85	13093.0	0	951.00	112.44	-334.11	-305.68	-311.05	✓	-284.09	0.54	23.60	0.0	0.0	177
1611	38	44.09	106	18.71	13324.0	0	930.60	114.11	-340.32	-311.39	-314.18	✓	-286.91	0.46	26.60	0.0	0.0	178
1612	38	44.29	106	18.28	13344.0	0	931.00	116.11	-339.01	-310.03	-311.06	✓	-293.86	0.45	28.40	0.0	0.0	179
1613	38	44.37	106	17.55	12795.0	0	975.70	109.14	-327.26	-299.47	-309.61	✓	-282.94	0.65	18.30	0.0	0.0	180
1614	38	44.45	106	17.09	12055.0	0	971.70	110.65	-327.79	-299.87	-310.81	✓	-283.98	0.63	17.60	0.0	0.0	181
1616	38	27.84	106	5.80	8235.0	0	1268.30	-2.31	-283.18	-265.29	-275.78	✓	-258.37	1.70	9.10	0.0	0.0	183
1617	38	26.52	106	6.92	8462.0	0	1253.20	5.85	-282.76	-264.38	-279.64	✓	-261.47	1.68	4.80	0.0	0.0	184
1618	38	26.72	106	8.84	9362.0	0	1198.60	35.51	-283.80	-263.47	-273.27	✓	-253.61	1.57	12.10	0.0	0.0	185
1619	38	26.97	106	7.99	8976.0	0	1227.60	20.49	-282.24	-262.97	-280.68	✓	-261.51	1.64	3.20	0.0	0.0	186
1620	38	23.48	106	14.87	10846.0	0	1099.80	80.84	-289.08	-265.53	-286.23	✓	-262.86	1.25	4.10	0.0	0.0	187
1621	38	22.67	106	14.60	10876.0	0	1096.00	81.04	-289.90	-266.29	-287.05	✓	-263.61	1.24	4.10	0.0	0.0	188
1622	38	21.37	106	5.71	10408.0	0	1086.10	76.05	-295.99	-272.30	-286.62	✓	-263.53	1.23	10.60	0.0	0.0	189
1623	38	23.83	106	16.78	11412.0	0	1054.00	92.07	-297.15	-272.37	-289.65	✓	-265.34	1.09	8.60	0.0	0.0	190
1624	38	42.58	106	26.58	12776.0	0	982.00	116.28	-319.47	-291.72	-305.72	✓	-278.85	0.65	14.40	0.0	0.0	191
1625	38	42.85	106	26.76	12664.0	0	989.50	112.87	-319.06	-291.56	-306.85	✓	-280.13	0.69	12.90	0.0	0.0	192
1626	38	43.27	106	26.93	12613.0	0	994.60	112.56	-317.62	-290.23	-303.33	✓	-276.85	0.71	15.00	0.0	0.0	193
1627	38	43.59	106	26.98	12624.0	0	994.90	113.42	-317.14	-289.72	-302.74	✓	-276.25	0.71	15.10	0.0	0.0	194
1628	38	43.97	106	26.70	12500.0	0	1033.40	109.72	-316.61	-289.46	-303.26	✓	-276.96	0.75	14.10	0.0	0.0	195
1629	38	44.32	106	26.47	12001.0	0	1036.90	95.75	-313.56	-287.50	-304.17	✓	-278.71	0.91	10.30	0.0	0.0	196
1630	38	39.37	106	24.93	11962.0	0	1033.20	95.76	-312.23	-286.25	-307.65	✓	-281.97	0.93	5.50	0.0	0.0	197
1631	38	35.53	106	19.40	13366.0	0	922.50	122.51	-333.35	-304.33	-310.50	✓	-282.93	0.44	23.30	0.0	0.0	193
1632	38	35.16	106	19.17	13771.0	0	891.05	129.58	-340.10	-310.20	-305.10	✓	-277.42	0.30	35.30	0.0	0.0	199
1633	38	34.99	106	17.93	13657.0	0	899.30	127.42	-338.37	-308.71	-302.11	✓	-274.76	0.34	26.60	0.0	0.0	200
1634	38	35.33	106	17.05	12223.0	0	1006.80	99.72	-317.17	-290.62	-304.21	✓	-278.49	0.84	13.80	0.0	0.0	201
1635	38	35.11	106	16.47	12707.0	0	970.00	108.76	-324.63	-297.04	-299.61	✓	-273.61	0.68	25.70	0.0	0.0	202
1636	38	35.09	106	15.86	12623.0	0	972.60	103.51	-327.01	-299.60	-298.82	✓	-273.20	0.71	28.90	0.0	0.0	203
1637	38	34.86	106	14.20	11166.0	0	1071.50	65.92	-314.91	-290.67	-297.38	✓	-274.25	1.16	18.70	0.0	0.0	204
1638	38	36.48	106	22.29	11669.0	0	1045.40	84.68	-313.31	-287.97	-305.92	✓	-281.05	1.02	6.40	0.0	0.0	205
1639	38	36.21	106	22.95	11979.0	0	1028.30	97.00	-311.47	-285.46	-305.59	✓	-279.96	0.92	6.80	0.0	0.0	206
1640	38	36.00	106	23.40	12111.0	0	1020.10	101.59	-311.47	-285.17	-304.85	✓	-278.97	0.88	7.50	0.0	0.0	207
1641	38	35.90	106	23.78	12630.0	0	979.10	109.47	-321.30	-293.87	-306.12	✓	-279.83	0.70	15.70	0.0	0.0	208
1642	38	36.56	106	24.09	12190.0	0	1010.00	98.09	-317.67	-291.20	-306.62	✓	-280.86	0.85	11.90	0.0	0.0	209
1643	38	36.63	106	24.78	12302.0	0	1022.30	100.80	-316.78	-292.06	-305.59	✓	-279.72	0.81	14.30	0.0	0.0	210
1644	38	36.33	106	25.96	11951.0	0	1021.80	87.70	-319.82	-293.87	-307.35	✓	-282.20	0.93	13.40	0.0	0.0	211
1645	38	36.20	106	26.42	11451.0	0	1059.20	78.42	-312.13	-287.27	-304.01	✓	-279.66	1.08	9.20	0.0	0.0	212
1646	38	35.62	106	25.59	10338.0	0	1128.40	43.94	-308.65	-286.20	-303.13	✓	-281.03	1.37	6.90	0.0	0.0	213
1647	38	51.27	106	20.92	12955.0	0	976.40	114.72	-327.13	-293.99	-308.42	✓	-281.48	0.59	19.30	0.0	0.0	214
1648	38	51.03	106	19.39	13695.0	0	925.20	124.90	-339.12	-309.57	-310.17	✓	-292.47	0.36	29.30	0.0	0.0	215
1649	38	50.63	106	18.79	14194.0	0	874.30	129.88	-354.23	-323.40	-309.66	✓	-281.68	0.14	44.70	0.0	0.0	216
1650	38	50.00	106	18.40	13440.0	0	927.60	113.32	-345.07	-315.88	-308.69	✓	-281.82	0.42	36.80	0.0	0.0	217
1651	38	54.59	106	15.95	12598.0	0	1008.10	108.03	-321.65	-294.29	-304.66	✓	-278.39	0.72	17.70	0.0	0.0	218
1652	38	54.47	106	17.13	13750.0	0	923.20	131.46	-337.51	-307.65	-306.71	✓	-278.81	0.30	31.10	0.0	0.0	219
1653	38	54.23	106	17.82	14071.0	0	893.60	132.35	-347.97	-317.01	-310.05	✓	-281.88	0.18	37.70	0.0	0.0	220
1654	38	53.53	106	17.45	13515.0	0	937.50	125.08	-335.87	-306.52	-307.34	✓	-279.83	0.39	28.90	0.0	0.0	221
1655	38	53.50	106	16.02	12738.0	0	992.10	106.77	-327.68	-300.01	-304.33	✓	-278.17	0.67	24.30	0.0	0.0	222
1656	38	25.34	106	13.49	13971.0	0	880.20	151.94	-324.56	-294.22	-275.23	✓	-248.08	0.22	49.50	0.0	0.0	223
1657	38	26.20	106	12.65	12360.0	0	1036.50	125.73	-295.83	-288.99	-275.62	✓	-259.07	0.60	21.00	0.0	0.0	224
1658	38	26.37	106	11.65	11902.0	0	1034.60	110.58	-295.36	-269.92	-276.31	✓	-251.67	0.94	20.00	0.0	0.0	225
1659	38	26.63	106	10.91	11269.0	0	1079.00	94.31	-289.73	-265.28	-276.47	✓	-252.86	1.14	14.40	0.0	0.0	226
1660	38	26.98	106	10.25	10569.0	0	1125.30	75.29	-285.27	-262.32	-277.39	✓	-254.94	1.32	9.20	0.0	0.0	227
1661	38	44.17	106	12.80	12132.0	0	1013.20	84.68	-329.10	-302.76	-302.38	✓	-277.73	0.87	27.60	0.0	0.0	228
1662	38	44.48	106	13.50	13273.0	0	927.30	105.45	-347.24	-313.42	-308.52	✓	-282.16	0.48	39.20	0.0	0.0	229
1663	38	44.95	106	14.52	14197.0	0	862.40	126.61	-357.01	-326.78	-310.24	✓	-282.43	0.14	47.50	0.0	0.0	230
1664	38	26.80	106	0.62	11675.0	0	1055.20	109.23	-288.96	-263.61	-264.18	✓	-240.40	1.01	25.80	0.0	0.0	231
1665	38	25.22	106	59.00	12051.0	0	1031.00	122.65	-288.37	-262.20	-258.07	✓	-233.82	0.90	31.20	0.0	0.0	232
1666	38	24.60	106	59.19	12391.0	0	1098.90	133.38	-289.23	-262.32	-257.92	✓	-233.00	0.79	32.10	0.0	0.0	233
1667	38	24.21	106	57.61	12391.0	0	1038.00	133.55	-289.56	-262.65	-259.74	✓	-234.74	0.79	30.60	0.0	0.0	234

1668	33	23.86	105	57.57	12525.0	0	995.80	133.95	-293.24	-266.04	-260.18	✓	-235.08	0.74	33.80	0.0	0.0	235
1669	38	23.60	105	57.00	12570.0	0	994.70	137.46	-291.26	-263.97	-259.49	✓	-234.22	0.72	32.50	0.0	0.0	236
1670	33	22.99	105	56.69	13067.0	0	951.60	141.91	-303.76	-275.38	-259.31	✓	-233.76	0.55	45.00	0.0	0.0	237
1671	38	22.60	105	56.35	12561.0	0	995.20	138.57	-289.84	-262.56	-259.57	✓	-234.22	0.73	31.00	0.0	0.0	238
1672	38	21.89	105	56.52	12014.0	0	1032.10	125.15	-284.61	-258.52	-256.41	✓	-232.12	0.91	29.10	0.0	0.0	239
1673	38	21.85	106	22.68	14067.0	0	893.50	128.02	-351.76	-321.21	-320.84	✓	-292.26	0.19	31.10	0.0	0.0	240
1674	38	21.49	106	23.15	13784.0	0	912.50	119.51	-350.61	-320.68	-323.40	✓	-295.20	0.29	27.30	0.0	0.0	241
1675	38	21.91	106	23.33	13674.0	0	918.30	114.37	-352.91	-322.31	-324.44	✓	-296.50	0.33	27.90	0.0	0.0	242
1676	38	21.62	106	23.60	12395.0	0	1007.70	82.69	-340.06	-313.15	-325.65	✓	-299.65	0.78	15.20	0.0	0.0	243
1677	38	16.29	106	7.34	10116.0	0	1124.50	47.49	-297.53	-275.56	-293.65	✓	-271.93	1.42	5.30	0.0	0.0	244
1678	38	16.63	106	9.35	9400.0	0	1168.10	23.34	-297.26	-276.85	-295.22	✓	-274.94	1.56	3.60	0.0	0.0	245
1679	38	17.49	106	10.46	9748.0	0	1143.90	30.57	-301.90	-280.73	-299.20	✓	-278.20	1.50	4.20	0.0	0.0	246
1680	38	17.08	106	6.90	12030.0	0	1037.80	106.46	-303.84	-277.71	-287.24	✓	-262.17	0.90	17.50	0.0	0.0	247
1681	38	19.30	106	6.40	12142.0	0	1001.30	110.16	-303.96	-277.59	-289.53	✓	-263.15	0.87	16.30	0.0	0.0	248
1682	38	27.62	106	0.78	11240.0	0	1086.50	98.48	-284.88	-260.47	-263.62	✓	-240.57	1.14	22.40	0.0	0.0	249
1683	38	27.17	106	1.02	11655.0	0	1055.90	107.51	-290.00	-264.69	-268.22	✓	-244.30	1.02	22.80	0.0	0.0	250
1684	38	27.23	106	1.81	11076.0	0	1101.10	98.25	-279.52	-255.46	-267.00	✓	-243.75	1.19	13.70	0.0	0.0	251
1685	38	27.43	106	3.49	10594.0	0	1131.70	83.29	-279.04	-255.03	-269.05	✓	-246.62	1.31	10.30	0.0	0.0	252
1686	38	26.97	106	3.58	10510.0	0	1136.40	80.77	-277.69	-254.87	-269.72	✓	-247.41	1.33	9.30	0.0	0.0	253
1687	38	26.24	106	3.60	9581.0	0	1199.80	57.98	-268.79	-247.99	-266.52	✓	-245.86	1.53	3.80	0.0	0.0	254
1688	38	25.94	106	4.17	9215.0	0	1215.70	39.94	-274.35	-254.34	-273.54	✓	-253.58	1.59	2.40	0.0	0.0	255
1689	38	25.37	106	4.85	9003.0	0	1221.20	26.36	-280.70	-261.15	-280.52	✓	-260.98	1.62	1.80	0.0	0.0	256
1690	38	36.77	105	51.02	10443.0	0	1171.30	95.02	-261.16	-238.48	-253.11	✓	-230.94	1.35	9.40	0.0	0.0	257
1691	38	35.50	105	51.49	9372.0	0	1235.30	60.28	-259.37	-239.61	-255.43	✓	-235.33	1.57	5.50	0.0	0.0	258
1692	38	37.32	105	53.93	10445.0	0	1176.10	99.20	-257.04	-234.36	-249.79	✓	-227.57	1.35	8.60	0.0	0.0	259
1693	38	37.80	105	54.90	10993.0	0	1135.90	109.76	-265.17	-241.30	-249.58	✓	-226.70	1.21	16.80	0.0	0.0	260
1694	38	38.63	105	50.74	9117.0	0	1256.80	53.24	-257.71	-237.91	-257.92	✓	-238.10	1.61	1.40	0.0	0.0	261
1695	38	28.74	106	18.65	11338.0	0	1086.10	70.43	-316.27	-291.65	-310.18	✓	-285.95	1.11	7.20	0.0	0.0	262
1696	38	23.68	106	8.02	8608.0	0	1247.30	10.50	-283.08	-264.39	-280.35	✓	-261.83	1.67	4.40	0.0	0.0	263
1697	38	29.70	106	9.25	9462.0	0	1199.00	42.40	-280.31	-259.77	-278.27	✓	-257.85	1.55	3.60	0.0	0.0	264
1698	38	29.02	106	9.11	9642.0	0	1187.30	47.14	-281.72	-260.78	-277.43	✓	-256.77	1.52	5.80	0.0	0.0	265
1699	38	29.55	106	10.27	9114.0	0	1224.50	33.97	-276.88	-257.09	-274.69	✓	-255.03	1.61	3.80	0.0	0.0	266
1700	38	29.37	106	12.11	10822.0	0	1114.10	84.26	-284.84	-261.34	-273.50	✓	-250.72	1.26	12.60	0.0	0.0	267
1701	38	30.67	106	14.82	11361.0	0	1080.40	99.27	-288.21	-263.54	-278.52	✓	-254.47	1.11	10.80	0.0	0.0	268
1702	38	15.66	105	52.80	8211.0	0	1265.50	10.46	-269.59	-251.76	-267.50	✓	-249.80	1.71	3.80	0.0	0.0	269
1703	38	15.37	105	51.80	8457.0	0	1253.70	22.19	-266.25	-247.83	-263.13	✓	-244.96	1.68	4.80	0.0	0.0	270
1704	38	15.90	105	51.26	8926.0	0	1229.90	41.68	-262.75	-243.37	-256.39	✓	-237.41	1.63	8.00	0.0	0.0	271
1705	38	17.57	105	50.97	10709.0	0	1131.30	108.12	-257.13	-233.88	-248.32	✓	-225.62	1.29	10.10	0.0	0.0	272
1706	38	53.11	106	27.03	11626.0	0	1059.60	70.43	-326.39	-300.84	-320.12	✓	-295.25	1.03	7.00	0.0	0.0	273
1707	38	53.03	106	27.09	12299.0	0	1015.20	88.17	-331.31	-304.60	-319.42	✓	-293.47	0.82	12.70	0.0	0.0	274
1708	38	54.10	106	26.96	12453.0	0	1004.00	91.03	-333.70	-306.65	-321.16	✓	-294.92	0.76	13.30	0.0	0.0	275
1709	38	52.78	106	27.86	11465.0	0	1067.80	63.26	-327.77	-302.87	-321.64	✓	-297.14	1.08	7.20	0.0	0.0	276
1710	38	56.69	106	25.09	11785.0	0	1050.80	71.43	-330.51	-304.92	-323.19	✓	-298.07	0.98	8.30	0.0	0.0	277
1711	38	56.72	106	26.25	14003.0	0	882.10	110.80	-366.79	-336.38	-327.10	✓	-299.22	0.21	39.90	0.0	0.0	278
1712	38	57.34	106	26.19	13823.0	0	922.90	105.63	-355.59	-326.23	-323.43	✓	-300.84	0.39	27.50	0.0	0.0	279
1713	38	57.58	106	25.65	13462.0	0	925.90	102.55	-356.59	-327.36	-329.00	✓	-301.52	0.41	28.00	0.0	0.0	280
1714	38	58.07	106	25.80	13060.0	0	956.60	94.79	-350.64	-322.28	-328.90	✓	-301.92	0.55	22.30	0.0	0.0	281
1715	38	58.37	106	25.58	12711.0	0	963.50	87.26	-353.09	-325.06	-327.90	✓	-301.47	0.61	25.80	0.0	0.0	282
1716	38	58.48	106	21.67	13298.0	0	950.50	110.43	-343.12	-314.24	-318.79	✓	-291.46	0.47	24.80	0.0	0.0	283
1717	38	57.63	106	21.62	14196.0	0	887.80	133.28	-350.90	-320.07	-318.73	✓	-289.95	0.14	32.30	0.0	0.0	284
1718	38	57.19	106	21.32	13991.0	0	923.50	130.38	-346.80	-316.42	-318.51	✓	-289.93	0.21	28.50	0.0	0.0	285
1719	38	35.05	106	23.20	12431.0	0	988.70	101.63	-322.35	-295.35	-306.42	✓	-290.44	0.77	16.70	0.0	0.0	286
1720	38	35.27	106	23.81	12598.0	0	981.70	109.99	-319.69	-292.33	-305.60	✓	-279.33	0.72	14.60	0.0	0.0	287
1721	38	35.10	106	24.16	12525.0	0	988.80	110.40	-316.70	-289.50	-303.94	✓	-277.55	0.74	13.50	0.0	0.0	288
1722	38	34.66	106	24.15	12597.0	0	981.30	110.39	-319.25	-291.90	-303.37	✓	-277.02	0.72	16.60	0.0	0.0	289
1723	38	33.95	106	25.20	11820.0	0	1030.70	87.87	-315.27	-289.60	-305.54	✓	-270.49	0.97	10.70	0.0	0.0	290
1724	38	34.05	106	26.00	11330.0	0	1070.20	81.21	-305.22	-280.61	-300.33	✓	-276.04	1.12	6.00	0.0	0.0	291
1725	38	32.91	106	26.69	11255.0	0	1078.30	77.78	-304.39	-280.66	-297.74	✓	-274.77	1.15	6.80	0.0	0.0	292
1726	38	33.52	106	26.89	11356.0	0	1063.90	77.98	-309.33	-284.67	-300.44	✓	-276.35	1.11	10.00	0.0	0.0	293
1727	38	53.57	106	27.56	13046.0	0	961.90	105.39	-339.57	-311.24	-316.32	✓	-289.47	0.56	23.80	0.0	0.0	294
1728	38	54.39	106	22.38	13694.0	0	918.80	121.92	-345.14	-315.40	-316.76	✓	-288.83	0.37	28.70	0.0	0.0	295

1729	38	54.40	106	22.00	13766.0	0	912.30	122.16	-347.35	-317.45	-317.14	-289.17	0.30	30.50	0.0	0.0	296
1730	39	21.53	106	1.97	12991.0	0	1027.90	111.92	-326.38	-298.48	-312.21	-285.21	0.63	14.80	0.0	0.0	297
1731	39	21.76	106	1.22	12989.0	0	1021.70	118.34	-324.67	-296.47	-309.65	-282.40	0.58	15.60	0.0	0.0	298

IC2191

RACEBACK FOLLOWS-	ROUTINE	ISN	REG. 14	REG. 15	REG. 0	REG. 1
	IBCOM		A208J0D8	00087458	00000001	000881E6
	MAIN		0001593A	0107E7F0	FD000008	00081FF8

ENTRY POINT= 0107E7F0

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