

COMPANY COG Operating LLC
 FIELD Lea County, NM (NAD 27 NME)
 SITE Stove Pipe Federal Com
 WELL #603H
 WELLPATH OH
 DESIGN OH
 DEPTHUNT (usft)

WELL INFO

MAP DATUM NAD 1927 (NADCON CONUS)
 MAP SYSTEM US State Plane 1927 (Exact solution)
 MAP ZONE New Mexico East 3001
 WELL LAT 32.167342
 WELL LON -103.413365
 WELL EW MAI 784671.6
 WELL NS MAP 425816.6
 CONVERGENC 0.49
 MAGMODEL HDGM
 DECLINATION 6.55
 NORTH REF Grid
 GROUND ELE\ 3347.4
 KB ELEVN 3378.4
 VS AZI 174.7

SURVEY PROGRAM

- 1 100.00 - 9870.00 SURVEY #3 : SDI STANDARD KEEPER
- 2 9973.00 - 23469.00 SURVEY #4 : SUPERIOR QC
- 3 23520.00 - 23520.00 PROJECTION : PROJECT

SURVEY LIST

Measured Depth MD	Inclination INC	Azimuth AZI	Course Length CL	True Vertical TVD	SubSea SSTVD	TVD	Local N/-S NS
0.00	0.00	0.00	0.00	0.00		3378.40	0.00
100.00	0.87	267.88	100.00	100.00		3278.40	-0.03
125.00	0.97	269.91	25.00	124.99		3253.41	-0.04
150.00	1.05	269.13	25.00	149.99		3228.41	-0.04
175.00	1.05	270.88	25.00	174.99		3203.42	-0.04
200.00	1.01	267.63	25.00	199.98		3178.42	-0.05
225.00	0.87	254.86	25.00	224.98		3153.42	-0.10
250.00	0.77	257.58	25.00	249.98		3128.43	-0.19
275.00	0.76	244.79	25.00	274.97		3103.43	-0.30
300.00	0.68	244.24	25.00	299.97		3078.43	-0.43
325.00	0.73	236.20	25.00	324.97		3053.43	-0.58
350.00	0.72	242.77	25.00	349.97		3028.43	-0.75

375.00	0.66	242.86	25.00	374.97	3003.44	-0.88
400.00	0.72	244.61	25.00	399.96	2978.44	-1.02
425.00	0.69	246.90	25.00	424.96	2953.44	-1.14
450.00	0.73	246.48	25.00	449.96	2928.44	-1.26
475.00	0.72	246.49	25.00	474.96	2903.44	-1.39
500.00	0.69	258.61	25.00	499.96	2878.44	-1.48
525.00	0.75	256.53	25.00	524.95	2853.45	-1.55
550.00	0.66	251.96	25.00	549.95	2828.45	-1.63
575.00	0.65	251.82	25.00	574.95	2803.45	-1.72
600.00	0.60	253.23	25.00	599.95	2778.45	-1.80
625.00	0.45	272.31	25.00	624.95	2753.45	-1.84
650.00	0.49	284.98	25.00	649.95	2728.45	-1.81
675.00	0.49	279.40	25.00	674.95	2703.45	-1.76
700.00	0.57	265.89	25.00	699.95	2678.46	-1.75
725.00	0.44	265.65	25.00	724.94	2653.46	-1.77
750.00	0.41	262.68	25.00	749.94	2628.46	-1.79
775.00	0.33	254.98	25.00	774.94	2603.46	-1.82
800.00	0.24	254.24	25.00	799.94	2578.46	-1.85
825.00	0.21	236.98	25.00	824.94	2553.46	-1.89
850.00	0.14	220.17	25.00	849.94	2528.46	-1.94
875.00	0.09	175.12	25.00	874.94	2503.46	-1.98
900.00	0.10	220.60	25.00	899.94	2478.46	-2.02
925.00	0.15	222.10	25.00	924.94	2453.46	-2.06
950.00	0.13	198.32	25.00	949.94	2428.46	-2.11
975.00	0.15	207.49	25.00	974.94	2403.46	-2.17
1000.00	0.02	86.93	25.00	999.94	2378.46	-2.19
1025.00	0.11	64.34	25.00	1024.94	2353.46	-2.18
1050.00	0.19	83.23	25.00	1049.94	2328.46	-2.17
1075.00	0.23	51.41	25.00	1074.94	2303.46	-2.13
1100.00	0.29	67.00	25.00	1099.94	2278.46	-2.08
1125.00	0.31	56.56	25.00	1124.94	2253.46	-2.01
1150.00	0.40	44.42	25.00	1149.94	2228.46	-1.91
1175.00	0.36	33.57	25.00	1174.94	2203.46	-1.79
1200.00	0.30	34.66	25.00	1199.94	2178.46	-1.67
1225.00	0.29	24.36	25.00	1224.94	2153.46	-1.56
1250.00	0.22	35.13	25.00	1249.94	2128.46	-1.46
1275.00	0.23	47.86	25.00	1274.94	2103.46	-1.39
1300.00	0.28	59.40	25.00	1299.94	2078.46	-1.32
1325.00	0.30	50.67	25.00	1324.94	2053.46	-1.25
1350.00	0.31	57.68	25.00	1349.94	2028.46	-1.17
1375.00	0.29	49.32	25.00	1374.94	2003.46	-1.09
1400.00	0.26	51.12	25.00	1399.94	1978.46	-1.02
1425.00	0.24	60.61	25.00	1424.94	1953.46	-0.96
1450.00	0.23	70.97	25.00	1449.94	1928.46	-0.91

1475.00	0.20	100.08	25.00	1474.94	1903.46	-0.91
1500.00	0.21	104.09	25.00	1499.94	1878.46	-0.92
1525.00	0.29	107.64	25.00	1524.94	1853.46	-0.95
1550.00	0.29	110.09	25.00	1549.94	1828.46	-1.00
1575.00	0.29	101.67	25.00	1574.94	1803.47	-1.03
1600.00	0.24	108.70	25.00	1599.94	1778.47	-1.06
1625.00	0.25	111.39	25.00	1624.94	1753.47	-1.10
1650.00	0.20	112.77	25.00	1649.94	1728.47	-1.13
1675.00	0.17	115.25	25.00	1674.93	1703.47	-1.17
1700.00	0.20	118.56	25.00	1699.93	1678.47	-1.20
1725.00	0.28	120.24	25.00	1724.93	1653.47	-1.25
1750.00	0.29	119.03	25.00	1749.93	1628.47	-1.32
1775.00	0.31	105.48	25.00	1774.93	1603.47	-1.36
1800.00	0.31	99.70	25.00	1799.93	1578.47	-1.39
1825.00	0.29	89.93	25.00	1824.93	1553.47	-1.40
1850.00	0.31	117.06	25.00	1849.93	1528.47	-1.44
1875.00	0.43	120.33	25.00	1874.93	1503.47	-1.51
1900.00	0.48	124.61	25.00	1899.93	1478.47	-1.62
1925.00	0.48	112.91	25.00	1924.93	1453.47	-1.72
1950.00	0.51	113.26	25.00	1949.93	1428.47	-1.81
1975.00	0.58	121.22	25.00	1974.93	1403.47	-1.91
2000.00	0.57	126.82	25.00	1999.93	1378.47	-2.05
2025.00	0.63	125.60	25.00	2024.93	1353.47	-2.21
2050.00	0.69	128.71	25.00	2049.92	1328.48	-2.38
2075.00	0.75	128.79	25.00	2074.92	1303.48	-2.58
2100.00	0.85	125.16	25.00	2099.92	1278.48	-2.79
2125.00	0.84	126.14	25.00	2124.92	1253.48	-3.00
2150.00	0.83	127.21	25.00	2149.91	1228.49	-3.22
2175.00	0.73	127.60	25.00	2174.91	1203.49	-3.43
2200.00	0.82	131.44	25.00	2199.91	1178.49	-3.64
2225.00	0.84	135.93	25.00	2224.91	1153.49	-3.89
2250.00	0.90	143.28	25.00	2249.90	1128.50	-4.18
2275.00	0.89	137.91	25.00	2274.90	1103.50	-4.48
2300.00	0.84	139.64	25.00	2299.90	1078.50	-4.77
2325.00	0.82	145.15	25.00	2324.90	1053.51	-5.05
2350.00	0.92	145.31	25.00	2349.89	1028.51	-5.37
2375.00	0.94	143.06	25.00	2374.89	1003.51	-5.70
2400.00	0.93	141.52	25.00	2399.89	978.51	-6.02
2425.00	0.94	144.84	25.00	2424.88	953.52	-6.34
2450.00	0.99	133.90	25.00	2449.88	928.52	-6.66
2475.00	0.98	133.92	25.00	2474.88	903.53	-6.96
2500.00	1.07	123.57	25.00	2499.87	878.53	-7.24
2525.00	1.61	117.65	25.00	2524.87	853.54	-7.53
2550.00	1.80	113.33	25.00	2549.85	828.55	-7.85

2575.00	2.11	111.89	25.00	2574.84	803.56	-8.18
2600.00	2.22	112.42	25.00	2599.82	778.58	-8.53
2625.00	2.70	119.64	25.00	2624.80	753.60	-9.01
2650.00	2.92	122.64	25.00	2649.77	728.63	-9.64
2675.00	3.09	122.16	25.00	2674.73	703.67	-10.34
2700.00	3.60	115.53	25.00	2699.69	678.71	-11.04
2725.00	4.83	106.62	25.00	2724.62	653.78	-11.68
2750.00	5.57	105.13	25.00	2749.52	628.88	-12.30
2775.00	5.88	103.34	25.00	2774.40	604.01	-12.91
2800.00	5.99	103.23	25.00	2799.26	579.14	-13.50
2825.00	6.14	103.07	25.00	2824.12	554.28	-14.11
2850.00	6.36	103.28	25.00	2848.97	529.43	-14.73
2875.00	6.57	103.35	25.00	2873.81	504.59	-15.37
2900.00	6.75	103.06	25.00	2898.65	479.76	-16.04
2925.00	6.90	102.50	25.00	2923.47	454.93	-16.69
2950.00	7.09	101.45	25.00	2948.28	430.12	-17.32
2975.00	7.12	101.20	25.00	2973.09	405.31	-17.93
3000.00	7.18	96.82	25.00	2997.90	380.50	-18.42
3025.00	7.31	95.83	25.00	3022.70	355.70	-18.77
3050.00	7.25	94.18	25.00	3047.50	330.91	-19.04
3075.00	7.42	94.03	25.00	3072.29	306.11	-19.27
3100.00	7.38	93.79	25.00	3097.08	281.32	-19.49
3125.00	7.50	93.36	25.00	3121.87	256.53	-19.69
3150.00	7.51	92.33	25.00	3146.66	231.74	-19.85
3175.00	7.54	91.74	25.00	3171.44	206.96	-19.97
3200.00	7.51	90.87	25.00	3196.23	182.17	-20.04
3225.00	7.57	89.71	25.00	3221.01	157.39	-20.06
3250.00	7.54	89.70	25.00	3245.79	132.61	-20.04
3275.00	7.58	89.44	25.00	3270.58	107.82	-20.02
3300.00	7.61	89.39	25.00	3295.36	83.04	-19.99
3325.00	7.62	89.34	25.00	3320.14	58.26	-19.95
3350.00	7.56	89.83	25.00	3344.92	33.48	-19.92
3375.00	7.19	91.72	25.00	3369.71	8.69	-19.97
3400.00	7.01	92.03	25.00	3394.52	-16.12	-20.07
3425.00	6.90	92.34	25.00	3419.34	-40.94	-20.18
3450.00	6.92	92.51	25.00	3444.15	-65.75	-20.31
3475.00	6.54	96.56	25.00	3468.98	-90.58	-20.54
3500.00	6.33	98.71	25.00	3493.82	-115.42	-20.91
3525.00	6.30	99.08	25.00	3518.67	-140.27	-21.34
3550.00	6.29	99.34	25.00	3543.52	-165.12	-21.77
3575.00	6.23	97.98	25.00	3568.37	-189.97	-22.19
3600.00	6.22	97.54	25.00	3593.23	-214.83	-22.55
3625.00	6.15	98.25	25.00	3618.08	-239.68	-22.92
3650.00	5.77	99.79	25.00	3642.94	-264.54	-23.33

3675.00	5.00	107.51	25.00	3667.83	-289.43	-23.87
3700.00	4.52	109.88	25.00	3692.75	-314.35	-24.53
3725.00	4.48	110.45	25.00	3717.67	-339.27	-25.21
3750.00	4.45	110.55	25.00	3742.59	-364.19	-25.89
3775.00	4.35	109.37	25.00	3767.52	-389.12	-26.54
3800.00	4.30	109.82	25.00	3792.45	-414.05	-27.18
3825.00	4.05	106.99	25.00	3817.38	-438.98	-27.75
3850.00	3.66	102.15	25.00	3842.33	-463.93	-28.18
3875.00	3.25	99.48	25.00	3867.28	-488.88	-28.46
3900.00	3.19	96.64	25.00	3892.24	-513.84	-28.66
3925.00	3.07	93.11	25.00	3917.21	-538.81	-28.78
3950.00	2.94	89.89	25.00	3942.17	-563.77	-28.81
3975.00	2.88	89.46	25.00	3967.14	-588.74	-28.80
4000.00	2.86	89.87	25.00	3992.11	-613.71	-28.80
4025.00	2.94	87.88	25.00	4017.08	-638.68	-28.77
4050.00	2.91	87.79	25.00	4042.04	-663.64	-28.72
4075.00	2.90	88.01	25.00	4067.01	-688.61	-28.68
4100.00	2.88	89.23	25.00	4091.98	-713.58	-28.65
4125.00	2.98	89.84	25.00	4116.95	-738.55	-28.64
4150.00	2.99	88.81	25.00	4141.91	-763.51	-28.62
4175.00	2.99	87.73	25.00	4166.88	-788.48	-28.58
4200.00	2.99	86.94	25.00	4191.84	-813.44	-28.52
4225.00	3.13	86.09	25.00	4216.81	-838.41	-28.44
4250.00	3.25	83.83	25.00	4241.77	-863.37	-28.32
4275.00	3.17	84.23	25.00	4266.73	-888.33	-28.17
4300.00	3.24	85.14	25.00	4291.69	-913.29	-28.04
4325.00	3.21	81.67	25.00	4316.65	-938.25	-27.88
4350.00	3.23	81.99	25.00	4341.61	-963.21	-27.68
4375.00	3.21	79.81	25.00	4366.57	-988.17	-27.46
4400.00	3.18	79.77	25.00	4391.53	-1013.13	-27.21
4425.00	3.16	76.74	25.00	4416.50	-1038.10	-26.93
4450.00	3.08	75.97	25.00	4441.46	-1063.06	-26.61
4475.00	3.02	73.49	25.00	4466.42	-1088.02	-26.26
4500.00	2.87	68.94	25.00	4491.39	-1112.99	-25.85
4525.00	2.72	63.95	25.00	4516.36	-1137.96	-25.36
4550.00	2.49	59.71	25.00	4541.33	-1162.93	-24.83
4575.00	2.26	51.77	25.00	4566.31	-1187.91	-24.25
4600.00	2.17	47.09	25.00	4591.29	-1212.89	-23.62
4625.00	2.23	38.64	25.00	4616.28	-1237.88	-22.92
4650.00	2.27	35.15	25.00	4641.26	-1262.86	-22.14
4675.00	2.25	36.09	25.00	4666.24	-1287.84	-21.33
4700.00	2.47	41.55	25.00	4691.22	-1312.82	-20.53
4725.00	2.85	47.88	25.00	4716.19	-1337.79	-19.71
4750.00	3.09	58.29	25.00	4741.16	-1362.76	-18.94

4775.00	3.27	67.34	25.00	4766.12	-1387.72	-18.31
4800.00	3.52	71.17	25.00	4791.07	-1412.67	-17.79
4825.00	3.72	75.58	25.00	4816.02	-1437.62	-17.34
4850.00	3.82	77.37	25.00	4840.97	-1462.57	-16.96
4875.00	3.90	78.38	25.00	4865.91	-1487.51	-16.60
4900.00	3.93	79.24	25.00	4890.85	-1512.45	-16.27
4925.00	3.94	80.02	25.00	4915.80	-1537.40	-15.96
4950.00	4.00	79.05	25.00	4940.74	-1562.34	-15.65
4975.00	4.24	78.58	25.00	4965.67	-1587.27	-15.30
5000.00	5.03	77.48	25.00	4990.59	-1612.19	-14.88
5025.00	5.20	77.75	25.00	5015.49	-1637.09	-14.40
5050.00	5.22	78.44	25.00	5040.39	-1661.99	-13.93
5075.00	5.31	78.98	25.00	5065.28	-1686.88	-13.49
5100.00	5.45	82.92	25.00	5090.17	-1711.77	-13.12
5125.00	5.60	86.48	25.00	5115.05	-1736.65	-12.90
5150.00	5.87	90.28	25.00	5139.93	-1761.53	-12.83
5175.00	6.21	91.56	25.00	5164.79	-1786.39	-12.87
5200.00	6.66	93.10	25.00	5189.63	-1811.23	-12.99
5225.00	6.81	93.50	25.00	5214.46	-1836.06	-13.16
5250.00	6.76	93.69	25.00	5239.29	-1860.89	-13.34
5275.00	6.56	93.57	25.00	5264.12	-1885.72	-13.52
5300.00	6.14	93.57	25.00	5288.96	-1910.56	-13.70
5325.00	5.62	94.04	25.00	5313.83	-1935.43	-13.87
5350.00	5.05	92.43	25.00	5338.72	-1960.32	-14.00
5375.00	4.51	93.65	25.00	5363.64	-1985.24	-14.11
5400.00	4.22	94.02	25.00	5388.56	-2010.16	-14.24
5425.00	4.06	93.76	25.00	5413.50	-2035.10	-14.36
5450.00	3.85	93.81	25.00	5438.44	-2060.04	-14.47
5475.00	3.35	93.55	25.00	5463.39	-2084.99	-14.57
5500.00	2.94	93.25	25.00	5488.35	-2109.95	-14.65
5525.00	2.51	93.17	25.00	5513.32	-2134.92	-14.72
5550.00	2.22	91.40	25.00	5538.30	-2159.90	-14.76
5575.00	1.99	90.36	25.00	5563.29	-2184.89	-14.78
5600.00	1.68	87.54	25.00	5588.27	-2209.87	-14.76
5625.00	1.69	87.35	25.00	5613.26	-2234.86	-14.73
5650.00	1.79	92.52	25.00	5638.25	-2259.85	-14.73
5675.00	1.66	88.68	25.00	5663.24	-2284.84	-14.74
5700.00	1.66	89.64	25.00	5688.23	-2309.83	-14.73
5725.00	1.89	83.76	25.00	5713.22	-2334.82	-14.68
5750.00	3.00	89.10	25.00	5738.19	-2359.79	-14.63
5775.00	3.97	92.40	25.00	5763.15	-2384.75	-14.65
5800.00	4.28	92.19	25.00	5788.08	-2409.68	-14.73
5825.00	4.59	91.93	25.00	5813.01	-2434.61	-14.79
5850.00	5.21	92.66	25.00	5837.92	-2459.52	-14.88

5875.00	5.40	93.32	25.00	5862.81	-2484.41	-15.00
5900.00	5.56	93.37	25.00	5887.69	-2509.29	-15.14
5925.00	5.60	93.42	25.00	5912.58	-2534.18	-15.29
5950.00	5.92	95.87	25.00	5937.45	-2559.05	-15.49
5975.00	5.98	97.19	25.00	5962.32	-2583.92	-15.78
6000.00	5.97	98.06	25.00	5987.18	-2608.78	-16.13
6025.00	5.92	96.90	25.00	6012.04	-2633.64	-16.47
6050.00	5.75	96.33	25.00	6036.92	-2658.52	-16.76
6075.00	5.51	95.16	25.00	6061.79	-2683.39	-17.01
6100.00	5.47	95.30	25.00	6086.68	-2708.28	-17.22
6125.00	5.38	94.22	25.00	6111.57	-2733.17	-17.42
6150.00	5.43	93.99	25.00	6136.46	-2758.06	-17.59
6175.00	5.32	93.60	25.00	6161.35	-2782.95	-17.74
6200.00	5.27	93.22	25.00	6186.24	-2807.84	-17.88
6225.00	5.32	93.01	25.00	6211.13	-2832.73	-18.01
6250.00	5.28	92.98	25.00	6236.03	-2857.63	-18.13
6275.00	5.30	92.45	25.00	6260.92	-2882.52	-18.24
6300.00	5.14	90.73	25.00	6285.82	-2907.42	-18.30
6325.00	5.12	90.47	25.00	6310.72	-2932.32	-18.32
6350.00	5.07	89.12	25.00	6335.62	-2957.22	-18.32
6375.00	5.00	87.82	25.00	6360.52	-2982.12	-18.26
6400.00	4.96	82.52	25.00	6385.43	-3007.03	-18.08
6425.00	5.06	80.04	25.00	6410.33	-3031.93	-17.74
6450.00	5.04	77.85	25.00	6435.23	-3056.83	-17.32
6475.00	4.92	75.94	25.00	6460.14	-3081.74	-16.83
6500.00	4.69	73.83	25.00	6485.05	-3106.65	-16.29
6525.00	4.60	73.43	25.00	6509.97	-3131.57	-15.72
6550.00	4.56	72.02	25.00	6534.89	-3156.49	-15.12
6575.00	4.52	69.69	25.00	6559.81	-3181.41	-14.47
6600.00	4.53	68.79	25.00	6584.73	-3206.33	-13.77
6625.00	4.50	68.90	25.00	6609.66	-3231.26	-13.06
6650.00	4.50	67.14	25.00	6634.58	-3256.18	-12.33
6675.00	4.49	65.38	25.00	6659.50	-3281.10	-11.54
6700.00	4.53	65.46	25.00	6684.43	-3306.03	-10.72
6725.00	4.55	64.05	25.00	6709.35	-3330.95	-9.88
6750.00	4.52	65.31	25.00	6734.27	-3355.87	-9.03
6775.00	4.56	65.10	25.00	6759.19	-3380.79	-8.20
6800.00	4.93	62.74	25.00	6784.10	-3405.70	-7.29
6825.00	5.10	62.87	25.00	6809.01	-3430.61	-6.30
6850.00	5.20	62.95	25.00	6833.91	-3455.51	-5.27
6875.00	5.20	62.86	25.00	6858.80	-3480.40	-4.24
6900.00	5.17	65.33	25.00	6883.70	-3505.30	-3.25
6925.00	5.10	66.80	25.00	6908.60	-3530.20	-2.35
6950.00	5.06	68.17	25.00	6933.50	-3555.10	-1.50

6975.00	4.97	68.34	25.00	6958.41	-3580.01	-0.69
7000.00	4.98	68.22	25.00	6983.31	-3604.91	0.11
7025.00	4.97	67.95	25.00	7008.22	-3629.82	0.92
7050.00	4.98	66.64	25.00	7033.13	-3654.73	1.76
7075.00	4.98	68.20	25.00	7058.03	-3679.63	2.59
7100.00	4.99	67.95	25.00	7082.94	-3704.54	3.40
7125.00	4.99	68.10	25.00	7107.84	-3729.44	4.22
7150.00	4.93	68.15	25.00	7132.75	-3754.35	5.02
7175.00	4.92	68.64	25.00	7157.66	-3779.26	5.81
7200.00	4.88	67.12	25.00	7182.56	-3804.16	6.62
7225.00	4.82	66.39	25.00	7207.48	-3829.08	7.45
7250.00	4.65	64.22	25.00	7232.39	-3853.99	8.31
7275.00	4.28	57.70	25.00	7257.31	-3878.91	9.25
7300.00	4.15	51.39	25.00	7282.25	-3903.85	10.32
7325.00	4.08	49.25	25.00	7307.18	-3928.78	11.46
7350.00	3.93	49.04	25.00	7332.12	-3953.72	12.60
7375.00	3.65	45.09	25.00	7357.07	-3978.67	13.73
7400.00	3.51	41.31	25.00	7382.02	-4003.62	14.86
7425.00	3.48	40.75	25.00	7406.97	-4028.57	16.01
7450.00	3.59	42.48	25.00	7431.92	-4053.52	17.16
7475.00	3.56	40.86	25.00	7456.87	-4078.47	18.33
7500.00	3.49	39.64	25.00	7481.83	-4103.43	19.50
7525.00	3.50	39.95	25.00	7506.78	-4128.38	20.67
7550.00	3.46	38.21	25.00	7531.74	-4153.34	21.85
7575.00	3.33	36.60	25.00	7556.69	-4178.29	23.03
7600.00	3.32	39.94	25.00	7581.65	-4203.25	24.16
7625.00	3.28	39.41	25.00	7606.61	-4228.21	25.27
7650.00	3.26	39.58	25.00	7631.57	-4253.17	26.37
7675.00	3.23	43.78	25.00	7656.53	-4278.13	27.43
7700.00	3.24	44.64	25.00	7681.49	-4303.09	28.44
7725.00	3.13	47.58	25.00	7706.45	-4328.05	29.40
7750.00	2.97	49.48	25.00	7731.41	-4353.01	30.28
7775.00	2.91	51.71	25.00	7756.38	-4377.98	31.10
7800.00	2.94	51.18	25.00	7781.35	-4402.95	31.89
7825.00	2.95	49.46	25.00	7806.31	-4427.91	32.71
7850.00	3.03	50.92	25.00	7831.28	-4452.88	33.55
7875.00	3.06	53.08	25.00	7856.25	-4477.85	34.36
7900.00	3.17	50.11	25.00	7881.21	-4502.81	35.21
7925.00	3.30	49.89	25.00	7906.17	-4527.77	36.12
7950.00	3.36	53.13	25.00	7931.13	-4552.73	37.02
7975.00	3.36	51.16	25.00	7956.08	-4577.68	37.92
8000.00	3.72	57.73	25.00	7981.04	-4602.64	38.81
8025.00	3.93	64.42	25.00	8005.98	-4627.58	39.61
8050.00	4.17	66.70	25.00	8030.92	-4652.52	40.34

8075.00	4.21	67.77	25.00	8055.85	-4677.45	41.05
8100.00	4.58	69.62	25.00	8080.78	-4702.38	41.74
8125.00	4.96	72.39	25.00	8105.69	-4727.29	42.42
8150.00	5.14	75.17	25.00	8130.59	-4752.19	43.03
8175.00	5.12	76.17	25.00	8155.49	-4777.09	43.59
8200.00	5.03	77.07	25.00	8180.40	-4802.00	44.10
8225.00	4.85	78.61	25.00	8205.30	-4826.90	44.55
8250.00	4.67	79.50	25.00	8230.22	-4851.82	44.95
8275.00	4.53	80.41	25.00	8255.14	-4876.74	45.30
8300.00	4.52	81.09	25.00	8280.06	-4901.66	45.61
8325.00	4.32	83.21	25.00	8304.98	-4926.58	45.88
8350.00	3.99	85.21	25.00	8329.92	-4951.52	46.06
8375.00	3.91	87.58	25.00	8354.86	-4976.46	46.17
8400.00	3.98	87.09	25.00	8379.80	-5001.40	46.25
8425.00	3.89	87.03	25.00	8404.74	-5026.34	46.34
8450.00	3.74	88.56	25.00	8429.69	-5051.29	46.40
8475.00	3.63	88.62	25.00	8454.63	-5076.23	46.44
8500.00	3.65	88.96	25.00	8479.58	-5101.18	46.47
8525.00	3.57	90.50	25.00	8504.53	-5126.13	46.48
8550.00	3.62	89.34	25.00	8529.48	-5151.08	46.48
8575.00	3.89	91.65	25.00	8554.43	-5176.03	46.47
8600.00	4.17	93.69	25.00	8579.37	-5200.97	46.39
8625.00	4.27	94.92	25.00	8604.30	-5225.90	46.25
8650.00	4.34	94.50	25.00	8629.23	-5250.83	46.09
8675.00	4.57	96.43	25.00	8654.15	-5275.75	45.91
8700.00	4.73	97.63	25.00	8679.07	-5300.67	45.66
8725.00	4.78	99.17	25.00	8703.99	-5325.59	45.36
8750.00	4.71	98.37	25.00	8728.90	-5350.50	45.04
8775.00	4.61	99.72	25.00	8753.82	-5375.42	44.72
8800.00	4.54	103.41	25.00	8778.74	-5400.34	44.32
8825.00	4.43	103.57	25.00	8803.66	-5425.26	43.87
8850.00	4.34	103.61	25.00	8828.59	-5450.19	43.42
8875.00	4.39	103.36	25.00	8853.52	-5475.12	42.97
8900.00	4.88	103.46	25.00	8878.43	-5500.03	42.51
8925.00	6.01	106.99	25.00	8903.32	-5524.92	41.88
8950.00	6.34	108.81	25.00	8928.18	-5549.78	41.05
8975.00	6.30	108.68	25.00	8953.02	-5574.62	40.16
9000.00	6.27	109.57	25.00	8977.87	-5599.47	39.27
9025.00	6.74	110.47	25.00	9002.71	-5624.31	38.30
9050.00	6.91	111.19	25.00	9027.54	-5649.14	37.24
9075.00	6.94	112.49	25.00	9052.35	-5673.95	36.12
9100.00	6.74	112.65	25.00	9077.18	-5698.78	34.98
9125.00	6.44	112.67	25.00	9102.01	-5723.61	33.87
9150.00	6.17	113.90	25.00	9126.86	-5748.46	32.79

9175.00	6.08	113.35	25.00	9151.72	-5773.32	31.72
9200.00	5.87	114.40	25.00	9176.58	-5798.18	30.66
9225.00	5.85	114.54	25.00	9201.45	-5823.05	29.61
9250.00	5.76	114.09	25.00	9226.32	-5847.92	28.57
9275.00	5.64	114.67	25.00	9251.20	-5872.80	27.54
9300.00	5.36	115.53	25.00	9276.08	-5897.68	26.53
9325.00	5.40	112.38	25.00	9300.97	-5922.57	25.57
9350.00	5.51	109.98	25.00	9325.86	-5947.46	24.72
9375.00	5.58	108.44	25.00	9350.74	-5972.34	23.92
9400.00	5.40	107.06	25.00	9375.63	-5997.23	23.19
9425.00	5.18	107.14	25.00	9400.52	-6022.12	22.51
9450.00	4.93	106.44	25.00	9425.42	-6047.02	21.88
9475.00	4.61	106.45	25.00	9450.34	-6071.94	21.29
9500.00	4.22	106.49	25.00	9475.26	-6096.86	20.74
9525.00	4.03	106.14	25.00	9500.20	-6121.80	20.24
9550.00	3.91	107.32	25.00	9525.14	-6146.74	19.74
9575.00	3.72	106.28	25.00	9550.08	-6171.68	19.26
9600.00	3.59	106.37	25.00	9575.03	-6196.63	18.81
9625.00	3.59	105.26	25.00	9599.98	-6221.58	18.38
9650.00	3.46	106.08	25.00	9624.94	-6246.54	17.97
9675.00	3.42	106.60	25.00	9649.89	-6271.49	17.55
9700.00	3.40	105.91	25.00	9674.85	-6296.45	17.13
9725.00	3.50	109.69	25.00	9699.80	-6321.40	16.67
9750.00	3.70	100.84	25.00	9724.75	-6346.35	16.26
9775.00	3.88	100.98	25.00	9749.70	-6371.30	15.95
9800.00	3.96	107.02	25.00	9774.64	-6396.24	15.54
9825.00	4.41	110.48	25.00	9799.57	-6421.17	14.95
9850.00	5.10	110.48	25.00	9824.49	-6446.09	14.22
9870.00	5.20	111.11	20.00	9844.41	-6466.01	13.58
9973.00	7.45	118.89	103.00	9946.77	-6568.37	8.68
10068.00	7.98	108.43	95.00	10040.92	-6662.52	3.62
10164.00	8.03	112.55	96.00	10135.98	-6757.58	-1.06
10259.00	6.89	113.79	95.00	10230.18	-6851.78	-5.91
10353.00	6.84	110.05	94.00	10323.50	-6945.10	-10.10
10448.00	6.45	95.90	95.00	10417.87	-7039.47	-12.59
10543.00	4.11	80.58	95.00	10512.47	-7134.07	-12.58
10637.00	5.40	75.20	94.00	10606.14	-7227.74	-10.90
10731.00	6.59	87.30	94.00	10699.63	-7321.23	-9.51
10826.00	4.87	107.84	95.00	10794.16	-7415.76	-10.49
10921.00	4.19	114.95	95.00	10888.87	-7510.47	-13.19
11015.00	3.34	113.21	94.00	10982.66	-7604.26	-15.72
11109.00	4.02	99.17	94.00	11076.47	-7698.07	-17.32
11204.00	6.63	102.62	95.00	11171.05	-7792.65	-19.05
11299.00	7.04	96.09	95.00	11265.38	-7886.98	-20.87

11393.00	6.27	90.77	94.00	11358.74	-7980.34	-21.55
11488.00	7.13	98.71	95.00	11453.10	-8074.70	-22.51
11582.00	6.80	102.00	94.00	11546.40	-8168.00	-24.55
11677.00	4.72	103.80	95.00	11640.92	-8262.52	-26.65
11771.00	5.64	110.55	94.00	11734.53	-8356.13	-29.20
11866.00	4.31	122.93	95.00	11829.18	-8450.78	-32.78
11991.00	2.03	150.63	125.00	11953.98	-8575.58	-37.26
12085.00	2.58	110.93	94.00	12047.91	-8669.51	-39.47
12179.00	3.39	105.06	94.00	12141.79	-8763.39	-40.95
12274.00	2.59	111.76	95.00	12236.66	-8858.26	-42.47
12369.00	4.50	126.91	95.00	12331.47	-8953.07	-45.51
12464.00	11.74	138.11	95.00	12425.46	-9047.06	-54.95
12496.00	14.27	136.21	32.00	12456.64	-9078.24	-60.22
12527.00	17.16	134.38	31.00	12486.48	-9108.08	-66.18
12559.00	19.25	137.18	32.00	12516.87	-9138.47	-73.35
12590.00	20.67	137.64	31.00	12546.01	-9167.61	-81.14
12622.00	23.70	138.46	32.00	12575.64	-9197.24	-90.13
12653.00	26.79	139.71	31.00	12603.67	-9225.27	-100.13
12685.00	29.99	141.27	32.00	12631.82	-9253.42	-111.87
12717.00	32.88	142.94	32.00	12659.12	-9280.72	-125.05
12748.00	34.07	144.69	31.00	12684.98	-9306.58	-138.85
12780.00	37.05	148.14	32.00	12711.01	-9332.61	-154.35
12811.00	38.70	150.50	31.00	12735.48	-9357.08	-170.72
12842.00	41.24	151.26	31.00	12759.24	-9380.84	-188.12
12874.00	44.87	152.83	32.00	12782.62	-9404.22	-207.42
12905.00	47.63	154.08	31.00	12804.05	-9425.65	-227.45
12928.00	49.16	155.08	23.00	12819.33	-9440.93	-242.98
12959.00	51.72	157.01	31.00	12839.07	-9460.67	-264.82
12990.00	54.55	158.34	31.00	12857.67	-9479.27	-287.76
13022.00	58.40	160.00	32.00	12875.34	-9496.94	-312.69
13053.00	63.28	163.56	31.00	12890.44	-9512.04	-338.40
13085.00	68.05	166.86	32.00	12903.63	-9525.23	-366.58
13116.00	71.10	169.23	31.00	12914.44	-9536.04	-395.00
13148.00	70.99	171.08	32.00	12924.84	-9546.44	-424.82
13180.00	70.53	173.50	32.00	12935.39	-9556.99	-454.75
13211.00	75.85	173.29	31.00	12944.35	-9565.95	-484.22
13251.00	89.68	173.02	40.00	12949.37	-9570.97	-523.52
13283.00	88.78	175.15	32.00	12949.80	-9571.40	-555.35
13314.00	88.72	175.13	31.00	12950.48	-9572.08	-586.23
13408.00	90.52	175.76	94.00	12951.10	-9572.70	-679.93
13502.00	91.57	178.24	94.00	12949.39	-9570.99	-773.77
13596.00	91.33	179.03	94.00	12947.01	-9568.61	-867.71
13691.00	91.34	179.16	95.00	12944.80	-9566.40	-962.68
13785.00	91.53	179.91	94.00	12942.44	-9564.04	-1056.64

13880.00	93.34	182.13	95.00	12938.41	-9560.01	-1151.53
13974.00	94.46	182.23	94.00	12932.01	-9553.61	-1245.25
14068.00	95.13	182.28	94.00	12924.15	-9545.75	-1338.84
14163.00	92.72	182.99	95.00	12917.65	-9539.25	-1433.51
14258.00	89.43	179.18	95.00	12915.87	-9537.47	-1528.45
14352.00	91.38	177.39	94.00	12915.20	-9536.80	-1622.40
14446.00	93.06	179.36	94.00	12911.56	-9533.16	-1716.28
14541.00	87.05	178.62	95.00	12911.47	-9533.07	-1811.22
14636.00	90.92	179.73	95.00	12913.15	-9534.75	-1906.18
14730.00	89.38	181.98	94.00	12912.91	-9534.51	-2000.16
14825.00	92.07	183.33	95.00	12911.71	-9533.31	-2095.04
14919.00	88.78	182.69	94.00	12911.01	-9532.61	-2188.89
15013.00	88.87	181.40	94.00	12912.94	-9534.54	-2282.81
15107.00	89.92	182.77	94.00	12913.93	-9535.53	-2376.74
15202.00	89.38	185.42	95.00	12914.51	-9536.11	-2471.49
15295.00	92.70	186.64	93.00	12912.82	-9534.42	-2563.94
15390.00	94.73	183.63	95.00	12906.67	-9528.27	-2658.34
15483.00	95.19	181.00	93.00	12898.62	-9520.22	-2750.91
15578.00	89.71	180.15	95.00	12894.56	-9516.16	-2845.78
15672.00	89.50	180.71	94.00	12895.21	-9516.81	-2939.78
15767.00	90.85	178.77	95.00	12894.92	-9516.52	-3034.77
15861.00	93.21	179.16	94.00	12891.59	-9513.19	-3128.69
15956.00	91.60	179.02	95.00	12887.61	-9509.21	-3223.59
16050.00	92.79	178.00	94.00	12884.01	-9505.61	-3317.49
16140.00	95.65	177.34	90.00	12877.38	-9498.98	-3407.16
16236.00	93.58	178.81	96.00	12869.66	-9491.26	-3502.79
16330.00	91.39	180.91	94.00	12865.58	-9487.18	-3596.69
16424.00	88.33	179.37	94.00	12865.81	-9487.41	-3690.67
16520.00	86.67	177.83	96.00	12870.00	-9491.60	-3786.55
16614.00	88.01	178.60	94.00	12874.36	-9495.96	-3880.40
16708.00	90.04	180.16	94.00	12875.96	-9497.56	-3974.37
16802.00	90.32	180.42	94.00	12875.67	-9497.27	-4068.37
16897.00	87.97	179.41	95.00	12877.09	-9498.69	-4163.35
16992.00	85.45	178.50	95.00	12882.54	-9504.14	-4258.17
17087.00	86.24	179.28	95.00	12889.42	-9511.02	-4352.90
17182.00	92.81	179.65	95.00	12890.21	-9511.81	-4447.84
17277.00	93.53	179.86	95.00	12884.95	-9506.55	-4542.69
17371.00	92.79	178.99	94.00	12879.77	-9501.37	-4636.54
17466.00	91.53	177.70	95.00	12876.19	-9497.79	-4731.43
17561.00	90.83	178.06	95.00	12874.24	-9495.84	-4826.35
17655.00	91.32	180.58	94.00	12872.47	-9494.07	-4920.31
17750.00	88.44	174.94	95.00	12872.67	-9494.27	-5015.19
17844.00	92.75	180.59	94.00	12871.69	-9493.29	-5109.06
17939.00	90.74	182.60	95.00	12868.80	-9490.40	-5203.97

18034.00	87.08	186.07	95.00	12870.61	-9492.21	-5298.65
18128.00	89.54	186.19	94.00	12873.38	-9494.98	-5392.06
18221.00	95.63	184.46	93.00	12869.19	-9490.79	-5484.52
18314.00	95.54	183.74	93.00	12860.14	-9481.74	-5576.84
18409.00	94.13	182.53	95.00	12852.13	-9473.73	-5671.36
18504.00	93.44	183.57	95.00	12845.86	-9467.46	-5766.01
18599.00	93.06	183.15	95.00	12840.47	-9462.07	-5860.70
18692.00	92.54	182.35	93.00	12835.93	-9457.53	-5953.48
18786.00	92.92	183.30	94.00	12831.45	-9453.05	-6047.25
18882.00	88.95	177.64	96.00	12829.88	-9451.48	-6143.18
18976.00	87.99	177.30	94.00	12832.39	-9453.99	-6237.05
19070.00	88.18	177.59	94.00	12835.54	-9457.14	-6330.91
19165.00	87.78	177.33	95.00	12838.88	-9460.48	-6425.76
19260.00	90.54	178.95	95.00	12840.28	-9461.88	-6520.68
19353.00	90.58	177.30	93.00	12839.37	-9460.97	-6613.63
19447.00	90.08	176.02	94.00	12838.83	-9460.43	-6707.46
19541.00	91.45	178.17	94.00	12837.57	-9459.17	-6801.33
19636.00	89.90	177.31	95.00	12836.45	-9458.05	-6896.24
19730.00	91.09	178.08	94.00	12835.64	-9457.24	-6990.16
19824.00	91.75	178.13	94.00	12833.31	-9454.91	-7084.08
19920.00	90.13	175.60	96.00	12831.73	-9453.33	-7179.91
20014.00	89.90	176.87	94.00	12831.71	-9453.31	-7273.71
20107.00	90.99	178.79	93.00	12830.99	-9452.59	-7366.63
20201.00	91.93	177.02	94.00	12828.59	-9450.19	-7460.53
20295.00	91.77	176.39	94.00	12825.56	-9447.16	-7554.33
20390.00	91.66	177.82	95.00	12822.71	-9444.31	-7649.16
20485.00	90.69	177.29	95.00	12820.77	-9442.37	-7744.05
20579.00	89.42	179.71	94.00	12820.68	-9442.28	-7838.01
20673.00	89.92	180.26	94.00	12821.22	-9442.82	-7932.01
20767.00	90.48	182.00	94.00	12820.89	-9442.49	-8025.99
20859.00	91.64	182.94	92.00	12819.19	-9440.79	-8117.88
20953.00	92.04	185.37	94.00	12816.17	-9437.77	-8211.58
21046.00	91.91	185.14	93.00	12812.96	-9434.56	-8304.13
21141.00	91.44	184.22	95.00	12810.19	-9431.79	-8398.78
21234.00	91.34	183.30	93.00	12807.93	-9429.53	-8491.55
21328.00	90.58	182.60	94.00	12806.36	-9427.96	-8585.41
21422.00	89.92	183.26	94.00	12805.95	-9427.55	-8679.28
21517.00	89.25	180.45	95.00	12806.63	-9428.23	-8774.22
21612.00	89.34	180.05	95.00	12807.80	-9429.40	-8869.21
21706.00	89.02	181.08	94.00	12809.15	-9430.75	-8963.20
21801.00	88.54	180.17	95.00	12811.17	-9432.77	-9058.17
21894.00	84.88	176.78	93.00	12816.51	-9438.11	-9150.95
21989.00	84.82	176.73	95.00	12825.04	-9446.64	-9245.42
22089.00	84.91	175.46	100.00	12833.99	-9455.59	-9344.78

22183.00	87.82	175.40	94.00	12839.95	-9461.55	-9438.29
22277.00	86.06	175.51	94.00	12844.96	-9466.56	-9531.85
22371.00	88.88	176.41	94.00	12849.11	-9470.71	-9625.52
22466.00	93.11	177.28	95.00	12847.46	-9469.06	-9720.34
22560.00	92.99	177.40	94.00	12842.46	-9464.06	-9814.10
22655.00	88.35	174.31	95.00	12841.35	-9462.95	-9908.81
22748.00	89.34	176.36	93.00	12843.23	-9464.83	-10001.48
22842.00	91.33	182.40	94.00	12842.68	-9464.28	-10095.42
22937.00	92.59	179.10	95.00	12839.43	-9461.03	-10190.34
23030.00	91.55	177.25	93.00	12836.07	-9457.67	-10283.23
23125.00	90.15	177.48	95.00	12834.66	-9456.26	-10378.12
23219.00	90.17	180.02	94.00	12834.39	-9455.99	-10472.09
23310.00	90.38	180.61	91.00	12833.96	-9455.56	-10563.08
23404.00	90.93	184.70	94.00	12832.88	-9454.48	-10656.96
23469.00	89.54	184.39	65.00	12832.62	-9454.22	-10721.75
23520.00	89.54	184.39	51.00	12833.03	-9454.63	-10772.60

Local E/-W EW	Easting X	Northing Y	Latitude LAT	Longitude LON	Dogleg Severit DLS	Build Rate BLD
0.00	784671.60	425816.60	32.167342	-103.413365	0.00	0.00
-0.76	784670.84	425816.57	32.167342	-103.413367	0.87	0.87
-1.16	784670.44	425816.57	32.167342	-103.413368	0.42	0.40
-1.60	784670.00	425816.56	32.167342	-103.413370	0.33	0.32
-2.06	784669.54	425816.56	32.167342	-103.413371	0.13	0.00
-2.51	784669.09	425816.56	32.167342	-103.413373	0.28	-0.16
-2.91	784668.69	425816.50	32.167342	-103.413374	1.01	-0.56
-3.26	784668.34	425816.41	32.167341	-103.413375	0.43	-0.40
-3.57	784668.03	425816.30	32.167341	-103.413376	0.68	-0.04
-3.86	784667.74	425816.17	32.167341	-103.413377	0.32	-0.32
-4.12	784667.48	425816.02	32.167340	-103.413378	0.44	0.20
-4.39	784667.21	425815.86	32.167340	-103.413379	0.34	-0.04

-4.66	784666.94	425815.72	32.167339	-103.413380	0.24	-0.24
-4.93	784666.67	425815.59	32.167339	-103.413381	0.25	0.24
-5.21	784666.39	425815.46	32.167339	-103.413381	0.17	-0.12
-5.50	784666.10	425815.34	32.167338	-103.413382	0.16	0.16
-5.79	784665.81	425815.21	32.167338	-103.413383	0.04	-0.04
-6.08	784665.52	425815.12	32.167338	-103.413384	0.61	-0.12
-6.39	784665.22	425815.05	32.167338	-103.413385	0.26	0.24
-6.68	784664.92	425814.97	32.167337	-103.413386	0.42	-0.36
-6.95	784664.65	425814.88	32.167337	-103.413387	0.04	-0.04
-7.21	784664.39	425814.80	32.167337	-103.413388	0.21	-0.20
-7.44	784664.16	425814.76	32.167337	-103.413389	0.91	-0.60
-7.64	784663.96	425814.79	32.167337	-103.413389	0.44	0.16
-7.85	784663.75	425814.84	32.167337	-103.413390	0.19	0.00
-8.08	784663.52	425814.85	32.167337	-103.413391	0.59	0.32
-8.30	784663.30	425814.83	32.167337	-103.413391	0.52	-0.52
-8.48	784663.12	425814.81	32.167337	-103.413392	0.15	-0.12
-8.64	784662.96	425814.78	32.167337	-103.413393	0.38	-0.32
-8.76	784662.84	425814.75	32.167337	-103.413393	0.36	-0.36
-8.85	784662.75	425814.71	32.167337	-103.413393	0.30	-0.12
-8.91	784662.70	425814.66	32.167337	-103.413393	0.34	-0.28
-8.92	784662.68	425814.62	32.167337	-103.413393	0.40	-0.20
-8.94	784662.66	425814.58	32.167336	-103.413394	0.30	0.04
-8.97	784662.63	425814.54	32.167336	-103.413394	0.20	0.20
-9.00	784662.60	425814.49	32.167336	-103.413394	0.24	-0.08
-9.03	784662.57	425814.44	32.167336	-103.413394	0.12	0.08
-9.04	784662.56	425814.41	32.167336	-103.413394	0.64	-0.52
-9.01	784662.59	425814.42	32.167336	-103.413394	0.37	0.36
-8.95	784662.65	425814.43	32.167336	-103.413394	0.37	0.32
-8.87	784662.73	425814.47	32.167336	-103.413393	0.49	0.16
-8.77	784662.83	425814.52	32.167336	-103.413393	0.37	0.24
-8.66	784662.94	425814.59	32.167336	-103.413393	0.23	0.08
-8.54	784663.06	425814.69	32.167337	-103.413392	0.47	0.36
-8.43	784663.17	425814.81	32.167337	-103.413392	0.33	-0.16
-8.35	784663.25	425814.93	32.167337	-103.413392	0.24	-0.24
-8.29	784663.31	425815.04	32.167338	-103.413391	0.22	-0.04
-8.24	784663.36	425815.14	32.167338	-103.413391	0.34	-0.28
-8.17	784663.43	425815.21	32.167338	-103.413391	0.20	0.04
-8.08	784663.52	425815.28	32.167338	-103.413391	0.29	0.20
-7.98	784663.62	425815.35	32.167339	-103.413390	0.19	0.08
-7.87	784663.73	425815.43	32.167339	-103.413390	0.15	0.04
-7.77	784663.83	425815.51	32.167339	-103.413390	0.19	-0.08
-7.67	784663.93	425815.58	32.167339	-103.413389	0.13	-0.12
-7.58	784664.02	425815.65	32.167339	-103.413389	0.18	-0.08
-7.49	784664.11	425815.69	32.167339	-103.413389	0.17	-0.04

-7.40	784664.20	425815.70	32.167339	-103.413389	0.45	-0.12
-7.31	784664.29	425815.68	32.167339	-103.413388	0.07	0.04
-7.21	784664.39	425815.65	32.167339	-103.413388	0.33	0.32
-7.09	784664.51	425815.61	32.167339	-103.413388	0.05	0.00
-6.97	784664.63	425815.57	32.167339	-103.413387	0.17	0.00
-6.86	784664.74	425815.54	32.167339	-103.413387	0.24	-0.20
-6.76	784664.85	425815.51	32.167339	-103.413386	0.06	0.04
-6.66	784664.94	425815.47	32.167339	-103.413386	0.20	-0.20
-6.59	784665.01	425815.44	32.167339	-103.413386	0.12	-0.12
-6.52	784665.08	425815.40	32.167339	-103.413386	0.13	0.12
-6.43	784665.17	425815.35	32.167338	-103.413385	0.32	0.32
-6.32	784665.28	425815.29	32.167338	-103.413385	0.05	0.04
-6.20	784665.40	425815.24	32.167338	-103.413385	0.29	0.08
-6.07	784665.53	425815.21	32.167338	-103.413384	0.13	0.00
-5.94	784665.66	425815.20	32.167338	-103.413384	0.22	-0.08
-5.81	784665.79	425815.17	32.167338	-103.413383	0.57	0.08
-5.67	784665.93	425815.09	32.167338	-103.413383	0.49	0.48
-5.51	784666.10	425814.98	32.167337	-103.413382	0.24	0.20
-5.32	784666.28	425814.88	32.167337	-103.413382	0.39	0.00
-5.12	784666.48	425814.80	32.167337	-103.413381	0.12	0.12
-4.91	784666.69	425814.69	32.167337	-103.413381	0.41	0.28
-4.71	784666.89	425814.55	32.167336	-103.413380	0.23	-0.04
-4.49	784667.11	425814.39	32.167336	-103.413379	0.25	0.24
-4.27	784667.34	425814.22	32.167335	-103.413378	0.28	0.24
-4.02	784667.58	425814.02	32.167335	-103.413378	0.24	0.24
-3.74	784667.86	425813.81	32.167334	-103.413377	0.45	0.40
-3.44	784668.16	425813.60	32.167334	-103.413376	0.07	-0.04
-3.15	784668.45	425813.38	32.167333	-103.413375	0.07	-0.04
-2.88	784668.72	425813.17	32.167332	-103.413374	0.40	-0.40
-2.62	784668.98	425812.96	32.167332	-103.413373	0.42	0.36
-2.36	784669.24	425812.71	32.167331	-103.413372	0.27	0.08
-2.11	784669.49	425812.42	32.167330	-103.413372	0.51	0.24
-1.87	784669.74	425812.12	32.167329	-103.413371	0.34	-0.04
-1.62	784669.98	425811.83	32.167329	-103.413370	0.23	-0.20
-1.40	784670.21	425811.55	32.167328	-103.413369	0.33	-0.08
-1.18	784670.42	425811.23	32.167327	-103.413369	0.40	0.40
-0.94	784670.66	425810.91	32.167326	-103.413368	0.17	0.08
-0.69	784670.91	425810.58	32.167325	-103.413367	0.11	-0.04
-0.45	784671.15	425810.26	32.167324	-103.413366	0.22	0.04
-0.17	784671.43	425809.94	32.167323	-103.413365	0.76	0.20
0.14	784671.74	425809.64	32.167323	-103.413364	0.04	-0.04
0.49	784672.09	425809.36	32.167322	-103.413363	0.82	0.36
0.99	784672.59	425809.07	32.167321	-103.413362	2.23	2.16
1.66	784673.26	425808.75	32.167320	-103.413359	0.92	0.76

2.45	784674.05	425808.43	32.167319	-103.413357	1.26	1.24
3.32	784674.92	425808.07	32.167318	-103.413354	0.45	0.44
4.28	784675.88	425807.59	32.167317	-103.413351	2.28	1.92
5.33	784676.93	425806.96	32.167315	-103.413348	1.06	0.88
6.44	784678.04	425806.26	32.167313	-103.413344	0.69	0.68
7.72	784679.32	425805.56	32.167311	-103.413340	2.56	2.04
9.43	784681.03	425804.92	32.167309	-103.413334	5.56	4.92
11.61	784683.21	425804.30	32.167308	-103.413327	3.01	2.96
14.03	784685.63	425803.69	32.167306	-103.413320	1.43	1.24
16.55	784688.15	425803.10	32.167304	-103.413312	0.44	0.44
19.12	784690.72	425802.50	32.167303	-103.413303	0.60	0.60
21.77	784693.37	425801.88	32.167301	-103.413295	0.89	0.88
24.51	784696.11	425801.23	32.167299	-103.413286	0.84	0.84
27.33	784698.93	425800.56	32.167297	-103.413277	0.73	0.72
30.23	784701.83	425799.91	32.167295	-103.413267	0.66	0.60
33.21	784704.81	425799.28	32.167293	-103.413258	0.92	0.76
36.24	784707.84	425798.67	32.167292	-103.413248	0.17	0.12
39.31	784710.91	425798.18	32.167290	-103.413238	2.19	0.24
42.44	784714.04	425797.84	32.167289	-103.413228	0.72	0.52
45.60	784717.20	425797.56	32.167288	-103.413218	0.87	-0.24
48.78	784720.38	425797.33	32.167288	-103.413208	0.68	0.68
51.99	784723.59	425797.11	32.167287	-103.413197	0.20	-0.16
55.23	784726.83	425796.91	32.167286	-103.413187	0.53	0.48
58.49	784730.09	425796.75	32.167286	-103.413176	0.54	0.04
61.76	784733.36	425796.63	32.167285	-103.413166	0.33	0.12
65.03	784736.63	425796.56	32.167285	-103.413155	0.47	-0.12
68.31	784739.91	425796.54	32.167285	-103.413144	0.65	0.24
71.60	784743.20	425796.56	32.167285	-103.413134	0.12	-0.12
74.89	784746.49	425796.58	32.167285	-103.413123	0.21	0.16
78.19	784749.79	425796.62	32.167285	-103.413112	0.12	0.12
81.50	784753.10	425796.65	32.167285	-103.413102	0.05	0.04
84.81	784756.41	425796.68	32.167285	-103.413091	0.35	-0.24
88.02	784759.62	425796.63	32.167285	-103.413081	1.77	-1.48
91.10	784762.70	425796.53	32.167284	-103.413071	0.74	-0.72
94.13	784765.73	425796.42	32.167284	-103.413061	0.47	-0.44
97.13	784768.73	425796.29	32.167284	-103.413051	0.11	0.08
100.05	784771.65	425796.06	32.167283	-103.413042	2.43	-1.52
102.83	784774.43	425795.69	32.167282	-103.413033	1.28	-0.84
105.55	784777.15	425795.27	32.167281	-103.413024	0.20	-0.12
108.25	784779.85	425794.83	32.167279	-103.413015	0.12	-0.04
110.95	784782.55	425794.42	32.167278	-103.413007	0.64	-0.24
113.63	784785.23	425794.05	32.167277	-103.412998	0.20	-0.04
116.30	784787.90	425793.68	32.167276	-103.412989	0.42	-0.28
118.86	784790.46	425793.27	32.167275	-103.412981	1.65	-1.52

121.14	784792.74	425792.73	32.167273	-103.412974	4.22	-3.08
123.11	784794.71	425792.07	32.167271	-103.412967	2.08	-1.92
124.95	784796.55	425791.39	32.167270	-103.412962	0.24	-0.16
126.77	784798.37	425790.71	32.167268	-103.412956	0.12	-0.12
128.57	784800.17	425790.06	32.167266	-103.412950	0.54	-0.40
130.35	784801.95	425789.43	32.167264	-103.412944	0.24	-0.20
132.08	784803.68	425788.85	32.167262	-103.412939	1.30	-1.00
133.70	784805.30	425788.42	32.167261	-103.412933	2.03	-1.56
135.18	784806.78	425788.14	32.167260	-103.412929	1.76	-1.64
136.57	784808.17	425787.94	32.167260	-103.412924	0.68	-0.24
137.93	784809.53	425787.82	32.167259	-103.412920	0.91	-0.48
139.24	784810.84	425787.79	32.167259	-103.412915	0.85	-0.52
140.51	784812.11	425787.80	32.167259	-103.412911	0.26	-0.24
141.76	784813.36	425787.80	32.167259	-103.412907	0.12	-0.08
143.02	784814.62	425787.83	32.167259	-103.412903	0.51	0.32
144.30	784815.90	425787.88	32.167259	-103.412899	0.12	-0.12
145.56	784817.16	425787.92	32.167260	-103.412895	0.06	-0.04
146.82	784818.42	425787.95	32.167260	-103.412891	0.26	-0.08
148.10	784819.70	425787.96	32.167260	-103.412887	0.42	0.40
149.40	784821.00	425787.98	32.167260	-103.412883	0.22	0.04
150.71	784822.31	425788.02	32.167260	-103.412878	0.23	0.00
152.01	784823.61	425788.08	32.167260	-103.412874	0.17	0.00
153.34	784824.94	425788.16	32.167260	-103.412870	0.59	0.56
154.73	784826.33	425788.28	32.167260	-103.412865	0.70	0.48
156.12	784827.72	425788.43	32.167261	-103.412861	0.33	-0.32
157.51	784829.11	425788.56	32.167261	-103.412856	0.35	0.28
158.91	784830.51	425788.72	32.167261	-103.412852	0.79	-0.12
160.30	784831.90	425788.92	32.167262	-103.412847	0.11	0.08
161.68	784833.28	425789.14	32.167262	-103.412843	0.50	-0.08
163.06	784834.66	425789.39	32.167263	-103.412838	0.12	-0.12
164.41	784836.01	425789.67	32.167264	-103.412834	0.68	-0.08
165.73	784837.33	425789.99	32.167265	-103.412830	0.36	-0.32
167.01	784838.61	425790.34	32.167266	-103.412826	0.58	-0.24
168.23	784839.83	425790.75	32.167267	-103.412822	1.11	-0.60
169.35	784840.95	425791.24	32.167268	-103.412818	1.14	-0.60
170.35	784841.95	425791.77	32.167270	-103.412815	1.20	-0.92
171.20	784842.80	425792.35	32.167271	-103.412812	1.60	-0.92
171.94	784843.54	425792.98	32.167273	-103.412810	0.81	-0.36
172.59	784844.19	425793.68	32.167275	-103.412808	1.32	0.24
173.18	784844.78	425794.47	32.167277	-103.412806	0.57	0.16
173.75	784845.35	425795.27	32.167279	-103.412804	0.17	-0.08
174.40	784846.00	425796.07	32.167281	-103.412802	1.26	0.88
175.22	784846.82	425796.89	32.167283	-103.412799	1.92	1.52
176.25	784847.85	425797.66	32.167286	-103.412796	2.36	0.96

177.48	784849.08	425798.29	32.167287	-103.412792	2.13	0.72
178.87	784850.47	425798.81	32.167289	-103.412787	1.35	1.00
180.38	784851.98	425799.26	32.167290	-103.412782	1.37	0.80
181.98	784853.58	425799.64	32.167291	-103.412777	0.62	0.40
183.62	784855.22	425800.00	32.167292	-103.412772	0.42	0.32
185.30	784856.90	425800.33	32.167293	-103.412766	0.26	0.12
186.98	784858.58	425800.64	32.167293	-103.412761	0.22	0.04
188.69	784860.29	425800.95	32.167294	-103.412755	0.36	0.24
190.45	784862.05	425801.30	32.167295	-103.412750	0.97	0.96
192.42	784864.02	425801.72	32.167296	-103.412743	3.18	3.16
194.60	784866.20	425802.20	32.167298	-103.412736	0.69	0.68
196.82	784868.42	425802.67	32.167299	-103.412729	0.26	0.08
199.07	784870.67	425803.12	32.167300	-103.412722	0.41	0.36
201.38	784872.98	425803.48	32.167301	-103.412714	1.58	0.56
203.78	784875.38	425803.70	32.167302	-103.412706	1.50	0.60
206.28	784877.88	425803.77	32.167302	-103.412698	1.86	1.08
208.91	784880.51	425803.73	32.167301	-103.412690	1.46	1.36
211.71	784883.31	425803.61	32.167301	-103.412681	1.93	1.80
214.63	784886.23	425803.45	32.167301	-103.412671	0.63	0.60
217.58	784889.18	425803.26	32.167300	-103.412662	0.22	-0.20
220.47	784892.07	425803.08	32.167299	-103.412653	0.80	-0.80
223.23	784894.83	425802.90	32.167299	-103.412644	1.68	-1.68
225.79	784897.39	425802.73	32.167298	-103.412635	2.09	-2.08
228.11	784899.71	425802.60	32.167298	-103.412628	2.36	-2.28
230.19	784901.79	425802.49	32.167298	-103.412621	2.20	-2.16
232.09	784903.69	425802.37	32.167297	-103.412615	1.17	-1.16
233.89	784905.49	425802.24	32.167297	-103.412609	0.64	-0.64
235.61	784907.21	425802.13	32.167296	-103.412604	0.84	-0.84
237.18	784908.78	425802.03	32.167296	-103.412599	2.00	-2.00
238.55	784910.15	425801.95	32.167296	-103.412594	1.64	-1.64
239.73	784911.33	425801.88	32.167296	-103.412590	1.72	-1.72
240.76	784912.36	425801.84	32.167296	-103.412587	1.20	-1.16
241.68	784913.28	425801.82	32.167295	-103.412584	0.93	-0.92
242.48	784914.08	425801.84	32.167295	-103.412581	1.29	-1.24
243.22	784914.82	425801.87	32.167296	-103.412579	0.05	0.04
243.97	784915.57	425801.87	32.167296	-103.412577	0.74	0.40
244.73	784916.33	425801.86	32.167295	-103.412574	0.70	-0.52
245.45	784917.05	425801.87	32.167296	-103.412572	0.11	0.00
246.22	784917.82	425801.92	32.167296	-103.412569	1.17	0.92
247.29	784918.89	425801.97	32.167296	-103.412566	4.53	4.44
248.80	784920.40	425801.95	32.167296	-103.412561	3.96	3.88
250.60	784922.20	425801.88	32.167295	-103.412555	1.24	1.24
252.53	784924.13	425801.81	32.167295	-103.412549	1.24	1.24
254.67	784926.27	425801.72	32.167295	-103.412542	2.49	2.48

256.98	784928.58	425801.60	32.167294	-103.412535	0.80	0.76
259.36	784930.96	425801.46	32.167294	-103.412527	0.64	0.64
261.79	784933.39	425801.32	32.167294	-103.412519	0.16	0.16
264.29	784935.89	425801.11	32.167293	-103.412511	1.61	1.28
266.86	784938.46	425800.82	32.167292	-103.412503	0.60	0.24
269.44	784941.04	425800.47	32.167291	-103.412494	0.36	-0.04
272.01	784943.61	425800.13	32.167290	-103.412486	0.52	-0.20
274.53	784946.13	425799.84	32.167289	-103.412478	0.72	-0.68
276.97	784948.57	425799.59	32.167289	-103.412470	1.06	-0.96
279.35	784950.95	425799.38	32.167288	-103.412462	0.17	-0.16
281.71	784953.31	425799.18	32.167287	-103.412455	0.54	-0.36
284.06	784955.66	425799.01	32.167287	-103.412447	0.22	0.20
286.39	784957.99	425798.86	32.167286	-103.412440	0.46	-0.44
288.70	784960.30	425798.72	32.167286	-103.412432	0.24	-0.20
291.00	784962.60	425798.59	32.167285	-103.412425	0.21	0.20
293.31	784964.91	425798.47	32.167285	-103.412417	0.16	-0.16
295.61	784967.21	425798.36	32.167285	-103.412410	0.21	0.08
297.88	784969.48	425798.30	32.167284	-103.412403	0.90	-0.64
300.12	784971.72	425798.28	32.167284	-103.412395	0.12	-0.08
302.34	784973.94	425798.29	32.167284	-103.412388	0.52	-0.20
304.53	784976.13	425798.34	32.167284	-103.412381	0.54	-0.28
306.69	784978.29	425798.53	32.167285	-103.412374	1.85	-0.16
308.85	784980.45	425798.86	32.167286	-103.412367	0.95	0.40
311.01	784982.61	425799.28	32.167287	-103.412360	0.78	-0.08
313.12	784984.72	425799.77	32.167288	-103.412353	0.82	-0.48
315.14	784986.74	425800.32	32.167290	-103.412347	1.16	-0.92
317.09	784988.69	425800.89	32.167291	-103.412340	0.38	-0.36
318.99	784990.59	425801.48	32.167293	-103.412334	0.48	-0.16
320.86	784992.46	425802.13	32.167294	-103.412328	0.76	-0.16
322.70	784994.30	425802.83	32.167296	-103.412322	0.29	0.04
324.54	784996.14	425803.54	32.167298	-103.412316	0.13	-0.12
326.36	784997.96	425804.27	32.167300	-103.412310	0.55	0.00
328.15	784999.75	425805.06	32.167302	-103.412305	0.55	-0.04
329.94	785001.54	425805.88	32.167305	-103.412299	0.16	0.16
331.73	785003.33	425806.72	32.167307	-103.412293	0.45	0.08
333.52	785005.12	425807.57	32.167309	-103.412287	0.42	-0.12
335.31	785006.91	425808.40	32.167311	-103.412281	0.17	0.16
337.17	785008.77	425809.31	32.167314	-103.412275	1.67	1.48
339.11	785010.71	425810.31	32.167316	-103.412269	0.68	0.68
341.11	785012.71	425811.33	32.167319	-103.412263	0.40	0.40
343.13	785014.73	425812.36	32.167322	-103.412256	0.03	0.00
345.16	785016.76	425813.35	32.167325	-103.412249	0.90	-0.12
347.20	785018.80	425814.25	32.167327	-103.412243	0.60	-0.28
349.25	785020.85	425815.10	32.167329	-103.412236	0.51	-0.16

351.28	785022.88	425815.91	32.167332	-103.412230	0.37	-0.36
353.29	785024.89	425816.71	32.167334	-103.412223	0.06	0.04
355.30	785026.90	425817.52	32.167336	-103.412216	0.10	-0.04
357.30	785028.90	425818.36	32.167338	-103.412210	0.46	0.04
359.31	785030.91	425819.19	32.167340	-103.412203	0.54	0.00
361.32	785032.92	425820.00	32.167343	-103.412197	0.10	0.04
363.34	785034.94	425820.82	32.167345	-103.412190	0.05	0.00
365.35	785036.95	425821.62	32.167347	-103.412184	0.24	-0.24
367.34	785038.94	425822.41	32.167349	-103.412177	0.17	-0.04
369.32	785040.92	425823.22	32.167351	-103.412171	0.54	-0.16
371.26	785042.86	425824.05	32.167354	-103.412165	0.34	-0.24
373.14	785044.74	425824.91	32.167356	-103.412159	0.99	-0.68
374.84	785046.44	425825.85	32.167358	-103.412153	2.51	-1.48
376.33	785047.93	425826.92	32.167361	-103.412148	1.93	-0.52
377.71	785049.31	425828.06	32.167364	-103.412144	0.68	-0.28
379.03	785050.63	425829.20	32.167367	-103.412139	0.60	-0.60
380.24	785051.84	425830.33	32.167371	-103.412136	1.53	-1.12
381.31	785052.91	425831.46	32.167374	-103.412132	1.10	-0.56
382.31	785053.91	425832.61	32.167377	-103.412129	0.18	-0.12
383.34	785054.94	425833.76	32.167380	-103.412125	0.61	0.44
384.37	785055.97	425834.93	32.167383	-103.412122	0.42	-0.12
385.37	785056.97	425836.10	32.167386	-103.412119	0.41	-0.28
386.34	785057.94	425837.27	32.167390	-103.412116	0.09	0.04
387.30	785058.90	425838.45	32.167393	-103.412113	0.45	-0.16
388.20	785059.80	425839.63	32.167396	-103.412110	0.65	-0.52
389.10	785060.70	425840.76	32.167399	-103.412107	0.78	-0.04
390.02	785061.62	425841.87	32.167402	-103.412104	0.20	-0.16
390.92	785062.52	425842.97	32.167405	-103.412101	0.09	-0.08
391.86	785063.46	425844.03	32.167408	-103.412098	0.96	-0.12
392.85	785064.45	425845.04	32.167411	-103.412094	0.20	0.04
393.85	785065.45	425846.00	32.167413	-103.412091	0.79	-0.44
394.84	785066.44	425846.88	32.167416	-103.412088	0.76	-0.64
395.83	785067.43	425847.70	32.167418	-103.412085	0.52	-0.24
396.83	785068.43	425848.49	32.167420	-103.412081	0.16	0.12
397.82	785069.42	425849.31	32.167422	-103.412078	0.36	0.04
398.82	785070.42	425850.15	32.167425	-103.412075	0.44	0.32
399.87	785071.47	425850.96	32.167427	-103.412072	0.47	0.12
400.93	785072.53	425851.81	32.167429	-103.412068	0.78	0.44
402.01	785073.61	425852.72	32.167432	-103.412065	0.52	0.52
403.15	785074.75	425853.62	32.167434	-103.412061	0.79	0.24
404.31	785075.91	425854.52	32.167436	-103.412057	0.46	0.00
405.56	785077.16	425855.41	32.167439	-103.412053	2.17	1.44
407.02	785078.62	425856.21	32.167441	-103.412048	1.97	0.84
408.63	785080.23	425856.94	32.167443	-103.412043	1.16	0.96

410.31	785081.91	425857.65	32.167445	-103.412038	0.35	0.16
412.10	785083.70	425858.34	32.167447	-103.412032	1.59	1.48
414.06	785085.66	425859.02	32.167449	-103.412025	1.78	1.52
416.18	785087.78	425859.63	32.167450	-103.412019	1.22	0.72
418.34	785089.94	425860.19	32.167452	-103.412012	0.37	-0.08
420.49	785092.09	425860.70	32.167453	-103.412005	0.48	-0.36
422.60	785094.20	425861.15	32.167454	-103.411998	0.89	-0.72
424.63	785096.23	425861.55	32.167455	-103.411991	0.78	-0.72
426.61	785098.21	425861.90	32.167456	-103.411985	0.63	-0.56
428.55	785100.15	425862.21	32.167457	-103.411979	0.22	-0.04
430.46	785102.06	425862.48	32.167458	-103.411972	1.03	-0.80
432.26	785103.86	425862.66	32.167458	-103.411967	1.44	-1.32
433.98	785105.58	425862.77	32.167458	-103.411961	0.73	-0.32
435.70	785107.30	425862.85	32.167459	-103.411955	0.31	0.28
437.41	785109.01	425862.94	32.167459	-103.411950	0.36	-0.36
439.08	785110.68	425863.00	32.167459	-103.411945	0.73	-0.60
440.68	785112.28	425863.04	32.167459	-103.411939	0.44	-0.44
442.27	785113.87	425863.07	32.167459	-103.411934	0.12	0.08
443.84	785115.44	425863.08	32.167459	-103.411929	0.50	-0.32
445.41	785117.01	425863.08	32.167459	-103.411924	0.35	0.20
447.05	785118.65	425863.07	32.167459	-103.411919	1.24	1.08
448.80	785120.40	425862.99	32.167459	-103.411913	1.26	1.12
450.64	785122.24	425862.85	32.167458	-103.411907	0.54	0.40
452.51	785124.11	425862.69	32.167458	-103.411901	0.31	0.28
454.44	785126.04	425862.51	32.167457	-103.411895	1.10	0.92
456.45	785128.05	425862.26	32.167457	-103.411888	0.75	0.64
458.50	785130.10	425861.96	32.167456	-103.411882	0.55	0.20
460.54	785132.14	425861.64	32.167455	-103.411875	0.39	-0.28
462.55	785134.15	425861.32	32.167454	-103.411869	0.59	-0.40
464.50	785136.10	425860.92	32.167453	-103.411862	1.21	-0.28
466.40	785138.00	425860.47	32.167451	-103.411856	0.44	-0.44
468.26	785139.86	425860.02	32.167450	-103.411850	0.36	-0.36
470.11	785141.71	425859.57	32.167449	-103.411844	0.21	0.20
472.08	785143.68	425859.11	32.167447	-103.411838	1.96	1.96
474.36	785145.96	425858.48	32.167446	-103.411831	4.71	4.52
476.92	785148.52	425857.65	32.167443	-103.411822	1.54	1.32
479.53	785151.13	425856.76	32.167441	-103.411814	0.17	-0.16
482.11	785153.71	425855.87	32.167438	-103.411806	0.41	-0.12
484.77	785156.37	425854.90	32.167436	-103.411797	1.92	1.88
487.55	785159.15	425853.84	32.167433	-103.411788	0.76	0.68
490.35	785161.95	425852.72	32.167430	-103.411779	0.64	0.12
493.10	785164.70	425851.58	32.167426	-103.411770	0.80	-0.80
495.75	785167.35	425850.47	32.167423	-103.411762	1.20	-1.20
498.27	785169.87	425849.39	32.167420	-103.411754	1.21	-1.08

500.71	785172.31	425848.32	32.167417	-103.411746	0.43	-0.36
503.09	785174.69	425847.26	32.167414	-103.411738	0.95	-0.84
505.41	785177.01	425846.21	32.167411	-103.411731	0.10	-0.08
507.72	785179.32	425845.17	32.167408	-103.411723	0.40	-0.36
509.98	785181.58	425844.14	32.167405	-103.411716	0.53	-0.48
512.15	785183.75	425843.13	32.167403	-103.411709	1.17	-1.12
514.29	785185.89	425842.17	32.167400	-103.411702	1.19	0.16
516.51	785188.11	425841.32	32.167398	-103.411695	1.01	0.44
518.79	785190.39	425840.52	32.167395	-103.411688	0.66	0.28
521.07	785192.67	425839.79	32.167393	-103.411680	0.89	-0.72
523.27	785194.87	425839.11	32.167391	-103.411673	0.88	-0.88
525.38	785196.98	425838.48	32.167390	-103.411666	1.03	-1.00
527.37	785198.97	425837.89	32.167388	-103.411660	1.28	-1.28
529.22	785200.82	425837.34	32.167386	-103.411654	1.56	-1.56
530.94	785202.54	425836.84	32.167385	-103.411648	0.77	-0.76
532.60	785204.20	425836.34	32.167383	-103.411643	0.58	-0.48
534.19	785205.79	425835.86	32.167382	-103.411638	0.81	-0.76
535.72	785207.32	425835.41	32.167381	-103.411633	0.52	-0.52
537.23	785208.83	425834.98	32.167380	-103.411628	0.28	0.00
538.71	785210.31	425834.57	32.167378	-103.411623	0.56	-0.52
540.15	785211.75	425834.15	32.167377	-103.411619	0.20	-0.16
541.58	785213.18	425833.73	32.167376	-103.411614	0.18	-0.08
543.01	785214.61	425833.27	32.167375	-103.411610	0.99	0.40
544.52	785216.12	425832.86	32.167374	-103.411605	2.36	0.80
546.14	785217.74	425832.55	32.167373	-103.411599	0.72	0.72
547.80	785219.40	425832.14	32.167372	-103.411594	1.68	0.32
549.52	785221.12	425831.55	32.167370	-103.411589	2.06	1.80
551.46	785223.06	425830.82	32.167368	-103.411582	2.76	2.76
553.14	785224.74	425830.18	32.167366	-103.411577	0.57	0.50
563.34	785234.94	425825.28	32.167352	-103.411544	2.33	2.18
574.99	785246.59	425820.22	32.167338	-103.411507	1.58	0.56
587.51	785259.11	425815.54	32.167325	-103.411466	0.60	0.05
598.85	785270.45	425810.69	32.167311	-103.411430	1.21	-1.20
609.27	785280.87	425806.50	32.167300	-103.411396	0.48	-0.05
619.89	785291.49	425804.01	32.167293	-103.411362	1.77	-0.41
628.56	785300.16	425804.02	32.167292	-103.411334	2.86	-2.46
636.16	785307.76	425805.70	32.167297	-103.411309	1.45	1.37
645.82	785317.42	425807.09	32.167300	-103.411278	1.84	1.27
655.11	785326.71	425806.11	32.167298	-103.411248	2.79	-1.81
662.09	785333.69	425803.41	32.167290	-103.411226	0.93	-0.72
667.72	785339.32	425800.88	32.167283	-103.411207	0.91	-0.90
673.49	785345.09	425799.28	32.167278	-103.411189	1.20	0.72
682.13	785353.73	425797.55	32.167273	-103.411161	2.77	2.75
693.28	785364.88	425795.73	32.167268	-103.411125	0.92	0.43

704.14	785375.74	425795.05	32.167266	-103.411090	1.05	-0.82
715.15	785386.75	425794.09	32.167263	-103.411054	1.33	0.91
726.36	785397.96	425792.05	32.167257	-103.411018	0.55	-0.35
735.66	785407.26	425789.95	32.167251	-103.410988	2.20	-2.19
743.74	785415.34	425787.40	32.167244	-103.410962	1.17	0.98
751.11	785422.71	425783.82	32.167234	-103.410938	1.79	-1.40
756.14	785427.74	425779.34	32.167222	-103.410922	2.15	-1.82
758.93	785430.53	425777.13	32.167215	-103.410913	1.75	0.59
763.59	785435.19	425775.65	32.167211	-103.410898	0.92	0.86
768.30	785439.90	425774.13	32.167207	-103.410883	0.92	-0.84
773.27	785444.87	425771.09	32.167198	-103.410867	2.22	2.01
782.72	785454.32	425761.65	32.167172	-103.410837	7.77	7.62
787.62	785459.22	425756.38	32.167158	-103.410821	8.02	7.91
793.53	785465.13	425750.42	32.167141	-103.410802	9.46	9.32
800.49	785472.09	425743.25	32.167121	-103.410780	7.08	6.53
807.65	785479.25	425735.46	32.167100	-103.410757	4.61	4.58
815.73	785487.33	425726.47	32.167075	-103.410731	9.52	9.47
824.38	785495.98	425716.47	32.167047	-103.410704	10.11	9.97
834.05	785505.65	425704.73	32.167015	-103.410673	10.26	10.00
844.29	785515.89	425691.56	32.166978	-103.410640	9.43	9.03
854.38	785525.98	425677.75	32.166940	-103.410608	4.94	3.84
864.65	785536.25	425662.25	32.166897	-103.410575	11.22	9.31
874.35	785545.95	425645.88	32.166852	-103.410544	7.08	5.32
884.04	785555.64	425628.48	32.166804	-103.410513	8.34	8.19
894.27	785565.87	425609.18	32.166751	-103.410481	11.83	11.34
904.27	785575.87	425589.15	32.166695	-103.410449	9.37	8.90
911.65	785583.25	425573.62	32.166652	-103.410425	7.40	6.65
921.35	785592.95	425551.78	32.166592	-103.410395	9.55	8.26
930.76	785602.36	425528.84	32.166529	-103.410365	9.75	9.13
940.24	785611.84	425503.91	32.166460	-103.410335	12.78	12.03
948.68	785620.28	425478.20	32.166389	-103.410308	18.66	15.74
956.10	785627.70	425450.02	32.166312	-103.410285	17.62	14.91
962.11	785633.71	425421.60	32.166233	-103.410267	12.17	9.84
967.29	785638.89	425391.79	32.166151	-103.410251	5.48	-0.34
971.34	785642.94	425361.85	32.166069	-103.410238	7.28	-1.44
974.76	785646.36	425332.38	32.165988	-103.410228	17.17	17.16
979.47	785651.07	425293.08	32.165880	-103.410214	34.58	34.57
982.77	785654.37	425261.25	32.165792	-103.410204	7.23	-2.81
985.40	785657.00	425230.37	32.165707	-103.410197	0.20	-0.19
992.86	785664.46	425136.68	32.165450	-103.410175	2.03	1.91
997.78	785669.38	425042.83	32.165191	-103.410162	2.87	1.12
1000.02	785671.62	424948.89	32.164933	-103.410157	0.88	-0.26
1001.52	785673.12	424853.92	32.164672	-103.410155	0.14	0.01
1002.28	785673.88	424759.96	32.164414	-103.410155	0.82	0.20

1000.59	785672.19	424665.07	32.164153	-103.410163	3.01	1.91
997.03	785668.63	424571.35	32.163896	-103.410177	1.20	1.19
993.34	785664.94	424477.76	32.163638	-103.410192	0.72	0.71
988.98	785660.58	424383.09	32.163378	-103.410209	2.64	-2.54
987.19	785658.79	424288.15	32.163117	-103.410217	5.30	-3.46
990.00	785661.60	424194.20	32.162859	-103.410211	2.82	2.07
992.66	785664.26	424100.32	32.162601	-103.410205	2.75	1.79
994.34	785665.94	424005.38	32.162340	-103.410202	6.37	-6.33
995.70	785667.30	423910.42	32.162079	-103.410200	4.24	4.07
994.30	785665.90	423816.44	32.161821	-103.410207	2.90	-1.64
989.90	785661.50	423721.56	32.161560	-103.410224	3.17	2.83
984.97	785656.57	423627.71	32.161302	-103.410243	3.57	-3.50
981.61	785653.21	423533.79	32.161044	-103.410256	1.38	0.10
978.19	785649.79	423439.86	32.160786	-103.410270	1.84	1.12
971.41	785643.01	423345.12	32.160526	-103.410294	2.85	-0.57
961.65	785633.25	423252.66	32.160272	-103.410328	3.80	3.57
953.16	785624.76	423158.26	32.160012	-103.410358	3.82	2.14
949.42	785621.02	423065.69	32.159758	-103.410373	2.86	0.49
948.47	785620.07	422970.82	32.159497	-103.410379	5.84	-5.77
947.76	785619.36	422876.82	32.159239	-103.410384	0.64	-0.22
948.19	785619.79	422781.83	32.158978	-103.410385	2.49	1.42
949.89	785621.49	422687.91	32.158720	-103.410382	2.55	2.51
951.40	785623.00	422593.01	32.158459	-103.410380	1.70	-1.69
953.84	785625.44	422499.11	32.158201	-103.410374	1.67	1.27
957.49	785629.09	422409.44	32.157954	-103.410365	3.26	3.18
960.70	785632.30	422313.82	32.157691	-103.410357	2.64	-2.16
960.93	785632.53	422219.92	32.157433	-103.410359	3.23	-2.33
960.70	785632.30	422125.93	32.157175	-103.410363	3.64	-3.26
963.04	785634.64	422030.06	32.156911	-103.410358	2.36	-1.73
965.96	785637.56	421936.21	32.156653	-103.410351	1.64	1.43
966.98	785638.58	421842.23	32.156395	-103.410350	2.72	2.16
966.50	785638.10	421748.23	32.156136	-103.410354	0.41	0.30
966.64	785638.24	421653.25	32.155875	-103.410356	2.69	-2.47
968.37	785639.97	421558.43	32.155615	-103.410353	2.82	-2.65
970.21	785641.81	421463.70	32.155354	-103.410350	1.17	0.83
971.09	785642.69	421368.76	32.155093	-103.410350	6.93	6.92
971.50	785643.10	421273.91	32.154833	-103.410351	0.79	0.76
972.44	785644.04	421180.06	32.154575	-103.410351	1.21	-0.79
975.18	785646.78	421085.17	32.154314	-103.410345	1.90	-1.33
978.70	785650.30	420990.26	32.154053	-103.410336	0.83	-0.74
979.81	785651.41	420896.29	32.153794	-103.410335	2.73	0.52
983.52	785655.12	420801.41	32.153534	-103.410325	6.67	-3.03
987.19	785658.79	420707.54	32.153275	-103.410316	7.56	4.59
984.55	785656.15	420612.64	32.153015	-103.410327	2.99	-2.12

977.37	785648.97	420517.95	32.152755	-103.410353	5.31	-3.85
967.34	785638.94	420424.54	32.152498	-103.410388	2.62	2.62
958.72	785630.32	420332.08	32.152244	-103.410419	6.81	6.55
952.10	785623.70	420239.76	32.151990	-103.410443	0.78	-0.10
946.92	785618.52	420145.25	32.151731	-103.410462	1.95	-1.48
941.88	785613.48	420050.59	32.151471	-103.410481	1.31	-0.73
936.32	785607.92	419955.91	32.151211	-103.410501	0.60	-0.40
931.86	785603.46	419863.12	32.150956	-103.410518	1.03	-0.56
927.24	785598.84	419769.35	32.150698	-103.410536	1.09	0.40
926.45	785598.05	419673.42	32.150434	-103.410541	7.20	-4.14
930.60	785602.20	419579.55	32.150176	-103.410530	1.08	-1.02
934.79	785606.39	419485.69	32.149918	-103.410519	0.37	0.20
939.00	785610.60	419390.85	32.149657	-103.410508	0.50	-0.42
942.08	785613.68	419295.92	32.149396	-103.410501	3.37	2.91
945.12	785616.72	419202.98	32.149141	-103.410494	1.78	0.04
950.60	785622.20	419109.14	32.148883	-103.410479	1.46	-0.53
955.36	785626.96	419015.28	32.148625	-103.410466	2.71	1.46
959.11	785630.71	418920.36	32.148364	-103.410456	1.87	-1.63
962.89	785634.49	418826.44	32.148105	-103.410447	1.51	1.27
965.99	785637.59	418732.52	32.147847	-103.410439	0.70	0.70
971.24	785642.84	418636.69	32.147584	-103.410425	3.13	-1.69
977.42	785649.02	418542.90	32.147326	-103.410408	1.37	-0.24
980.94	785652.54	418449.97	32.147070	-103.410399	2.37	1.17
984.37	785655.97	418356.07	32.146812	-103.410390	2.13	1.00
989.77	785661.37	418262.27	32.146554	-103.410376	0.69	-0.17
994.57	785666.17	418167.44	32.146293	-103.410363	1.51	-0.12
998.62	785670.22	418072.55	32.146032	-103.410352	1.16	-1.02
1001.08	785672.68	417978.59	32.145774	-103.410347	2.91	-1.35
1001.10	785672.70	417884.59	32.145516	-103.410349	0.79	0.53
999.25	785670.85	417790.61	32.145257	-103.410358	1.95	0.60
995.29	785666.89	417698.72	32.145005	-103.410373	1.62	1.26
988.48	785660.08	417605.02	32.144748	-103.410398	2.62	0.43
979.97	785651.57	417512.47	32.144493	-103.410428	0.28	-0.14
972.22	785643.82	417417.82	32.144233	-103.410456	1.09	-0.49
966.12	785637.72	417325.05	32.143979	-103.410478	1.00	-0.11
961.29	785632.89	417231.19	32.143721	-103.410496	1.10	-0.81
956.48	785628.08	417137.32	32.143463	-103.410514	0.99	-0.70
953.41	785625.01	417042.38	32.143202	-103.410527	3.04	-0.71
952.99	785624.59	416947.39	32.142941	-103.410531	0.43	0.09
952.06	785623.66	416853.40	32.142683	-103.410536	1.15	-0.34
951.03	785622.63	416758.43	32.142421	-103.410542	1.08	-0.51
953.49	785625.09	416665.65	32.142166	-103.410537	5.36	-3.94
958.85	785630.45	416571.18	32.141907	-103.410522	0.08	-0.06
965.63	785637.23	416471.82	32.141633	-103.410503	1.27	0.09

973.11	785644.71	416378.31	32.141376	-103.410482	3.10	3.10
980.54	785652.14	416284.75	32.141119	-103.410460	1.88	-1.87
987.16	785658.76	416191.08	32.140861	-103.410441	3.15	3.00
992.39	785663.99	416096.26	32.140600	-103.410427	4.55	4.45
996.74	785668.34	416002.50	32.140343	-103.410416	0.18	-0.13
1003.61	785675.21	415907.79	32.140082	-103.410396	5.87	-4.88
1011.17	785682.77	415815.12	32.139827	-103.410374	2.45	1.06
1012.19	785683.79	415721.18	32.139569	-103.410374	6.77	2.12
1010.94	785682.54	415626.26	32.139308	-103.410380	3.72	1.33
1013.90	785685.50	415533.37	32.139053	-103.410373	2.28	-1.12
1018.27	785689.87	415438.48	32.138792	-103.410362	1.49	-1.47
1020.32	785691.92	415344.51	32.138533	-103.410358	2.70	0.02
1019.82	785691.42	415253.52	32.138283	-103.410362	0.69	0.23
1015.47	785687.07	415159.64	32.138025	-103.410379	4.39	0.59
1010.32	785681.92	415094.85	32.137847	-103.410397	2.19	-2.14
1006.41	785678.01	415044.00	32.137708	-103.410411	0.00	0.00

Turn Rate	Vertical Section
TRN	VS
0.00	0.00
0.00	-0.04
8.12	-0.07
-3.12	-0.11
7.00	-0.15
-13.00	-0.19
-51.08	-0.17
10.88	-0.11
-51.16	-0.04
-2.20	0.07
-32.16	0.20
26.28	0.34

0.36	0.45
7.00	0.56
9.16	0.66
-1.68	0.75
0.04	0.85
48.48	0.92
-8.32	0.95
-18.28	1.01
-0.56	1.07
5.64	1.13
76.32	1.14
50.68	1.09
-22.32	1.03
-54.04	1.00
-0.96	1.00
-11.88	1.00
-30.80	1.01
-2.96	1.03
-69.04	1.06
-67.24	1.11
-180.20	1.15
181.92	1.18
6.00	1.22
-95.12	1.27
36.68	1.32
-482.24	1.35
-90.36	1.34
75.56	1.33
-127.28	1.30
62.36	1.26
-41.76	1.21
-48.56	1.12
-43.40	1.00
4.36	0.89
-41.20	0.78
43.08	0.69
50.92	0.63
46.16	0.57
-34.92	0.51
28.04	0.44
-33.44	0.37
7.20	0.30
37.96	0.25
41.44	0.22

116.44	0.22
16.04	0.24
14.20	0.28
9.80	0.34
-33.68	0.38
28.12	0.42
10.76	0.47
5.52	0.51
9.92	0.55
13.24	0.59
6.72	0.65
-4.84	0.73
-54.20	0.79
-23.12	0.83
-39.08	0.85
108.52	0.89
13.08	0.98
17.12	1.10
-46.80	1.22
1.40	1.32
31.84	1.45
22.40	1.61
-4.88	1.78
12.44	1.98
0.32	2.20
-14.52	2.43
3.92	2.67
4.28	2.92
1.56	3.15
15.36	3.39
17.96	3.66
29.40	3.97
-21.48	4.29
6.92	4.60
22.04	4.90
0.64	5.23
-9.00	5.58
-6.16	5.93
13.28	6.28
-43.76	6.62
0.08	6.94
-41.40	7.25
-23.68	7.59
-17.28	7.97

-5.76	8.37
2.12	8.80
28.88	9.36
12.00	10.09
-1.92	10.89
-26.52	11.71
-35.64	12.50
-5.96	13.32
-7.16	14.15
-0.44	14.98
-0.64	15.81
0.84	16.67
0.28	17.57
-1.16	18.49
-2.24	19.41
-4.20	20.32
-1.00	21.20
-17.52	21.97
-3.96	22.61
-6.60	23.17
-0.60	23.69
-0.96	24.21
-1.72	24.71
-4.12	25.17
-2.36	25.59
-3.48	25.97
-4.64	26.29
-0.04	26.57
-1.04	26.85
-0.20	27.12
-0.20	27.39
1.96	27.67
7.56	28.01
1.24	28.40
1.24	28.79
0.68	29.20
16.20	29.69
8.60	30.32
1.48	30.99
1.04	31.68
-5.44	32.34
-1.76	32.95
2.84	33.57
6.16	34.21

30.88	34.96
9.48	35.80
2.28	36.64
0.40	37.49
-4.72	38.31
1.80	39.10
-11.32	39.83
-19.36	40.41
-10.68	40.83
-11.36	41.15
-14.12	41.39
-12.88	41.55
-1.72	41.66
1.64	41.77
-7.96	41.86
-0.36	41.93
0.88	42.00
4.88	42.09
2.44	42.19
-4.12	42.30
-4.32	42.38
-3.16	42.44
-3.40	42.48
-9.04	42.49
1.60	42.47
3.64	42.47
-13.88	42.44
1.28	42.37
-8.72	42.28
-0.16	42.16
-12.12	42.00
-3.08	41.80
-9.92	41.58
-18.20	41.28
-19.96	40.90
-16.96	40.46
-31.76	39.96
-18.72	39.40
-33.80	38.76
-13.96	38.04
3.76	37.29
21.84	36.56
25.32	35.81
41.64	35.14

36.20	34.63
15.32	34.24
17.64	33.93
7.16	33.69
4.04	33.49
3.44	33.32
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-1.88	32.83
-4.40	32.59
1.08	32.32
2.76	32.06
2.16	31.82
15.76	31.66
14.24	31.67
15.20	31.83
5.12	32.11
6.16	32.49
1.60	32.93
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1.88	34.66
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4.88	35.31
1.48	35.61
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0.20	36.17
-1.04	36.42
-1.20	36.63
-0.32	36.80
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-4.16	37.04
-11.28	37.10
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20.68	37.20
-15.36	37.28
3.84	37.34
-23.52	37.36
21.36	37.41
13.20	37.57
-0.84	37.81
-1.04	38.06
2.92	38.34

2.64	38.67
0.20	39.03
0.20	39.40
9.80	39.84
5.28	40.37
3.48	40.95
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-2.28	42.05
-4.68	42.52
0.56	42.95
-4.32	43.37
-0.92	43.75
-1.56	44.12
-1.52	44.47
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-6.88	45.74
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5.04	39.80
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9.88	35.12
5.88	34.41
5.48	33.75

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1.96	28.14
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6.92	18.32
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13.36	11.88
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0.68	9.85
16.80	8.89
3.44	7.97
11.76	7.10
7.60	6.32
8.92	5.60
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-6.88	4.17
5.84	3.44
8.64	2.72
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12.96	0.38
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26.28	-1.18
26.76	-1.85
9.12	-2.43

4.28	-2.97
7.40	-3.50
11.08	-3.99
11.12	-4.41
4.00	-4.76
3.60	-5.07
6.16	-5.33
3.56	-5.53
3.64	-5.70
2.72	-5.83
8.48	-5.92
8.00	-5.94
9.48	-5.88
-1.96	-5.81
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6.12	-5.65
0.24	-5.54
1.36	-5.42
6.16	-5.29
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9.24	-4.98
8.16	-4.73
4.92	-4.43
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7.72	-3.74
4.80	-3.30
6.16	-2.81
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5.40	-1.81
14.76	-1.23
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0.40	1.28
14.12	2.12
7.28	3.18
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3.56	5.43
3.60	6.65
2.88	7.95
5.20	9.33
0.64	10.72
0.08	12.07
4.92	13.38

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-4.44	31.32
3.28	31.87
2.08	32.42
-2.76	32.97
15.12	33.56
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0.56	34.57
24.16	35.13
13.84	35.88
0.00	36.78
3.15	37.57
7.55	43.40
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4.29	55.33
1.31	61.20
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-14.89	69.79
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12.87	69.13
21.62	70.96
7.48	74.29
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3.63	81.98
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8.36	88.47
3.50	91.54
1.89	94.49
7.18	97.77
13.03	102.02
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7.05	113.26
15.95	116.74
11.79	127.02
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8.75	146.98
1.48	155.40
2.56	165.10
4.03	175.85
4.87	188.43
5.22	202.50
5.65	217.17
10.78	233.56
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2.45	268.97
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6.23	348.80
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5.19	398.21
11.48	424.58
10.31	453.33
7.65	482.18
5.78	512.35
7.56	542.53
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0.67	768.73
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0.84	956.38
0.14	1051.07
0.80	1144.71

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1.17	1990.00
2.39	2083.45
1.42	2177.52
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-1.37	2363.72
1.46	2456.93
2.79	2550.65
1.31	2641.81
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0.41	3203.05
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1.66	4046.70
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0.82	4423.91
0.39	4518.52
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6.01	5178.40
2.12	5272.66

3.65	5366.27
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2.29	6860.49
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-0.67	7613.46
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2.57	7896.97
0.59	7990.57
1.85	8083.97
1.02	8175.11
2.59	8267.78
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2.70	10521.56
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0.00	10819.51