Universidade Estadual de Londrina

FINAL EXERCISE SESSION FOR SHOULDER FLEXION AND EXTENSION MOVEMENTS - RIGHT SIDE

2001 - 2026 25 ANOS Grupo de Pesquisa em Avaliação e Intervenção em Fisioterapia

ISOK_EXERC_FLEX_EXT_300_R_SIDE
01/08
Set #1

TIME	TORQUE	POSITION	POS(ANAT)	VELOCITY
0	0.0	253.5	2	0.0
10	3.8	253.5	2	0.2
20	6.1	253.5	2	1.0
30	8.9	253.5	2	2.3
40	11.0	253.4	2	4.7
50	11.5	253.4	2	7.9
60	11.1	253.3	2	10.9
70	10.0	253.1	2	14.1
80	9.5	253.0	2	17.3
90	9.9	252.8	3	19.7
100	11.0	252.5	3	22.8
110	12.3	252.3	3	25.8
120	13.0	252.0	3	29.2
130	13.0	251.7	4	33.2
140	12.5	251.3	4	37.0
150	12.3	250.9	5	40.7
160	12.7	250.5	5	44.1
170	13.4	250.0	5	47.6
180	14.1	249.5	6	51.3
190	14.1	249.0	6	55.3
200	13.8	248.4	7	59.3
210	13.4	247.8	8	63.3
220	13.0	247.1	8	66.8
230	12.9	246.4	9	70.2
240	13.3	245.7	10	74.0
250	13.7	244.9	11	77.7
260	13.7	244.1	11	81.4
270	13.4	243.3	12	84.9
280	12.7	242.4	13	88.6
290	11.9	241.5	14	91.8
300	11.1	240.5	15	95.0
310	11.0	239.6	16	97.7
320	13.7	238.6	17	100.8
330	3.4	237.5	18	103.5
340	0.3	236.5	19	104.0
350	0.5	235.5	20	103.5
360	-3.4	234.4	21	103.2
370	-10.3	233.4	22	101.1
380	-11.5	232.4	23	97.9
390	-8.1	231.5	24	94.5
400	-4.7	230.5	25	91.5
410	-1.8	229.6	26	89.9
420	-1.2	228.8	27	88.9
430	-1.5	227.9	28	88.1
440	-4.3	227.0	28	87.0
450	-7.1	226.1	29	84.9
460	0.8	225.3	30	82.7
470	3.0	224.5	31	82.7
480	17.4	223.6	32	85.1

490	31.1	222.7	33	91.0
500	27.3	221.8	34	100.3
510	8.7	220.7	35	107.2
520	-0.1	219.6	36	109.1
530	1.5	218.5	37	108.6
540	1.4	217.5	38	108.3
550	1.8	216.4	39	108.3
560	8.7	215.3	40	108.6
570	20.1	214.2	41	111.0
580	23.3	213.0	42	116.3
590	14.9	211.8	44	122.4
600	3.5	210.6	45	126.1
610	0.8	209.3	46	126.9
620	2.3	208.0	47	126.7
630	8.4	206.8	49	127.2
640	15.6	205.5	50	129.1
650	16.7	204.1	51	133.3
660	10.6	202.8	53	137.3
670	4.5	201.4	54	139.5
680	1.9	200.0	55	140.2
690	4.6	198.6	57	140.2
700	11.4	197.2	58	141.3
710	15.7	195.7	60	144.0
720	14.8	194.3	61	148.0
730	9.8	192.8	63	151.2
740	5.3	191.2	64	153.6
750	4.7	189.7	66	154.4
760	8.9	188.1	67	155.4
770	14.0	186.6	69	157.3
780	15.1	185.0	70	160.7
790	12.3	183.3	72	164.2
800	8.3	181.7	74	167.1
810	5.0	180.0	75	168.7
820	6.6	178.3	77	169.5
830	11.3	176.6	79	170.9
840	14.5	174.9	81	173.3
850	14.6	173.1	82	177.0
860	11.3	171.3	84	180.2
870	8.3	169.5	86	182.3
880	8.3	167.7	88	183.6
890	10.8	165.8	90	185.5
900	13.7	163.9	92	187.9
910	14.5	162.0	93	190.8
920	12.9	160.1	95	194.3
930	9.4	158.1	97	197.2
940	6.2	156.1	99	199.1
950	6.2	154.2	101	199.9
960	9.1	152.1	103	200.9
970	11.8	150.1	105	203.1
980	12.2	148.1	107	205.7
990	10.3	146.0	109	208.1
1000	8.3	143.9	112	210.3
1010	8.4	141.8	114	211.6
1020	9.9	139.7	116	213.2

1030	11.7	137.5	118	215.1
1040	11.8	135.3	120	217.5
1050	10.7	133.1	122	219.9
1060	7.5	130.9	125	222.0
1070	5.2	128.7	127	223.0
1080	3.8	126.5	129	223.6
1090	4.2	124.2	131	223.6
1100	5.0	122.0	133	223.8
1110	4.7	119.7	136	224.1
1120	3.3	117.5	138	224.4
1130	1.8	115.3	140	224.1
1140	1.8	113.0	142	224.1
1150	1.4	110.8	145	223.3
1160	-3.4	108.6	147	222.2
1170	-12.3	106.4	149	219.3
1180	-14.9	104.2	151	214.3
1190	-11.1	102.1	153	209.2
1200	-4.2	100.0	155	205.2
1210	-0.7	98.0	157	203.1
1220	-3.5	96.0	159	201.7
1230	-11.3	94.0	161	199.1
1240	-17.4	92.0	163	194.3
1250	-18.2	90.1	165	187.9
1260	-13.4	88.3	167	182.0
1270	-8.5	86.5	169	177.8
1280	-8.3	84.8	171	157.0
1290	-6.2	83.2	172	140.2
1300	1.8	81.8	174	134.7
1310	1.9	80.5	175	127.2
1320	7.5	79.6	176	89.7
1330	15.5	78.7	177	86.2
1340	16.7	77.9	178	81.7
1350	11.3	77.2	178	63.6
1360	5.2	76.7	179	54.0
1370	0.8	76.2	179	46.0
1380	0.9	75.8	180	39.4
1390	2.8	75.4	180	37.2
1400	4.3	75.1	180	29.2
1410	3.0	74.9	181	25.0
1420	-0.3	74.6	181	21.2
1430	-0.3	74.4	181	19.7
1440	-1.1	74.3	181	15.7
1450	-10.8	74.2	181	12.2
1460	-22.8	74.1	181	6.6
1470	-27.9	74.1	181	0.0
1480	-28.6	74.1	181	-4.7
1490	-27.4	74.2	181	-12.7
1500	-26.6	74.4	181	-21.0
1510	-27.8	74.6	181	-25.5
1520	-31.1	74.9	181	-29.8
1530	-33.4	75.3	180	-45.7
1540	-32.4	75.8	180	-55.3
1550	-28.6	76.3	179	-59.1
1560	-24.3	77.0	178	-60.1

1570	-22.9	77.7	178	-66.2
1580	-26.2	78.5	177	-87.5
1590	-31.1	79.3	176	-86.7
1600	-34.3	80.3	175	-85.7
1610	-33.2	81.3	174	-93.7
1620	-28.9	82.4	173	-102.2
1630	-25.4	83.6	172	-108.3
1640	-26.0	84.8	171	-114.2
1650	-30.1	86.2	169	-134.1
1660	-34.4	87.6	168	-142.4
1670	-35.5	89.1	166	-152.0
1680	-33.8	90.7	165	-161.8
1690	-30.6	92.4	163	-170.6
1700	-29.4	94.2	161	-178.9
1710	-31.1	96.0	159	-186.3
1720	-33.6	97.9	158	-194.8
1730	-33.1	100.0	155	-204.1
1740	-29.3	102.1	153	-212.7
1750	-24.3	104.2	151	-220.1
1760	-22.1	106.5	149	-226.0
1770	-23.9	108.8	147	-231.8
1780	-26.4	111.2	144	-238.0
1790	-28.1	113.6	142	-244.3
1800	-27.1	116.1	139	-251.8
1810	-23.5	118.7	137	-258.2
1820	-19.0	121.3	134	-263.2
1830	-17.4	123.9	132	-267.8
1840	-19.0	126.6	129	-271.8
1850	-20.6	129.4	126	-276.3
1860	-19.9	132.2	123	-280.8
1870	-17.4	135.0	120	-285.1
1880	-12.3	137.9	118	-288.5
1890	-8.3	140.8	115	-290.7
1900	-9.8	143.7	112	-290.7
1910	-14.2	146.6	109	-291.2
1920	-17.6	149.6	106	-291.7
1930	-19.1	152.5	103	-291.5
1940	-16.8	155.4	100	-292.0
1950	-10.8	158.3	97	-291.5
1960	-6.9	161.2	94	-290.9
1970	-6.4	164.1	91	-290.4
1980	-7.9	167.0	88	-290.9
1990	-9.4	169.9	86	-290.7
2000	-10.3	172.8	83	-290.9
2010	-8.1	175.8	80	-290.9
2020	-5.0	178.7	77	-290.7
2030	-2.8	181.6	74	-290.7
2040	-2.6	184.5	71	-290.1
2050	-2.7	187.4	68	-289.3
2060	-2.6	190.3	65	-288.8
2070	-2.6	193.2	62	-288.3
2080	-2.6	196.0	59	-287.5
2090	-2.6	198.9	57	-286.9
2100	-2.4	201.8	54	-286.4

2110	-1.6	204.6	51	-285.6
2120	1.8	207.5	48	-284.3
2130	5.0	210.3	45	-282.1
2140	4.3	213.1	42	-279.2
2150	0.7	215.9	40	-276.8
2160	-2.0	218.6	37	-275.5
2170	-2.6	221.4	34	-275.0
2180	-1.4	224.1	31	-273.9
2190	1.6	226.9	29	-272.8
2200	5.8	229.6	26	-271.0
2210	9.6	232.3	23	-267.2
2220	8.0	234.9	21	-263.0
2230	6.5	237.5	18	-259.5
2240	6.1	240.1	15	-256.6
2250	8.8	242.6	13	-253.1
2260	11.7	245.1	10	-248.9
2270	14.6	247.6	8	-243.8
2280	15.5	250.0	5	-238.2
2290	15.2	252.3	3	-232.4
2300	15.1	254.6	1	-227.0
2310	8.4	256.6	-1	-207.3
2320	-3.4	258.5	-3	-186.0
2330	-23.1	259.9	-4	-140.2
2340	-45.2	261.1	-6	-116.0
2350	-45.2	262.1	-7	-85.4
2360	-26.6	262.9	-7	-76.9
2370	0.9	263.6	-8	-66.2
2380	10.3	264.1	-9	-48.4
2390	35.5	264.5	-9	-39.9
2400	38.1	264.8	-9	-24.4
2410	31.9	264.9	-9	-14.3
2420	17.1	265.0	-10	-5.3
2430	9.4	265.0	-10	-0.5
2440	11.3	265.0	-10	0.2
2450	22.6	265.0	-10	3.9
2460	32.4	264.9	-9	9.5
2470	34.7	264.7	-9	19.9
2480	29.0	264.4	-9	32.2
2490	22.5	264.1	-9	37.0
2500	18.8	263.7	-8	38.8
2510	21.4	263.2	-8	53.2
2520	27.5	262.6	-7	59.6
2530	31.7	262.1	-7	61.4
2540	31.1	261.4	-6	63.0
2550	26.0	260.6	-5	85.9
2560	20.3	259.8	-4	84.6
2570	16.8	258.9	-3	80.9
2580	17.5	257.9	-2	103.8
2590	20.7	257.0	-2	108.8
2600	23.9	255.9	0	115.2
2610	24.0	254.8	1	122.1
2620	22.1	253.7	2	117.4
2630	18.7	252.5	3	123.2
2640	16.3	251.2	4	128.0

2650	16.5	249.9	6	132.5
2660	18.2	248.5	7	136.8
2670	19.8	247.1	8	141.6
2680	20.5	245.7	10	146.9
2690	19.0	244.1	11	152.2
2700	16.1	242.6	13	156.8
2710	15.1	241.0	14	160.7
2720	-1.2	239.4	16	164.2
2730	-28.9	237.7	18	163.4
2740	-42.2	236.1	19	155.4
2750	-29.6	234.7	21	143.7
2760	-5.3	233.3	22	135.5
2770	3.4	232.0	23	132.5
2780	1.5	230.7	25	132.5
2790	0.7	229.3	26	132.0
2800	-1.9	228.0	27	131.5
2810	-21.2	226.7	29	128.0
2820	-27.0	225.5	30	120.3
2830	-3.5	224.4	31	113.1
2840	13.4	223.2	32	112.8
2850	38.1	222.1	33	117.4
2860	36.3	220.8	35	128.8
2870	14.8	219.4	36	140.2
2880	-1.6	218.0	37	145.0
2890	-10.3	216.5	39	144.2
2900	-16.5	215.1	40	140.2
2910	-3.5	213.8	42	136.5
2920	2.6	212.4	43	136.0
2930	10.6	211.0	44	136.5
2940	25.8	209.6	46	139.5
2950	25.5	208.2	47	145.6
2960	12.2	206.7	49	151.4
2970	0.8	205.2	50	153.3
2980	1.5	203.6	52	153.3
2990	1.8	202.1	53	153.0
3000	3.1	200.6	55	152.8
3010	8.9	199.0	56	153.6
3020	14.8	197.5	58	155.4
3030	15.3	195.9	60	159.2
3040	9.6	194.3	61	162.6
3050	4.1	192.7	63	164.2
3060	2.6	191.0	64	164.7
3070	5.2	189.4	66	165.0
3080	9.9	187.7	68	166.1
3090	12.2	186.0	69	167.9
3100	10.8	184.3	71	170.6
3110	7.1	182.6	73	173.0
3120	3.8	180.9	75	174.1
3130	3.7	179.1	76	174.3
3140	7.1	177.4	78	174.9
3150	10.8	175.6	80	176.2
3160	11.8	173.8	82	178.6
3170	9.4	172.0	83	180.7
3180	5.3	170.2	85	182.8

3190	4.3	168.4	87	183.6
3200	6.0	166.5	89	184.2
3210	9.4	164.7	91	185.2
3220	10.8	162.8	93	187.4
3230	10.2	160.9	95	189.8
3240	8.0	159.0	96	191.6
3250	5.6	157.1	98	193.2
3260	6.2	155.1	100	194.0
3270	8.5	153.2	102	194.8
3280	11.0	151.2	104	196.4
3290	11.1	149.3	106	198.6
3300	8.9	147.3	108	200.9
3310	6.4	145.2	110	202.3
3320	5.4	143.2	112	203.1
3330	6.5	141.2	114	203.9
3340	8.7	139.1	116	204.9
3350	9.8	137.1	118	206.5
3360	9.5	135.0	120	208.4
3370	7.7	132.9	123	209.7
3380	5.8	130.8	125	211.1
3390	5.0	128.7	127	211.9
3400	4.9	126.5	129	212.4
3410	5.8	124.4	131	212.9
3420	6.2	122.3	133	213.2
3430	5.3	120.1	135	214.0
3440	3.9	118.0	137	214.8
3450	2.7	115.8	140	214.8
3460	2.3	113.7	142	214.5
3470	2.3	111.5	144	214.3
3480	2.2	109.4	146	213.7
3490	2.0	107.3	148	213.7
3500	1.8	105.1	150	212.9
3510	1.8	103.0	152	212.7
3520	1.6	100.9	155	212.1
3530	0.9	98.8	157	211.3
3540	-3.1	96.7	159	210.3
3550	-8.0	94.6	161	207.9
3560	-8.9	92.5	163	204.4
3570	-6.0	90.5	165	200.9
3580	-2.7	88.5	167	198.6
3590	-3.7	86.5	169	196.7
3600	-8.9	84.7	171	174.9
3610	-6.5	82.9	173	156.8
3620	2.6	81.4	174	145.3
3630	13.7	80.1	175	110.4
3640	29.8	79.0	176	104.6
3650	29.0	78.1	177	88.6
3660	15.9	77.3	178	73.7
3670	-0.4	76.7	179	54.3
3680	-4.5	76.1	179	50.8
3690	-16.7	75.7	180	41.2
3700	-20.5	75.3	180	36.2
3710	-19.9	75.1	180	26.8
3720	-13.7	74.8	181	23.6

3730	-11.3	74.6	181	17.5
3740	-12.6	74.5	181	12.5
3750	-18.8	74.4	181	10.1
3760	-23.2	74.3	181	3.1
3770	-25.6	74.4	181	-1.8
3780	-26.2	74.4	181	-6.1
3790	-25.0	74.5	181	-12.5
3800	-25.0	74.7	181	-18.6
3810	-27.5	75.0	180	-24.7
3820	-31.3	75.3	180	-38.3
3830	-32.4	75.7	180	-43.1
3840	-29.7	76.2	179	-46.5
3850	-23.6	76.8	179	-65.7
3860	-17.9	77.5	178	-72.9
3870	-15.6	78.1	177	-77.7
3880	-16.5	78.8	177	-74.5
3890	-18.8	79.6	176	-71.6
3900	-20.3	80.5	175	-92.6
3910	-19.8	81.4	174	-98.2
3920	-18.4	82.3	173	-94.5
3930	-17.9	83.3	172	-89.4
3940	-19.3	84.3	171	-93.4
3950	-20.5	85.4	170	-98.2
3960	-20.5	86.5	169	-114.2
3970	-19.0	87.7	168	-119.8
3980	-16.8	89.0	166	-124.8
3990	-16.5	90.2	165	-129.3
4000	-17.8	91.6	164	-133.3
4010	-20.3	92.9	163	-138.4
4020	-22.0	94.4	161	-143.4
4030	-21.4	95.8	160	-149.3
4040	-18.4	97.4	158	-154.6
4050	-15.3	99.0	156	-159.4
4060	-12.5	100.6	155	-162.6
4070	-11.8	102.2	153	-165.5
4080	-12.9	103.9	152	-168.5
4090	-14.8	105.6	150	-171.1
4100	-15.9	107.3	148	-175.4
4110	-15.5	109.1	146	-178.9
4120	-13.4	110.9	145	-182.3
4130	-11.7	112.8	143	-185.8
4140	-11.8	114.7	141	-188.4
4150	-12.9	116.6	139	-191.1
4160	-12.7	118.5	137	-194.0
4170	-11.4	120.5	135	-196.7
4180	-9.5	122.5	133	-198.8
4190	-9.6	124.5	131	-200.7
4200	-11.7	126.5	129	-202.5
4210	-13.6	128.5	127	-205.5
4220	-13.4	130.6	125	-208.4
4230	-12.2	132.7	123	-210.8
4240	-10.4	134.8	121	-213.5
4250	-8.8	137.0	118	-215.6
4260	-8.0	139.2	116	-217.5

4270	-8.9	141.3	114	-218.5
4280	-11.9	143.5	112	-220.4
4290	-13.7	145.8	110	-222.5
4300	-12.6	148.0	107	-225.4
4310	-10.6	150.3	105	-227.8
4320	-9.4	152.6	103	-230.0
4330	-9.6	154.9	101	-231.6
4340	-9.4	157.2	98	-233.2
4350	-9.6	159.6	96	-235.0
4360	-11.3	161.9	94	-236.6
4370	-12.5	164.3	91	-238.8
4380	-11.8	166.7	89	-241.4
4390	-10.0	169.1	86	-243.5
4400	-9.1	171.6	84	-245.1
4410	-8.7	174.1	81	-246.7
4420	-9.8	176.5	79	-248.3
4430	-11.3	179.0	76	-250.2
4440	-11.7	181.5	74	-252.1
4450	-10.6	184.1	71	-254.2
4460	-9.4	186.6	69	-256.3
4470	-7.6	189.2	66	-258.2
4480	-6.0	191.8	64	-259.3
4490	-6.1	194.4	61	-259.8
4500	-8.7	197.0	58	-260.6
4510	-10.0	199.6	56	-261.9
4520	-9.1	202.3	53	-263.5
4530	-7.5	204.9	51	-265.1
4540	-5.0	207.6	48	-266.2
4550	-3.0	210.2	45	-265.9
4560	-2.6	212.9	43	-265.4
4570	-3.3	215.5	40	-265.1
4580	-3.8	218.2	37	-264.8
4590	-3.9	220.8	35	-264.8
4600	-4.2	223.5	32	-264.3
4610	-3.1	226.1	29	-264.3
4620	-2.2	228.8	27	-264.3
4630	-2.2	231.4	24	-263.5
4640	-2.0	234.0	21	-263.0
4650	1.1	236.7	19	-262.2
4660	9.6	239.3	16	-259.5
4670	13.7	241.8	14	-254.7
4680	12.7	244.3	11	-249.1
4690	9.5	246.8	9	-244.6
4700	8.8	249.2	6	-240.3
4710	10.2	251.6	4	-236.6
4720	13.7	253.9	2	-232.1
4730	13.4	256.1	-1	-201.5
4740	-4.2	258.1	-3	-197.2
4750	-22.6	259.6	-4	-150.1
4760	-53.8	260.9	-5	-123.5
4770	-54.6	262.0	-7	-102.7
4780	-40.7	262.8	-7	-83.3
4790	-11.8	263.6	-8	-71.8
4800	0.5	264.1	-9	-51.3

4810	19.5	264.5	-9	-43.9
4820	38.6	264.8	-9	-29.0
4830	41.9	265.0	-10	-18.6
4840	31.2	265.2	-10	-8.5
4850	18.6	265.2	-10	-2.9
4860	14.2	265.2	-10	0.5
4870	19.5	265.2	-10	1.0
4880	27.7	265.1	-10	5.8
4890	31.2	265.0	-10	11.9
4900	29.0	264.8	-9	23.9
4910	23.1	264.6	-9	29.5
4920	19.0	264.2	-9	32.4
4930	19.0	263.8	-8	45.7
4940	22.9	263.4	-8	46.8
4950	27.8	262.8	-7	53.5
4960	30.4	262.3	-7	55.1
4970	27.9	261.5	-6	76.4
4980	23.1	260.8	-5	76.6
4990	18.2	260.0	-5	74.2
5000	16.7	259.1	-4	96.1
5010	18.7	258.2	-3	101.1
5020	21.8	257.2	-2	106.4
5030	22.8	256.2	-1	112.8
5040	20.9	255.2	0	119.2
5050	16.7	254.0	1	125.1
5060	13.4	252.9	3	117.9
5070	12.5	251.7	4	121.6
5080	13.8	250.4	5	124.5
5090	15.7	249.1	6	128.3
5100	16.3	247.8	8	132.3
5110	14.8	246.5	9	136.5
5120	12.5	245.1	10	140.0
5130	11.1	243.7	12	142.9
5140	11.1	242.2	13	145.6
5150	12.1	240.7	15	148.2
5160	12.5	239.2	16	151.2
5170	11.7	237.7	18	154.1
5180	10.0	236.1	19	156.8
5190	8.5	234.6	21	159.2
5200	8.8	232.9	23	161.0
5210	10.6	231.3	24	162.9
5220	11.8	229.7	26	165.3
5230	11.8	228.0	27	167.9
5240	10.8	226.3	29	170.6
5250	10.6	224.6	31	173.0
5260	10.8	222.8	33	175.4
5270	11.3	221.1	34	177.8
5280	11.4	219.3	36	180.2
5290	10.2	217.4	38	182.8
5300	8.3	215.6	40	184.7
5310	6.9	213.7	42	186.0
5320	5.7	211.9	44	187.4
5330	5.2	210.0	45	188.2
5340	6.5	208.1	47	188.7

5350	8.3	206.2	49	190.0
5360	9.4	204.3	51	191.9
5370	8.4	202.4	53	193.5
5380	5.8	200.4	55	194.8
5390	3.1	198.5	57	195.9
5400	2.8	196.5	59	195.6
5410	5.3	194.5	61	195.6
5420	8.3	192.6	63	196.7
5430	9.4	190.6	65	198.0
5440	8.3	188.6	67	200.1
5450	6.6	186.6	69	201.5
5460	5.7	184.6	71	202.5
5470	6.9	182.5	73	203.6
5480	8.0	180.5	75	204.7
5490	9.4	178.4	77	206.3
5500	10.0	176.4	79	207.9
5510	9.1	174.3	81	209.7
5520	7.2	172.1	83	211.6
5530	5.8	170.0	85	212.7
5540	6.5	167.9	88	213.7
5550	8.5	165.7	90	214.5
5560	10.2	163.6	92	216.7
5570	10.7	161.4	94	218.5
5580	9.9	159.2	96	220.9
5590	8.3	157.0	98	222.8
5600	7.9	154.7	101	224.1
5610	8.9	152.5	103	225.4
5620	10.7	150.2	105	226.8
5630	10.8	147.9	108	229.2
5640	9.6	145.6	110	231.3
5650	7.9	143.3	112	232.4
5660	7.1	141.0	114	233.4
5670	7.5	138.6	117	234.8
5680	8.4	136.3	119	235.6
5690	9.1	133.9	122	237.4
5700	8.4	131.5	124	238.5
5710	6.4	129.1	126	239.8
5720	4.3	126.7	129	240.9
5730	3.7	124.3	131	240.9
5740	3.8	121.9	134	240.9
5750	4.3	119.5	136	240.6
5760	4.5	117.1	138	240.9
5770	4.1	114.7	141	241.4
5780	2.7	112.3	143	241.1
5790	1.9	109.8	146	240.6
5800	1.9	107.4	148	240.3
5810	1.8	105.0	150	239.6
5820	1.4	102.7	153	239.0
5830	-2.3	100.3	155	238.0
5840	-7.2	97.9	158	235.6
5850	-7.6	95.6	160	232.4
5860	-5.6	93.3	162	229.4
5870	-3.1	91.0	164	226.8
5880	-3.4	88.7	167	224.6

5890	-6.9	86.5	169	222.2
5900	-12.3	84.3	171	217.7
5910	-4.9	82.5	173	188.4
5920	3.4	80.7	175	170.9
5930	19.7	79.5	176	129.6
5940	33.1	78.3	177	107.8
5950	26.6	77.4	178	96.9
5960	7.3	76.6	179	63.3
5970	-1.6	76.0	179	56.7
5980	-11.8	75.6	180	44.9
5990	-23.5	75.2	180	34.3
6000	-26.0	74.9	181	23.9
6010	-22.4	74.7	181	19.7
6020	-19.5	74.5	181	12.5
6030	-22.2	74.4	181	9.8
6040	-30.2	74.4	181	2.1
6050	-37.7	74.4	181	-3.4
6060	-39.1	74.5	181	-12.2
6070	-33.8	74.7	181	-19.7
6080	-25.8	75.0	180	-27.4
6090	-22.8	75.3	180	-33.5
6100	-28.9	75.8	180	-48.1
6110	-38.2	76.3	179	-51.3
6120	-44.3	76.8	179	-56.1
6130	-42.2	77.6	178	-81.7
6140	-32.8	78.4	177	-93.9
6150	-24.0	79.3	176	-93.9
6160	-20.1	80.3	175	-90.5
6170	-22.4	81.3	174	-95.0
6180	-27.4	82.5	173	-123.2
6190	-29.3	83.7	172	-130.9
6200	-26.3	84.9	171	-139.5
6210	-21.6	86.2	169	-133.6
6220	-20.1	87.6	168	-139.2
6230	-22.9	89.1	166	-144.8
6240	-28.1	90.6	165	-151.2
6250	-29.7	92.1	163	-158.4
6260	-26.8	93.8	162	-166.3
6270	-20.5	95.5	160	-173.0
6280	-16.8	97.3	158	-178.3
6290	-16.5	99.1	156	-182.6
6300	-19.3	100.9	155	-186.6
6310	-22.1	102.8	153	-191.4
6320	-22.8	104.8	151	-197.2
6330	-21.3	106.8	149	-202.8
6340	-18.3	108.9	147	-207.9
6350	-15.2	111.0	144	-211.9
6360	-14.1	113.1	142	-215.6
6370	-14.9	115.3	140	-218.8
6380	-16.1	117.5	138	-222.0
6390	-15.9	119.8	136	-225.4
6400	-14.4	122.0	133	-229.2
6410	-14.0	124.4	131	-232.1
6420	-15.3	126.7	129	-235.6

6430	-16.8	129.1	126	-239.3
6440	-17.0	131.5	124	-243.3
6450	-17.0	134.0	121	-247.0
6460	-14.9	136.5	119	-250.7
6470	-11.8	139.0	116	-253.4
6480	-9.9	141.5	114	-255.3
6490	-11.4	144.1	111	-257.1
6500	-13.2	146.7	109	-259.3
6510	-13.4	149.3	106	-261.6
6520	-12.6	152.0	103	-264.0
6530	-9.9	154.6	101	-266.4
6540	-5.4	157.3	98	-268.0
6550	-3.3	160.0	95	-268.0
6560	-4.5	162.6	93	-267.5
6570	-6.9	165.3	90	-267.5
6580	-8.3	168.0	87	-268.3
6590	-8.5	170.7	85	-269.9
6600	-6.5	173.4	82	-271.0
6610	-4.2	176.1	79	-271.5
6620	-3.7	178.8	77	-271.5
6630	-3.9	181.5	74	-271.0
6640	-4.6	184.3	71	-271.0
6650	-4.9	187.0	68	-271.0
6660	-3.5	189.7	66	-271.8
6670	-2.3	192.4	63	-271.0
6680	-2.3	195.1	60	-270.4
6690	-2.4	197.8	58	-269.9
6700	-2.3	200.5	55	-269.1
6710	-1.8	203.2	52	-268.8
6720	2.2	205.9	50	-267.5
6730	6.5	208.5	47	-264.8
6740	6.5	211.1	44	-261.9
6750	1.8	213.7	42	-259.3
6760	-2.2	216.3	39	-257.9
6770	-2.4	218.9	37	-257.1
6780	-0.9	221.5	34	-256.6
6790	2.2	224.0	31	-255.3
6800	5.4	226.6	29	-252.9
6810	7.1	229.1	26	-249.9
6820	6.5	231.5	24	-246.7
6830	5.3	234.0	21	-243.5
6840	5.8	236.4	19	-240.6
6850	8.7	238.8	17	-237.7
6860	11.7	241.1	14	-233.4
6870	14.0	243.4	12	-228.4
6880	13.8	245.7	10	-223.3
6890	11.8	247.9	8	-218.0
6900	9.5	250.0	5	-213.7
6910	8.8	252.1	3	-210.0
6920	11.5	254.2	1	-206.0
6930	12.2	256.1	-1	-174.9
6940	-1.2	257.8	-2	-162.6
6950	-3.0	259.2	-4	-122.7
6960	-14.6	260.4	-5	-115.2

6970	-24.5	261.4	-6	-97.1
6980	-20.2	262.3	-7	-87.8
6990	-4.6	263.0	-8	-66.5
7000	0.8	263.6	-8	-48.7
7010	11.1	264.0	-9	-44.7
7020	28.2	264.4	-9	-30.6
7030	34.0	264.7	-9	-27.1
7040	28.6	264.9	-9	-15.9
7050	20.6	265.0	-10	-9.3
7060	16.1	265.0	-10	-3.9
7070	18.0	265.0	-10	0.0
7080	25.6	265.0	-10	1.5
7090	31.3	264.9	-9	9.3
7100	31.5	264.8	-9	16.5
7110	27.0	264.6	-9	22.8
7120	22.1	264.3	-9	29.5
7130	20.2	263.9	-8	42.8
7140	22.9	263.4	-8	49.2
7150	27.4	262.9	-7	56.1
7160	30.4	262.4	-7	64.4
7170	29.3	261.8	-6	66.8
7180	24.8	261.0	-6	67.0
7190	19.3	260.2	-5	89.1
7200	17.2	259.4	-4	85.9
7210	18.6	258.5	-3	81.4
7220	21.8	257.6	-2	85.9
7230	23.9	256.6	-1	91.3
7240	23.5	255.5	0	96.6
7250	20.2	254.3	1	113.6
7260	16.0	253.1	2	118.7
7270	13.7	251.9	4	122.9
7280	14.2	250.7	5	126.4
7290	15.7	249.4	6	130.4
7300	16.3	248.0	7	134.1
7310	14.5	246.7	9	138.4
7320	12.5	245.3	10	141.8
7330	10.8	243.8	12	145.0
7340	10.4	242.3	13	147.4
7350	10.7	240.9	15	149.8
7360	10.8	239.3	16	152.5
7370	10.4	237.8	18	154.6
7380	9.8	236.2	19	157.3
7390	8.7	234.6	21	159.4
7400	8.4	233.0	22	161.3
7410	8.9	231.4	24	163.1
7420	9.1	229.8	26	164.7
7430	8.9	228.1	27	166.6
7440	8.4	226.4	29	168.5
7450	8.1	224.7	31	170.3
7460	8.3	223.0	32	172.2
7470	8.1	221.3	34	173.5
7480	8.0	219.5	36	175.4
7490	8.0	217.8	38	176.7
7500	7.2	216.0	39	178.1

7510	6.9	214.2	41	179.4
7520	6.4	212.4	43	180.7
7530	5.0	210.6	45	181.8
7540	4.3	208.7	47	182.3
7550	4.3	206.9	49	183.1
7560	5.0	205.1	50	183.4
7570	5.7	203.2	52	183.9
7580	5.7	201.4	54	185.0
7590	4.7	199.5	56	185.8
7600	3.4	197.7	58	185.8
7610	3.3	195.8	60	186.0
7620	4.3	193.9	62	186.0
7630	5.3	192.1	63	186.6
7640	6.1	190.2	65	187.4
7650	6.1	188.3	67	188.4
7660	6.1	186.4	69	189.0
7670	6.0	184.5	71	190.0
7680	6.5	182.6	73	191.1
7690	6.0	180.7	75	192.2
7700	6.0	178.8	77	193.0
7710	7.1	176.8	79	194.0
7720	7.3	174.9	81	195.1
7730	7.1	172.9	83	196.4
7740	5.8	171.0	84	197.5
7750	5.7	169.0	86	198.6
7760	6.4	167.0	88	198.8
7770	7.6	165.0	90	199.6
7780	8.1	163.0	92	200.9
7790	7.9	161.0	94	202.3
7800	6.6	158.9	97	203.6
7810	4.9	156.9	99	204.4
7820	4.2	154.8	101	204.7
7830	4.6	152.8	103	205.2
7840	5.7	150.7	105	205.5
7850	6.0	148.7	107	206.3
7860	5.4	146.6	109	207.1
7870	4.2	144.5	111	207.6
7880	3.7	142.4	113	207.9
7890	3.7	140.4	115	207.6
7900	4.1	138.3	117	207.9
7910	4.3	136.2	119	208.4
7920	4.6	134.1	121	208.7
7930	4.2	132.0	123	209.2
7940	3.5	129.9	126	208.9
7950	3.1	127.8	128	209.2
7960	2.6	125.8	130	209.2
7970	2.6	123.7	132	208.9
7980	2.6	121.6	134	208.4
7990	2.6	119.5	136	208.4
8000	2.3	117.4	138	208.1
8010	2.0	115.3	140	207.9
8020	1.8	113.3	142	207.9
8030	1.8	111.2	144	207.1
8040	1.6	109.1	146	206.8

8050	1.6	107.0	148	206.0
8060	0.9	105.0	150	205.7
8070	-3.4	102.9	153	204.4
8080	-7.9	100.9	155	202.0
8090	-6.5	98.9	157	199.1
8100	-1.2	96.9	159	196.7
8110	1.8	95.0	160	195.9
8120	0.4	93.0	162	195.4
8130	-4.3	91.1	164	194.3
8140	-9.2	89.2	166	191.4
8150	-11.1	87.3	168	187.9
8160	-10.7	85.4	170	183.4
8170	-6.1	83.7	172	190.0
8180	2.7	82.2	173	148.8
8190	8.3	80.9	175	127.2
8200	22.1	79.7	176	97.9
8210	21.4	78.8	177	93.1
8220	10.4	77.9	178	79.0
8230	-0.3	77.3	178	65.7
8240	-8.7	76.7	179	55.6
8250	-22.8	76.2	179	40.4
8260	-24.3	75.8	180	37.2
8270	-21.0	75.5	180	27.6
8280	-14.4	75.2	180	27.4
8290	-11.5	75.0	180	23.6
8300	-12.9	74.8	181	17.8
8310	-19.3	74.7	181	11.9
8320	-23.2	74.6	181	6.6
8330	-23.3	74.6	181	-0.2
8340	-22.9	74.6	181	-2.3
8350	-22.5	74.7	181	-10.3
8360	-25.2	74.8	181	-14.9
8370	-30.5	75.0	180	-21.8
8380	-36.9	75.3	180	-30.3
8390	-40.1	75.6	180	-36.4
8400	-38.9	76.2	179	-56.7
8410	-34.2	76.7	179	-61.7
8420	-28.7	77.4	178	-71.3
8430	-26.2	78.2	177	-70.8
8440	-27.1	79.0	176	-77.2
8450	-28.9	80.0	175	-102.7
8460	-29.0	81.0	174	-111.0
8470	-27.0	82.0	173	-108.3
8480	-24.0	83.1	172	-103.8
8490	-22.9	84.3	171	-109.4
8500	-24.1	85.6	170	-128.0
8510	-26.3	87.0	168	-134.1
8520	-26.4	88.4	167	-141.6
8530	-24.3	89.8	166	-148.5
8540	-20.6	91.4	164	-154.9
8550	-18.3	93.0	162	-160.2
8560	-19.1	94.6	161	-165.0
8570	-22.4	96.3	159	-170.3
8580	-25.1	98.0	157	-175.9

8590	-24.1	99.8	156	-182.6
8600	-19.5	101.7	154	-188.4
8610	-14.8	103.6	152	-193.2
8620	-13.0	105.6	150	-196.4
8630	-14.8	107.6	148	-199.9
8640	-16.8	109.6	146	-203.3
8650	-16.1	111.7	144	-207.3
8660	-14.9	113.8	142	-211.1
8670	-13.0	115.9	140	-214.3
8680	-11.7	118.1	137	-217.2
8690	-11.0	120.3	135	-219.3
8700	-11.7	122.5	133	-221.4
8710	-13.0	124.7	131	-223.8
8720	-13.3	127.0	128	-226.8
8730	-11.0	129.3	126	-229.7
8740	-7.7	131.6	124	-231.3
8750	-6.8	133.9	122	-232.9
8760	-6.5	136.2	119	-233.7
8770	-6.9	138.6	117	-234.5
8780	-7.3	140.9	115	-235.3
8790	-7.9	143.3	112	-236.4
8800	-6.8	145.7	110	-237.2
8810	-4.2	148.0	107	-238.0
8820	-3.0	150.4	105	-238.0
8830	-3.4	152.8	103	-238.0
8840	-4.7	155.2	100	-238.0
8850	-4.7	157.6	98	-238.5
8860	-5.3	159.9	96	-238.5
8870	-6.5	162.3	93	-239.0
8880	-6.8	164.7	91	-239.6
8890	-4.9	167.1	88	-240.3
8900	-3.3	169.5	86	-240.6
8910	-2.7	172.0	83	-240.3
8920	-2.6	174.4	81	-239.8
8930	-2.7	176.7	79	-239.8
8940	-3.1	179.1	76	-239.3
8950	-3.7	181.5	74	-239.3
8960	-4.3	183.9	72	-239.0
8970	-5.3	186.3	69	-239.3
8980	-5.2	188.7	67	-239.6
8990	-4.3	191.1	64	-239.8
9000	-3.5	193.5	62	-239.8
9010	-3.8	195.9	60	-239.8
9020	-5.8	198.3	57	-239.8
9030	-7.5	200.7	55	-240.9
9040	-8.3	203.1	52	-241.4
9050	-7.5	205.5	50	-242.5
9060	-4.9	208.0	47	-243.3
9070	-2.6	210.4	45	-243.5
9080	-2.3	212.8	43	-243.0
9090	-2.6	215.3	40	-242.5
9100	-2.6	217.7	38	-241.9
9110	-2.6	220.1	35	-241.4
9120	-2.4	222.5	33	-241.7

9130	-2.4	224.9	31	-241.1
9140	-2.2	227.3	28	-240.6
9150	-2.0	229.7	26	-240.1
9160	-1.6	232.1	23	-239.3
9170	4.6	234.5	21	-238.0
9180	13.3	236.9	19	-234.8
9190	14.5	239.2	16	-229.7
9200	9.6	241.5	14	-224.6
9210	4.5	243.7	12	-221.2
9220	3.9	245.9	10	-218.8
9230	8.3	248.0	7	-216.1
9240	14.2	250.2	5	-212.1
9250	17.8	252.2	3	-206.3
9260	19.0	254.3	1	-199.9
9270	14.1	256.1	-1	-166.3
9280	-2.3	257.7	-2	-157.0
9290	-2.7	259.2	-4	-132.3
9300	-12.5	260.3	-5	-112.6
9310	-19.3	261.3	-6	-95.3
9320	-11.3	262.1	-7	-79.6
9330	0.8	262.8	-7	-58.8
9340	10.2	263.4	-8	-54.8
9350	34.7	263.8	-8	-38.3
9360	43.1	264.2	-9	-30.8
9370	39.7	264.4	-9	-16.7
9380	26.7	264.5	-9	-8.5
9390	17.0	264.5	-9	-2.3
9400	15.6	264.5	-9	0.5
9410	23.9	264.5	-9	2.6
9420	31.1	264.4	-9	9.0
9430	33.1	264.3	-9	16.5
9440	29.7	264.0	-9	24.7
9450	23.3	263.7	-8	39.1
9460	20.1	263.3	-8	42.0
9470	21.0	262.8	-7	42.5
9480	25.2	262.3	-7	48.1
9490	29.3	261.7	-6	66.5
9500	29.7	261.1	-6	68.1
9510	25.9	260.3	-5	68.4
9520	20.7	259.5	-4	90.7
9530	17.6	258.6	-3	88.1
9540	17.8	257.7	-2	83.3
9550	20.7	256.8	-1	87.5
9560	23.9	255.8	0	92.6
9570	24.8	254.7	1	98.5
9580	22.2	253.5	2	115.2
9590	18.0	252.3	3	121.3
9600	15.6	251.0	4	125.9
9610	15.9	249.7	6	130.1
9620	17.1	248.4	7	134.4
9630	17.8	247.0	8	138.9
9640	17.5	245.6	10	143.4
9650	15.1	244.1	11	148.0
9660	12.7	242.6	13	151.7

9670	11.4	241.1	14	154.6
9680	11.9	239.5	16	157.6
9690	12.9	237.9	18	160.0
9700	13.0	236.3	19	163.1
9710	11.7	234.7	21	166.1
9720	9.9	233.0	22	169.0
9730	9.1	231.3	24	170.9
9740	8.8	229.5	26	173.0
9750	9.5	227.8	28	174.9
9760	10.3	226.0	29	176.7
9770	10.7	224.3	31	178.9
9780	9.5	222.4	33	181.2
9790	8.0	220.6	35	183.1
9800	7.6	218.8	37	184.4
9810	8.3	216.9	39	186.3
9820	10.0	215.0	40	187.6
9830	11.4	213.1	42	189.8
9840	10.4	211.2	44	192.2
9850	7.6	209.3	46	194.3
9860	4.6	207.3	48	195.4
9870	3.7	205.4	50	195.6
9880	4.9	203.4	52	195.9
9890	7.2	201.5	54	196.7
9900	8.0	199.5	56	197.8
9910	6.9	197.5	58	199.1
9920	5.6	195.5	60	200.4
9930	4.6	193.5	62	200.7
9940	5.3	191.5	64	201.2
9950	6.2	189.5	66	201.7
9960	8.0	187.4	68	202.8
9970	9.2	185.4	70	204.1
9980	9.5	183.3	72	205.7
9990	8.5	181.3	74	207.6
10000	6.8	179.2	76	208.9
10010	7.1	177.1	78	210.3
10020	8.3	175.0	80	211.1
10030	9.8	172.8	83	212.7
10040	9.4	170.7	85	214.8
10050	8.5	168.5	87	216.4
10060	8.0	166.4	89	218.0
10070	8.1	164.2	91	219.1
10080	8.7	162.0	93	220.1
10090	10.0	159.8	96	222.0
10100	10.4	157.5	98	223.8
10110	10.2	155.3	100	225.7
10120	9.2	153.0	102	227.6
10130	8.9	150.7	105	228.9
10140	8.9	148.4	107	230.8
10150	8.9	146.1	109	232.1
10160	8.7	143.8	112	233.4
10170	8.3	141.4	114	235.3
10180	7.2	139.1	116	236.4
10190	6.5	136.7	119	237.4
10200	6.6	134.3	121	238.2

10210	7.2	131.9	124	239.0
10220	7.5	129.5	126	239.6
10230	6.4	127.1	128	240.6
10240	4.9	124.7	131	241.4
10250	3.8	122.3	133	241.4
10260	3.0	119.9	136	241.4
10270	2.7	117.5	138	241.4
10280	2.6	115.0	140	241.1
10290	2.3	112.6	143	240.6
10300	1.9	110.2	145	240.1
10310	1.8	107.8	148	239.3
10320	1.6	105.5	150	238.8
10330	0.4	103.1	152	238.0
10340	-6.5	100.7	155	236.4
10350	-11.1	98.4	157	232.4
10360	-9.4	96.1	159	228.4
10370	-4.6	93.8	162	224.9
10380	-2.7	91.6	164	222.8
10390	-4.6	89.4	166	220.6
10400	-9.6	87.2	168	217.7
10410	-14.4	85.1	170	192.2
10420	-9.8	83.1	172	173.8
10430	2.6	81.3	174	177.3
10440	22.5	80.0	175	121.3
10450	43.1	78.8	177	112.8
10460	39.1	77.8	178	93.9
10470	20.3	77.0	178	76.1
10480	-0.8	76.4	179	54.5
10490	-14.9	75.9	180	49.5
10500	-29.6	75.4	180	38.8
10510	-31.1	75.1	180	27.1
10520	-27.7	74.9	181	22.6
10530	-22.1	74.7	181	14.6
10540	-23.3	74.6	181	11.4
10550	-27.4	74.5	181	3.4
10560	-33.4	74.5	181	-1.8
10570	-34.4	74.6	181	-11.1
10580	-28.2	74.8	181	-20.7
10590	-21.4	75.0	180	-29.2
10600	-20.5	75.4	180	-35.6
10610	-27.5	75.7	180	-38.3
10620	-38.2	76.2	179	-42.0
10630	-44.6	76.7	179	-63.3
10640	-44.1	77.4	178	-69.7
10650	-37.3	78.1	177	-73.2
10660	-29.7	79.0	176	-83.3
10670	-25.9	80.0	175	-89.1
10680	-26.8	81.0	174	-95.3
10690	-28.6	82.2	173	-124.5
10700	-27.8	83.4	172	-132.8
10710	-23.9	84.7	171	-140.0
10720	-19.7	86.0	169	-146.6
10730	-19.3	87.4	168	-138.4
10740	-22.6	88.8	167	-143.7

10750	-27.0	90.3	165	-149.8
10760	-27.1	91.8	164	-157.0
10770	-22.9	93.4	162	-164.2
10780	-17.4	95.1	160	-170.1
10790	-13.6	96.9	159	-174.6
10800	-13.3	98.6	157	-177.8
10810	-14.8	100.4	155	-180.7
10820	-15.6	102.3	153	-184.4
10830	-14.6	104.1	151	-188.2
10840	-12.7	106.1	149	-191.6
10850	-11.5	108.0	147	-194.6
10860	-10.6	110.0	145	-197.5
10870	-9.6	112.0	143	-199.6
10880	-8.8	114.0	141	-201.2
10890	-8.3	116.0	139	-203.1
10900	-7.2	118.0	137	-205.2
10910	-5.7	120.1	135	-206.0
10920	-5.3	122.2	133	-206.5
10930	-6.6	124.2	131	-207.3
10940	-9.1	126.3	129	-208.7
10950	-10.4	128.4	127	-210.5
10960	-9.2	130.5	125	-212.4
10970	-7.6	132.7	123	-213.7
10980	-6.6	134.8	121	-215.1
10990	-6.4	137.0	118	-216.1
11000	-6.5	139.1	116	-216.9
11010	-7.3	141.3	114	-217.7
11020	-9.2	143.5	112	-218.8
11030	-9.9	145.7	110	-220.6
11040	-8.1	147.9	108	-222.2
11050	-6.5	150.2	105	-223.6
11060	-6.0	152.4	103	-224.4
11070	-6.1	154.6	101	-224.9
11080	-6.0	156.9	99	-225.4
11090	-5.3	159.2	96	-226.0
11100	-6.1	161.4	94	-226.5
11110	-6.4	163.7	92	-227.6
11120	-6.0	166.0	89	-228.4
11130	-4.5	168.3	87	-228.9
11140	-4.5	170.6	85	-228.9
11150	-5.0	172.9	83	-229.2
11160	-5.8	175.2	80	-229.7
11170	-6.9	177.5	78	-230.0
11180	-7.9	179.8	76	-231.3
11190	-7.9	182.1	73	-232.6
11200	-6.9	184.4	71	-233.7
11210	-6.2	186.8	69	-234.5
11220	-5.7	189.1	66	-235.0
11230	-5.2	191.5	64	-235.8
11240	-4.5	193.8	62	-236.4
11250	-4.9	196.2	59	-236.6
11260	-6.0	198.6	57	-236.9
11270	-6.0	200.9	55	-238.0
11280	-5.8	203.3	52	-238.5

11290	-5.7	205.7	50	-239.0
11300	-4.1	208.1	47	-239.3
11310	-2.4	210.5	45	-239.0
11320	-2.3	212.9	43	-238.5
11330	-2.6	215.3	40	-238.2
11340	-2.6	217.6	38	-237.4
11350	-2.6	220.0	35	-237.2
11360	-2.4	222.4	33	-236.9
11370	-2.4	224.8	31	-236.4
11380	-2.2	227.1	28	-236.1
11390	-2.0	229.5	26	-235.6
11400	-1.9	231.8	24	-235.0
11410	0.0	234.2	21	-234.2
11420	7.9	236.5	19	-231.8
11430	12.5	238.8	17	-227.8
11440	11.1	241.0	14	-223.0
11450	6.2	243.2	12	-219.1
11460	3.8	245.4	10	-216.4
11470	5.6	247.5	8	-214.0
11480	10.7	249.7	6	-210.5
11490	15.7	251.7	4	-206.0
11500	18.4	253.8	2	-200.1
11510	16.0	255.7	0	-210.0
11520	0.4	257.3	-2	-163.4
11530	-3.4	258.8	-3	-152.2
11540	-17.6	260.0	-5	-117.6
11550	-29.3	261.0	-6	-100.6
11560	-24.5	261.9	-6	-91.3
11570	-7.3	262.6	-7	-69.7
11580	0.8	263.3	-8	-62.8
11590	14.2	263.7	-8	-46.8
11600	33.2	264.1	-9	-39.1
11610	39.1	264.4	-9	-25.2
11620	30.5	264.6	-9	-17.0
11630	20.6	264.7	-9	-8.2
11640	15.5	264.7	-9	-4.7
11650	17.1	264.8	-9	-0.2
11660	25.1	264.8	-9	1.0
11670	30.9	264.7	-9	6.6
11680	30.8	264.6	-9	13.8
11690	25.1	264.4	-9	21.2
11700	19.7	264.1	-9	27.6
11710	18.3	263.7	-8	39.9
11720	22.4	263.3	-8	45.5
11730	27.7	262.8	-7	52.4
11740	30.1	262.3	-7	60.9
11750	28.1	261.7	-6	63.3
11760	22.8	261.0	-6	63.8
11770	17.9	260.2	-5	84.6
11780	17.2	259.5	-4	81.1
11790	19.8	258.6	-3	77.7
11800	23.5	257.7	-2	82.2
11810	25.8	256.8	-1	87.8
11820	24.5	255.7	0	93.9

11830	21.0	254.6	1	99.5
11840	16.5	253.4	2	116.0
11850	14.0	252.2	3	120.3
11860	14.8	251.0	4	123.7
11870	17.2	249.7	6	127.7
11880	18.4	248.4	7	132.3
11890	17.6	247.1	8	137.1
11900	15.7	245.7	10	141.3
11910	13.2	244.2	11	145.6
11920	12.1	242.7	13	148.5
11930	12.2	241.2	14	151.4
11940	13.3	239.7	16	154.4
11950	13.3	238.1	17	157.6
11960	12.2	236.5	19	160.7
11970	10.6	234.9	21	163.4
11980	9.4	233.2	22	165.8
11990	9.1	231.6	24	167.7
12000	9.1	229.9	26	169.8
12010	8.9	228.2	27	171.4
12020	8.5	226.4	29	173.3
12030	8.8	224.7	31	175.1
12040	8.7	222.9	33	177.3
12050	8.7	221.1	34	178.9
12060	8.8	219.3	36	180.7
12070	8.3	217.5	38	182.6
12080	7.3	215.7	40	183.6
12090	6.1	213.8	42	185.0
12100	4.7	212.0	43	186.0
12110	3.3	210.1	45	186.6
12120	3.3	208.2	47	186.6
12130	4.9	206.4	49	186.8
12140	7.3	204.5	51	187.9
12150	8.8	202.6	53	189.0
12160	7.9	200.7	55	190.8
12170	4.6	198.8	57	191.9
12180	2.6	196.9	59	192.2
12190	3.1	194.9	61	192.2
12200	5.7	193.0	62	192.2
12210	8.3	191.1	64	193.5
12220	8.4	189.1	66	194.8
12230	7.7	187.2	68	196.4
12240	5.7	185.2	70	197.2
12250	5.0	183.2	72	198.0
12260	5.2	181.2	74	198.8
12270	5.8	179.3	76	199.4
12280	8.3	177.3	78	200.1
12290	9.4	175.2	80	201.7
12300	9.1	173.2	82	203.3
12310	7.2	171.2	84	204.9
12320	5.8	169.1	86	206.0
12330	6.1	167.0	88	207.1
12340	7.9	165.0	90	207.6
12350	9.4	162.9	93	208.7
12360	10.0	160.8	95	210.3

12370	8.9	158.7	97	212.4
12380	6.5	156.5	99	213.7
12390	5.6	154.4	101	215.1
12400	6.5	152.2	103	215.6
12410	8.8	150.1	105	216.9
12420	9.9	147.9	108	218.5
12430	9.4	145.7	110	220.4
12440	8.1	143.5	112	222.0
12450	7.3	141.2	114	223.6
12460	7.2	139.0	116	224.4
12470	7.9	136.7	119	225.4
12480	8.4	134.5	121	226.8
12490	8.7	132.2	123	228.1
12500	7.1	129.9	126	229.2
12510	5.6	127.6	128	230.2
12520	4.1	125.3	130	230.5
12530	4.2	123.0	132	230.2
12540	4.5	120.7	135	230.5
12550	4.7	118.4	137	230.8
12560	4.5	116.1	139	231.0
12570	3.5	113.8	142	231.3
12580	2.4	111.4	144	230.8
12590	1.9	109.1	146	230.8
12600	1.8	106.8	149	230.5
12610	1.8	104.5	151	229.7
12620	1.6	102.2	153	229.2
12630	0.5	99.9	156	228.4
12640	-4.2	97.7	158	227.0
12650	-7.6	95.4	160	224.4
12660	-7.9	93.2	162	220.9
12670	-5.0	91.0	164	218.0
12680	-2.8	88.8	167	215.9
12690	-4.3	86.7	169	213.7
12700	-9.2	84.7	171	190.0
12710	-5.3	82.7	173	166.9
12720	2.4	81.1	174	155.2
12730	17.6	79.8	176	116.3
12740	33.4	78.6	177	108.6
12750	29.0	77.7	178	89.9
12760	10.0	76.9	179	73.2
12770	-1.6	76.2	179	65.2
12780	-12.5	75.8	180	42.5
12790	-26.0	75.4	180	36.7
12800	-27.8	75.1	180	31.4
12810	-24.3	74.8	181	21.2
12820	-20.5	74.7	181	14.1
12830	-22.5	74.5	181	10.6
12840	-29.6	74.5	181	2.9
12850	-35.4	74.5	181	-2.3
12860	-35.8	74.6	181	-10.3
12870	-30.8	74.8	181	-19.4
12880	-24.8	75.0	180	-25.2
12890	-24.7	75.4	180	-34.3
12900	-31.6	75.8	180	-37.0

12910	-41.0	76.3	179	-54.5
12920	-44.7	76.8	179	-61.2
12930	-42.4	77.5	178	-66.2
12940	-34.7	78.3	177	-84.9
12950	-27.0	79.3	176	-103.5
12960	-24.4	80.3	175	-111.8
12970	-25.9	81.3	174	-107.5
12980	-28.5	82.4	173	-103.2
12990	-28.5	83.6	172	-110.2
13000	-25.8	84.9	171	-116.6
13010	-22.4	86.3	169	-136.3
13020	-22.5	87.7	168	-142.1
13030	-25.6	89.2	166	-148.2
13040	-29.2	90.8	165	-155.4
13050	-28.5	92.4	163	-163.1
13060	-24.0	94.1	161	-170.9
13070	-19.3	95.8	160	-176.5
13080	-16.5	97.6	158	-181.0
13090	-16.7	99.4	156	-185.2
13100	-17.9	101.3	154	-189.5
13110	-18.6	103.3	152	-193.5
13120	-17.9	105.2	150	-198.3
13130	-16.5	107.2	148	-202.5
13140	-14.4	109.3	146	-206.0
13150	-12.5	111.4	144	-208.9
13160	-12.1	113.5	142	-211.6
13170	-12.5	115.6	140	-214.3
13180	-12.3	117.8	138	-216.7
13190	-10.8	120.0	135	-219.1
13200	-9.4	122.2	133	-221.4
13210	-9.5	124.4	131	-223.0
13220	-11.3	126.7	129	-224.9
13230	-12.6	128.9	127	-227.6
13240	-11.8	131.2	124	-230.0
13250	-10.6	133.5	122	-232.4
13260	-8.8	135.9	120	-234.2
13270	-6.5	138.2	117	-235.8
13280	-6.2	140.6	115	-236.4
13290	-8.1	143.0	112	-237.2
13300	-10.2	145.3	110	-238.8
13310	-9.8	147.8	108	-240.6
13320	-8.4	150.2	105	-242.5
13330	-7.1	152.6	103	-243.8
13340	-6.2	155.1	100	-244.9
13350	-4.5	157.5	98	-245.4
13360	-4.9	160.0	95	-245.4
13370	-7.6	162.4	93	-245.9
13380	-9.9	164.9	91	-247.0
13390	-9.5	167.4	88	-248.6
13400	-7.6	169.9	86	-249.9
13410	-6.1	172.4	83	-251.0
13420	-5.0	174.9	81	-251.3
13430	-5.7	177.4	78	-251.5
13440	-7.2	179.9	76	-252.1

13450	-8.3	182.5	73	-253.4
13460	-7.6	185.0	70	-254.5
13470	-6.4	187.5	68	-254.7
13480	-4.2	190.1	65	-255.5
13490	-3.0	192.7	63	-255.5
13500	-2.8	195.2	60	-255.0
13510	-3.9	197.8	58	-255.0
13520	-5.3	200.3	55	-254.7
13530	-6.4	202.9	53	-255.3
13540	-6.4	205.4	50	-255.8
13550	-4.1	208.0	47	-256.3
13560	-2.2	210.5	45	-256.6
13570	-2.3	213.1	42	-255.8
13580	-2.3	215.7	40	-255.3
13590	-2.3	218.2	37	-254.7
13600	-2.3	220.8	35	-253.9
13610	-1.9	223.3	32	-253.4
13620	0.9	225.8	30	-252.6
13630	5.7	228.3	27	-250.5
13640	7.1	230.8	25	-247.5
13650	4.6	233.3	22	-244.1
13660	1.4	235.7	20	-242.2
13670	0.4	238.1	17	-240.6
13680	2.6	240.5	15	-238.8
13690	7.2	242.9	13	-236.6
13700	11.7	245.2	10	-232.6
13710	13.7	247.5	8	-227.8
13720	12.9	249.7	6	-223.0
13730	11.5	251.9	4	-218.0
13740	12.1	254.1	1	-213.7
13750	10.7	256.0	-1	-181.0
13760	-3.5	257.8	-2	-169.3
13770	-4.1	259.3	-4	-126.7
13780	-21.3	260.5	-5	-118.4
13790	-27.5	261.6	-6	-99.3
13800	-20.6	262.5	-7	-89.9
13810	-2.0	263.1	-8	-66.5
13820	0.7	263.7	-8	-59.1
13830	13.0	264.2	-9	-43.6
13840	30.0	264.5	-9	-29.2
13850	36.7	264.8	-9	-22.8
13860	30.4	264.9	-9	-11.9
13870	20.7	265.0	-10	-6.3
13880	16.0	265.0	-10	-1.0
13890	19.0	265.0	-10	0.5
13900	27.1	265.0	-10	4.2
13910	30.4	264.9	-9	10.3
13920	28.6	264.7	-9	17.8
13930	22.5	264.5	-9	24.2
13940	17.6	264.1	-9	36.4
13950	17.1	263.8	-8	38.3
13960	20.7	263.4	-8	38.6
13970	25.6	262.9	-7	43.6
13980	28.1	262.3	-7	61.2

13990	26.8	261.8	-6	63.0
14000	23.2	261.1	-6	63.0
14010	20.2	260.3	-5	83.8
14020	20.1	259.5	-4	81.4
14030	22.4	258.7	-3	78.0
14040	25.0	257.8	-2	83.5
14050	25.5	256.8	-1	89.7
14060	23.6	255.7	0	95.5
14070	20.7	254.6	1	101.1
14080	18.2	253.4	2	117.6
14090	17.1	252.2	3	122.4
14100	17.8	250.9	5	126.9
14110	18.8	249.6	6	131.5
14120	18.8	248.3	7	136.5
14130	17.6	246.9	9	141.6
14140	16.1	245.4	10	145.6
14150	15.1	243.9	12	150.1
14160	14.1	242.4	13	153.6
14170	14.2	240.8	15	157.0
14180	14.1	239.2	16	160.7
14190	13.4	237.6	18	163.9
14200	12.5	236.0	19	167.1
14210	11.0	234.3	21	169.8
14220	10.0	232.5	23	172.5
14230	9.6	230.8	25	174.6
14240	9.4	229.0	26	176.7
14250	9.5	227.3	28	178.6
14260	9.6	225.5	30	180.4
14270	9.8	223.6	32	182.8
14280	9.1	221.8	34	184.4
14290	8.0	219.9	36	186.3
14300	6.9	218.1	37	187.4
14310	5.7	216.2	39	188.7
14320	5.7	214.3	41	189.5
14330	6.1	212.4	43	190.6
14340	6.1	210.5	45	191.1
14350	6.1	208.6	47	192.2
14360	6.1	206.6	49	193.0
14370	5.7	204.7	51	194.0
14380	5.0	202.7	53	194.8
14390	4.2	200.8	55	195.4
14400	2.6	198.8	57	195.4
14410	2.2	196.9	59	195.1
14420	2.7	194.9	61	194.8
14430	3.9	193.0	62	195.4
14440	5.6	191.0	64	195.4
14450	5.4	189.1	66	195.9
14460	5.0	187.1	68	196.7
14470	4.2	185.1	70	197.2
14480	3.9	183.2	72	197.2
14490	3.9	181.2	74	197.8
14500	4.2	179.2	76	197.8
14510	5.8	177.2	78	198.6
14520	7.6	175.2	80	199.1

14530	8.1	173.2	82	200.4
14540	6.9	171.2	84	201.5
14550	5.6	169.2	86	202.5
14560	5.4	167.2	88	203.1
14570	7.1	165.1	90	203.6
14580	8.7	163.1	92	204.4
14590	9.8	161.0	94	206.0
14600	9.1	159.0	96	208.1
14610	6.8	156.9	99	209.7
14620	5.7	154.8	101	210.5
14630	6.2	152.6	103	211.6
14640	8.3	150.5	105	212.4
14650	9.4	148.4	107	214.0
14660	8.9	146.2	109	215.9
14670	7.2	144.1	111	217.2
14680	6.1	141.9	114	218.3
14690	5.8	139.7	116	218.8
14700	6.1	137.5	118	219.9
14710	6.2	135.3	120	220.4
14720	6.6	133.1	122	221.2
14730	5.7	130.9	125	222.2
14740	4.7	128.6	127	222.5
14750	3.1	126.4	129	223.0
14760	2.7	124.2	131	223.3
14770	2.8	122.0	133	222.5
14780	3.3	119.7	136	222.2
14790	3.4	117.5	138	222.2
14800	3.1	115.3	140	222.2
14810	2.4	113.1	142	222.2
14820	1.9	110.8	145	221.7
14830	1.8	108.6	147	221.2
14840	1.8	106.4	149	220.9
14850	1.6	104.2	151	220.6
14860	1.2	102.0	153	219.9
14870	-2.4	99.8	156	218.8
14880	-7.1	97.6	158	216.7
14890	-7.9	95.5	160	213.2
14900	-6.0	93.4	162	210.0
14910	-3.3	91.3	164	207.6
14920	-2.8	89.3	166	205.5
14930	-5.6	87.2	168	203.6
14940	-9.9	85.3	170	180.7
14950	-8.4	83.4	172	166.1
14960	3.0	81.7	174	156.8
14970	16.4	80.4	175	118.7
14980	34.8	79.2	176	111.8
14990	33.8	78.2	177	94.2
15000	17.6	77.3	178	85.7
15010	-0.4	76.7	179	63.6
15020	-8.8	76.2	179	52.7
15030	-22.9	75.7	180	42.3
15040	-23.5	75.4	180	30.8
15050	-22.1	75.1	180	29.8
15060	-16.5	74.8	181	21.5

15070	-14.5	74.7	181	14.9
15080	-17.4	74.5	181	12.5
15090	-23.1	74.5	181	5.3
15100	-26.4	74.5	181	-1.5
15110	-27.9	74.5	181	-5.8
15120	-25.6	74.6	181	-13.0
15130	-22.0	74.8	181	-20.2
15140	-21.8	75.0	180	-23.4
15150	-28.1	75.4	180	-35.4
15160	-36.3	75.7	180	-39.9
15170	-41.5	76.2	179	-44.9
15180	-39.9	76.8	179	-67.3
15190	-33.0	77.5	178	-71.8
15200	-25.0	78.2	177	-72.4
15210	-22.2	79.1	176	-95.5
15220	-24.3	80.0	175	-92.9
15230	-28.3	81.0	174	-89.4
15240	-29.6	82.1	173	-117.4
15250	-26.4	83.2	172	-125.9
15260	-22.1	84.4	171	-133.1
15270	-19.9	85.7	170	-139.5
15280	-22.1	87.0	168	-132.0
15290	-25.6	88.3	167	-138.4
15300	-26.7	89.8	166	-145.3
15310	-23.2	91.3	164	-152.5
15320	-18.6	92.9	163	-158.4
15330	-14.9	94.5	161	-162.9
15340	-16.3	96.1	159	-166.9
15350	-20.6	97.8	158	-170.9
15360	-23.3	99.6	156	-176.5
15370	-22.0	101.4	154	-182.3
15380	-17.1	103.2	152	-187.4
15390	-13.6	105.2	150	-191.6
15400	-13.2	107.1	148	-194.8
15410	-15.2	109.1	146	-197.5
15420	-16.5	111.1	144	-200.9
15430	-16.5	113.1	142	-204.7
15440	-14.9	115.2	140	-208.9
15450	-12.7	117.3	138	-211.6
15460	-11.4	119.4	136	-214.5
15470	-11.1	121.6	134	-216.9
15480	-12.3	123.8	132	-219.1
15490	-14.0	126.0	129	-222.0
15500	-13.4	128.2	127	-224.9
15510	-10.3	130.5	125	-227.3
15520	-7.6	132.8	123	-229.4
15530	-7.1	135.1	120	-230.5
15540	-7.5	137.4	118	-231.6
15550	-8.0	139.7	116	-232.6
15560	-8.5	142.1	113	-234.0
15570	-9.2	144.4	111	-235.6
15580	-8.3	146.8	109	-237.2
15590	-6.5	149.2	106	-238.2
15600	-6.4	151.6	104	-239.0

15610	-7.1	154.0	101	-239.6
15620	-7.5	156.4	99	-240.6
15630	-6.8	158.8	97	-241.4
15640	-7.7	161.2	94	-242.2
15650	-7.3	163.6	92	-243.8
15660	-6.6	166.1	89	-244.3
15670	-5.0	168.5	87	-244.9
15680	-4.6	171.0	84	-245.7
15690	-4.9	173.4	82	-245.7
15700	-5.6	175.9	80	-246.2
15710	-6.0	178.4	77	-246.7
15720	-6.2	180.8	75	-247.0
15730	-6.0	183.3	72	-247.8
15740	-6.0	185.8	70	-248.3
15750	-5.8	188.3	67	-248.9
15760	-3.9	190.8	65	-249.4
15770	-2.7	193.3	62	-249.1
15780	-2.6	195.8	60	-248.9
15790	-3.1	198.2	57	-248.3
15800	-3.5	200.7	55	-248.1
15810	-4.3	203.2	52	-247.8
15820	-5.3	205.7	50	-248.1
15830	-4.3	208.2	47	-248.3
15840	-2.3	210.6	45	-248.3
15850	-2.4	213.1	42	-247.8
15860	-2.2	215.6	40	-247.0
15870	-2.0	218.1	37	-246.7
15880	0.0	220.5	35	-245.9
15890	7.3	223.0	32	-243.8
15900	10.2	225.4	30	-240.3
15910	7.5	227.8	28	-236.1
15920	2.2	230.1	25	-233.2
15930	0.4	232.4	23	-231.6
15940	2.6	234.7	21	-230.0
15950	8.4	237.0	18	-227.6
15960	14.2	239.3	16	-223.3
15970	16.7	241.4	14	-217.5
15980	15.5	243.6	12	-211.9
15990	11.9	245.7	10	-206.8
16000	9.5	247.7	8	-202.0
16010	9.6	249.7	6	-198.3
16020	12.6	251.6	4	-194.3
16030	17.4	253.5	2	-189.2
16040	19.4	255.3	0	-163.9
16050	8.0	257.0	-2	-171.7
16060	-2.2	258.3	-3	-135.5
16070	-4.7	259.5	-4	-115.5
16080	-17.2	260.6	-5	-108.6
16090	-16.3	261.5	-6	-84.6
16100	-6.1	262.2	-7	-71.3
16110	0.0	262.8	-7	-53.7
16120	5.3	263.4	-8	-50.5
16130	24.3	263.8	-8	-36.4
16140	32.0	264.1	-9	-31.1

16150	29.4	264.4	-9	-19.7
16160	20.9	264.5	-9	-14.3
16170	15.2	264.6	-9	-10.9
16180	15.2	264.7	-9	-5.5
16190	20.5	264.7	-9	-0.2
16200	27.7	264.7	-9	1.5
16210	31.3	264.6	-9	8.5
16220	28.6	264.5	-9	15.7
16230	23.3	264.2	-9	22.6
16240	20.2	263.9	-8	34.3
16250	21.7	263.6	-8	40.9
16260	25.9	263.2	-8	47.6
16270	29.4	262.7	-7	55.6
16280	29.6	262.1	-7	58.5
16290	26.4	261.5	-6	59.9
16300	22.4	260.7	-5	80.9
16310	20.7	260.0	-5	79.3
16320	22.1	259.1	-4	76.6
16330	25.6	258.3	-3	81.9
16340	28.6	257.3	-2	88.1
16350	28.5	256.2	-1	116.3
16360	26.0	255.1	0	124.3
16370	22.2	253.9	2	131.7
16380	20.2	252.7	3	125.9
16390	20.6	251.4	4	130.9
16400	22.5	250.0	5	136.8
16410	23.7	248.6	7	142.9
16420	22.9	247.1	8	149.0
16430	20.2	245.6	10	154.9
16440	16.8	244.0	11	160.2
16450	14.9	242.4	13	164.2
16460	14.9	240.7	15	167.9
16470	15.6	239.0	16	171.7
16480	15.7	237.2	18	175.4
16490	14.9	235.5	20	179.1
16500	12.7	233.6	22	182.8
16510	11.3	231.8	24	185.8
16520	10.4	229.9	26	188.2
16530	10.3	228.0	27	190.3
16540	10.6	226.1	29	192.4
16550	11.0	224.2	31	194.8
16560	10.2	222.2	33	197.2
16570	8.8	220.2	35	199.4
16580	7.6	218.2	37	201.2
16590	6.8	216.2	39	202.3
16600	7.2	214.1	41	203.6
16610	8.1	212.1	43	204.9
16620	7.9	210.0	45	206.0
16630	6.8	208.0	47	207.6
16640	5.3	205.9	50	208.4
16650	4.1	203.8	52	209.2
16660	3.7	201.7	54	209.5
16670	3.8	199.6	56	209.7
16680	4.1	197.5	58	209.7

16690	5.2	195.4	60	210.0
16700	6.2	193.3	62	210.3
16710	6.2	191.2	64	211.6
16720	4.6	189.1	66	212.1
16730	3.7	186.9	69	212.4
16740	3.4	184.8	71	212.1
16750	4.3	182.7	73	212.1
16760	4.5	180.6	75	212.7
16770	5.3	178.4	77	212.7
16780	6.4	176.3	79	213.5
16790	7.3	174.2	81	214.3
16800	6.8	172.0	83	215.6
16810	5.6	169.8	86	216.9
16820	5.2	167.7	88	217.5
16830	5.3	165.5	90	218.0
16840	6.1	163.3	92	218.8
16850	7.1	161.1	94	219.6
16860	7.6	158.9	97	220.9
16870	6.8	156.7	99	222.0
16880	6.0	154.5	101	223.0
16890	6.1	152.2	103	223.8
16900	7.1	150.0	105	224.6
16910	7.6	147.7	108	226.0
16920	7.3	145.5	110	227.0
16930	6.5	143.2	112	227.6
16940	6.0	140.9	115	228.6
16950	5.6	138.6	117	229.4
16960	5.3	136.3	119	230.0
16970	5.6	134.0	121	230.5
16980	5.7	131.7	124	231.0
16990	5.4	129.4	126	231.3
17000	4.3	127.1	128	232.1
17010	3.0	124.7	131	232.4
17020	2.6	122.4	133	231.8
17030	2.2	120.1	135	231.6
17040	2.0	117.8	138	231.0
17050	1.8	115.5	140	230.5
17060	1.8	113.2	142	230.2
17070	1.5	110.9	145	229.7
17080	-1.2	108.6	147	228.6
17090	-8.4	106.3	149	226.2
17100	-11.7	104.1	151	222.2
17110	-9.5	101.9	154	217.7
17120	-3.4	99.8	156	214.0
17130	0.5	97.6	158	212.4
17140	-0.9	95.5	160	211.3
17150	-8.3	93.4	162	209.2
17160	-15.1	91.3	164	205.5
17170	-17.0	89.3	166	199.6
17180	-14.2	87.4	168	193.8
17190	-11.0	85.5	170	189.2
17200	-7.7	83.7	172	194.0
17210	2.2	82.1	173	153.0
17220	2.8	80.7	175	142.6

17230	12.5	79.6	176	111.0
17240	18.0	78.6	177	94.7
17250	13.7	77.8	178	80.1
17260	-0.8	77.1	178	66.5
17270	-1.1	76.5	179	50.0
17280	-11.4	76.0	179	46.3
17290	-21.6	75.6	180	37.0
17300	-25.6	75.3	180	26.6
17310	-20.7	75.1	180	24.7
17320	-17.5	74.9	181	17.3
17330	-17.6	74.8	181	10.9
17340	-23.3	74.7	181	6.9
17350	-28.6	74.7	181	-0.5
17360	-31.5	74.7	181	-4.2
17370	-30.0	74.8	181	-12.5
17380	-26.7	75.0	180	-18.6
17390	-26.8	75.2	180	-25.0
17400	-32.3	75.6	180	-38.6
17410	-38.8	76.0	179	-44.1
17420	-42.7	76.5	179	-49.2
17430	-40.8	77.2	178	-72.9
17440	-34.2	77.9	178	-76.9
17450	-26.8	78.7	177	-85.9
17460	-23.7	79.6	176	-84.1
17470	-25.4	80.6	175	-89.7
17480	-28.9	81.7	174	-117.1
17490	-30.1	82.8	173	-114.2
17500	-28.3	84.0	171	-109.4
17510	-25.0	85.3	170	-116.3
17520	-23.5	86.7	169	-135.5
17530	-25.0	88.1	167	-142.1
17540	-27.1	89.5	166	-148.8
17550	-27.4	91.1	164	-156.2
17560	-24.0	92.7	163	-163.1
17570	-18.8	94.4	161	-169.3
17580	-16.5	96.1	159	-174.3
17590	-17.6	97.9	158	-178.1
17600	-19.8	99.7	156	-182.6
17610	-20.7	101.6	154	-187.6
17620	-18.7	103.5	152	-192.4
17630	-16.0	105.4	150	-197.0
17640	-14.4	107.4	148	-200.9
17650	-13.8	109.5	146	-204.1
17660	-13.4	111.5	144	-207.1
17670	-13.7	113.6	142	-210.0
17680	-14.1	115.8	140	-212.9
17690	-13.2	117.9	138	-216.1
17700	-11.5	120.1	135	-218.5
17710	-10.7	122.3	133	-220.9
17720	-11.9	124.5	131	-223.0
17730	-13.8	126.8	129	-226.0
17740	-14.0	129.1	126	-228.9
17750	-11.8	131.4	124	-231.8
17760	-9.6	133.7	122	-234.2

17770	-7.5	136.1	119	-235.8
17780	-6.4	138.4	117	-236.9
17790	-7.1	140.8	115	-237.4
17800	-9.6	143.2	112	-238.5
17810	-10.7	145.6	110	-240.3
17820	-9.2	148.0	107	-242.5
17830	-6.9	150.4	105	-243.8
17840	-5.4	152.9	103	-245.1
17850	-5.4	155.3	100	-245.7
17860	-5.2	157.8	98	-246.2
17870	-6.4	160.3	95	-246.5
17880	-8.8	162.7	93	-247.5
17890	-9.6	165.2	90	-248.9
17900	-8.0	167.7	88	-250.5
17910	-6.1	170.2	85	-251.5
17920	-4.6	172.8	83	-251.8
17930	-3.8	175.3	80	-251.8
17940	-4.3	177.8	78	-251.8
17950	-5.7	180.3	75	-252.1
17960	-6.5	182.8	73	-252.6
17970	-5.7	185.4	70	-252.9
17980	-4.3	187.9	68	-253.1
17990	-2.8	190.4	65	-253.1
18000	-2.4	193.0	62	-252.6
18010	-2.6	195.5	60	-252.6
18020	-2.7	198.0	57	-251.8
18030	-2.7	200.5	55	-251.5
18040	-2.8	203.0	52	-251.0
18050	-2.6	205.5	50	-250.5
18060	-2.3	208.0	47	-250.2
18070	-2.0	210.5	45	-249.4
18080	-2.2	213.0	42	-248.9
18090	-2.2	215.5	40	-248.6
18100	-1.2	218.0	37	-247.8
18110	2.2	220.5	35	-246.7
18120	5.0	222.9	33	-244.3
18130	4.3	225.3	30	-241.7
18140	2.3	227.7	28	-239.6
18150	1.6	230.1	25	-237.7
18160	2.8	232.5	23	-236.4
18170	5.8	234.8	21	-234.0
18180	8.4	237.2	18	-230.2
18190	9.1	239.4	16	-226.8
18200	8.0	241.7	14	-223.0
18210	7.2	243.9	12	-219.6
18220	6.4	246.1	9	-216.7
18230	7.2	248.2	7	-213.7
18240	9.4	250.3	5	-210.0
18250	12.2	252.4	3	-206.3
18260	15.6	254.4	1	-200.9
18270	12.5	256.3	-1	-204.1
18280	-3.1	257.9	-2	-156.0
18290	-4.5	259.3	-4	-144.8
18300	-20.2	260.4	-5	-111.8

18310	-27.8	261.4	-6	-94.7
18320	-23.2	262.2	-7	-79.3
18330	-6.9	262.9	-7	-58.3
18340	0.5	263.5	-8	-53.2
18350	6.4	263.9	-8	-39.6
18360	24.1	264.3	-9	-34.3
18370	31.5	264.6	-9	-22.8
18380	29.8	264.8	-9	-16.2
18390	22.1	264.9	-9	-7.7
18400	15.5	264.9	-9	-3.1
18410	14.0	264.9	-9	0.5
18420	19.8	264.9	-9	1.5
18430	26.2	264.8	-9	8.2
18440	29.0	264.7	-9	14.1
18450	27.3	264.5	-9	19.9
18460	22.6	264.2	-9	29.5
18470	19.4	263.9	-8	39.6
18480	20.3	263.5	-8	45.5
18490	23.9	263.1	-8	46.5
18500	27.9	262.5	-7	48.1
18510	28.5	261.9	-6	67.3
18520	25.6	261.3	-6	68.6
18530	21.2	260.5	-5	67.6
18540	18.8	259.7	-4	88.9
18550	19.9	258.9	-3	93.9
18560	22.8	258.0	-3	100.6
18570	25.1	257.0	-2	107.0
18580	25.0	256.0	-1	114.7
18590	22.2	254.9	1	121.9
18600	19.3	253.7	2	116.3
18610	17.1	252.5	3	121.9
18620	17.1	251.3	4	126.1
18630	18.7	250.0	5	130.9
18640	20.2	248.6	7	135.7
18650	19.4	247.2	8	141.0
18660	16.7	245.8	10	145.8
18670	14.2	244.3	11	150.4
18680	12.7	242.8	13	153.3
18690	12.9	241.2	14	156.8
18700	13.3	239.6	16	159.7
18710	13.2	238.0	17	162.9
18720	12.1	236.3	19	166.1
18730	10.2	234.7	21	168.5
18740	8.4	232.9	23	170.9
18750	7.3	231.2	24	172.7
18760	6.4	229.5	26	174.1
18770	6.4	227.7	28	175.1
18780	6.9	226.0	29	175.9
18790	7.1	224.2	31	177.3
18800	6.5	222.4	33	178.6
18810	5.6	220.6	35	179.7
18820	5.2	218.8	37	180.4
18830	5.4	217.0	38	181.2
18840	6.5	215.2	40	181.8

18850	8.3	213.4	42	182.8
18860	8.4	211.5	44	184.7
18870	6.8	209.7	46	186.0
18880	4.5	207.8	48	186.8
18890	2.8	205.9	50	187.1
18900	3.1	204.1	51	187.4
18910	4.3	202.2	53	187.6
18920	6.5	200.3	55	187.9
18930	7.1	198.4	57	189.2
18940	6.8	196.5	59	190.3
18950	5.6	194.6	61	191.4
18960	4.2	192.7	63	192.2
18970	3.4	190.8	65	192.4
18980	4.3	188.8	67	192.7
18990	6.5	186.9	69	193.2
19000	7.9	185.0	70	194.3
19010	8.0	183.0	72	195.9
19020	6.2	181.0	74	197.0
19030	4.5	179.1	76	198.0
19040	5.0	177.1	78	198.3
19050	6.4	175.1	80	198.8
19060	8.4	173.1	82	199.9
19070	8.9	171.1	84	201.5
19080	8.0	169.1	86	203.1
19090	6.8	167.0	88	204.1
19100	6.1	165.0	90	204.9
19110	6.4	162.9	93	205.7
19120	7.6	160.9	95	206.8
19130	8.7	158.8	97	207.9
19140	8.3	156.7	99	209.5
19150	7.2	154.6	101	211.1
19160	6.8	152.5	103	212.1
19170	7.5	150.3	105	212.9
19180	7.7	148.2	107	214.8
19190	7.7	146.0	109	215.9
19200	7.1	143.9	112	217.5
19210	6.8	141.7	114	218.0
19220	6.2	139.5	116	218.8
19230	6.0	137.3	118	219.6
19240	5.3	135.1	120	220.4
19250	4.7	132.9	123	220.6
19260	4.3	130.7	125	220.9
19270	3.9	128.5	127	221.4
19280	3.1	126.3	129	221.2
19290	2.7	124.0	131	221.2
19300	2.2	121.8	134	220.9
19310	2.0	119.6	136	220.6
19320	1.9	117.4	138	220.1
19330	1.8	115.2	140	219.9
19340	1.8	113.0	142	219.1
19350	1.6	110.8	145	218.8
19360	0.4	108.7	147	218.0
19370	-5.0	106.5	149	216.7
19380	-9.6	104.3	151	213.2

19390	-9.4	102.2	153	209.2
19400	-3.9	100.2	155	206.3
19410	0.0	98.1	157	204.4
19420	0.1	96.1	159	203.3
19430	-4.7	94.1	161	202.0
19440	-11.5	92.1	163	199.1
19450	-14.8	90.1	165	194.3
19460	-13.3	88.2	167	189.0
19470	-9.9	86.3	169	184.4
19480	-8.7	84.6	171	162.6
19490	-2.4	83.0	172	143.4
19500	2.0	81.5	174	137.3
19510	8.5	80.2	175	128.3
19520	18.0	79.3	176	100.6
19530	17.2	78.4	177	85.7
19540	6.2	77.6	178	72.6
19550	-0.8	76.9	179	66.5
19560	-8.7	76.4	179	46.0
19570	-23.7	76.0	179	41.2
19580	-29.7	75.6	180	33.5
19590	-28.9	75.4	180	22.6
19600	-21.8	75.2	180	19.7
19610	-17.5	75.0	180	12.7
19620	-19.5	74.9	181	6.9
19630	-25.6	74.9	181	1.3
19640	-31.2	74.9	181	-2.3
19650	-32.5	75.0	180	-11.4
19660	-29.3	75.2	180	-20.7
19670	-26.4	75.4	180	-29.5
19680	-28.6	75.7	180	-33.8
19690	-35.9	76.1	179	-38.0
19700	-43.5	76.7	179	-57.7
19710	-46.1	77.2	178	-64.4
19720	-42.8	78.0	177	-69.2
19730	-35.1	78.8	177	-88.1
19740	-27.8	79.8	176	-107.5
19750	-25.8	80.9	175	-115.2
19760	-28.2	81.9	174	-111.8
19770	-31.7	83.1	172	-107.5
19780	-32.8	84.4	171	-140.2
19790	-29.6	85.8	170	-149.8
19800	-25.9	87.2	168	-144.0
19810	-24.4	88.7	167	-150.9
19820	-26.6	90.2	165	-157.6
19830	-28.3	91.9	164	-165.0
19840	-28.6	93.6	162	-173.0
19850	-26.2	95.3	160	-179.9
19860	-22.2	97.2	158	-186.8
19870	-19.5	99.1	156	-192.4
19880	-18.8	101.1	154	-197.2
19890	-20.2	103.1	152	-202.0
19900	-22.0	105.1	150	-207.1
19910	-22.8	107.3	148	-212.9
19920	-20.7	109.4	146	-218.5

19930	-16.4	111.6	144	-223.0
19940	-13.7	113.9	142	-226.5
19950	-13.7	116.2	139	-229.4
19960	-15.1	118.5	137	-232.6
19970	-15.6	120.9	135	-235.6
19980	-15.5	123.2	132	-239.0
19990	-15.5	125.7	130	-242.2
20000	-14.8	128.1	127	-245.4
20010	-13.8	130.6	125	-248.6
20020	-13.3	133.1	122	-251.3
20030	-13.0	135.6	120	-254.5
20040	-11.4	138.2	117	-256.6
20050	-9.6	140.8	115	-259.3
20060	-9.8	143.4	112	-260.6
20070	-10.4	146.0	109	-262.4
20080	-10.6	148.6	107	-264.0
20090	-10.2	151.3	104	-266.2
20100	-9.1	154.0	101	-267.8
20110	-6.5	156.7	99	-268.8
20120	-3.8	159.4	96	-269.6
20130	-4.9	162.0	93	-269.4
20140	-8.0	164.7	91	-269.6
20150	-9.9	167.4	88	-270.7
20160	-10.0	170.2	85	-272.0
20170	-8.3	172.9	83	-273.6
20180	-4.9	175.6	80	-274.4
20190	-3.3	178.4	77	-274.7
20200	-3.4	181.1	74	-274.4
20210	-4.6	183.9	72	-274.2
20220	-6.5	186.6	69	-274.4
20230	-6.5	189.4	66	-275.2
20240	-3.9	192.1	63	-275.5
20250	-2.3	194.9	61	-275.5
20260	-2.6	197.6	58	-275.0
20270	-2.6	200.4	55	-274.2
20280	-2.6	203.1	52	-273.9
20290	-2.6	205.9	50	-273.4
20300	-2.6	208.6	47	-272.6
20310	-2.4	211.3	44	-272.0
20320	-2.4	214.0	41	-271.8
20330	-1.9	216.7	39	-270.7
20340	1.9	219.4	36	-269.6
20350	8.1	222.1	33	-267.2
20360	9.9	224.8	31	-263.2
20370	7.9	227.4	28	-259.3
20380	3.0	229.9	26	-256.1
20390	0.4	232.5	23	-254.7
20400	2.0	235.0	20	-253.1
20410	6.6	237.5	18	-251.0
20420	11.1	240.0	15	-247.3
20430	14.1	242.4	13	-242.2
20440	14.9	244.8	11	-236.9
20450	14.4	247.2	8	-231.3
20460	13.4	249.4	6	-226.0

20470	12.7	251.7	4	-220.9
20480	14.0	253.8	2	-216.1
20490	13.7	255.9	0	-227.6
20500	-0.1	257.7	-2	-173.8
20510	-4.7	259.2	-4	-158.9
20520	-23.2	260.4	-5	-108.6
20530	-33.0	261.5	-6	-101.6
20540	-27.5	262.4	-7	-83.8
20550	-3.9	263.1	-8	-74.0
20560	1.5	263.7	-8	-54.3
20570	16.0	264.1	-9	-42.5
20580	35.4	264.5	-9	-27.4
20590	39.9	264.7	-9	-19.1
20600	26.3	264.8	-9	-10.6
20610	15.3	264.9	-9	-4.2
20620	10.2	264.9	-9	-1.0
20630	14.4	264.9	-9	0.2
20640	23.7	264.9	-9	2.3
20650	28.7	264.8	-9	7.7
20660	28.1	264.7	-9	15.7
20670	22.4	264.4	-9	25.5
20680	17.4	264.2	-9	29.2
20690	17.1	263.8	-8	30.8
20700	21.7	263.5	-8	35.1
20710	27.5	263.0	-8	40.7
20720	30.5	262.5	-7	47.6
20730	28.2	261.9	-6	67.3
20740	23.9	261.3	-6	68.6
20750	20.2	260.5	-5	67.3
20760	19.9	259.7	-4	72.4
20770	22.4	258.9	-3	77.4
20780	25.5	258.0	-3	83.0
20790	26.6	257.0	-2	88.9
20800	25.2	256.0	-1	95.3
20810	21.2	254.9	1	101.4
20820	17.6	253.7	2	117.6
20830	16.8	252.4	3	122.4
20840	19.0	251.2	4	127.2
20850	22.0	249.9	6	132.5
20860	23.1	248.5	7	138.1
20870	20.9	247.1	8	144.0
20880	17.8	245.6	10	149.6
20890	14.6	244.1	11	154.1
20900	12.9	242.5	13	157.3
20910	13.3	240.9	15	160.5
20920	13.8	239.3	16	163.7
20930	13.6	237.6	18	167.1
20940	12.1	235.9	20	170.6
20950	9.5	234.2	21	173.0
20960	7.7	232.4	23	175.1
20970	7.2	230.7	25	176.7
20980	7.6	228.9	27	178.1
20990	8.5	227.1	28	179.7
21000	9.4	225.3	30	181.2

21010	8.8	223.5	32	182.6
21020	7.2	221.6	34	184.4
21030	6.0	219.8	36	185.8
21040	5.3	217.9	38	186.6
21050	5.3	216.0	39	187.1
21060	6.4	214.2	41	187.9
21070	7.2	212.3	43	189.0
21080	6.5	210.4	45	190.3
21090	5.7	208.5	47	191.4
21100	4.7	206.5	49	192.2
21110	4.3	204.6	51	192.4
21120	4.2	202.7	53	192.7
21130	4.1	200.8	55	193.5
21140	3.0	198.8	57	193.5
21150	2.6	196.9	59	193.2
21160	2.8	195.0	60	193.2
21170	3.5	193.0	62	193.5
21180	4.2	191.1	64	193.5
21190	3.9	189.1	66	193.8
21200	4.1	187.2	68	194.0
21210	3.7	185.3	70	194.3
21220	3.7	183.3	72	194.0
21230	3.4	181.4	74	194.6
21240	2.8	179.4	76	194.6
21250	3.7	177.5	78	194.6
21260	4.9	175.5	80	194.8
21270	5.4	173.6	82	195.1
21280	4.6	171.6	84	195.9
21290	3.5	169.7	86	196.2
21300	2.8	167.7	88	196.2
21310	3.8	165.7	90	196.2
21320	4.7	163.8	92	196.4
21330	5.7	161.8	94	197.2
21340	5.8	159.8	96	197.8
21350	5.0	157.8	98	198.6
21360	4.2	155.9	100	199.4
21370	4.1	153.9	102	199.1
21380	4.9	151.9	104	199.4
21390	5.6	149.9	106	199.9
21400	5.6	147.9	108	200.9
21410	4.6	145.8	110	201.5
21420	3.8	143.8	112	201.5
21430	4.1	141.8	114	201.7
21440	4.7	139.8	116	202.3
21450	5.2	137.8	118	202.5
21460	4.7	135.7	120	203.1
21470	4.3	133.7	122	203.6
21480	3.7	131.7	124	204.1
21490	3.1	129.6	126	204.1
21500	3.0	127.6	128	204.1
21510	2.6	125.5	130	204.1
21520	2.4	123.5	132	203.9
21530	1.9	121.5	134	203.6
21540	1.8	119.4	136	203.1

21550	1.8	117.4	138	202.8
21560	1.6	115.4	140	202.3
21570	1.6	113.4	142	202.0
21580	1.5	111.3	144	201.5
21590	0.0	109.3	146	200.7
21600	-4.5	107.3	148	199.4
21610	-7.7	105.4	150	196.7
21620	-7.3	103.4	152	193.2
21630	-3.1	101.5	154	190.6
21640	0.0	99.6	156	189.2
21650	0.1	97.7	158	188.2
21660	-3.1	95.8	160	187.1
21670	-7.5	94.0	161	184.7
21680	-9.5	92.2	163	181.2
21690	-8.5	90.4	165	177.5
21700	-6.1	88.6	167	174.3
21710	-6.9	86.9	169	171.9
21720	-10.6	85.3	170	152.0
21730	-12.2	83.7	172	140.5
21740	-4.3	82.3	173	136.0
21750	1.6	81.0	174	129.9
21760	1.4	80.0	175	102.4
21770	1.9	79.1	176	88.3
21780	0.7	78.2	177	83.5
21790	-0.1	77.6	178	65.7
21800	-0.4	77.0	178	56.4
21810	-12.5	76.5	179	48.1
21820	-26.8	76.1	179	34.8
21830	-31.1	75.8	180	30.8
21840	-24.7	75.5	180	20.4
21850	-15.3	75.3	180	19.1
21860	-11.9	75.2	180	13.8
21870	-16.7	75.1	180	9.0
21880	-24.8	75.0	180	4.2
21890	-29.8	75.0	180	-1.5
21900	-30.2	75.1	180	-6.9
21910	-26.3	75.2	180	-15.1
21920	-23.7	75.4	180	-20.4
21930	-26.3	75.7	180	-26.3
21940	-33.2	76.0	179	-40.7
21950	-38.8	76.5	179	-46.0
21960	-40.1	77.0	178	-51.1
21970	-35.8	77.7	178	-74.2
21980	-28.9	78.4	177	-84.9
21990	-24.5	79.2	176	-84.6
22000	-24.5	80.1	175	-91.5
22010	-28.6	81.1	174	-97.9
22020	-31.9	82.1	173	-105.6
22030	-31.7	83.2	172	-102.7
22040	-28.6	84.4	171	-111.5
22050	-24.1	85.8	170	-129.6
22060	-23.1	87.1	168	-136.0
22070	-25.2	88.5	167	-142.4
22080	-27.7	90.0	165	-149.3

22090	-27.3	91.5	164	-157.0
22100	-24.3	93.2	162	-164.2
22110	-20.5	94.9	161	-169.8
22120	-19.4	96.6	159	-175.4
22130	-20.9	98.4	157	-180.4
22140	-22.2	100.2	155	-186.0
22150	-21.6	102.1	153	-191.6
22160	-18.3	104.1	151	-197.0
22170	-15.3	106.1	149	-201.2
22180	-14.4	108.1	147	-205.2
22190	-14.5	110.2	145	-208.4
22200	-14.8	112.3	143	-211.9
22210	-15.1	114.5	141	-215.3
22220	-14.8	116.7	139	-218.5
22230	-13.8	118.9	137	-222.0
22240	-12.3	121.1	134	-224.9
22250	-11.7	123.4	132	-227.3
22260	-12.6	125.7	130	-229.7
22270	-13.6	128.0	127	-232.1
22280	-12.5	130.3	125	-235.3
22290	-10.4	132.7	123	-237.4
22300	-8.5	135.1	120	-239.3
22310	-6.8	137.5	118	-240.9
22320	-5.8	139.9	116	-241.9
22330	-6.6	142.3	113	-242.5
22340	-9.2	144.8	111	-243.8
22350	-9.2	147.2	108	-245.4
22360	-7.6	149.7	106	-246.7
22370	-6.5	152.2	103	-247.8
22380	-5.8	154.6	101	-248.3
22390	-4.6	157.1	98	-248.6
22400	-4.7	159.6	96	-248.6
22410	-7.7	162.1	93	-248.9
22420	-10.2	164.6	91	-250.2
22430	-9.8	167.1	88	-251.5
22440	-6.8	169.7	86	-253.1
22450	-4.7	172.2	83	-253.7
22460	-3.5	174.7	81	-254.2
22470	-4.3	177.3	78	-253.9
22480	-6.6	179.8	76	-253.9
22490	-8.3	182.4	73	-255.0
22500	-7.9	184.9	71	-256.1
22510	-6.5	187.5	68	-256.9
22520	-4.5	190.1	65	-257.4
22530	-3.0	192.6	63	-257.7
22540	-3.0	195.2	60	-257.4
22550	-4.1	197.8	58	-256.9
22560	-5.0	200.3	55	-256.9
22570	-5.6	202.9	53	-256.9
22580	-4.7	205.5	50	-257.1
22590	-2.6	208.1	47	-257.1
22600	-2.2	210.6	45	-257.1
22610	-2.3	213.2	42	-256.6
22620	-2.4	215.8	40	-255.8

22630	-2.3	218.3	37	-255.5
22640	-2.3	220.9	35	-254.7
22650	-2.0	223.4	32	-254.2
22660	0.7	225.9	30	-253.1
22670	5.7	228.5	27	-251.3
22680	8.8	231.0	24	-248.1
22690	8.4	233.4	22	-243.8
22700	6.4	235.8	20	-240.3
22710	5.4	238.2	17	-237.2
22720	6.9	240.6	15	-234.5
22730	10.4	242.9	13	-230.8
22740	14.8	245.1	10	-226.0
22750	17.4	247.4	8	-220.4
22760	17.6	249.5	6	-214.3
22770	17.0	251.6	4	-207.9
22780	18.2	253.7	2	-202.3
22790	20.1	255.6	0	-192.7
22800	10.7	257.2	-2	-164.5
22810	-2.7	258.7	-3	-140.0
22820	-2.0	259.9	-4	-107.8
22830	-5.4	261.0	-6	-99.3
22840	-6.9	261.9	-6	-91.5
22850	-0.7	262.6	-7	-70.0
22860	0.1	263.2	-8	-64.1
22870	8.8	263.7	-8	-48.7
22880	29.7	264.1	-9	-33.8
22890	39.3	264.4	-9	-27.1
22900	36.9	264.6	-9	-14.3
22910	26.8	264.7	-9	-6.9
22920	17.8	264.7	-9	-0.7
22930	17.6	264.7	-9	1.0
22940	23.9	264.7	-9	6.3
22950	30.5	264.5	-9	13.0
22960	32.7	264.4	-9	22.3
22970	29.6	264.1	-9	32.2
22980	25.0	263.8	-8	37.2
22990	22.5	263.3	-8	39.9
23000	24.4	262.8	-7	55.6
23010	28.5	262.3	-7	63.0
23020	31.2	261.7	-6	64.9
23030	30.5	260.9	-5	66.0
23040	26.6	260.1	-5	89.9
23050	22.6	259.3	-4	88.3
23060	20.3	258.4	-3	85.1
23070	21.3	257.3	-2	109.6
23080	23.9	256.3	-1	116.0
23090	26.0	255.2	0	122.7
23100	25.2	254.0	1	130.4
23110	21.6	252.8	3	125.1
23120	17.8	251.5	4	130.9
23130	16.3	250.1	5	135.7
23140	16.8	248.7	7	139.7
23150	18.4	247.3	8	144.2
23160	19.1	245.8	10	149.0

23170	17.5	244.3	11	153.8
23180	14.9	242.7	13	158.1
23190	12.2	241.1	14	161.8
23200	11.1	239.5	16	164.7
23210	11.1	237.8	18	167.4
23220	11.3	236.1	19	169.8
23230	10.8	234.4	21	172.2
23240	10.0	232.7	23	174.6
23250	8.9	230.9	25	176.7
23260	8.1	229.1	26	178.6
23270	8.1	227.3	28	180.2
23280	8.5	225.5	30	181.8
23290	8.5	223.7	32	183.4
23300	7.7	221.8	34	184.7
23310	6.4	220.0	35	186.3
23320	5.7	218.1	37	187.1
23330	5.3	216.2	39	187.9
23340	6.0	214.3	41	188.4
23350	7.1	212.4	43	189.8
23360	6.9	210.5	45	190.8
23370	5.8	208.6	47	191.9
23380	4.1	206.7	49	192.7
23390	2.8	204.8	51	193.0
23400	1.9	202.8	53	192.4
23410	1.8	200.9	55	192.4
23420	1.8	199.0	56	192.2
23430	1.8	197.1	58	191.4
23440	1.8	195.2	60	191.1
23450	1.8	193.2	62	191.1
23460	1.8	191.3	64	190.6
23470	1.8	189.4	66	190.3
23480	1.8	187.5	68	189.8
23490	1.8	185.6	70	189.2
23500	2.3	183.7	72	189.0
23510	3.8	181.9	74	189.0
23520	5.3	180.0	75	189.2
23530	6.8	178.1	77	190.0
23540	6.8	176.2	79	190.8
23550	5.3	174.2	81	191.9
23560	3.5	172.3	83	192.4
23570	2.6	170.4	85	193.0
23580	4.1	168.5	87	192.7
23590	6.2	166.5	89	193.2
23600	7.7	164.6	91	194.6
23610	7.6	162.6	93	195.6
23620	6.9	160.7	95	197.0
23630	6.1	158.7	97	198.0
23640	5.8	156.7	99	198.8
23650	6.6	154.7	101	199.6
23660	8.1	152.7	103	200.9
23670	9.1	150.7	105	202.3
23680	8.5	148.6	107	204.4
23690	7.3	146.6	109	205.5
23700	6.1	144.5	111	206.8

23710	6.2	142.4	113	207.6
23720	7.2	140.4	115	208.4
23730	8.0	138.3	117	209.7
23740	7.7	136.2	119	210.8
23750	7.3	134.0	121	212.4
23760	6.4	131.9	124	213.5
23770	5.8	129.8	126	214.3
23780	5.4	127.6	128	215.1
23790	5.4	125.5	130	215.6
23800	5.7	123.3	132	216.4
23810	5.4	121.1	134	216.7
23820	4.6	119.0	136	217.2
23830	3.5	116.8	139	217.2
23840	2.7	114.6	141	217.7
23850	2.3	112.4	143	217.5
23860	1.9	110.3	145	216.9
23870	1.8	108.1	147	216.4
23880	1.6	105.9	150	216.1
23890	1.5	103.8	152	215.6
23900	0.0	101.6	154	214.8
23910	-6.2	99.5	156	212.9
23920	-9.9	97.4	158	209.5
23930	-9.1	95.3	160	205.5
23940	-5.2	93.3	162	202.0
23950	-3.3	91.3	164	199.9
23960	-4.6	89.3	166	197.8
23970	-8.8	87.4	168	195.1
23980	-13.6	85.4	170	191.1
23990	-12.5	83.7	172	179.9
24000	0.4	82.1	173	137.3
24010	3.5	80.7	175	130.4
24020	14.2	79.6	176	111.2
24030	19.3	78.5	177	103.5
24040	12.2	77.7	178	79.0
24050	-2.2	77.1	178	65.7
24060	-3.3	76.5	179	54.8
24070	-17.5	76.0	179	44.7
24080	-24.7	75.6	180	35.4
24090	-26.6	75.3	180	27.4
24100	-21.6	75.1	180	21.8
24110	-19.1	75.0	180	15.1
24120	-21.3	74.9	181	7.9
24130	-28.7	74.8	181	0.2
24140	-35.9	74.9	181	-3.7
24150	-38.1	75.0	180	-11.9
24160	-34.3	75.2	180	-21.0
24170	-28.7	75.5	180	-29.0
24180	-28.7	75.9	180	-36.2
24190	-35.4	76.3	179	-47.9
24200	-43.5	76.9	179	-52.1
24210	-47.3	77.6	178	-77.2
24220	-44.5	78.3	177	-82.2
24230	-36.3	79.2	176	-84.6
24240	-28.5	80.2	175	-94.7

24250	-25.2	81.3	174	-99.8
24260	-27.3	82.6	173	-129.9
24270	-30.9	83.7	172	-124.8
24280	-32.4	85.0	170	-119.8
24290	-30.0	86.5	169	-141.6
24300	-26.3	88.0	167	-149.6
24310	-24.7	89.5	166	-156.8
24320	-26.4	91.2	164	-163.7
24330	-29.0	92.8	163	-170.6
24340	-29.2	94.6	161	-178.6
24350	-26.7	96.4	159	-186.0
24360	-22.0	98.4	157	-192.7
24370	-17.4	100.3	155	-198.3
24380	-15.7	102.3	153	-202.5
24390	-17.0	104.4	151	-206.3
24400	-19.8	106.5	149	-210.3
24410	-21.0	108.6	147	-215.1
24420	-18.4	110.8	145	-220.4
24430	-13.8	113.1	142	-224.4
24440	-10.7	115.3	140	-227.3
24450	-10.3	117.6	138	-229.4
24460	-11.5	119.9	136	-231.6
24470	-13.0	122.3	133	-233.7
24480	-14.4	124.6	131	-236.9
24490	-14.6	127.0	128	-240.1
24500	-12.9	129.4	126	-243.5
24510	-11.0	131.9	124	-246.2
24520	-10.8	134.4	121	-248.1
24530	-10.6	136.9	119	-249.9
24540	-9.8	139.4	116	-252.1
24550	-8.8	141.9	114	-253.7
24560	-9.4	144.5	111	-255.0
24570	-9.2	147.0	108	-256.3
24580	-8.4	149.6	106	-257.4
24590	-8.7	152.2	103	-258.7
24600	-8.9	154.8	101	-260.0
24610	-7.9	157.4	98	-261.1
24620	-7.5	160.0	95	-261.9
24630	-8.9	162.6	93	-263.2
24640	-9.8	165.3	90	-264.6
24650	-9.2	167.9	88	-266.2
24660	-8.4	170.6	85	-267.2
24670	-6.6	173.3	82	-268.3
24680	-5.0	176.0	79	-269.1
24690	-4.9	178.7	77	-269.4
24700	-5.7	181.4	74	-269.4
24710	-6.4	184.0	71	-269.9
24720	-7.1	186.8	69	-270.7
24730	-5.8	189.5	66	-271.5
24740	-3.3	192.2	63	-271.8
24750	-2.4	194.9	61	-271.8
24760	-2.7	197.6	58	-271.2
24770	-2.7	200.3	55	-270.7
24780	-2.8	203.0	52	-270.4

24790	-3.1	205.7	50	-269.9
24800	-3.3	208.4	47	-269.6
24810	-2.7	211.1	44	-269.1
24820	-2.6	213.8	42	-268.6
24830	-2.6	216.5	39	-268.3
24840	-2.4	219.2	36	-267.5
24850	-2.2	221.8	34	-267.2
24860	-2.2	224.5	31	-266.4
24870	2.2	227.2	28	-265.1
24880	13.4	229.8	26	-262.4
24890	18.6	232.4	23	-256.6
24900	16.0	234.9	21	-249.9
24910	8.1	237.4	18	-244.6
24920	1.8	239.8	16	-241.4
24930	2.0	242.2	13	-239.8
24940	8.3	244.6	11	-236.9
24950	16.1	246.9	9	-232.9
24960	22.0	249.2	6	-226.2
24970	22.6	251.4	4	-218.5
24980	21.2	253.5	2	-211.1
24990	18.6	255.5	0	-182.6
25000	5.6	257.3	-2	-172.5
25010	-2.8	258.8	-3	-130.4
25020	-10.7	260.1	-5	-121.9
25030	-22.5	261.1	-6	-102.2
25040	-19.5	262.0	-7	-76.4
25050	-6.9	262.8	-7	-70.2
25060	0.5	263.4	-8	-63.0
25070	6.8	263.9	-8	-47.6
25080	27.4	264.3	-9	-40.4
25090	35.0	264.6	-9	-26.3
25100	34.2	264.8	-9	-14.6
25110	25.9	264.9	-9	-7.4
25120	17.1	264.9	-9	-1.3
25130	15.6	264.9	-9	0.2
25140	20.6	264.8	-9	5.0
25150	25.4	264.8	-9	9.8
25160	28.5	264.6	-9	15.1
25170	27.8	264.4	-9	22.3
25180	25.0	264.1	-9	29.2
25190	22.4	263.7	-8	43.1
25200	22.9	263.3	-8	45.2
25210	25.6	262.8	-7	46.3
25220	28.2	262.2	-7	52.9
25230	28.3	261.5	-6	72.9
25240	26.3	260.9	-5	73.4
25250	22.9	260.1	-5	72.4
25260	21.4	259.2	-4	95.0
25270	22.0	258.3	-3	92.1
25280	24.3	257.3	-2	107.2
25290	26.0	256.3	-1	115.2
25300	26.2	255.2	0	122.7
25310	23.9	254.0	1	130.1
25320	20.5	252.8	3	125.1

25330	17.8	251.5	4	130.4
25340	17.5	250.1	5	134.9
25350	18.3	248.7	7	139.5
25360	19.5	247.3	8	144.5
25370	19.7	245.8	10	149.3
25380	18.4	244.3	11	154.6
25390	16.7	242.7	13	159.2
25400	15.2	241.1	14	163.4
25410	14.4	239.4	16	166.9
25420	13.7	237.7	18	170.6
25430	13.0	236.0	19	173.8
25440	11.4	234.2	21	176.7
25450	10.3	232.4	23	179.7
25460	9.4	230.6	25	181.8
25470	8.3	228.8	27	183.6
25480	8.1	227.0	28	185.0
25490	8.7	225.1	30	186.8
25500	9.1	223.2	32	188.7
25510	9.1	221.3	34	190.0
25520	8.8	219.4	36	191.9
25530	8.1	217.5	38	193.2
25540	7.2	215.5	40	194.6
25550	7.1	213.6	42	195.9
25560	6.6	211.6	44	197.2
25570	5.8	209.6	46	198.3
25580	4.6	207.6	48	198.8
25590	3.3	205.6	50	199.4
25600	2.6	203.6	52	199.4
25610	2.6	201.6	54	199.1
25620	2.7	199.7	56	198.8
25630	3.0	197.7	58	198.8
25640	4.1	195.7	60	199.1
25650	4.9	193.7	62	199.4
25660	4.3	191.7	64	199.6
25670	2.8	189.7	66	199.6
25680	1.8	187.7	68	199.6
25690	1.8	185.7	70	199.4
25700	2.0	183.7	72	198.8
25710	2.2	181.7	74	198.8
25720	2.4	179.7	76	198.0
25730	3.7	177.8	78	198.0
25740	5.7	175.8	80	198.0
25750	6.2	173.8	82	198.8
25760	5.0	171.8	84	199.6
25770	3.0	169.8	86	200.1
25780	2.4	167.8	88	200.1
25790	3.1	165.8	90	199.9
25800	4.5	163.8	92	199.9
25810	6.1	161.8	94	200.4
25820	6.9	159.8	96	201.2
25830	6.1	157.8	98	202.3
25840	4.7	155.7	100	203.3
25850	4.3	153.7	102	203.3
25860	5.0	151.7	104	203.6

25870	6.2	149.6	106	204.4
25880	6.9	147.6	108	205.5
25890	6.1	145.5	110	206.0
25900	4.7	143.4	112	206.8
25910	3.9	141.4	114	207.1
25920	3.7	139.3	116	207.3
25930	4.1	137.2	118	207.6
25940	4.5	135.1	120	207.9
25950	4.6	133.1	122	208.1
25960	3.4	131.0	124	208.4
25970	2.3	128.9	127	208.7
25980	1.8	126.8	129	208.1
25990	1.8	124.7	131	207.6
26000	1.8	122.7	133	207.3
26010	1.6	120.6	135	206.5
26020	1.8	118.5	137	206.5
26030	1.5	116.5	139	206.0
26040	0.5	114.4	141	205.5
26050	-3.3	112.4	143	204.1
26060	-6.6	110.3	145	201.7
26070	-6.2	108.3	147	198.6
26080	-2.6	106.4	149	196.4
26090	-0.1	104.4	151	194.8
26100	-1.2	102.5	153	193.8
26110	-4.3	100.5	155	192.2
26120	-6.9	98.6	157	189.8
26130	-7.1	96.8	159	187.4
26140	-6.6	94.9	161	184.2
26150	-6.9	93.1	162	181.0
26160	-7.9	91.3	164	178.3
26170	-9.5	89.5	166	174.6
26180	-11.3	87.8	168	170.9
26190	-13.6	86.1	169	166.6
26200	-15.9	84.5	171	160.7
26210	-11.9	83.1	172	143.4
26220	-1.8	81.8	174	137.3
26230	1.6	80.7	175	109.9
26240	0.9	79.7	176	95.3
26250	0.5	78.8	177	82.2
26260	0.1	78.1	177	64.1
26270	-3.5	77.5	178	62.0
26280	-13.3	76.9	179	52.4
26290	-20.9	76.4	179	47.9
26300	-22.5	76.1	179	36.7
26310	-20.7	75.7	180	33.5
26320	-19.1	75.5	180	24.7
26330	-19.1	75.3	180	17.3
26340	-22.6	75.1	180	14.9
26350	-27.0	75.0	180	6.6
26360	-31.1	75.0	180	-1.3
26370	-33.9	75.1	180	-5.5
26380	-34.3	75.2	180	-14.6
26390	-32.8	75.4	180	-26.8
26400	-32.7	75.7	180	-36.4

26410	-34.7	76.1	179	-42.3
26420	-37.6	76.6	179	-46.8
26430	-38.4	77.2	178	-68.9
26440	-35.5	77.9	178	-79.0
26450	-30.1	78.8	177	-90.7
26460	-25.8	79.6	176	-90.7
26470	-24.8	80.6	175	-87.8
26480	-27.5	81.6	174	-114.2
26490	-30.8	82.7	173	-111.5
26500	-32.4	83.8	172	-107.5
26510	-31.2	85.1	170	-115.0
26520	-28.7	86.5	169	-136.0
26530	-27.9	87.9	168	-144.0
26540	-28.7	89.4	166	-151.4
26550	-29.6	91.0	164	-159.7
26560	-29.2	92.7	163	-167.4
26570	-27.1	94.4	161	-175.1
26580	-25.2	96.2	159	-182.0
26590	-24.7	98.1	157	-188.7
26600	-24.7	100.0	155	-194.8
26610	-24.0	102.0	153	-201.7
26620	-22.5	104.1	151	-207.3
26630	-21.2	106.2	149	-212.9
26640	-20.1	108.4	147	-218.5
26650	-17.9	110.6	145	-223.6
26660	-15.6	112.8	143	-227.6
26670	-14.4	115.1	140	-231.0
26680	-14.0	117.5	138	-234.5
26690	-13.4	119.8	136	-237.2
26700	-12.3	122.2	133	-240.1
26710	-12.3	124.7	131	-242.5
26720	-12.5	127.1	128	-245.4
26730	-11.3	129.6	126	-247.8
26740	-10.0	132.1	123	-249.9
26750	-9.4	134.6	121	-251.8
26760	-7.9	137.1	118	-253.4
26770	-6.4	139.7	116	-254.2
26780	-6.1	142.2	113	-254.7
26790	-7.9	144.8	111	-255.5
26800	-8.4	147.3	108	-256.6
26810	-7.9	149.9	106	-257.7
26820	-6.6	152.5	103	-258.7
26830	-5.2	155.1	100	-259.3
26840	-3.1	157.7	98	-259.3
26850	-3.1	160.3	95	-259.0
26860	-4.7	162.8	93	-258.5
26870	-6.6	165.4	90	-259.3
26880	-7.1	168.0	87	-259.8
26890	-6.1	170.6	85	-260.6
26900	-3.9	173.2	82	-261.1
26910	-2.8	175.8	80	-260.8
26920	-2.7	178.5	77	-260.6
26930	-3.3	181.1	74	-259.8
26940	-3.8	183.7	72	-259.8

26950	-5.0	186.3	69	-259.8
26960	-5.0	188.9	67	-260.0
26970	-3.5	191.5	64	-260.0
26980	-2.7	194.1	61	-259.8
26990	-2.7	196.7	59	-259.5
27000	-3.1	199.2	56	-259.0
27010	-3.7	201.8	54	-258.5
27020	-4.7	204.4	51	-258.7
27030	-4.7	207.0	48	-258.7
27040	-3.1	209.6	46	-259.0
27050	-2.2	212.2	43	-258.7
27060	-2.2	214.8	41	-257.9
27070	-2.0	217.3	38	-257.4
27080	0.0	219.9	36	-256.3
27090	7.3	222.5	33	-254.2
27100	9.8	225.0	30	-250.7
27110	7.5	227.4	28	-246.7
27120	3.3	229.9	26	-243.8
27130	1.2	232.3	23	-241.9
27140	2.4	234.7	21	-240.1
27150	8.0	237.1	18	-237.7
27160	13.4	239.5	16	-233.4
27170	16.7	241.7	14	-228.1
27180	16.0	244.0	11	-222.0
27190	12.2	246.2	9	-216.7
27200	9.2	248.3	7	-211.9
27210	8.8	250.4	5	-208.4
27220	11.8	252.4	3	-204.4
27230	17.2	254.5	1	-199.4
27240	16.1	256.3	-1	-200.9
27250	1.8	257.9	-2	-154.1
27260	-2.7	259.2	-4	-131.2
27270	-9.9	260.4	-5	-121.1
27280	-19.9	261.4	-6	-93.7
27290	-16.0	262.2	-7	-78.5
27300	-2.2	262.9	-7	-71.3
27310	0.5	263.4	-8	-53.7
27320	12.9	263.9	-8	-48.7
27330	30.0	264.3	-9	-34.0
27340	35.7	264.6	-9	-26.6
27350	31.9	264.7	-9	-14.6
27360	23.2	264.8	-9	-7.1
27370	16.3	264.8	-9	-1.5
27380	17.4	264.8	-9	0.7
27390	24.1	264.8	-9	4.7
27400	30.5	264.7	-9	11.1
27410	32.4	264.5	-9	20.4
27420	28.9	264.3	-9	30.6
27430	24.0	264.0	-9	35.4
27440	21.4	263.6	-8	37.8
27450	23.2	263.1	-8	47.9
27460	28.2	262.5	-7	60.1
27470	31.9	262.0	-7	62.5
27480	31.9	261.3	-6	70.8

27490	28.1	260.5	-5	71.6
27500	23.2	259.6	-4	95.5
27510	20.7	258.7	-3	92.9
27520	21.6	257.8	-2	88.6
27530	24.8	256.7	-1	93.7
27540	27.8	255.6	0	99.8
27550	27.8	254.4	1	118.4
27560	23.9	253.2	2	125.6
27570	18.8	251.9	4	132.3
27580	15.7	250.5	5	137.1
27590	15.5	249.1	6	141.0
27600	17.6	247.7	8	145.0
27610	19.9	246.2	9	149.8
27620	20.3	244.6	11	155.2
27630	18.0	243.1	12	160.5
27640	14.5	241.4	14	165.3
27650	11.9	239.7	16	168.5
27660	10.7	238.0	17	171.1
27670	11.5	236.3	19	173.5
27680	12.6	234.5	21	176.2
27690	13.0	232.8	23	179.1
27700	12.2	231.0	24	181.8
27710	10.2	229.1	26	184.7
27720	8.7	227.3	28	186.6
27730	8.5	225.4	30	188.2
27740	9.2	223.5	32	189.8
27750	9.6	221.6	34	191.6
27760	9.1	219.6	36	193.5
27770	8.0	217.7	38	195.1
27780	6.2	215.7	40	196.7
27790	6.1	213.8	42	197.8
27800	5.7	211.8	44	198.6
27810	4.9	209.8	46	199.1
27820	3.3	207.8	48	199.6
27830	2.0	205.8	50	199.6
27840	1.9	203.8	52	199.4
27850	2.2	201.8	54	198.8
27860	2.7	199.8	56	198.6
27870	3.4	197.8	58	198.8
27880	5.0	195.8	60	198.6
27890	5.3	193.8	62	199.1
27900	3.9	191.8	64	199.6
27910	2.0	189.9	66	199.6
27920	1.8	187.9	68	199.6
27930	1.9	185.9	70	199.1
27940	2.3	183.9	72	198.8
27950	3.1	181.9	74	198.6
27960	3.9	179.9	76	198.6
27970	5.2	177.9	78	198.8
27980	6.0	175.9	80	199.4
27990	5.0	173.9	82	199.9
28000	3.5	171.9	84	200.7
28010	2.7	169.9	86	200.4
28020	3.4	167.9	88	200.4

28030	4.7	165.9	90	200.7
28040	5.6	163.9	92	201.2
28050	6.0	161.9	94	201.7
28060	6.0	159.8	96	203.1
28070	5.3	157.8	98	203.6
28080	5.0	155.8	100	204.4
28090	5.6	153.7	102	204.7
28100	6.4	151.7	104	205.5
28110	6.8	149.6	106	206.3
28120	6.2	147.5	108	207.6
28130	5.0	145.5	110	208.1
28140	4.1	143.4	112	208.7
28150	4.3	141.3	114	208.9
28160	5.2	139.2	116	209.2
28170	5.4	137.1	118	210.0
28180	5.2	135.0	120	210.3
28190	4.6	132.9	123	210.5
28200	3.8	130.8	125	211.1
28210	3.4	128.7	127	211.3
28220	3.0	126.6	129	211.1
28230	3.1	124.4	131	211.1
28240	3.0	122.3	133	210.8
28250	2.6	120.2	135	210.5
28260	2.3	118.1	137	210.8
28270	1.9	116.0	139	210.3
28280	1.8	113.9	142	209.7
28290	1.8	111.8	144	209.2
28300	1.6	109.7	146	208.9
28310	1.5	107.7	148	208.1
28320	0.9	105.6	150	207.9
28330	-3.5	103.5	152	206.8
28340	-7.7	101.5	154	203.9
28350	-7.1	99.4	156	200.7
28360	-2.4	97.4	158	198.6
28370	0.5	95.5	160	196.7
28380	-0.8	93.5	162	195.9
28390	-5.4	91.6	164	194.3
28400	-9.5	89.6	166	191.1
28410	-10.7	87.8	168	187.1
28420	-10.0	85.9	170	182.8
28430	-8.0	84.1	171	194.6
28440	0.8	82.6	173	154.6
28450	2.7	81.2	174	145.0
28460	11.0	80.1	175	113.6
28470	17.9	79.0	176	97.1
28480	13.3	78.1	177	90.7
28490	0.7	77.4	178	69.7
28500	-1.1	76.8	179	58.8
28510	-10.2	76.3	179	49.2
28520	-19.9	75.9	180	39.6
28530	-24.0	75.6	180	29.5
28540	-21.8	75.3	180	25.8
28550	-17.9	75.1	180	18.3
28560	-15.5	74.9	181	17.3

28570	-18.7	74.8	181	11.4
28580	-24.3	74.7	181	4.7
28590	-27.5	74.7	181	-1.5
28600	-28.6	74.7	181	-5.3
28610	-27.0	74.8	181	-12.7
28620	-26.6	75.0	180	-22.6
28630	-30.2	75.3	180	-30.3
28640	-36.6	75.6	180	-35.9
28650	-42.3	76.0	179	-41.5
28660	-43.7	76.6	179	-63.6
28670	-39.1	77.3	178	-75.8
28680	-31.6	78.1	177	-88.3
28690	-26.8	78.9	177	-96.3
28700	-26.4	79.9	176	-106.2
28710	-29.4	80.9	175	-103.0
28720	-32.7	81.9	174	-100.0
28730	-32.4	83.2	172	-132.0
28740	-29.4	84.4	171	-141.0
28750	-26.6	85.8	170	-149.8
28760	-26.8	87.2	168	-142.9
28770	-29.0	88.7	167	-150.6
28780	-30.9	90.3	165	-158.6
28790	-29.3	91.9	164	-166.9
28800	-25.1	93.6	162	-174.9
28810	-21.8	95.4	160	-180.7
28820	-21.2	97.3	158	-186.6
28830	-22.5	99.2	156	-192.2
28840	-23.9	101.2	154	-198.0
28850	-23.3	103.2	152	-204.1
28860	-20.9	105.3	150	-209.7
28870	-18.4	107.4	148	-214.8
28880	-16.4	109.6	146	-219.3
28890	-14.9	111.8	144	-222.8
28900	-15.2	114.1	141	-226.2
28910	-16.1	116.3	139	-229.4
28920	-15.7	118.7	137	-233.2
28930	-13.8	121.0	134	-236.4
28940	-12.2	123.4	132	-239.6
28950	-12.6	125.8	130	-241.7
28960	-13.6	128.3	127	-243.8
28970	-12.7	130.7	125	-247.0
28980	-10.8	133.2	122	-249.1
28990	-8.3	135.7	120	-251.3
29000	-5.0	138.2	117	-252.3
29010	-4.1	140.8	115	-252.6
29020	-5.8	143.3	112	-252.9
29030	-8.4	145.8	110	-253.4
29040	-9.1	148.4	107	-255.0
29050	-8.5	150.9	105	-256.3
29060	-7.1	153.5	102	-257.4
29070	-4.3	156.1	99	-258.5
29080	-3.0	158.7	97	-258.7
29090	-3.9	161.3	94	-258.5
29100	-6.0	163.8	92	-258.5

29110	-8.3	166.4	89	-258.7
29120	-7.9	169.0	86	-260.3
29130	-5.4	171.6	84	-261.1
29140	-2.6	174.2	81	-261.6
29150	-2.3	176.9	79	-260.8
29160	-2.4	179.5	76	-260.3
29170	-2.6	182.1	73	-259.8
29180	-2.6	184.7	71	-259.3
29190	-2.7	187.2	68	-259.3
29200	-2.8	189.8	66	-258.5
29210	-3.0	192.4	63	-257.9
29220	-3.1	195.0	60	-257.4
29230	-3.5	197.6	58	-257.4
29240	-3.8	200.1	55	-257.1
29250	-3.5	202.7	53	-257.1
29260	-3.3	205.3	50	-256.6
29270	-2.6	207.8	48	-256.6
29280	-2.2	210.4	45	-255.8
29290	-2.2	212.9	43	-255.3
29300	-2.0	215.5	40	-254.5
29310	2.0	218.0	37	-253.9
29320	10.7	220.6	35	-250.7
29330	12.6	223.0	32	-246.2
29340	8.0	225.5	30	-241.7
29350	2.3	227.9	28	-238.5
29360	-0.3	230.2	25	-236.9
29370	1.4	232.6	23	-235.8
29380	6.8	234.9	21	-233.7
29390	12.9	237.2	18	-229.4
29400	16.3	239.5	16	-224.4
29410	15.5	241.7	14	-218.3
29420	12.1	243.8	12	-213.2
29430	9.1	245.9	10	-208.9
29440	8.9	248.0	7	-205.2
29450	11.3	250.0	5	-201.2
29460	14.1	252.0	3	-196.7
29470	16.3	253.9	2	-191.1
29480	14.9	255.8	0	-200.1
29490	2.2	257.3	-2	-155.2
29500	-2.8	258.7	-3	-133.1
29510	-9.9	259.9	-4	-101.1
29520	-20.2	260.9	-5	-96.6
29530	-15.6	261.7	-6	-81.7
29540	-1.8	262.4	-7	-60.9
29550	0.7	263.0	-8	-57.2
29560	12.9	263.5	-8	-42.5
29570	28.5	263.9	-8	-37.0
29580	33.6	264.2	-9	-24.7
29590	28.2	264.5	-9	-18.6
29600	20.5	264.6	-9	-10.9
29610	15.1	264.7	-9	-7.1
29620	16.4	264.7	-9	-2.9
29630	22.5	264.7	-9	1.0
29640	30.2	264.7	-9	4.7

29650	32.0	264.6	-9	13.5
29660	27.8	264.4	-9	23.1
29670	21.4	264.1	-9	31.6
29680	18.2	263.8	-8	34.6
29690	20.2	263.4	-8	35.9
29700	25.6	262.9	-7	50.0
29710	29.6	262.5	-7	52.4
29720	29.6	261.9	-6	60.4
29730	25.9	261.2	-6	61.7
29740	20.6	260.4	-5	82.5
29750	18.7	259.7	-4	80.1
29760	20.9	258.9	-3	76.9
29770	25.2	258.0	-3	82.5
29780	28.7	257.0	-2	88.3
29790	28.9	256.0	-1	95.3
29800	25.2	254.8	1	124.8
29810	20.7	253.6	2	119.8
29820	17.8	252.4	3	125.9
29830	17.9	251.1	4	130.4
29840	20.7	249.7	6	135.5
29850	22.2	248.3	7	141.0
29860	21.6	246.9	9	146.9
29870	19.0	245.4	10	152.5
29880	16.3	243.8	12	157.3
29890	14.1	242.2	13	161.0
29900	13.8	240.6	15	164.5
29910	14.6	238.9	17	167.7
29920	15.3	237.2	18	171.4
29930	14.5	235.4	20	174.9
29940	12.2	233.7	22	178.6
29950	10.0	231.9	24	181.2
29960	8.5	230.0	25	183.4
29970	8.1	228.2	27	184.7
29980	8.7	226.3	29	186.6
29990	9.6	224.4	31	188.4
30000	9.6	222.5	33	190.6
30010	8.1	220.6	35	192.4
30020	6.8	218.7	37	193.8
30030	5.0	216.7	39	194.8
30040	4.1	214.8	41	195.4
30050	4.2	212.8	43	195.6
30060	3.9	210.9	45	195.9
30070	3.8	208.9	47	196.2
30080	3.5	207.0	48	196.2
30090	3.4	205.0	50	196.2
30100	3.7	203.0	52	196.4
30110	3.9	201.1	54	196.4
30120	3.0	199.1	56	196.4
30130	2.2	197.1	58	196.4
30140	1.8	195.2	60	196.2
30150	1.8	193.2	62	196.2
30160	1.8	191.2	64	195.6
30170	1.8	189.3	66	195.1
30180	1.8	187.3	68	195.1

30190	1.6	185.4	70	194.3
30200	1.6	183.5	72	194.0
30210	1.6	181.5	74	193.5
30220	1.5	179.6	76	193.2
30230	1.4	177.7	78	192.7
30240	0.7	175.7	80	191.9
30250	-1.2	173.8	82	190.8
30260	-1.9	171.9	84	189.8
30270	-0.1	170.0	85	188.4
30280	1.8	168.2	87	187.4
30290	2.0	166.3	89	187.4
30300	1.9	164.4	91	186.8
30310	1.9	162.6	93	186.6
30320	2.2	160.7	95	186.3
30330	3.5	158.8	97	186.3
30340	8.0	157.0	98	186.6
30350	10.6	155.1	100	187.9
30360	8.3	153.2	102	190.0
30370	3.9	151.3	104	191.6
30380	1.6	149.4	106	191.6
30390	1.8	147.4	108	191.4
30400	2.3	145.5	110	191.1
30410	3.8	143.6	112	190.6
30420	6.5	141.7	114	191.1
30430	7.7	139.8	116	191.9
30440	5.4	137.9	118	193.2
30450	2.3	135.9	120	193.5
30460	1.8	134.0	121	193.5
30470	1.9	132.1	123	193.0
30480	2.3	130.1	125	192.7
30490	2.7	128.2	127	192.7
30500	2.8	126.3	129	192.4
30510	2.6	124.4	131	192.4
30520	2.0	122.4	133	192.4
30530	1.8	120.5	135	191.6
30540	1.8	118.6	137	191.1
30550	1.6	116.7	139	191.1
30560	1.6	114.8	141	190.6
30570	1.6	112.9	143	190.6
30580	1.4	111.0	144	190.0
30590	0.7	109.1	146	189.2
30600	-3.1	107.2	148	188.2
30610	-6.8	105.3	150	186.3
30620	-7.1	103.5	152	183.1
30630	-3.3	101.7	154	180.2
30640	0.4	99.9	156	178.9
30650	0.9	98.1	157	178.3
30660	-1.1	96.3	159	177.5
30670	-5.7	94.6	161	175.7
30680	-8.5	92.8	163	172.7
30690	-8.8	91.1	164	169.3
30700	-6.6	89.5	166	166.1
30710	-5.0	87.8	168	163.7
30720	-5.7	86.2	169	161.0

30730	-8.9	84.7	171	142.1
30740	-7.5	83.2	172	129.3
30750	1.6	81.9	174	136.0
30760	1.8	80.8	175	108.8
30770	2.3	79.8	176	94.5
30780	5.3	79.0	176	82.5
30790	4.7	78.2	177	71.6
30800	-0.7	77.6	178	62.2
30810	-0.4	77.0	178	54.0
30820	-7.5	76.5	179	46.5
30830	-20.2	76.1	179	42.3
30840	-24.8	75.8	180	31.6
30850	-22.4	75.5	180	26.8
30860	-16.0	75.3	180	18.9
30870	-11.0	75.2	180	14.9
30880	-12.6	75.0	180	11.7
30890	-20.2	75.0	180	6.9
30900	-27.3	74.9	181	-0.2
30910	-32.5	75.0	180	-3.9
30920	-33.1	75.1	180	-13.8
30930	-30.8	75.3	180	-23.6
30940	-29.6	75.6	180	-33.0
30950	-31.9	75.9	180	-38.3
30960	-35.5	76.4	179	-42.3
30970	-38.2	76.9	179	-62.8
30980	-37.0	77.5	178	-67.3
30990	-32.4	78.3	177	-69.2
31000	-26.7	79.1	176	-76.9
31010	-23.5	80.1	175	-102.2
31020	-24.5	81.1	174	-108.6
31030	-28.1	82.0	173	-105.4
31040	-30.8	83.1	172	-101.6
31050	-30.9	84.3	171	-108.6
31060	-27.7	85.7	170	-129.1
31070	-24.8	87.0	168	-136.5
31080	-24.5	88.4	167	-143.4
31090	-26.4	89.9	166	-150.1
31100	-27.8	91.5	164	-157.6
31110	-27.0	93.1	162	-164.7
31120	-24.7	94.8	161	-171.7
31130	-22.4	96.6	159	-178.3
31140	-21.4	98.4	157	-183.6
31150	-21.3	100.3	155	-189.5
31160	-21.2	102.2	153	-195.1
31170	-19.8	104.2	151	-200.4
31180	-18.0	106.2	149	-204.7
31190	-16.5	108.3	147	-209.5
31200	-14.6	110.4	145	-213.2
31210	-13.0	112.6	143	-216.7
31220	-12.6	114.8	141	-219.6
31230	-13.3	117.0	138	-222.2
31240	-13.7	119.3	136	-225.4
31250	-12.7	121.5	134	-228.1
31260	-11.8	123.8	132	-230.8

31270	-12.2	126.2	129	-233.4
31280	-12.3	128.5	127	-235.8
31290	-11.7	130.9	125	-238.0
31300	-11.0	133.3	122	-240.1
31310	-9.8	135.7	120	-241.9
31320	-7.7	138.1	117	-243.5
31330	-6.4	140.6	115	-244.6
31340	-7.1	143.0	112	-245.7
31350	-8.0	145.5	110	-246.5
31360	-7.5	148.0	107	-247.8
31370	-6.5	150.5	105	-249.1
31380	-5.0	153.0	102	-249.7
31390	-3.4	155.5	100	-250.5
31400	-2.4	158.0	97	-249.9
31410	-2.7	160.5	95	-249.7
31420	-3.4	163.0	92	-249.1
31430	-5.2	165.4	90	-249.1
31440	-7.2	167.9	88	-249.4
31450	-8.4	170.4	85	-250.5
31460	-6.9	173.0	82	-251.3
31470	-3.9	175.5	80	-252.1
31480	-2.4	178.0	77	-252.1
31490	-2.3	180.5	75	-251.5
31500	-2.4	183.0	72	-251.3
31510	-2.4	185.5	70	-250.5
31520	-2.4	188.0	67	-250.5
31530	-2.3	190.5	65	-249.7
31540	-2.4	193.0	62	-249.1
31550	-2.3	195.5	60	-249.1
31560	-2.4	198.0	57	-248.3
31570	-2.4	200.5	55	-247.8
31580	-2.4	203.0	52	-247.5
31590	-2.4	205.4	50	-246.7
31600	-2.4	207.9	48	-246.2
31610	-2.3	210.4	45	-245.9
31620	-2.0	212.8	43	-245.1
31630	-1.2	215.3	40	-244.6
31640	2.0	217.7	38	-243.3
31650	3.5	220.1	35	-241.4
31660	3.3	222.5	33	-239.3
31670	1.8	224.9	31	-237.4
31680	1.8	227.3	28	-235.6
31690	3.4	229.6	26	-234.0
31700	5.8	231.9	24	-231.6
31710	7.9	234.2	21	-228.4
31720	9.4	236.5	19	-224.9
31730	9.1	238.7	17	-220.9
31740	8.4	240.9	15	-217.5
31750	8.7	243.0	12	-213.7
31760	10.7	245.1	10	-209.7
31770	14.4	247.2	8	-205.2
31780	18.3	249.2	6	-199.6
31790	21.2	251.2	4	-193.0
31800	22.5	253.0	2	-185.5

31810	22.5	254.8	1	-160.2
31820	16.0	256.4	-1	-141.6
31830	2.4	257.8	-2	-136.3
31840	-1.9	259.0	-4	-106.2
31850	-0.9	260.1	-5	-101.4
31860	-0.4	261.0	-6	-77.7
31870	9.9	261.8	-6	-80.6
31880	24.5	262.4	-7	-60.4
31890	35.0	262.9	-7	-54.0
31900	38.0	263.3	-8	-39.1
31910	33.8	263.7	-8	-31.4
31920	26.0	263.9	-8	-19.9
31930	19.8	264.0	-9	-13.8
31940	19.0	264.1	-9	-7.4
31950	23.1	264.2	-9	-2.3
31960	29.6	264.2	-9	0.7
31970	35.4	264.1	-9	7.7
31980	34.6	264.0	-9	15.9
31990	29.4	263.7	-8	24.4
32000	24.1	263.4	-8	31.6
32010	22.0	262.9	-7	46.0
32020	24.0	262.5	-7	52.9
32030	28.2	261.9	-6	60.4
32040	31.1	261.4	-6	62.5
32050	30.6	260.7	-5	63.8
32060	27.0	259.9	-4	87.0
32070	23.2	259.1	-4	85.9
32080	21.3	258.2	-3	83.0
32090	22.1	257.2	-2	107.5
32100	24.4	256.1	-1	114.2
32110	25.9	255.0	0	121.3
32120	24.7	253.9	2	117.1
32130	21.4	252.7	3	124.0
32140	18.0	251.4	4	129.9
32150	17.0	250.0	5	134.4
32160	18.0	248.7	7	138.9
32170	20.9	247.2	8	143.7
32180	22.2	245.8	10	149.0
32190	21.0	244.2	11	155.4
32200	17.9	242.6	13	160.2
32210	14.9	241.0	14	164.7
32220	13.0	239.3	16	168.5
32230	12.5	237.6	18	171.4
32240	13.6	235.9	20	174.9
32250	13.6	234.1	21	177.8
32260	12.9	232.3	23	181.2
32270	11.4	230.5	25	183.9
32280	9.8	228.6	27	186.8
32290	8.9	226.7	29	188.7
32300	9.5	224.8	31	190.3
32310	10.7	222.9	33	192.4
32320	10.2	221.0	34	194.6
32330	9.2	219.0	36	196.4
32340	7.3	217.0	38	198.3

32350	5.6	215.0	40	199.4
32360	5.7	213.0	42	200.1
32370	6.0	211.0	44	200.7
32380	6.5	209.0	46	201.5
32390	6.6	207.0	48	202.5
32400	6.8	204.9	51	203.3
32410	6.4	202.9	53	204.4
32420	4.6	200.9	55	205.2
32430	1.8	198.8	57	205.5
32440	1.6	196.8	59	204.9
32450	1.6	194.7	61	204.4
32460	1.8	192.7	63	204.1
32470	1.9	190.6	65	203.6
32480	2.2	188.6	67	203.3
32490	3.1	186.6	69	203.1
32500	6.6	184.5	71	203.1
32510	9.2	182.5	73	204.4
32520	6.6	180.4	75	205.7
32530	3.0	178.4	77	206.8
32540	2.0	176.3	79	206.8
32550	2.6	174.2	81	206.3
32560	4.9	172.2	83	206.5
32570	6.8	170.1	85	206.8
32580	7.7	168.0	87	208.1
32590	6.1	165.9	90	209.2
32600	3.9	163.8	92	210.3
32610	3.0	161.7	94	210.3
32620	3.9	159.6	96	210.3
32630	5.6	157.5	98	210.5
32640	6.8	155.4	100	211.1
32650	6.5	153.3	102	211.9
32660	5.4	151.2	104	212.9
32670	4.2	149.0	106	213.5
32680	4.3	146.9	109	213.2
32690	5.0	144.8	111	213.5
32700	6.5	142.6	113	214.3
32710	7.3	140.5	115	215.3
32720	6.5	138.3	117	216.4
32730	5.0	136.1	119	217.2
32740	4.3	134.0	121	218.0
32750	4.1	131.8	124	218.5
32760	4.5	129.6	126	218.5
32770	4.7	127.4	128	219.1
32780	4.3	125.2	130	219.1
32790	4.1	123.0	132	219.3
32800	3.3	120.8	135	219.3
32810	2.7	118.6	137	219.1
32820	2.6	116.4	139	219.1
32830	2.6	114.2	141	218.8
32840	2.3	112.1	143	218.5
32850	2.0	109.9	146	218.0
32860	1.8	107.7	148	217.7
32870	1.8	105.5	150	217.2
32880	1.5	103.4	152	216.7

32890	0.7	101.2	154	216.1
32900	-5.0	99.0	156	214.3
32910	-9.6	96.9	159	211.6
32920	-9.1	94.8	161	207.6
32930	-5.7	92.8	163	204.4
32940	-3.4	90.8	165	202.0
32950	-3.8	88.7	167	200.1
32960	-8.3	86.8	169	197.5
32970	-13.7	84.9	171	174.3
32980	-11.4	83.1	172	156.2
32990	2.8	81.6	174	148.0
33000	11.0	80.2	175	112.6
33010	25.6	79.1	176	106.7
33020	23.9	78.2	177	90.5
33030	12.3	77.4	178	75.6
33040	-0.1	76.7	179	68.1
33050	-3.0	76.2	179	52.1
33060	-14.1	75.7	180	42.8
33070	-17.0	75.4	180	34.6
33080	-16.8	75.1	180	25.8
33090	-12.7	74.8	181	26.3
33100	-12.3	74.6	181	20.2
33110	-14.6	74.4	181	14.3
33120	-20.1	74.3	181	11.9
33130	-23.1	74.3	181	4.7
33140	-24.1	74.3	181	-1.5
33150	-25.8	74.3	181	-5.3
33160	-28.1	74.4	181	-11.9
33170	-32.3	74.6	181	-19.9
33180	-36.7	74.8	181	-28.4
33190	-41.0	75.2	180	-34.8
33200	-42.6	75.7	180	-54.8
33210	-40.5	76.2	179	-61.2
33220	-35.9	76.9	179	-64.9
33230	-31.1	77.7	178	-75.0
33240	-28.7	78.6	177	-81.1
33250	-28.7	79.6	176	-107.5
33260	-29.6	80.6	175	-105.4
33270	-29.6	81.7	174	-101.6
33280	-28.5	82.9	173	-108.8
33290	-27.4	84.2	171	-115.2
33300	-27.7	85.6	170	-136.0
33310	-29.0	87.0	168	-143.2
33320	-30.1	88.5	167	-151.2
33330	-29.0	90.1	165	-159.4
33340	-26.2	91.7	164	-167.1
33350	-22.8	93.4	162	-174.1
33360	-21.7	95.2	160	-179.7
33370	-22.9	97.1	158	-185.5
33380	-24.4	99.0	156	-191.6
33390	-23.9	100.9	155	-197.8
33400	-21.0	102.9	153	-203.6
33410	-18.0	105.0	150	-208.9
33420	-17.0	107.1	148	-213.2

33430	-17.0	109.3	146	-216.9
33440	-16.5	111.5	144	-220.9
33450	-16.0	113.7	142	-224.9
33460	-15.2	116.0	139	-228.4
33470	-13.8	118.3	137	-231.6
33480	-12.2	120.7	135	-234.2
33490	-11.8	123.0	132	-236.6
33500	-13.2	125.4	130	-239.0
33510	-13.8	127.8	128	-241.7
33520	-12.3	130.3	125	-244.6
33530	-9.6	132.7	123	-247.0
33540	-7.5	135.2	120	-248.6
33550	-5.6	137.7	118	-249.4
33560	-5.3	140.2	115	-250.2
33570	-7.1	142.7	113	-251.0
33580	-9.8	145.2	110	-252.1
33590	-9.5	147.8	108	-253.7
33600	-7.9	150.3	105	-255.5
33610	-5.6	152.9	103	-256.6
33620	-3.7	155.4	100	-257.1
33630	-2.7	158.0	97	-256.9
33640	-3.3	160.6	95	-256.6
33650	-4.7	163.2	92	-256.3
33660	-6.6	165.7	90	-256.9
33670	-7.1	168.3	87	-257.7
33680	-6.1	170.9	85	-258.2
33690	-3.8	173.5	82	-258.5
33700	-3.0	176.0	79	-257.9
33710	-3.0	178.6	77	-258.2
33720	-3.4	181.2	74	-257.4
33730	-4.1	183.8	72	-257.4
33740	-4.9	186.3	69	-257.4
33750	-4.2	188.9	67	-257.7
33760	-2.4	191.5	64	-257.4
33770	-2.2	194.1	61	-257.1
33780	-2.3	196.6	59	-256.3
33790	-2.4	199.2	56	-255.8
33800	-2.4	201.8	54	-255.3
33810	-2.4	204.3	51	-254.7
33820	-2.2	206.9	49	-254.5
33830	-1.6	209.4	46	-253.7
33840	0.9	211.9	44	-252.6
33850	2.6	214.4	41	-251.0
33860	3.1	216.9	39	-249.1
33870	2.3	219.4	36	-247.0
33880	2.0	221.9	34	-245.1
33890	3.1	224.3	31	-243.3
33900	4.9	226.7	29	-240.9
33910	6.0	229.1	26	-238.0
33920	5.8	231.5	24	-235.3
33930	5.3	233.8	22	-232.1
33940	5.7	236.1	19	-229.7
33950	7.1	238.4	17	-226.8
33960	9.4	240.6	15	-223.3

33970	11.8	242.8	13	-219.1
33980	14.1	245.0	10	-213.7
33990	15.2	247.1	8	-208.7
34000	14.6	249.1	6	-203.3
34010	12.6	251.1	4	-198.0
34020	12.1	253.1	2	-193.8
34030	12.7	254.9	1	-170.3
34040	6.6	256.6	-1	-150.9
34050	-2.8	258.1	-3	-143.7
34060	-5.4	259.4	-4	-109.1
34070	-22.6	260.5	-5	-104.3
34080	-26.4	261.4	-6	-89.1
34090	-18.6	262.2	-7	-82.2
34100	-3.1	262.9	-7	-62.2
34110	0.8	263.4	-8	-56.7
34120	12.3	263.8	-8	-42.8
34130	29.7	264.2	-9	-35.9
34140	35.7	264.5	-9	-23.4
34150	31.1	264.6	-9	-15.1
34160	22.9	264.7	-9	-6.6
34170	15.1	264.7	-9	-1.5
34180	15.3	264.7	-9	0.0
34190	21.4	264.7	-9	3.7
34200	27.5	264.6	-9	9.0
34210	31.7	264.5	-9	14.6
34220	31.3	264.3	-9	25.5
34230	28.1	263.9	-8	30.6
34240	25.1	263.5	-8	45.7
34250	25.0	263.1	-8	48.4
34260	27.4	262.5	-7	49.7
34270	29.8	261.9	-6	69.4
34280	30.1	261.2	-6	78.2
34290	27.5	260.5	-5	79.0
34300	24.4	259.6	-4	77.7
34310	22.1	258.7	-3	102.2
34320	22.2	257.7	-2	108.6
34330	24.0	256.7	-1	115.2
34340	26.4	255.6	0	122.4
34350	27.3	254.4	1	130.1
34360	24.8	253.2	2	125.3
34370	21.0	251.8	4	132.3
34380	17.9	250.5	5	137.9
34390	16.4	249.1	6	142.4
34400	17.2	247.6	8	146.6
34410	18.4	246.1	9	151.2
34420	19.0	244.6	11	156.0
34430	17.9	243.0	12	160.7
34440	15.9	241.3	14	165.5
34450	14.0	239.6	16	169.3
34460	12.6	237.9	18	172.5
34470	12.3	236.2	19	175.4
34480	12.2	234.4	21	178.3
34490	12.1	232.6	23	181.0
34500	11.1	230.8	25	183.6

34510	9.2	228.9	27	186.0
34520	8.0	227.0	28	188.2
34530	7.9	225.1	30	189.2
34540	8.7	223.2	32	190.8
34550	8.7	221.3	34	192.2
34560	7.9	219.4	36	193.8
34570	6.5	217.4	38	195.1
34580	5.4	215.5	40	195.9
34590	5.4	213.5	42	196.7
34600	5.3	211.5	44	197.5
34610	5.2	209.6	46	198.0
34620	5.3	207.6	48	198.6
34630	5.6	205.6	50	199.4
34640	5.2	203.6	52	199.9
34650	4.1	201.6	54	200.7
34660	2.2	199.6	56	200.7
34670	1.8	197.6	58	200.4
34680	1.8	195.6	60	199.9
34690	1.9	193.6	62	199.6
34700	2.4	191.6	64	199.4
34710	3.7	189.6	66	199.4
34720	6.4	187.6	68	199.4
34730	7.3	185.6	70	200.4
34740	5.7	183.6	72	201.5
34750	3.4	181.5	74	202.0
34760	2.0	179.5	76	202.0
34770	2.6	177.5	78	201.7
34780	4.2	175.5	80	201.5
34790	6.5	173.5	82	201.7
34800	6.9	171.4	84	202.8
34810	5.4	169.4	86	203.3
34820	3.5	167.4	88	204.1
34830	3.0	165.3	90	203.9
34840	3.8	163.3	92	204.1
34850	5.4	161.2	94	204.7
34860	6.8	159.2	96	205.2
34870	6.2	157.1	98	206.3
34880	5.3	155.1	100	207.1
34890	4.3	153.0	102	207.6
34900	4.5	150.9	105	208.1
34910	5.4	148.8	107	208.4
34920	6.5	146.7	109	209.2
34930	6.1	144.6	111	209.7
34940	5.3	142.5	113	210.8
34950	4.1	140.4	115	211.1
34960	3.3	138.3	117	211.3
34970	3.4	136.2	119	211.3
34980	4.3	134.1	121	211.3
34990	5.0	132.0	123	211.9
35000	4.6	129.8	126	212.1
35010	3.3	127.7	128	212.4
35020	1.9	125.6	130	212.1
35030	1.9	123.5	132	212.1
35040	1.8	121.4	134	211.1

35050	1.8	119.2	136	210.8
35060	1.8	117.1	138	210.8
35070	1.8	115.0	140	210.3
35080	1.6	112.9	143	209.5
35090	1.2	110.8	145	209.2
35100	-2.8	108.8	147	208.1
35110	-7.5	106.7	149	205.7
35120	-8.0	104.7	151	202.5
35130	-5.4	102.7	153	199.6
35140	-2.0	100.7	155	197.5
35150	-0.7	98.7	157	196.2
35160	-2.0	96.8	159	194.8
35170	-6.4	94.8	161	193.0
35180	-10.2	92.9	163	189.8
35190	-11.1	91.1	164	185.8
35200	-8.8	89.2	166	181.5
35210	-6.8	87.4	168	178.3
35220	-7.9	85.7	170	175.4
35230	-10.2	84.0	171	185.0
35240	-4.2	82.5	173	145.8
35250	1.8	81.2	174	138.4
35260	1.8	80.1	175	108.8
35270	4.7	79.1	176	93.4
35280	5.2	78.3	177	80.3
35290	0.1	77.5	178	75.6
35300	-0.5	77.0	178	52.7
35310	-5.3	76.4	179	50.3
35320	-19.4	76.0	179	40.9
35330	-27.4	75.6	180	36.2
35340	-27.4	75.4	180	25.2
35350	-20.9	75.2	180	17.8
35360	-15.3	75.0	180	14.1
35370	-16.3	75.0	180	8.2
35380	-24.4	74.9	181	2.6
35390	-34.3	74.9	181	-2.3
35400	-39.9	75.0	180	-10.3
35410	-38.5	75.2	180	-18.6
35420	-33.8	75.5	180	-27.9
35430	-31.1	75.8	180	-36.2
35440	-33.9	76.3	179	-44.4
35450	-39.7	76.9	179	-64.6
35460	-42.2	77.5	178	-62.5
35470	-39.1	78.4	177	-88.6
35480	-31.9	79.2	176	-90.5
35490	-24.5	80.2	175	-89.1
35500	-22.1	81.2	174	-96.3
35510	-25.2	82.3	173	-100.0
35520	-30.6	83.5	172	-129.9
35530	-33.6	84.8	171	-138.9
35540	-31.7	86.1	169	-137.3
35550	-27.0	87.5	168	-144.0
35560	-24.1	89.0	166	-150.9
35570	-24.4	90.6	165	-157.8
35580	-26.4	92.2	163	-164.2

35590	-28.1	93.9	162	-171.4
35600	-27.3	95.7	160	-178.9
35610	-24.5	97.5	158	-185.8
35620	-21.3	99.4	156	-191.9
35630	-19.1	101.4	154	-197.5
35640	-19.1	103.4	152	-202.0
35650	-21.0	105.4	150	-206.8
35660	-22.2	107.5	148	-212.4
35670	-20.6	109.7	146	-217.5
35680	-15.9	111.9	144	-222.5
35690	-12.1	114.2	141	-226.2
35700	-10.6	116.5	139	-228.4
35710	-11.7	118.8	137	-230.5
35720	-13.0	121.1	134	-232.6
35730	-13.7	123.4	132	-235.6
35740	-13.3	125.8	130	-238.2
35750	-11.3	128.2	127	-240.9
35760	-8.3	130.6	125	-242.7
35770	-6.8	133.1	122	-243.8
35780	-7.5	135.5	120	-244.6
35790	-8.0	138.0	117	-245.9
35800	-8.0	140.4	115	-247.3
35810	-8.1	142.9	113	-248.6
35820	-7.9	145.4	110	-249.7
35830	-6.5	147.9	108	-251.0
35840	-6.2	150.4	105	-251.8
35850	-6.8	153.0	102	-252.6
35860	-7.2	155.5	100	-253.7
35870	-5.8	158.0	97	-254.7
35880	-5.2	160.6	95	-255.3
35890	-6.0	163.1	92	-255.5
35900	-6.6	165.7	90	-256.3
35910	-6.8	168.3	87	-256.9
35920	-6.4	170.8	85	-257.7
35930	-4.9	173.4	82	-258.2
35940	-3.7	176.0	79	-258.5
35950	-3.3	178.6	77	-258.5
35960	-3.7	181.2	74	-257.7
35970	-4.2	183.8	72	-257.7
35980	-5.3	186.3	69	-257.7
35990	-5.3	188.9	67	-258.5
36000	-3.9	191.5	64	-258.2
36010	-2.7	194.1	61	-258.5
36020	-2.6	196.7	59	-257.9
36030	-2.6	199.2	56	-257.4
36040	-2.6	201.8	54	-256.9
36050	-2.7	204.4	51	-256.3
36060	-2.6	206.9	49	-255.8
36070	-2.6	209.5	46	-255.5
36080	-2.3	212.0	43	-255.0
36090	-2.4	214.6	41	-254.5
36100	-2.3	217.1	38	-254.2
36110	-2.3	219.7	36	-253.4
36120	-2.0	222.2	33	-252.9

36130	0.4	224.7	31	-252.3
36140	8.1	227.2	28	-249.9
36150	13.2	229.7	26	-245.4
36160	12.2	232.1	23	-240.6
36170	8.8	234.5	21	-235.8
36180	6.8	236.8	19	-232.4
36190	7.6	239.1	16	-229.2
36200	10.6	241.4	14	-225.2
36210	14.2	243.6	12	-220.9
36220	16.4	245.8	10	-215.3
36230	17.1	247.9	8	-208.9
36240	16.8	249.9	6	-202.8
36250	17.1	251.9	4	-197.0
36260	19.7	253.8	2	-190.8
36270	22.8	255.7	0	-199.4
36280	16.4	257.2	-2	-154.1
36290	3.5	258.6	-3	-145.3
36300	-1.8	259.7	-4	-113.9
36310	-0.9	260.8	-5	-96.6
36320	0.4	261.7	-6	-89.7
36330	10.0	262.3	-7	-68.1
36340	21.4	262.9	-7	-61.4
36350	28.1	263.4	-8	-46.0
36360	29.8	263.8	-8	-33.2
36370	28.3	264.1	-9	-28.4
36380	26.0	264.3	-9	-18.9
36390	24.8	264.5	-9	-13.5
36400	26.2	264.6	-9	-5.8
36410	29.4	264.6	-9	1.0
36420	34.2	264.6	-9	4.2
36430	35.1	264.5	-9	13.0
36440	32.1	264.3	-9	19.9
36450	27.4	264.0	-9	27.9
36460	24.0	263.6	-8	42.3
36470	24.0	263.1	-8	49.5
36480	26.6	262.6	-7	57.2
36490	28.7	262.1	-7	59.1
36500	29.6	261.4	-6	60.4
36510	27.9	260.7	-5	67.8
36520	25.0	259.9	-4	90.7
36530	22.9	259.0	-4	89.1
36540	23.2	258.1	-3	85.7
36550	24.8	257.1	-2	91.3
36560	26.6	256.0	-1	97.4
36570	26.3	254.9	1	103.8
36580	23.6	253.6	2	121.9
36590	19.9	252.4	3	128.5
36600	18.0	251.0	4	133.9
36610	18.4	249.7	6	138.7
36620	19.7	248.2	7	143.4
36630	20.3	246.8	9	148.8
36640	19.9	245.2	10	154.1
36650	17.6	243.7	12	159.2
36660	15.6	242.0	13	163.4

36670	14.0	240.4	15	167.1
36680	12.9	238.7	17	170.3
36690	12.6	236.9	19	173.8
36700	12.2	235.2	20	176.5
36710	11.5	233.4	22	178.9
36720	10.8	231.6	24	181.5
36730	9.9	229.8	26	183.9
36740	8.7	227.9	28	186.0
36750	7.9	226.0	29	187.6
36760	8.3	224.1	31	189.0
36770	8.7	222.2	33	190.8
36780	8.7	220.3	35	192.7
36790	8.1	218.4	37	194.0
36800	6.8	216.4	39	195.4
36810	6.5	214.5	41	197.0
36820	6.6	212.5	43	197.8
36830	6.1	210.5	45	198.8
36840	4.6	208.5	47	199.6
36850	3.1	206.5	49	199.9
36860	2.7	204.5	51	199.9
36870	3.5	202.5	53	199.9
36880	4.5	200.5	55	199.9
36890	4.6	198.5	57	200.1
36900	4.3	196.5	59	200.7
36910	3.9	194.5	61	200.9
36920	3.1	192.5	63	201.2
36930	2.6	190.5	65	201.5
36940	3.0	188.4	67	200.9
36950	4.7	186.4	69	201.2
36960	6.8	184.4	71	201.5
36970	7.9	182.4	73	203.1
36980	6.2	180.4	75	203.9
36990	5.2	178.3	77	204.9
37000	5.0	176.3	79	205.5
37010	5.7	174.2	81	206.0
37020	6.0	172.1	83	207.1
37030	5.3	170.0	85	207.9
37040	5.2	168.0	87	208.7
37050	5.3	165.9	90	209.2
37060	5.4	163.8	92	209.7
37070	6.2	161.7	94	210.3
37080	7.5	159.6	96	211.6
37090	7.9	157.4	98	212.9
37100	8.4	155.3	100	214.0
37110	8.5	153.1	102	215.3
37120	9.1	151.0	104	216.7
37130	9.1	148.8	107	218.3
37140	9.2	146.6	109	220.1
37150	8.4	144.4	111	221.7
37160	7.9	142.2	113	222.5
37170	7.3	139.9	116	224.1
37180	7.2	137.7	118	224.9
37190	6.8	135.4	120	226.0
37200	6.8	133.2	122	227.0

37210	5.7	130.9	125	227.8
37220	4.6	128.6	127	228.9
37230	3.1	126.3	129	229.2
37240	2.7	124.0	131	228.9
37250	2.6	121.7	134	228.6
37260	2.7	119.4	136	228.4
37270	2.6	117.2	138	228.1
37280	2.2	114.9	141	227.8
37290	1.9	112.6	143	227.3
37300	1.8	110.3	145	227.0
37310	1.6	108.1	147	226.2
37320	1.1	105.8	150	226.0
37330	-5.4	103.5	152	224.6
37340	-13.4	101.3	154	220.9
37350	-14.6	99.2	156	215.9
37360	-9.5	97.0	158	211.1
37370	-4.7	94.9	161	207.9
37380	-5.8	92.9	163	205.2
37390	-11.4	90.9	165	202.0
37400	-17.9	88.9	167	197.0
37410	-20.6	87.0	168	190.3
37420	-20.1	85.2	170	165.3
37430	-13.0	83.5	172	150.4
37440	2.7	81.9	174	158.6
37450	4.7	80.7	175	124.0
37460	16.3	79.5	176	116.6
37470	14.4	78.6	177	90.7
37480	5.0	77.8	178	77.2
37490	-0.8	77.1	178	64.4
37500	-11.3	76.6	179	53.7
37510	-27.3	76.1	179	38.6
37520	-31.9	75.7	180	34.6
37530	-27.4	75.5	180	23.9
37540	-21.3	75.2	180	19.9
37550	-19.7	75.1	180	13.5
37560	-24.0	75.0	180	10.1
37570	-28.9	74.9	181	2.1
37580	-31.3	74.9	181	-2.3
37590	-30.0	75.0	180	-9.0
37600	-25.2	75.2	180	-16.2
37610	-22.4	75.4	180	-22.3
37620	-25.0	75.7	180	-27.6
37630	-33.1	76.1	179	-41.7
37640	-38.6	76.5	179	-47.1
37650	-39.7	77.1	178	-52.4
37660	-35.3	77.8	178	-75.8
37670	-28.9	78.5	177	-78.0
37680	-24.5	79.3	176	-85.7
37690	-25.0	80.2	175	-83.3
37700	-28.6	81.3	174	-109.1
37710	-31.9	82.2	173	-106.7
37720	-32.4	83.4	172	-103.8
37730	-30.4	84.6	171	-111.5
37740	-27.8	86.0	169	-132.0

37750	-27.9	87.3	168	-139.2
37760	-30.0	88.8	167	-147.2
37770	-32.0	90.3	165	-155.2
37780	-30.5	91.9	164	-163.9
37790	-26.0	93.6	162	-172.2
37800	-22.4	95.4	160	-178.6
37810	-21.2	97.2	158	-184.4
37820	-22.5	99.1	156	-190.0
37830	-24.0	101.1	154	-195.6
37840	-23.6	103.1	152	-201.7
37850	-21.0	105.1	150	-207.9
37860	-18.6	107.2	148	-212.7
37870	-16.1	109.4	146	-217.2
37880	-14.6	111.6	144	-220.6
37890	-15.1	113.8	142	-224.1
37900	-15.9	116.1	139	-227.3
37910	-15.3	118.4	137	-230.8
37920	-13.3	120.7	135	-234.0
37930	-11.7	123.1	132	-236.6
37940	-11.9	125.5	130	-238.5
37950	-12.6	127.9	128	-241.1
37960	-12.1	130.3	125	-243.5
37970	-10.6	132.8	123	-246.2
37980	-8.4	135.2	120	-247.8
37990	-5.7	137.7	118	-249.7
38000	-3.9	140.2	115	-249.9
38010	-4.7	142.7	113	-250.2
38020	-7.2	145.3	110	-250.7
38030	-7.9	147.8	108	-251.8
38040	-7.6	150.3	105	-252.9
38050	-5.8	152.8	103	-253.9
38060	-3.7	155.4	100	-254.7
38070	-2.4	157.9	98	-254.5
38080	-2.8	160.5	95	-253.9
38090	-3.7	163.0	92	-253.4
38100	-5.4	165.5	90	-253.7
38110	-6.5	168.1	87	-253.9
38120	-6.5	170.6	85	-254.5
38130	-4.9	173.2	82	-255.0
38140	-3.1	175.7	80	-255.0
38150	-2.7	178.3	77	-254.7
38160	-3.1	180.8	75	-254.2
38170	-3.8	183.3	72	-253.9
38180	-5.3	185.9	70	-253.9
38190	-6.6	188.4	67	-254.5
38200	-5.6	191.0	64	-254.7
38210	-3.5	193.5	62	-255.0
38220	-2.6	196.1	59	-254.7
38230	-2.6	198.6	57	-254.5
38240	-2.7	201.2	54	-253.9
38250	-2.7	203.7	52	-253.4
38260	-2.7	206.2	49	-252.9
38270	-2.4	208.7	47	-252.6
38280	-2.2	211.3	44	-252.1

38290	-2.2	213.8	42	-251.5
38300	-2.2	216.3	39	-251.0
38310	-0.8	218.8	37	-250.2
38320	6.0	221.3	34	-248.6
38330	11.0	223.8	32	-244.9
38340	10.7	226.2	29	-240.3
38350	6.4	228.5	27	-236.4
38360	2.3	230.9	25	-233.7
38370	2.2	233.2	22	-231.8
38380	6.4	235.5	20	-229.7
38390	11.4	237.8	18	-226.0
38400	13.8	240.0	15	-221.4
38410	13.3	242.2	13	-216.1
38420	11.0	244.3	11	-211.1
38430	9.8	246.4	9	-207.1
38440	11.8	248.4	7	-203.1
38450	15.6	250.4	5	-198.0
38460	20.3	252.4	3	-191.9
38470	24.1	254.2	1	-184.7
38480	23.1	255.9	0	-153.6
38490	9.8	257.5	-2	-159.2
38500	-2.4	258.7	-3	-126.4
38510	-1.6	259.8	-4	-108.3
38520	-1.4	260.8	-5	-82.7
38530	-0.4	261.7	-6	-86.2
38540	0.0	262.3	-7	-66.8
38550	13.4	262.9	-7	-61.7
38560	31.6	263.4	-8	-44.9
38570	41.1	263.8	-8	-34.0
38580	41.6	264.0	-9	-22.0
38590	33.9	264.1	-9	-9.8
38600	23.3	264.2	-9	-2.9
38610	19.1	264.2	-9	0.5
38620	23.9	264.2	-9	2.6
38630	30.8	264.1	-9	9.3
38640	34.8	263.9	-8	16.7
38650	33.6	263.7	-8	25.2
38660	27.5	263.3	-8	40.9
38670	22.4	262.9	-7	44.7
38680	20.7	262.4	-7	45.7
38690	23.9	261.8	-6	62.5
38700	28.1	261.2	-6	63.3
38710	30.5	260.5	-5	63.8
38720	28.9	259.8	-4	71.3
38730	24.4	258.9	-3	95.5
38740	20.1	258.0	-3	93.1
38750	18.2	257.0	-2	88.3
38760	20.1	256.0	-1	92.9
38770	23.3	255.0	0	97.7
38780	25.6	253.8	2	115.0
38790	24.5	252.6	3	121.9
38800	20.7	251.3	4	128.5
38810	17.0	250.0	5	133.6
38820	15.9	248.6	7	138.4

38830	16.8	247.2	8	142.1
38840	19.3	245.7	10	146.9
38850	21.0	244.2	11	152.0
38860	20.3	242.7	13	157.0
38870	17.1	241.1	14	162.3
38880	13.3	239.4	16	166.6
38890	11.1	237.7	18	169.5
38900	11.1	236.0	19	172.2
38910	12.2	234.2	21	174.9
38920	13.6	232.5	23	177.8
38930	12.7	230.7	25	181.0
38940	10.0	228.8	27	183.6
38950	7.9	227.0	28	185.8
38960	6.5	225.1	30	186.8
38970	7.1	223.2	32	188.2
38980	7.9	221.4	34	189.2
38990	8.5	219.5	36	190.8
39000	8.4	217.5	38	192.2
39010	7.3	215.6	40	193.8
39020	6.6	213.7	42	195.1
39030	5.4	211.7	44	195.9
39040	4.5	209.7	46	196.4
39050	4.1	207.8	48	197.0
39060	4.1	205.8	50	197.2
39070	4.2	203.8	52	197.5
39080	3.9	201.8	54	197.8
39090	3.3	199.9	56	198.0
39100	2.6	197.9	58	198.0
39110	2.8	195.9	60	197.8
39120	3.9	193.9	62	197.8
39130	5.2	191.9	64	198.0
39140	5.7	190.0	65	198.8
39150	4.9	188.0	67	199.6
39160	4.6	186.0	69	199.9
39170	4.6	184.0	71	200.4
39180	4.3	182.0	73	200.9
39190	3.5	179.9	76	201.2
39200	4.2	177.9	78	201.2
39210	6.2	175.9	80	201.5
39220	6.9	173.9	82	202.3
39230	6.2	171.9	84	203.6
39240	4.3	169.8	86	204.1
39250	3.3	167.8	88	204.4
39260	3.7	165.7	90	204.7
39270	4.9	163.7	92	205.2
39280	6.8	161.6	94	205.5
39290	8.1	159.6	96	206.8
39300	7.3	157.5	98	208.1
39310	6.1	155.4	100	209.2
39320	5.0	153.3	102	210.0
39330	5.3	151.2	104	210.3
39340	6.2	149.1	106	211.1
39350	7.5	147.0	108	211.9
39360	7.1	144.8	111	212.9

39370	6.5	142.7	113	214.0
39380	5.6	140.5	115	214.8
39390	5.0	138.4	117	215.9
39400	5.2	136.2	119	216.4
39410	6.2	134.1	121	216.9
39420	6.8	131.9	124	217.7
39430	6.1	129.7	126	218.8
39440	4.6	127.5	128	219.3
39450	3.3	125.3	130	219.9
39460	3.1	123.1	132	219.6
39470	3.3	120.9	135	219.3
39480	3.5	118.7	137	219.3
39490	3.4	116.5	139	219.3
39500	3.0	114.3	141	219.3
39510	2.0	112.1	143	219.1
39520	1.8	110.0	145	218.5
39530	1.8	107.8	148	218.3
39540	1.5	105.6	150	218.0
39550	0.4	103.4	152	216.9
39560	-5.8	101.3	154	215.3
39570	-10.3	99.1	156	211.9
39580	-9.1	97.0	158	207.9
39590	-3.9	95.0	160	204.9
39600	-1.6	92.9	163	202.8
39610	-3.0	90.9	165	201.2
39620	-7.2	88.9	167	199.1
39630	-11.5	87.0	168	195.6
39640	-13.8	85.0	170	191.1
39650	-8.7	83.3	172	175.1
39660	2.6	81.8	174	133.9
39670	11.9	80.4	175	127.2
39680	25.6	79.3	176	108.0
39690	22.1	78.3	177	91.0
39700	8.0	77.6	178	77.2
39710	-0.8	76.9	179	63.6
39720	-10.4	76.3	179	53.2
39730	-22.9	75.9	180	46.8
39740	-25.6	75.5	180	35.1
39750	-24.4	75.2	180	31.4
39760	-20.5	75.0	180	22.6
39770	-19.5	74.8	181	15.1
39780	-23.9	74.6	181	11.9
39790	-30.2	74.6	181	3.1
39800	-35.0	74.6	181	-2.9
39810	-36.6	74.7	181	-11.7
39820	-32.8	74.9	181	-22.3
39830	-28.9	75.2	180	-32.2
39840	-30.4	75.5	180	-40.9
39850	-37.3	75.9	180	-46.0
39860	-44.5	76.5	179	-51.1
39870	-46.8	77.2	178	-76.4
39880	-42.6	77.9	178	-81.4
39890	-33.6	78.8	177	-92.9
39900	-26.6	79.8	176	-91.5

39910	-25.0	80.9	175	-97.9
39920	-28.7	82.1	173	-126.9
39930	-32.3	83.2	172	-122.9
39940	-32.8	84.5	171	-118.2
39950	-29.3	86.0	169	-140.0
39960	-25.4	87.4	168	-147.7
39970	-24.7	89.0	166	-154.6
39980	-26.8	90.6	165	-161.5
39990	-30.0	92.2	163	-168.5
40000	-30.0	94.0	161	-177.0
40010	-26.7	95.8	160	-184.4
40020	-22.2	97.7	158	-191.1
40030	-18.8	99.7	156	-196.7
40040	-18.4	101.7	154	-201.5
40050	-19.9	103.7	152	-206.0
40060	-22.1	105.8	150	-211.1
40070	-22.5	108.0	147	-216.9
40080	-19.3	110.2	145	-222.2
40090	-14.2	112.4	143	-226.5
40100	-11.4	114.7	141	-230.0
40110	-11.7	117.0	138	-232.1
40120	-13.3	119.4	136	-234.8
40130	-14.4	121.7	134	-237.4
40140	-14.6	124.1	131	-240.6
40150	-14.2	126.6	129	-244.1
40160	-13.2	129.0	126	-247.0
40170	-11.1	131.5	124	-249.4
40180	-11.1	134.0	121	-251.0
40190	-10.6	136.6	119	-253.4
40200	-9.2	139.1	116	-255.0
40210	-8.1	141.7	114	-256.1
40220	-8.5	144.2	111	-257.4
40230	-8.8	146.8	109	-258.7
40240	-8.0	149.4	106	-259.8
40250	-8.4	152.0	103	-260.6
40260	-8.3	154.6	101	-261.9
40270	-6.2	157.3	98	-262.7
40280	-5.0	159.9	96	-263.0
40290	-6.0	162.5	93	-263.2
40300	-7.2	165.2	90	-263.8
40310	-7.2	167.8	88	-264.6
40320	-6.9	170.5	85	-265.6
40330	-5.4	173.1	82	-266.2
40340	-3.9	175.8	80	-266.4
40350	-3.5	178.5	77	-266.4
40360	-4.1	181.1	74	-266.2
40370	-4.7	183.8	72	-266.2
40380	-5.7	186.4	69	-266.4
40390	-5.4	189.1	66	-266.7
40400	-3.8	191.8	64	-266.7
40410	-2.7	194.4	61	-266.7
40420	-2.8	197.1	58	-266.7
40430	-3.1	199.8	56	-265.9
40440	-3.7	202.4	53	-265.4

40450	-4.9	205.1	50	-265.4
40460	-4.7	207.7	48	-265.6
40470	-2.7	210.4	45	-265.4
40480	-2.2	213.1	42	-265.6
40490	-2.3	215.7	40	-264.6
40500	-2.2	218.3	37	-263.8
40510	-2.2	221.0	34	-263.5
40520	-0.5	223.6	32	-262.4
40530	6.1	226.2	29	-260.6
40540	6.6	228.8	27	-257.9
40550	27.5	231.3	24	-251.3
40560	30.9	233.8	22	-240.1
40570	9.5	236.1	19	-230.5
40580	-4.2	238.4	17	-227.8
40590	-2.3	240.7	15	-227.6
40600	-2.0	242.9	13	-227.0
40610	0.5	245.2	10	-226.5
40620	14.8	247.4	8	-223.3
40630	26.7	249.6	6	-216.7
40640	30.1	251.7	4	-207.1
40650	25.5	253.7	2	-197.5
40660	16.4	255.6	0	-187.4
40670	0.8	257.2	-2	-160.7
40680	-2.4	258.7	-3	-150.1
40690	-11.7	259.9	-4	-116.0
40700	-21.2	260.9	-5	-99.0
40710	-11.9	261.8	-6	-90.7
40720	0.8	262.5	-7	-68.9
40730	0.8	263.1	-8	-63.3
40740	14.9	263.6	-8	-47.6
40750	26.4	264.0	-9	-40.7
40760	28.2	264.3	-9	-28.4
40770	23.1	264.5	-9	-22.8
40780	16.8	264.7	-9	-15.1
40790	13.4	264.8	-9	-11.1
40800	15.6	264.9	-9	-6.3
40810	20.9	264.9	-9	-2.1
40820	26.2	264.9	-9	1.3
40830	29.2	264.9	-9	6.6
40840	26.6	264.7	-9	13.3
40850	21.8	264.5	-9	19.9
40860	18.3	264.3	-9	25.2
40870	18.3	263.9	-8	30.3
40880	21.4	263.6	-8	34.6
40890	24.5	263.1	-8	44.1
40900	25.6	262.6	-7	56.1
40910	24.1	262.1	-7	57.7
40920	21.4	261.5	-6	57.7
40930	19.5	260.7	-5	76.9
40940	20.2	260.0	-5	82.7
40950	22.4	259.2	-4	88.9
40960	24.0	258.4	-3	95.5
40970	23.7	257.4	-2	102.4
40980	21.3	256.5	-1	108.6

40990	18.0	255.4	0	115.8
41000	15.9	254.3	1	120.5
41010	15.3	253.2	2	113.6
41020	17.1	252.0	3	118.2
41030	19.4	250.8	5	122.7
41040	20.1	249.6	6	127.7
41050	18.3	248.2	7	132.8
41060	15.5	246.9	9	137.9
41070	13.2	245.5	10	141.6
41080	12.7	244.0	11	144.8
41090	13.4	242.5	13	148.0
41100	14.9	241.0	14	151.4
41110	14.5	239.5	16	154.9
41120	12.6	237.9	18	158.4
41130	10.7	236.3	19	161.3
41140	9.2	234.7	21	163.9
41150	9.4	233.0	22	165.8
41160	11.3	231.4	24	167.9
41170	12.2	229.7	26	170.6
41180	11.3	227.9	28	173.3
41190	8.7	226.2	29	175.7
41200	6.5	224.4	31	177.5
41210	5.4	222.6	33	178.6
41220	5.8	220.8	35	179.1
41230	7.3	219.0	36	180.2
41240	8.8	217.2	38	181.5
41250	9.5	215.4	40	183.1
41260	9.2	213.6	42	185.2
41270	6.2	211.7	44	186.8
41280	2.3	209.8	46	187.6
41290	1.5	207.9	48	187.6
41300	1.5	206.1	49	187.1
41310	1.6	204.2	51	186.8
41320	1.6	202.3	53	186.3
41330	1.6	200.5	55	186.0
41340	1.8	198.6	57	185.8
41350	1.8	196.7	59	185.2
41360	1.8	194.9	61	185.0
41370	1.8	193.0	62	184.7
41380	1.9	191.2	64	184.2
41390	2.2	189.4	66	183.9
41400	3.4	187.5	68	183.9
41410	6.1	185.7	70	183.9
41420	7.5	183.8	72	185.0
41430	6.1	182.0	73	186.0
41440	2.8	180.1	75	186.8
41450	1.9	178.2	77	186.8
41460	2.7	176.4	79	186.6
41470	4.6	174.5	81	186.8
41480	7.1	172.6	83	187.4
41490	7.3	170.8	85	188.4
41500	6.1	168.9	87	190.0
41510	4.6	166.9	89	190.8
41520	4.7	165.0	90	191.1

41530	5.7	163.1	92	191.6
41540	7.9	161.2	94	192.2
41550	9.2	159.3	96	194.0
41560	8.4	157.3	98	195.4
41570	6.8	155.4	100	197.0
41580	5.2	153.4	102	197.5
41590	5.3	151.4	104	198.0
41600	6.4	149.4	106	198.8
41610	7.6	147.4	108	199.9
41620	7.3	145.4	110	201.2
41630	6.2	143.4	112	202.3
41640	5.7	141.4	114	203.1
41650	5.8	139.3	116	203.9
41660	6.4	137.3	118	204.7
41670	6.9	135.2	120	205.5
41680	6.9	133.2	122	206.3
41690	5.8	131.1	124	207.6
41700	4.9	129.0	126	208.1
41710	4.1	126.9	129	208.9
41720	3.9	124.8	131	208.9
41730	4.5	122.7	133	209.2
41740	4.5	120.6	135	209.5
41750	4.1	118.5	137	210.0
41760	3.3	116.4	139	210.3
41770	2.6	114.3	141	210.0
41780	1.9	112.2	143	209.7
41790	1.8	110.1	145	209.2
41800	1.8	108.1	147	208.7
41810	1.8	106.0	149	208.1
41820	1.6	103.9	152	207.9
41830	1.6	101.8	154	207.3
41840	0.4	99.7	156	206.8
41850	-3.9	97.7	158	205.5
41860	-6.9	95.6	160	202.8
41870	-7.1	93.6	162	199.9
41880	-4.5	91.7	164	197.5
41890	-2.7	89.7	166	195.1
41900	-3.1	87.8	168	193.2
41910	-6.6	85.9	170	191.1
41920	-8.9	84.1	171	166.9
41930	0.0	82.4	173	158.9
41940	3.1	81.0	174	121.3
41950	14.4	79.8	176	115.5
41960	22.0	78.8	177	98.5
41970	16.5	77.9	178	91.3
41980	0.9	77.2	178	62.0
41990	-1.2	76.6	179	57.2
42000	-10.3	76.1	179	47.3
42010	-18.6	75.7	180	38.3
42020	-21.2	75.3	180	28.4
42030	-17.4	75.1	180	25.8
42040	-13.6	74.9	181	19.4
42050	-13.2	74.7	181	19.9
42060	-17.8	74.5	181	14.1

42070	-22.9	74.4	181	9.3
42080	-24.8	74.4	181	1.8
42090	-26.0	74.4	181	-1.8
42100	-25.9	74.5	181	-7.7
42110	-25.8	74.6	181	-13.8
42120	-28.1	74.8	181	-20.2
42130	-33.4	75.1	180	-33.2
42140	-37.7	75.5	180	-39.4
42150	-39.3	75.9	180	-44.9
42160	-36.3	76.5	179	-66.5
42170	-29.7	77.2	178	-77.7
42180	-24.0	77.9	178	-78.5
42190	-22.1	78.8	177	-76.1
42200	-25.0	79.7	176	-100.0
42210	-28.7	80.6	175	-97.4
42220	-30.0	81.7	174	-94.2
42230	-27.4	82.8	173	-124.3
42240	-24.1	84.0	171	-131.7
42250	-22.6	85.2	170	-138.9
42260	-24.3	86.6	169	-132.3
42270	-26.6	87.9	168	-139.2
42280	-27.0	89.4	166	-146.1
42290	-23.5	90.9	165	-153.6
42300	-19.8	92.5	163	-159.2
42310	-17.4	94.1	161	-164.5
42320	-19.0	95.8	160	-168.7
42330	-22.4	97.5	158	-173.5
42340	-23.9	99.3	156	-179.7
42350	-20.9	101.1	154	-185.5
42360	-15.2	103.0	152	-190.3
42370	-10.8	104.9	151	-193.8
42380	-11.0	106.9	149	-196.2
42390	-13.7	108.9	147	-198.3
42400	-15.7	110.9	145	-201.2
42410	-15.3	112.9	143	-204.9
42420	-12.7	115.0	140	-208.1
42430	-9.8	117.1	138	-210.8
42440	-8.5	119.2	136	-212.7
42450	-9.2	121.4	134	-214.0
42460	-11.4	123.5	132	-216.4
42470	-13.2	125.7	130	-218.8
42480	-12.5	127.9	128	-221.2
42490	-9.4	130.1	125	-223.3
42500	-6.8	132.4	123	-225.2
42510	-7.2	134.6	121	-226.5
42520	-8.8	136.9	119	-227.6
42530	-10.4	139.2	116	-229.2
42540	-10.7	141.5	114	-230.8
42550	-11.0	143.8	112	-232.9
42560	-9.6	146.2	109	-235.0
42570	-7.3	148.5	107	-236.4
42580	-6.2	150.9	105	-237.4
42590	-7.9	153.3	102	-237.7
42600	-8.5	155.7	100	-239.3

42610	-7.9	158.1	97	-240.9
42620	-6.8	160.5	95	-241.9
42630	-6.8	162.9	93	-243.0
42640	-6.5	165.4	90	-243.8
42650	-6.4	167.8	88	-244.6
42660	-7.5	170.3	85	-245.7
42670	-8.0	172.7	83	-246.5
42680	-7.9	175.2	80	-247.8
42690	-7.5	177.7	78	-248.9
42700	-7.3	180.2	75	-249.9
42710	-7.7	182.7	73	-250.7
42720	-7.6	185.2	70	-251.8
42730	-7.9	187.7	68	-252.3
42740	-6.5	190.2	65	-253.1
42750	-4.5	192.8	63	-253.7
42760	-3.4	195.3	60	-253.4
42770	-3.9	197.8	58	-253.7
42780	-4.6	200.4	55	-253.7
42790	-5.3	202.9	53	-253.7
42800	-5.7	205.5	50	-253.9
42810	-4.7	208.0	47	-254.5
42820	-2.7	210.5	45	-254.7
42830	-2.4	213.1	42	-254.2
42840	-2.6	215.6	40	-253.7
42850	-2.6	218.2	37	-253.4
42860	-2.7	220.7	35	-252.6
42870	-2.8	223.2	32	-252.3
42880	-2.7	225.7	30	-251.8
42890	-2.2	228.3	27	-251.8
42900	-2.0	230.8	25	-251.0
42910	-1.8	233.3	22	-250.5
42920	2.8	235.8	20	-249.4
42930	12.3	238.3	17	-246.5
42940	16.5	240.7	15	-240.9
42950	13.2	243.0	12	-235.3
42960	6.2	245.4	10	-230.8
42970	1.5	247.6	8	-228.1
42980	1.8	249.9	6	-226.5
42990	6.9	252.2	3	-224.6
43000	14.5	254.4	1	-220.6
43010	12.5	256.5	-1	-223.6
43020	-4.2	258.2	-3	-169.3
43030	-17.4	259.6	-4	-140.5
43040	-40.1	260.9	-5	-105.1
43050	-42.8	261.9	-6	-97.7
43060	-31.9	262.7	-7	-80.1
43070	-8.4	263.4	-8	-57.5
43080	0.8	264.0	-9	-51.1
43090	17.1	264.4	-9	-35.9
43100	36.7	264.7	-9	-31.4
43110	42.7	264.9	-9	-15.4
43120	32.7	265.0	-10	-6.9
43130	20.7	265.0	-10	0.2
43140	15.7	265.0	-10	0.7

43150	18.4	265.0	-10	5.0
43160	24.5	264.9	-9	8.7
43170	29.8	264.7	-9	18.6
43180	29.3	264.5	-9	27.1
43190	25.5	264.2	-9	32.2
43200	21.4	263.8	-8	35.4
43210	20.6	263.4	-8	49.7
43220	23.2	262.9	-7	55.9
43230	26.4	262.4	-7	57.2
43240	28.3	261.7	-6	58.0
43250	26.3	261.0	-6	79.3
43260	22.5	260.3	-5	79.0
43270	19.5	259.4	-4	76.4
43280	18.6	258.5	-3	99.3
43290	20.2	257.5	-2	104.3
43300	22.5	256.6	-1	110.4
43310	23.7	255.5	0	117.1
43320	22.8	254.4	1	123.7
43330	20.1	253.2	2	118.4
43340	17.2	252.0	3	124.0
43350	16.4	250.7	5	128.5
43360	17.4	249.4	6	132.8
43370	18.3	248.0	7	137.6
43380	18.2	246.6	9	142.4
43390	17.8	245.2	10	147.2
43400	15.7	243.7	12	151.4
43410	14.0	242.1	13	155.4
43420	12.7	240.5	15	158.6
43430	12.3	238.9	17	161.8
43440	12.9	237.3	18	164.7
43450	13.0	235.6	20	167.9
43460	11.7	233.9	22	170.9
43470	10.2	232.2	23	173.3
43480	8.4	230.4	25	175.4
43490	6.9	228.7	27	177.0
43500	7.1	226.9	29	178.3
43510	8.5	225.1	30	179.9
43520	9.5	223.3	32	181.8
43530	9.1	221.5	34	183.4
43540	8.0	219.6	36	185.5
43550	6.4	217.7	38	186.6
43560	5.2	215.9	40	187.6
43570	5.3	214.0	41	188.2
43580	5.0	212.1	43	189.0
43590	4.2	210.2	45	189.2
43600	4.3	208.3	47	190.0
43610	5.3	206.4	49	190.3
43620	7.9	204.5	51	191.1
43630	9.1	202.6	53	192.7
43640	6.1	200.6	55	194.0
43650	1.2	198.7	57	194.8
43660	1.5	196.7	59	194.3
43670	1.2	194.8	61	193.8
43680	0.9	192.9	63	193.2

43690	-0.3	190.9	65	192.4
43700	0.4	189.0	66	191.6
43710	1.9	187.1	68	190.8
43720	1.8	185.2	70	190.6
43730	1.8	183.3	72	190.3
43740	1.9	181.4	74	190.0
43750	1.9	179.5	76	189.8
43760	1.9	177.6	78	189.5
43770	2.2	175.7	80	189.0
43780	4.2	173.8	82	189.0
43790	7.7	171.9	84	189.2
43800	8.1	170.0	85	191.1
43810	5.6	168.1	87	192.4
43820	2.6	166.2	89	193.2
43830	2.0	164.2	91	193.2
43840	3.0	162.3	93	193.0
43850	6.1	160.4	95	193.2
43860	8.1	158.4	97	193.8
43870	7.6	156.5	99	195.6
43880	5.6	154.5	101	196.7
43890	3.9	152.5	103	197.5
43900	4.3	150.6	105	198.0
43910	5.8	148.6	107	198.3
43920	7.9	146.6	109	199.1
43930	8.5	144.6	111	200.7
43940	7.9	142.6	113	201.7
43950	6.5	140.5	115	203.3
43960	5.4	138.5	117	204.1
43970	5.6	136.5	119	204.9
43980	6.6	134.4	121	206.0
43990	8.1	132.3	123	206.8
44000	7.6	130.3	125	208.1
44010	6.1	128.2	127	209.2
44020	4.1	126.1	129	210.0
44030	3.3	124.0	131	210.3
44040	3.3	121.9	134	210.0
44050	3.8	119.8	136	210.0
44060	4.3	117.7	138	210.3
44070	4.1	115.5	140	210.8
44080	2.7	113.4	142	211.1
44090	1.8	111.3	144	210.5
44100	1.8	109.2	146	210.0
44110	1.8	107.1	148	209.7
44120	1.5	105.0	150	209.2
44130	0.7	103.0	152	208.7
44140	-5.0	100.9	155	207.1
44150	-9.6	98.8	157	204.1
44160	-9.2	96.8	159	200.7
44170	-6.0	94.8	161	197.0
44180	-4.2	92.9	163	194.8
44190	-5.3	90.9	165	192.4
44200	-8.0	89.0	166	189.5
44210	-11.3	87.2	168	186.0
44220	-13.2	85.3	170	181.8

44230	-10.0	83.7	172	152.5
44240	2.6	82.1	173	160.5
44250	3.9	80.9	175	125.6
44260	14.5	79.7	176	108.0
44270	17.6	78.8	177	92.3
44280	11.3	78.0	177	70.5
44290	-1.6	77.3	178	66.0
44300	-1.5	76.7	179	55.9
44310	-11.7	76.2	179	46.3
44320	-17.8	75.8	180	41.5
44330	-19.3	75.5	180	31.6
44340	-15.5	75.2	180	23.4
44350	-12.1	75.0	180	24.2
44360	-12.2	74.8	181	18.3
44370	-16.8	74.6	181	13.0
44380	-21.6	74.5	181	9.0
44390	-23.7	74.5	181	2.1
44400	-25.0	74.5	181	-0.7
44410	-25.4	74.5	181	-7.4
44420	-26.3	74.6	181	-13.5
44430	-29.3	74.8	181	-22.8
44440	-32.8	75.1	180	-28.7
44450	-35.3	75.5	180	-34.0
44460	-36.1	75.9	180	-52.4
44470	-33.9	76.5	179	-57.2
44480	-29.6	77.1	178	-59.9
44490	-26.0	77.8	178	-67.3
44500	-25.0	78.6	177	-73.7
44510	-26.3	79.5	176	-79.6
44520	-28.3	80.5	175	-104.8
44530	-29.2	81.4	174	-102.4
44540	-27.9	82.5	173	-99.5
44550	-25.9	83.7	172	-129.1
44560	-24.8	84.9	171	-136.5
44570	-24.8	86.2	169	-130.9
44580	-25.4	87.6	168	-137.9
44590	-25.1	89.0	166	-144.5
44600	-23.6	90.5	165	-151.4
44610	-21.0	92.1	163	-157.3
44620	-20.6	93.7	162	-162.9
44630	-21.4	95.4	160	-167.9
44640	-23.3	97.1	158	-173.8
44650	-23.9	98.9	157	-179.9
44660	-21.7	100.7	155	-186.0
44670	-18.0	102.6	153	-191.1
44680	-14.6	104.6	151	-195.6
44690	-14.2	106.5	149	-198.8
44700	-16.1	108.6	147	-202.3
44710	-17.8	110.6	145	-206.3
44720	-17.8	112.7	143	-210.5
44730	-16.4	114.8	141	-214.5
44740	-14.5	117.0	138	-218.5
44750	-13.0	119.2	136	-221.4
44760	-12.1	121.5	134	-224.4

44770	-12.7	123.7	132	-226.8
44780	-14.1	126.0	129	-230.0
44790	-14.5	128.3	127	-232.9
44800	-13.0	130.7	125	-235.8
44810	-11.1	133.1	122	-238.2
44820	-9.9	135.5	120	-240.6
44830	-8.8	137.9	118	-242.2
44840	-8.7	140.3	115	-243.5
44850	-9.8	142.8	113	-245.1
44860	-10.6	145.2	110	-247.0
44870	-9.2	147.7	108	-249.1
44880	-7.7	150.2	105	-250.7
44890	-7.1	152.7	103	-251.8
44900	-7.3	155.3	100	-252.9
44910	-6.6	157.8	98	-253.9
44920	-7.9	160.4	95	-254.7
44930	-9.8	162.9	93	-255.8
44940	-9.9	165.5	90	-257.7
44950	-8.1	168.1	87	-259.0
44960	-6.0	170.7	85	-260.3
44970	-3.9	173.3	82	-260.6
44980	-3.5	175.9	80	-260.6
44990	-4.3	178.5	77	-260.3
45000	-6.2	181.1	74	-260.3
45010	-7.2	183.7	72	-261.1
45020	-7.3	186.3	69	-262.2
45030	-5.0	188.9	67	-263.0
45040	-2.6	191.6	64	-263.0
45050	-2.4	194.2	61	-262.7
45060	-2.4	196.8	59	-261.9
45070	-2.6	199.4	56	-261.6
45080	-2.4	202.1	53	-261.1
45090	-2.4	204.7	51	-260.6
45100	-2.4	207.3	48	-260.3
45110	-2.3	209.9	46	-259.8
45120	-1.9	212.5	43	-258.7
45130	1.9	215.0	40	-258.2
45140	8.0	217.6	38	-255.5
45150	10.0	220.1	35	-251.5
45160	8.5	222.6	33	-247.3
45170	3.8	225.1	30	-244.1
45180	0.8	227.5	28	-241.9
45190	0.4	229.9	26	-240.9
45200	3.0	232.3	23	-239.0
45210	6.6	234.7	21	-236.9
45220	9.5	237.0	18	-233.2
45230	9.2	239.3	16	-229.4
45240	7.3	241.6	14	-226.0
45250	6.4	243.8	12	-222.8
45260	6.9	246.0	9	-219.6
45270	9.4	248.2	7	-216.4
45280	12.1	250.3	5	-211.9
45290	13.7	252.4	3	-207.3
45300	13.8	254.5	1	-202.0

45310	7.9	256.3	-1	-187.6
45320	-3.0	258.0	-3	-156.5
45330	-20.6	259.3	-4	-133.1
45340	-43.3	260.5	-5	-113.1
45350	-46.4	261.6	-6	-104.8
45360	-35.0	262.3	-7	-79.3
45370	-14.0	263.0	-8	-65.2
45380	0.7	263.6	-8	-47.1
45390	4.6	264.0	-9	-43.6
45400	19.3	264.4	-9	-31.1
45410	26.3	264.7	-9	-28.4
45420	26.3	264.9	-9	-17.8
45430	19.7	265.0	-10	-11.9
45440	14.4	265.1	-10	-5.5
45450	11.5	265.1	-10	-1.8
45460	14.5	265.1	-10	0.5
45470	20.3	265.1	-10	2.9
45480	24.5	265.0	-10	8.2
45490	25.6	264.9	-9	14.1
45500	23.5	264.7	-9	22.8
45510	20.7	264.4	-9	29.0
45520	20.2	264.0	-9	38.3
45530	22.2	263.7	-8	40.1
45540	24.8	263.2	-8	46.3

ISOK_EXERC_FLEX_EXT_300_R_SIDE
01/08
Set #2

TIME	TORQUE	POSITION	POS(ANAT)	VELOCITY
0	11.4	246.5	9	28.2
10	10.7	246.2	9	31.4
20	9.6	245.8	10	34.6
30	9.6	245.5	10	37.2
40	10.0	245.1	10	39.6
50	10.8	244.7	11	42.8
60	11.1	244.2	11	45.7
70	10.8	243.7	12	48.7
80	9.9	243.2	12	51.6
90	9.1	242.7	13	54.3
100	9.5	242.1	13	56.9
110	10.3	241.5	14	59.3
120	11.4	240.9	15	62.2
130	11.5	240.3	15	65.2
140	11.0	239.6	16	68.4
150	9.8	238.9	17	71.3
160	8.9	238.2	17	74.0
170	8.9	237.4	18	76.4
180	9.2	236.6	19	78.8
190	9.8	235.8	20	80.9
200	10.2	235.0	20	83.5
210	10.0	234.1	21	86.5
220	9.5	233.3	22	88.6
230	8.9	232.3	23	91.3
240	8.7	231.4	24	93.4
250	8.3	230.5	25	95.3
260	8.4	229.5	26	97.4
270	8.1	228.5	27	99.5
280	7.9	227.5	28	101.1
290	7.7	226.5	29	103.2
300	7.3	225.4	30	105.1
310	7.2	224.4	31	106.7
320	7.2	223.3	32	108.6
330	7.3	222.2	33	109.9
340	8.0	221.1	34	112.0
350	8.7	219.9	36	113.9
360	9.1	218.8	37	115.8
370	9.1	217.6	38	117.9
380	8.7	216.4	39	120.0
390	8.3	215.2	40	122.1
400	8.5	214.0	41	124.0
410	8.4	212.7	43	126.1
420	8.1	211.4	44	127.7
430	7.7	210.1	45	129.6
440	7.9	208.8	47	131.2
450	8.1	207.5	48	133.1
460	8.5	206.2	49	134.9
470	8.8	204.8	51	136.8
480	8.4	203.4	52	138.7

490	7.6	202.0	53	140.5
500	7.3	200.6	55	142.1
510	6.8	199.2	56	143.4
520	7.5	197.7	58	145.0
530	8.7	196.2	59	146.6
540	9.4	194.8	61	148.2
550	8.5	193.3	62	150.6
560	7.5	191.7	64	152.2
570	6.8	190.2	65	153.8
580	7.3	188.7	67	155.2
590	8.7	187.1	68	156.2
600	10.0	185.5	70	158.4
610	10.7	183.9	72	160.5
620	9.8	182.3	73	163.1
630	8.0	180.7	75	165.0
640	6.9	179.0	76	166.6
650	8.3	177.3	78	167.9
660	10.6	175.6	80	169.8
670	11.8	173.9	82	171.9
680	11.5	172.2	83	174.6
690	9.8	170.4	85	177.3
700	9.2	168.6	87	179.4
710	9.2	166.8	89	181.2
720	10.6	165.0	90	183.4
730	11.4	163.1	92	185.5
740	11.9	161.3	94	187.9
750	11.8	159.4	96	190.6
760	11.0	157.4	98	193.0
770	10.6	155.5	100	195.4
780	10.8	153.5	102	197.5
790	11.7	151.5	104	199.6
800	12.1	149.5	106	201.7
810	11.7	147.5	108	204.7
820	10.6	145.4	110	206.8
830	9.5	143.3	112	208.9
840	9.6	141.2	114	210.8
850	9.9	139.1	116	212.7
860	10.0	136.9	119	214.5
870	9.8	134.8	121	216.7
880	8.9	132.6	123	218.3
890	7.5	130.4	125	219.6
900	6.5	128.2	127	220.6
910	5.7	126.0	129	221.4
920	5.4	123.8	132	222.0
930	4.6	121.5	134	222.5
940	3.7	119.3	136	222.5
950	2.6	117.1	138	222.8
960	1.9	114.9	141	222.2
970	1.8	112.6	143	221.7
980	1.8	110.4	145	221.4
990	1.4	108.2	147	220.9
1000	-2.2	106.0	149	220.1
1010	-9.6	103.8	152	217.5
1020	-11.7	101.7	154	213.2

1030	-8.0	99.6	156	208.7
1040	-2.3	97.5	158	205.7
1050	-1.1	95.5	160	204.1
1060	-4.5	93.5	162	202.3
1070	-10.2	91.5	164	199.6
1080	-13.8	89.5	166	195.1
1090	-14.1	87.6	168	189.8
1100	-12.3	85.7	170	184.7
1110	-8.9	84.0	171	158.4
1120	2.2	82.4	173	167.4
1130	3.3	81.1	174	130.4
1140	15.5	79.9	176	112.3
1150	21.7	78.9	177	85.9
1160	17.6	78.0	177	81.7
1170	3.7	77.3	178	68.6
1180	-0.5	76.7	179	57.2
1190	-2.0	76.2	179	53.2
1200	-12.5	75.8	180	40.1
1210	-20.6	75.5	180	32.7
1220	-25.6	75.2	180	28.2
1230	-24.3	75.0	180	18.6
1240	-22.5	74.8	181	10.3
1250	-20.7	74.8	181	6.1
1260	-22.4	74.8	181	-0.5
1270	-25.6	74.8	181	-3.4
1280	-26.7	74.9	181	-9.0
1290	-24.7	75.0	180	-17.0
1300	-21.7	75.2	180	-21.2
1310	-21.8	75.5	180	-26.3
1320	-25.9	75.9	180	-39.1
1330	-30.9	76.3	179	-42.5
1340	-34.4	76.7	179	-46.0
1350	-34.4	77.4	178	-66.5
1360	-31.3	78.0	177	-69.4
1370	-27.7	78.8	177	-77.7
1380	-26.2	79.6	176	-76.6
1390	-28.2	80.5	175	-101.6
1400	-31.3	81.5	174	-99.8
1410	-33.9	82.5	173	-97.7
1420	-34.2	83.7	172	-129.1
1430	-32.1	85.0	170	-138.9
1440	-30.0	86.3	169	-134.9
1450	-29.4	87.7	168	-143.2
1460	-30.0	89.2	166	-151.2
1470	-30.6	90.8	165	-159.7
1480	-29.2	92.5	163	-167.4
1490	-26.4	94.2	161	-175.1
1500	-24.4	96.0	159	-182.0
1510	-24.0	97.9	158	-188.4
1520	-24.5	99.8	156	-194.3
1530	-24.5	101.8	154	-200.9
1540	-23.1	103.8	152	-206.8
1550	-21.4	106.0	149	-212.4
1560	-20.1	108.1	147	-218.3

1570	-18.4	110.3	145	-222.8
1580	-17.1	112.6	143	-227.6
1590	-16.3	114.9	141	-231.3
1600	-16.0	117.3	138	-235.3
1610	-15.3	119.6	136	-238.8
1620	-13.8	122.0	133	-241.9
1630	-13.2	124.5	131	-244.9
1640	-13.6	127.0	128	-247.8
1650	-13.0	129.5	126	-250.7
1660	-11.8	132.0	123	-253.4
1670	-10.7	134.5	121	-255.5
1680	-8.3	137.1	118	-257.7
1690	-5.4	139.7	116	-258.2
1700	-4.3	142.3	113	-258.7
1710	-5.7	144.9	111	-259.0
1720	-5.7	147.5	108	-259.5
1730	-5.3	150.1	105	-259.5
1740	-4.3	152.7	103	-259.8
1750	-2.6	155.3	100	-260.0
1760	-2.3	157.8	98	-259.8
1770	-2.3	160.4	95	-258.7
1780	-2.4	163.0	92	-258.2
1790	-2.6	165.6	90	-258.2
1800	-2.6	168.2	87	-257.7
1810	-2.6	170.8	85	-257.1
1820	-2.6	173.3	82	-256.3
1830	-2.4	175.9	80	-256.1
1840	-2.4	178.4	77	-255.5
1850	-2.4	181.0	74	-255.0
1860	-2.4	183.5	72	-254.5
1870	-2.3	186.1	69	-253.9
1880	-2.3	188.6	67	-253.1
1890	-2.0	191.1	64	-252.9
1900	-0.5	193.7	62	-251.8
1910	2.0	196.2	59	-250.2
1920	2.3	198.7	57	-248.6
1930	0.5	201.1	54	-247.0
1940	-2.6	203.6	52	-245.7
1950	-2.6	206.0	49	-245.4
1960	-2.4	208.5	47	-245.1
1970	-1.8	210.9	45	-244.3
1980	0.1	213.4	42	-243.5
1990	2.7	215.8	40	-241.9
2000	4.3	218.2	37	-239.8
2010	3.8	220.6	35	-237.4
2020	2.4	222.9	33	-235.0
2030	1.2	225.3	30	-233.4
2040	2.3	227.6	28	-231.8
2050	4.9	229.9	26	-229.4
2060	7.2	232.2	23	-226.8
2070	8.4	234.4	21	-223.3
2080	8.5	236.6	19	-219.9
2090	8.1	238.8	17	-216.4
2100	8.3	240.9	15	-212.9

2110	9.8	243.0	12	-209.2
2120	12.1	245.1	10	-204.9
2130	15.1	247.1	8	-200.1
2140	17.5	249.1	6	-194.6
2150	18.8	251.0	4	-188.2
2160	20.3	252.8	3	-181.5
2170	20.9	254.6	1	-174.3
2180	15.6	256.1	-1	-158.4
2190	3.0	257.5	-2	-122.1
2200	-2.0	258.8	-3	-119.0
2210	-0.9	259.8	-4	-91.5
2220	-0.7	260.8	-5	-96.3
2230	3.3	261.5	-6	-75.3
2240	17.1	262.2	-7	-69.2
2250	25.5	262.7	-7	-51.9
2260	29.3	263.2	-8	-43.3
2270	27.5	263.6	-8	-31.4
2280	22.2	263.9	-8	-27.4
2290	19.0	264.1	-9	-23.4
2300	19.9	264.3	-9	-15.9
2310	23.9	264.4	-9	-10.6
2320	27.0	264.4	-9	-1.8
2330	30.4	264.4	-9	0.7
2340	31.3	264.3	-9	8.2
2350	28.1	264.2	-9	15.1
2360	23.9	264.0	-9	22.3
2370	22.8	263.7	-8	34.6
2380	25.0	263.3	-8	41.5
2390	28.1	262.9	-7	48.7
2400	29.7	262.4	-7	57.5
2410	29.2	261.8	-6	60.4
2420	27.1	261.1	-6	61.4
2430	25.0	260.4	-5	83.0
2440	24.7	259.6	-4	81.9
2450	25.8	258.7	-3	79.8
2460	27.0	257.8	-2	85.9
2470	26.8	256.8	-1	92.3
2480	25.2	255.7	0	99.3
2490	22.8	254.6	1	104.8
2500	20.6	253.3	2	122.1
2510	19.7	252.0	3	128.0
2520	20.1	250.7	5	133.1
2530	21.2	249.3	6	138.4
2540	20.6	247.9	8	143.7
2550	19.4	246.4	9	149.3
2560	17.6	244.9	11	154.4
2570	16.1	243.3	12	158.9
2580	15.5	241.7	14	163.1
2590	14.8	240.0	15	166.9
2600	14.1	238.4	17	170.3
2610	13.4	236.6	19	173.5
2620	12.7	234.9	21	176.7
2630	12.3	233.1	22	179.7
2640	12.3	231.3	24	182.3

2650	11.9	229.4	26	185.0
2660	11.5	227.5	28	187.4
2670	11.4	225.6	30	190.0
2680	11.5	223.7	32	192.2
2690	11.1	221.8	34	194.6
2700	10.0	219.8	36	197.2
2710	9.1	217.8	38	198.8
2720	8.4	215.8	40	200.7
2730	9.2	213.8	42	202.3
2740	10.0	211.8	44	204.4
2750	10.2	209.7	46	206.5
2760	9.2	207.6	48	208.4
2770	7.2	205.5	50	210.0
2780	5.3	203.4	52	211.3
2790	4.1	201.3	54	211.9
2800	3.4	199.2	56	212.1
2810	4.1	197.1	58	211.9
2820	6.2	195.0	60	212.4
2830	8.0	192.8	63	213.5
2840	7.6	190.7	65	214.8
2850	5.8	188.5	67	215.9
2860	4.7	186.4	69	216.4
2870	5.2	184.2	71	216.9
2880	6.6	182.0	73	217.5
2890	7.9	179.8	76	218.5
2900	9.1	177.6	78	219.9
2910	9.4	175.4	80	221.4
2920	8.4	173.2	82	223.0
2930	6.6	171.0	84	224.4
2940	6.0	168.7	87	225.2
2950	7.1	166.4	89	226.0
2960	9.1	164.2	91	226.8
2970	9.8	161.9	94	228.1
2980	9.8	159.6	96	230.5
2990	7.9	157.3	98	231.8
3000	6.8	155.0	100	233.2
3010	6.5	152.6	103	233.7
3020	8.1	150.3	105	234.5
3030	8.5	147.9	108	235.8
3040	7.9	145.6	110	237.2
3050	6.0	143.2	112	238.0
3060	4.5	140.8	115	238.5
3070	3.3	138.4	117	238.5
3080	3.0	136.0	119	238.5
3090	3.4	133.6	122	238.5
3100	3.5	131.3	124	238.5
3110	3.1	128.9	127	238.2
3120	2.0	126.5	129	238.2
3130	1.8	124.1	131	237.4
3140	1.8	121.7	134	236.6
3150	1.8	119.4	136	236.4
3160	1.6	117.0	138	235.8
3170	-0.5	114.7	141	235.0
3180	-5.6	112.3	143	232.9

3190	-8.3	110.0	145	229.7
3200	-6.4	107.8	148	226.0
3210	-3.1	105.5	150	223.6
3220	-2.4	103.3	152	221.4
3230	-4.3	101.1	154	219.3
3240	-7.7	98.9	157	216.7
3250	-10.2	96.8	159	213.5
3260	-11.5	94.7	161	209.2
3270	-12.1	92.6	163	204.4
3280	-11.7	90.6	165	199.9
3290	-11.0	88.6	167	195.4
3300	-11.9	86.7	169	191.1
3310	-15.2	84.9	171	167.7
3320	-13.4	83.2	172	150.4
3330	-1.6	81.7	174	143.4
3340	1.9	80.4	175	121.6
3350	2.0	79.3	176	104.0
3360	3.5	78.4	177	88.6
3370	0.0	77.6	178	75.0
3380	-0.5	76.9	179	69.4
3390	-11.3	76.4	179	52.9
3400	-27.7	76.0	179	42.3
3410	-36.1	75.6	180	33.0
3420	-34.6	75.4	180	20.7
3430	-26.3	75.2	180	15.1
3440	-20.2	75.1	180	7.7
3450	-20.6	75.1	180	1.8
3460	-30.2	75.1	180	-1.3
3470	-40.7	75.1	180	-9.3
3480	-43.5	75.3	180	-20.2
3490	-38.4	75.6	180	-29.0
3500	-31.3	76.0	179	-38.3
3510	-29.3	76.5	179	-56.4
3520	-34.2	77.1	178	-59.6
3530	-42.2	77.7	178	-62.2
3540	-45.6	78.6	177	-88.9
3550	-40.8	79.4	176	-92.6
3560	-30.9	80.4	175	-92.9
3570	-22.6	81.5	174	-99.8
3580	-21.7	82.7	173	-105.6
3590	-28.2	83.9	172	-135.2
3600	-34.8	85.2	170	-143.7
3610	-36.1	86.6	169	-140.0
3620	-31.5	88.1	167	-150.1
3630	-24.8	89.6	166	-157.8
3640	-21.8	91.3	164	-165.0
3650	-24.3	93.0	162	-170.6
3660	-28.5	94.7	161	-177.0
3670	-30.5	96.6	159	-185.0
3680	-27.3	98.5	157	-192.7
3690	-20.5	100.4	155	-199.4
3700	-14.8	102.5	153	-204.7
3710	-14.1	104.6	151	-207.9
3720	-18.3	106.7	149	-211.1

3730	-22.8	108.8	147	-215.9
3740	-22.2	111.0	144	-221.2
3750	-17.1	113.3	142	-226.5
3760	-11.4	115.5	140	-230.2
3770	-8.5	117.9	138	-232.1
3780	-9.2	120.2	135	-233.7
3790	-12.7	122.5	133	-235.6
3800	-17.0	124.9	131	-238.5
3810	-17.1	127.3	128	-242.5
3820	-13.3	129.8	126	-246.2
3830	-9.2	132.3	123	-248.9
3840	-7.6	134.8	121	-250.5
3850	-8.1	137.3	118	-251.8
3860	-9.4	139.8	116	-253.1
3870	-10.8	142.4	113	-254.5
3880	-12.1	144.9	111	-256.6
3890	-9.5	147.5	108	-259.0
3900	-7.5	150.1	105	-260.3
3910	-6.8	152.7	103	-261.4
3920	-7.1	155.3	100	-262.4
3930	-7.5	158.0	97	-263.0
3940	-9.1	160.6	95	-264.3
3950	-10.8	163.3	92	-265.4
3960	-10.4	165.9	90	-267.5
3970	-8.3	168.6	87	-269.1
3980	-5.8	171.3	84	-270.2
3990	-4.3	174.0	81	-270.4
4000	-4.6	176.7	79	-270.7
4010	-6.2	179.4	76	-270.7
4020	-7.6	182.1	73	-271.2
4030	-7.1	184.9	71	-272.0
4040	-5.6	187.6	68	-272.6
4050	-2.8	190.3	65	-272.8
4060	-2.3	193.0	62	-272.8
4070	-2.3	195.8	60	-272.0
4080	-2.6	198.5	57	-271.8
4090	-2.3	201.2	54	-270.7
4100	-2.3	203.9	52	-270.2
4110	-1.6	206.6	49	-269.4
4120	2.3	209.3	46	-268.0
4130	6.1	211.9	44	-265.9
4140	5.0	214.6	41	-262.7
4150	2.2	217.2	38	-260.3
4160	0.1	219.8	36	-258.7
4170	0.4	222.4	33	-257.7
4180	2.4	224.9	31	-256.1
4190	6.1	227.5	28	-253.9
4200	9.1	230.0	25	-250.2
4210	10.3	232.4	23	-246.5
4220	10.0	234.9	21	-242.5
4230	9.6	237.3	18	-238.2
4240	9.5	239.6	16	-234.2
4250	10.6	241.9	14	-230.0
4260	13.0	244.2	11	-225.7

4270	15.9	246.4	9	-220.1
4280	19.0	248.6	7	-214.3
4290	20.1	250.7	5	-207.3
4300	20.7	252.7	3	-200.1
4310	22.0	254.6	1	-192.7
4320	17.4	256.3	-1	-156.0
4330	3.4	257.9	-2	-147.7
4340	-2.3	259.3	-4	-138.9
4350	-1.4	260.3	-5	-107.2
4360	-1.8	261.3	-6	-90.5
4370	-0.3	262.1	-7	-68.4
4380	0.4	262.8	-7	-70.5
4390	17.0	263.3	-8	-53.2
4400	38.9	263.8	-8	-44.4
4410	47.9	264.1	-9	-28.2
4420	43.1	264.2	-9	-16.2
4430	31.9	264.3	-9	-4.2
4440	22.0	264.3	-9	1.3
4450	21.4	264.3	-9	3.4
4460	26.2	264.2	-9	9.0
4470	33.0	264.0	-9	15.4
4480	36.9	263.8	-8	23.1
4490	34.7	263.5	-8	32.4
4500	28.9	263.0	-8	50.0
4510	24.3	262.5	-7	52.9
4520	23.5	261.9	-6	54.0
4530	27.8	261.3	-6	72.9
4540	32.3	260.5	-5	81.7
4550	33.6	259.8	-4	82.5
4560	31.1	258.9	-3	82.2
4570	25.4	257.8	-2	109.9
4580	21.4	256.9	-1	95.5
4590	20.9	255.7	0	100.8
4600	23.9	254.6	1	105.9
4610	27.1	253.3	2	124.0
4620	27.4	252.0	3	131.5
4630	24.7	250.6	5	138.7
4640	20.6	249.2	6	145.3
4650	16.7	247.7	8	150.6
4660	15.6	246.2	9	154.9
4670	17.1	244.6	11	158.9
4680	19.4	243.0	12	163.4
4690	20.3	241.3	14	168.5
4700	18.7	239.6	16	173.3
4710	14.4	237.8	18	178.1
4720	11.1	236.0	19	181.2
4730	9.2	234.2	21	183.6
4740	10.6	232.3	23	185.5
4750	12.5	230.4	25	187.9
4760	13.3	228.5	27	190.8
4770	12.2	226.6	29	193.8
4780	10.6	224.6	31	196.4
4790	8.8	222.7	33	198.8
4800	8.1	220.7	35	200.1

4810	8.9	218.7	37	201.7
4820	9.8	216.6	39	203.6
4830	10.6	214.6	41	205.2
4840	10.4	212.5	43	207.3
4850	8.8	210.4	45	209.2
4860	7.1	208.3	47	211.1
4870	6.6	206.2	49	212.4
4880	7.7	204.1	51	213.2
4890	8.3	201.9	54	214.5
4900	6.9	199.8	56	215.9
4910	3.5	197.6	58	216.4
4920	1.9	195.4	60	216.7
4930	1.9	193.3	62	216.4
4940	2.4	191.1	64	215.9
4950	5.0	188.9	67	215.6
4960	9.4	186.8	69	216.1
4970	10.2	184.6	71	218.3
4980	7.7	182.4	73	219.9
4990	3.1	180.2	75	220.9
5000	2.0	178.0	77	220.6
5010	3.1	175.8	80	220.4
5020	6.6	173.6	82	220.6
5030	10.0	171.4	84	221.4
5040	10.6	169.1	86	223.3
5050	7.7	166.9	89	225.2
5060	4.5	164.6	91	226.2
5070	3.3	162.4	93	226.5
5080	5.2	160.1	95	226.5
5090	7.6	157.8	98	227.0
5100	9.1	155.6	100	228.1
5110	8.1	153.3	102	229.7
5120	6.1	151.0	104	231.0
5130	4.1	148.6	107	231.6
5140	3.8	146.3	109	231.8
5150	4.2	144.0	111	231.6
5160	6.1	141.7	114	232.1
5170	6.6	139.4	116	232.4
5180	5.7	137.0	118	233.4
5190	3.8	134.7	121	234.0
5200	2.6	132.4	123	233.7
5210	1.9	130.0	125	233.2
5220	1.9	127.7	128	233.2
5230	1.9	125.4	130	232.4
5240	1.8	123.0	132	231.6
5250	1.8	120.7	135	231.3
5260	1.8	118.4	137	230.8
5270	1.5	116.1	139	230.0
5280	-0.4	113.8	142	229.4
5290	-5.3	111.5	144	227.6
5300	-7.1	109.3	146	224.4
5310	-5.0	107.1	148	221.4
5320	-2.4	104.9	151	219.1
5330	-2.6	102.7	153	217.2
5340	-5.4	100.5	155	215.1

5350	-9.4	98.4	157	212.1
5360	-13.2	96.3	159	208.1
5370	-15.3	94.3	161	203.1
5380	-15.6	92.3	163	197.5
5390	-14.4	90.3	165	192.2
5400	-12.9	88.5	167	187.1
5410	-14.0	86.6	169	182.3
5420	-17.5	84.8	171	177.0
5430	-15.7	83.3	172	142.4
5440	-5.4	81.9	174	137.1
5450	1.6	80.6	175	106.4
5460	0.9	79.6	176	101.9
5470	0.7	78.7	177	87.0
5480	-0.1	77.8	178	74.0
5490	-7.9	77.2	178	63.3
5500	-20.3	76.7	179	51.9
5510	-27.9	76.2	179	42.8
5520	-28.1	75.8	180	38.0
5530	-23.5	75.6	180	27.1
5540	-17.9	75.3	180	19.1
5550	-15.9	75.2	180	14.9
5560	-19.7	75.0	180	12.7
5570	-25.2	75.0	180	4.7
5580	-29.3	75.0	180	-1.0
5590	-31.2	75.0	180	-6.3
5600	-29.4	75.2	180	-13.5
5610	-28.5	75.4	180	-20.7
5620	-31.1	75.6	180	-27.9
5630	-36.9	76.0	179	-43.6
5640	-41.8	76.5	179	-49.7
5650	-43.1	77.1	178	-55.3
5660	-39.5	77.8	178	-80.3
5670	-33.6	78.6	177	-91.8
5680	-29.6	79.5	176	-92.6
5690	-29.4	80.5	175	-90.5
5700	-33.2	81.6	174	-119.0
5710	-36.5	82.7	173	-117.4
5720	-38.1	83.9	172	-114.2
5730	-36.2	85.3	170	-123.2
5740	-33.4	86.8	169	-146.4
5750	-32.5	88.3	167	-155.7
5760	-34.6	89.9	166	-164.5
5770	-35.8	91.6	164	-174.3
5780	-34.8	93.5	162	-183.9
5790	-32.4	95.4	160	-192.7
5800	-29.3	97.4	158	-201.5
5810	-27.0	99.4	156	-209.2
5820	-25.8	101.6	154	-216.1
5830	-25.6	103.8	152	-222.8
5840	-26.2	106.1	149	-229.4
5850	-26.2	108.4	147	-236.1
5860	-23.6	110.8	145	-242.7
5870	-19.8	113.3	142	-248.1
5880	-16.4	115.8	140	-252.9

5890	-14.1	118.4	137	-256.3
5900	-13.0	120.9	135	-258.7
5910	-13.3	123.6	132	-261.4
5920	-14.4	126.2	129	-264.0
5930	-14.2	128.8	127	-267.2
5940	-11.7	131.5	124	-269.6
5950	-9.1	134.3	121	-272.0
5960	-6.1	137.0	118	-272.8
5970	-4.6	139.7	116	-273.4
5980	-4.9	142.4	113	-273.4
5990	-7.5	145.2	110	-273.6
6000	-7.9	147.9	108	-275.0
6010	-7.7	150.7	105	-275.8
6020	-6.2	153.4	102	-276.8
6030	-3.5	156.2	99	-277.4
6040	-2.6	159.0	96	-277.4
6050	-3.3	161.8	94	-276.8
6060	-3.7	164.5	91	-276.0
6070	-4.9	167.3	88	-276.0
6080	-5.8	170.0	85	-276.0
6090	-5.3	172.8	83	-276.3
6100	-3.3	175.6	80	-276.3
6110	-2.3	178.3	77	-276.0
6120	-2.3	181.1	74	-275.5
6130	-2.4	183.8	72	-274.7
6140	-2.4	186.6	69	-274.2
6150	-2.3	189.3	66	-273.6
6160	-1.8	192.1	63	-273.1
6170	2.8	194.8	61	-271.8
6180	6.5	197.5	58	-269.1
6190	6.4	200.1	55	-266.4
6200	1.6	202.8	53	-263.2
6210	-2.3	205.4	50	-261.9
6220	-2.4	208.0	47	-261.4
6230	-0.7	210.6	45	-261.1
6240	3.3	213.2	42	-259.5
6250	7.1	215.8	40	-256.6
6260	8.8	218.4	37	-253.1
6270	7.5	220.9	35	-249.1
6280	5.2	223.3	32	-245.9
6290	3.0	225.8	30	-243.3
6300	3.5	228.2	27	-241.1
6310	6.1	230.6	25	-238.8
6320	8.8	232.9	23	-235.6
6330	10.7	235.3	20	-231.6
6340	11.4	237.5	18	-226.8
6350	11.1	239.8	16	-222.5
6360	11.3	242.0	13	-218.0
6370	12.5	244.1	11	-213.7
6380	14.4	246.2	9	-208.7
6390	16.3	248.3	7	-203.1
6400	16.1	250.3	5	-197.2
6410	14.6	252.2	3	-191.4
6420	14.2	254.1	1	-186.3

6430	12.9	255.9	0	-194.0
6440	3.1	257.3	-2	-151.2
6450	-2.3	258.7	-3	-130.1
6460	-1.4	259.8	-4	-99.3
6470	-1.6	260.8	-5	-94.2
6480	-0.4	261.7	-6	-71.6
6490	0.0	262.4	-7	-67.8
6500	9.4	263.0	-8	-51.6
6510	27.1	263.5	-8	-46.0
6520	36.1	263.9	-8	-32.2
6530	36.7	264.1	-9	-25.0
6540	30.8	264.3	-9	-13.8
6550	23.2	264.4	-9	-7.7
6560	20.7	264.4	-9	-1.0
6570	26.2	264.4	-9	0.7
6580	36.3	264.4	-9	7.1
6590	42.0	264.2	-9	15.7
6600	41.1	264.0	-9	26.3
6610	34.4	263.6	-8	44.4
6620	28.6	263.1	-8	49.7
6630	26.7	262.6	-7	52.4
6640	30.0	261.9	-6	65.2
6650	36.1	261.2	-6	80.9
6660	39.3	260.4	-5	83.3
6670	38.0	259.5	-4	84.1
6680	31.9	258.4	-3	114.2
6690	25.6	257.4	-2	111.8
6700	22.6	256.2	-1	106.7
6710	25.1	255.0	0	112.0
6720	29.7	253.6	2	131.5
6730	32.1	252.3	3	139.7
6740	30.4	250.8	5	148.5
6750	25.0	249.2	6	156.5
6760	19.0	247.6	8	162.9
6770	16.3	246.0	9	167.7
6780	17.4	244.3	11	171.9
6790	19.9	242.5	13	176.2
6800	21.6	240.7	15	181.2
6810	19.9	238.8	17	186.8
6820	16.0	236.9	19	191.9
6830	11.9	235.0	20	195.6
6840	9.8	233.0	22	198.0
6850	11.0	231.0	24	200.1
6860	13.0	229.0	26	202.3
6870	14.6	227.0	28	205.5
6880	13.8	224.9	31	208.7
6890	11.0	222.8	33	211.6
6900	8.0	220.6	35	213.5
6910	7.3	218.5	37	214.8
6920	8.8	216.3	39	215.9
6930	11.1	214.2	41	217.7
6940	11.4	212.0	43	219.6
6950	8.4	209.8	46	222.0
6960	4.2	207.5	48	223.0

6970	2.0	205.3	50	223.6
6980	2.4	203.1	52	223.0
6990	4.5	200.8	55	223.0
7000	8.0	198.6	57	223.6
7010	10.6	196.3	59	224.9
7020	9.8	194.1	61	226.2
7030	5.8	191.8	64	228.4
7040	2.2	189.5	66	228.9
7050	2.0	187.2	68	228.4
7060	2.4	184.9	71	227.8
7070	5.2	182.7	73	227.6
7080	8.0	180.4	75	228.1
7090	9.8	178.1	77	229.7
7100	9.4	175.8	80	231.3
7110	6.9	173.5	82	232.6
7120	4.2	171.1	84	233.4
7130	3.7	168.8	87	233.4
7140	5.6	166.5	89	233.7
7150	8.7	164.1	91	234.2
7160	9.6	161.8	94	235.6
7170	8.4	159.4	96	237.7
7180	4.6	157.0	98	238.8
7190	2.4	154.6	101	238.8
7200	2.7	152.2	103	238.8
7210	4.3	149.8	106	238.2
7220	6.4	147.5	108	238.8
7230	6.6	145.1	110	239.3
7240	4.9	142.7	113	240.1
7250	2.6	140.3	115	240.1
7260	1.9	137.9	118	239.8
7270	1.9	135.5	120	239.6
7280	1.9	133.1	122	238.8
7290	1.8	130.7	125	238.0
7300	1.8	128.3	127	237.7
7310	1.8	126.0	129	236.9
7320	1.8	123.6	132	236.4
7330	0.9	121.2	134	236.1
7340	-3.8	118.9	137	234.5
7350	-7.1	116.6	139	232.1
7360	-6.1	114.3	141	228.9
7370	-2.7	112.0	143	226.2
7380	-1.1	109.7	146	224.6
7390	-1.9	107.5	148	223.0
7400	-5.3	105.3	150	221.2
7410	-10.0	103.1	152	217.7
7420	-12.6	101.0	154	213.5
7430	-11.5	98.9	157	208.7
7440	-8.8	96.8	159	204.7
7450	-8.0	94.8	161	200.9
7460	-10.2	92.8	163	197.5
7470	-14.0	90.8	165	193.2
7480	-15.9	89.0	166	187.9
7490	-16.5	87.1	168	182.0
7500	-16.4	85.3	170	176.5

7510	-12.7	83.7	172	147.4
7520	-2.3	82.3	173	142.4
7530	1.8	81.0	174	110.2
7540	1.1	79.9	176	105.6
7550	0.9	78.9	177	90.2
7560	0.0	78.1	177	77.4
7570	-1.9	77.5	178	59.3
7580	-15.3	76.9	179	54.8
7590	-28.2	76.4	179	44.7
7600	-33.5	76.0	179	38.6
7610	-29.7	75.7	180	25.8
7620	-22.9	75.5	180	16.2
7630	-19.8	75.4	180	11.9
7640	-24.5	75.3	180	6.1
7650	-34.6	75.3	180	-1.8
7660	-42.8	75.4	180	-7.1
7670	-44.1	75.5	180	-16.5
7680	-38.4	75.8	180	-27.1
7690	-31.1	76.2	179	-36.7
7700	-29.4	76.7	179	-45.2
7710	-35.4	77.2	178	-63.8
7720	-42.8	77.9	178	-67.6
7730	-46.1	78.7	177	-79.3
7740	-41.8	79.5	176	-91.3
7750	-32.1	80.5	175	-102.4
7760	-25.4	81.6	174	-99.5
7770	-26.0	82.7	173	-105.6
7780	-33.6	84.0	171	-136.8
7790	-40.1	85.3	170	-146.9
7800	-41.4	86.8	169	-144.5
7810	-35.8	88.3	167	-156.0
7820	-29.7	89.9	166	-165.3
7830	-26.4	91.6	164	-173.5
7840	-28.9	93.4	162	-180.7
7850	-33.9	95.3	160	-188.2
7860	-35.9	97.2	158	-197.5
7870	-32.3	99.3	156	-207.1
7880	-25.4	101.4	154	-215.3
7890	-19.7	103.6	152	-221.4
7900	-19.8	105.9	150	-226.5
7910	-24.7	108.2	147	-231.8
7920	-28.5	110.6	145	-238.2
7930	-27.7	113.0	142	-244.9
7940	-22.0	115.5	140	-252.1
7950	-14.6	118.1	137	-257.1
7960	-9.2	120.6	135	-259.8
7970	-9.1	123.3	132	-261.4
7980	-13.2	125.9	130	-263.2
7990	-17.1	128.5	127	-265.6
8000	-16.5	131.2	124	-269.1
8010	-12.7	133.9	122	-272.6
8020	-6.2	136.7	119	-275.0
8030	-2.6	139.4	116	-275.0
8040	-2.8	142.2	113	-274.7

8050	-4.6	144.9	111	-273.9
8060	-7.9	147.7	108	-274.4
8070	-9.9	150.4	105	-275.5
8080	-8.7	153.2	102	-277.4
8090	-3.9	156.0	99	-278.4
8100	-2.2	158.7	97	-278.2
8110	-2.6	161.5	94	-277.6
8120	-2.6	164.3	91	-276.8
8130	-2.6	167.0	88	-276.6
8140	-2.7	169.8	86	-275.8
8150	-2.7	172.6	83	-275.2
8160	-2.7	175.3	80	-274.7
8170	-2.7	178.1	77	-274.2
8180	-2.6	180.8	75	-273.9
8190	-2.6	183.5	72	-272.8
8200	-2.4	186.3	69	-272.6
8210	-2.3	189.0	66	-272.0
8220	-2.3	191.7	64	-271.2
8230	-2.2	194.4	61	-270.7
8240	-0.7	197.1	58	-269.9
8250	4.2	199.8	56	-268.0
8260	6.1	202.5	53	-265.1
8270	3.5	205.1	50	-262.2
8280	-0.7	207.7	48	-260.0
8290	-2.7	210.3	45	-259.5
8300	-2.4	212.9	43	-258.7
8310	-1.6	215.5	40	-258.2
8320	2.0	218.0	37	-257.1
8330	6.5	220.6	35	-255.0
8340	8.8	223.1	32	-251.3
8350	8.1	225.6	30	-247.8
8360	6.6	228.1	27	-244.1
8370	5.7	230.5	25	-240.9
8380	6.6	232.9	23	-238.0
8390	9.8	235.2	20	-234.5
8400	12.6	237.5	18	-230.2
8410	13.6	239.8	16	-225.2
8420	12.6	242.0	13	-219.9
8430	11.5	244.2	11	-215.3
8440	11.0	246.3	9	-211.1
8450	12.7	248.4	7	-206.5
8460	15.7	250.4	5	-201.2
8470	19.5	252.4	3	-195.1
8480	22.5	254.3	1	-187.9
8490	19.3	256.0	-1	-155.4
8500	4.9	257.5	-2	-148.5
8510	-2.3	258.8	-3	-115.0
8520	-1.9	260.0	-5	-109.1
8530	-8.8	261.0	-6	-101.9
8540	-8.5	261.8	-6	-79.3
8550	0.0	262.5	-7	-73.2
8560	0.1	263.1	-8	-56.7
8570	11.9	263.6	-8	-52.1
8580	30.4	264.0	-9	-37.0

8590	39.1	264.2	-9	-23.6
8600	38.4	264.4	-9	-15.1
8610	30.5	264.5	-9	-4.2
8620	21.6	264.5	-9	1.5
8630	20.7	264.5	-9	4.2
8640	24.5	264.4	-9	10.3
8650	30.4	264.2	-9	17.5
8660	34.4	264.0	-9	27.1
8670	34.2	263.7	-8	33.8
8680	30.5	263.3	-8	39.1
8690	26.7	262.8	-7	56.9
8700	25.4	262.2	-7	59.1
8710	26.8	261.6	-6	59.3
8720	29.4	260.9	-5	66.2
8730	31.1	260.1	-5	74.0
8740	30.2	259.2	-4	98.7
8750	27.5	258.3	-3	97.7
8760	24.7	257.2	-2	94.2
8770	23.6	256.1	-1	122.7
8780	24.8	254.9	1	129.3
8790	26.3	253.7	2	124.3
8800	25.9	252.4	3	131.7
8810	24.3	251.0	4	138.7
8820	21.7	249.6	6	145.3
8830	19.1	248.1	7	150.6
8840	17.9	246.5	9	155.7
8850	18.7	244.9	11	160.2
8860	20.1	243.3	12	165.3
8870	20.7	241.6	14	170.3
8880	19.1	239.9	16	175.7
8890	16.1	238.1	17	180.2
8900	12.9	236.2	19	183.9
8910	10.8	234.4	21	186.8
8920	10.7	232.5	23	189.2
8930	11.8	230.6	25	191.6
8940	12.3	228.7	27	193.8
8950	12.2	226.7	29	196.7
8960	11.0	224.7	31	199.6
8970	9.6	222.7	33	201.7
8980	7.9	220.7	35	203.6
8990	7.2	218.6	37	204.9
9000	7.2	216.6	39	206.0
9010	8.5	214.5	41	207.1
9020	9.8	212.4	43	208.7
9030	9.8	210.3	45	210.8
9040	8.3	208.2	47	212.7
9050	6.1	206.0	49	213.7
9060	4.3	203.9	52	214.5
9070	3.1	201.8	54	214.8
9080	3.0	199.6	56	214.8
9090	3.4	197.5	58	214.8
9100	5.0	195.3	60	214.8
9110	6.4	193.2	62	215.3
9120	6.5	191.0	64	216.1

9130	5.3	188.8	67	216.9
9140	3.9	186.7	69	217.2
9150	3.3	184.5	71	217.5
9160	3.9	182.3	73	217.5
9170	4.6	180.1	75	217.5
9180	6.5	177.9	78	218.3
9190	8.3	175.8	80	218.8
9200	8.3	173.6	82	220.1
9210	6.6	171.3	84	221.4
9220	5.6	169.1	86	222.5
9230	5.7	166.9	89	223.0
9240	7.6	164.7	91	223.3
9250	9.2	162.4	93	224.6
9260	10.0	160.2	95	226.5
9270	8.8	157.9	98	228.4
9280	6.5	155.6	100	229.7
9290	5.0	153.3	102	230.2
9300	5.3	151.0	104	230.8
9310	6.4	148.7	107	231.6
9320	7.6	146.3	109	232.1
9330	6.6	144.0	111	233.4
9340	5.4	141.7	114	234.2
9350	3.9	139.3	116	234.5
9360	2.8	137.0	118	234.8
9370	2.6	134.6	121	234.8
9380	2.8	132.3	123	234.0
9390	2.7	129.9	126	233.7
9400	2.3	127.6	128	233.4
9410	1.8	125.3	130	232.9
9420	1.8	122.9	133	232.4
9430	1.6	120.6	135	231.8
9440	1.2	118.3	137	231.0
9450	-3.1	116.0	139	230.2
9460	-8.5	113.7	142	227.6
9470	-9.4	111.5	144	223.8
9480	-6.1	109.3	146	220.6
9490	-1.4	107.1	148	218.0
9500	-0.1	104.9	151	216.9
9510	-3.5	102.7	153	215.3
9520	-8.0	100.6	155	212.9
9530	-9.5	98.5	157	209.2
9540	-7.9	96.4	159	205.7
9550	-5.7	94.4	161	202.5
9560	-5.8	92.4	163	200.1
9570	-8.1	90.4	165	197.0
9580	-11.0	88.5	167	193.2
9590	-14.6	86.6	169	188.7
9600	-18.0	84.8	171	165.0
9610	-14.4	83.1	172	146.6
9620	-1.1	81.7	174	140.2
9630	1.9	80.4	175	107.8
9640	2.6	79.3	176	102.4
9650	3.0	78.4	177	87.3
9660	-0.3	77.6	178	80.9

9670	-0.9	77.0	178	62.5
9680	-13.4	76.5	179	51.9
9690	-25.6	76.0	179	41.5
9700	-30.1	75.7	180	29.5
9710	-23.9	75.4	180	27.1
9720	-16.7	75.2	180	21.0
9730	-14.2	75.0	180	14.9
9740	-19.4	74.9	181	11.7
9750	-28.1	74.8	181	4.2
9760	-35.9	74.9	181	-1.5
9770	-39.3	74.9	181	-10.6
9780	-36.3	75.1	180	-19.7
9790	-32.1	75.4	180	-29.5
9800	-32.3	75.7	180	-34.3
9810	-38.1	76.2	179	-52.1
9820	-43.5	76.7	179	-58.0
9830	-45.3	77.4	178	-63.0
9840	-41.5	78.2	177	-75.3
9850	-33.2	79.1	176	-84.1
9860	-26.6	80.1	175	-93.7
9870	-25.8	81.2	174	-98.2
9880	-29.7	82.4	173	-128.0
9890	-34.3	83.5	172	-124.0
9900	-35.8	84.8	171	-119.8
9910	-32.7	86.3	169	-142.6
9920	-29.0	87.8	168	-151.4
9930	-27.3	89.4	166	-158.9
9940	-28.6	91.0	164	-166.9
9950	-31.2	92.8	163	-174.3
9960	-31.7	94.6	161	-182.6
9970	-29.4	96.5	159	-191.4
9980	-25.0	98.4	157	-198.6
9990	-20.6	100.5	155	-204.9
10000	-18.3	102.5	153	-210.0
10010	-18.4	104.7	151	-214.8
10020	-20.2	106.9	149	-219.1
10030	-19.9	109.1	146	-223.8
10040	-16.3	111.4	144	-228.4
10050	-11.8	113.7	142	-231.8
10060	-8.7	116.0	139	-234.0
10070	-7.3	118.4	137	-235.3
10080	-7.6	120.7	135	-236.1
10090	-8.7	123.1	132	-237.4
10100	-9.5	125.5	130	-238.8
10110	-7.9	127.9	128	-240.1
10120	-4.2	130.3	125	-240.9
10130	-2.3	132.7	123	-241.4
10140	-2.3	135.1	120	-240.9
10150	-2.3	137.5	118	-240.6
10160	-2.4	139.9	116	-239.8
10170	-2.3	142.3	113	-239.6
10180	-2.4	144.7	111	-239.6
10190	-2.4	147.1	108	-239.0
10200	-2.4	149.5	106	-238.5

10210	-2.6	151.9	104	-237.7
10220	-3.0	154.2	101	-237.2
10230	-3.5	156.6	99	-237.2
10240	-3.5	159.0	96	-237.2
10250	-3.9	161.3	94	-236.9
10260	-3.5	163.7	92	-237.2
10270	-3.0	166.1	89	-236.6
10280	-2.6	168.4	87	-236.4
10290	-2.6	170.8	85	-236.1
10300	-2.6	173.2	82	-235.6
10310	-2.6	175.5	80	-235.3
10320	-2.7	177.9	78	-235.0
10330	-3.0	180.2	75	-234.8
10340	-3.1	182.6	73	-234.5
10350	-2.8	184.9	71	-234.2
10360	-2.6	187.3	68	-234.0
10370	-2.2	189.6	66	-234.0
10380	-2.0	191.9	64	-233.2
10390	-2.0	194.2	61	-232.6
10400	-2.0	196.6	59	-232.1
10410	-2.0	198.9	57	-231.6
10420	-0.9	201.2	54	-231.3
10430	2.3	203.5	52	-230.2
10440	4.7	205.8	50	-227.6
10450	3.1	208.0	47	-225.4
10460	-0.7	210.3	45	-224.1
10470	-2.6	212.5	43	-222.8
10480	-2.6	214.8	41	-222.5
10490	-2.2	217.0	38	-222.5
10500	-2.0	219.2	36	-222.0
10510	-1.2	221.4	34	-221.4
10520	1.9	223.6	32	-220.1
10530	5.0	225.8	30	-218.0
10540	6.1	228.0	27	-215.6
10550	5.3	230.1	25	-212.4
10560	3.7	232.2	23	-210.3
10570	2.6	234.3	21	-208.1
10580	3.0	236.4	19	-206.3
10590	4.7	238.4	17	-203.9
10600	7.1	240.4	15	-201.2
10610	8.5	242.4	13	-198.0
10620	8.8	244.4	11	-194.3
10630	8.5	246.3	9	-190.8
10640	9.4	248.2	7	-187.4
10650	10.2	250.0	5	-183.4
10660	11.5	251.8	4	-179.4
10670	13.6	253.6	2	-174.9
10680	14.2	255.2	0	-152.5
10690	5.8	256.8	-1	-161.5
10700	-2.3	258.1	-3	-128.5
10710	-1.9	259.3	-4	-121.9
10720	-8.9	260.2	-5	-95.8
10730	-12.3	261.1	-6	-83.0
10740	-5.7	261.8	-6	-63.8

10750	0.0	262.5	-7	-65.7
10760	0.5	263.0	-8	-52.4
10770	17.0	263.5	-8	-38.8
10780	31.9	263.8	-8	-36.7
10790	36.9	264.1	-9	-23.1
10800	32.1	264.3	-9	-14.3
10810	23.7	264.3	-9	-5.3
10820	17.4	264.3	-9	0.7
10830	20.1	264.3	-9	1.3
10840	26.2	264.3	-9	7.9
10850	31.9	264.1	-9	13.5
10860	33.5	263.9	-8	20.4
10870	30.5	263.7	-8	28.2
10880	25.4	263.3	-8	43.6
10890	22.8	262.8	-7	46.3
10900	23.7	262.3	-7	47.3
10910	27.8	261.7	-6	65.4
10920	30.4	261.1	-6	73.7
10930	30.0	260.4	-5	75.0
10940	27.3	259.6	-4	74.5
10950	23.2	258.6	-3	99.3
10960	21.3	257.7	-2	96.1
10970	22.1	256.7	-1	91.5
10980	24.3	255.7	0	96.9
10990	25.8	254.5	1	114.4
11000	24.1	253.3	2	121.1
11010	20.2	252.0	3	127.7
11020	16.7	250.7	5	133.1
11030	15.7	249.3	6	137.6
11040	16.7	247.9	8	141.3
11050	18.6	246.5	9	145.8
11060	19.4	245.0	10	150.6
11070	18.2	243.5	12	155.7
11080	15.1	241.9	14	160.2
11090	12.1	240.2	15	163.9
11100	11.0	238.6	17	166.9
11110	11.9	236.9	19	169.3
11120	13.3	235.2	20	171.7
11130	14.1	233.4	22	175.1
11140	13.3	231.7	24	178.3
11150	10.8	229.8	26	181.2
11160	7.6	228.0	27	183.1
11170	6.1	226.2	29	184.7
11180	7.1	224.3	31	185.8
11190	8.7	222.5	33	187.1
11200	9.2	220.6	35	188.7
11210	8.7	218.7	37	190.8
11220	6.5	216.7	39	192.4
11230	4.9	214.8	41	193.2
11240	5.0	212.9	43	193.8
11250	6.1	210.9	45	194.6
11260	7.7	209.0	46	195.4
11270	8.5	207.0	48	196.7
11280	8.5	205.0	50	198.0

11290	6.9	203.0	52	199.6
11300	4.5	201.0	54	200.7
11310	1.9	199.0	56	200.7
11320	1.8	197.0	58	200.1
11330	2.0	195.0	60	200.1
11340	3.3	193.0	62	199.6
11350	6.2	191.0	64	199.9
11360	8.1	189.0	66	200.7
11370	8.4	187.0	68	202.3
11380	6.2	185.0	70	203.6
11390	4.5	182.9	73	204.7
11400	3.3	180.9	75	204.9
11410	4.1	178.8	77	204.9
11420	6.8	176.8	79	205.2
11430	9.1	174.7	81	206.5
11440	9.4	172.6	83	208.4
11450	6.9	170.5	85	209.7
11460	5.0	168.4	87	211.1
11470	4.7	166.3	89	211.6
11480	6.6	164.2	91	212.1
11490	8.8	162.1	93	212.9
11500	10.3	159.9	96	214.8
11510	9.5	157.8	98	216.9
11520	7.3	155.6	100	218.5
11530	6.4	153.4	102	219.1
11540	7.6	151.2	104	219.9
11550	9.1	149.0	106	221.2
11560	10.2	146.8	109	222.8
11570	9.1	144.5	111	224.9
11580	7.9	142.3	113	226.0
11590	6.4	140.0	115	227.0
11600	6.1	137.7	118	227.8
11610	6.2	135.4	120	228.9
11620	7.9	133.1	122	229.7
11630	7.7	130.8	125	231.3
11640	7.1	128.5	127	232.4
11650	5.2	126.2	129	233.2
11660	4.2	123.8	132	233.7
11670	3.9	121.5	134	234.0
11680	4.5	119.1	136	234.0
11690	4.5	116.8	139	234.5
11700	4.3	114.5	141	234.8
11710	2.8	112.1	143	234.5
11720	1.8	109.8	146	234.2
11730	1.8	107.4	148	233.7
11740	1.5	105.1	150	233.4
11750	-0.1	102.8	153	232.6
11760	-7.5	100.5	155	230.5
11770	-11.3	98.2	157	226.2
11780	-9.9	95.9	160	221.7
11790	-6.0	93.8	162	218.3
11800	-4.3	91.6	164	215.9
11810	-5.7	89.5	166	212.9
11820	-11.0	87.3	168	209.7

11830	-17.0	85.3	170	205.2
11840	-16.0	83.4	172	169.5
11850	0.4	81.7	174	174.6
11860	3.1	80.4	175	134.4
11870	12.6	79.2	176	112.8
11880	16.4	78.2	177	95.0
11890	7.7	77.4	178	78.8
11900	-1.2	76.7	179	64.1
11910	-14.0	76.1	179	57.7
11920	-31.1	75.7	180	41.2
11930	-33.9	75.3	180	32.2
11940	-28.7	75.1	180	21.2
11950	-20.2	74.9	181	18.6
11960	-16.4	74.8	181	12.5
11970	-19.8	74.7	181	7.1
11980	-27.9	74.6	181	1.0
11990	-35.4	74.7	181	-3.1
12000	-37.2	74.8	181	-12.2
12010	-33.1	75.0	180	-20.4
12020	-27.9	75.3	180	-28.2
12030	-27.9	75.6	180	-35.4
12040	-35.0	76.1	179	-52.1
12050	-41.9	76.6	179	-57.2
12060	-44.7	77.3	178	-62.0
12070	-40.0	78.1	177	-89.1
12080	-31.2	79.0	176	-91.3
12090	-22.9	79.9	176	-89.7
12100	-20.7	81.0	174	-95.0
12110	-24.4	82.1	173	-122.1
12120	-28.6	83.2	172	-117.6
12130	-30.0	84.5	171	-112.3
12140	-26.3	85.8	170	-132.8
12150	-21.7	87.2	168	-139.5
12160	-19.4	88.6	167	-145.3
12170	-21.7	90.1	165	-150.4
12180	-24.0	91.7	164	-156.2
12190	-24.1	93.3	162	-162.6
12200	-20.7	95.0	160	-168.5
12210	-15.9	96.7	159	-174.1
12220	-12.9	98.5	157	-177.8
12230	-13.2	100.3	155	-180.7
12240	-15.7	102.1	153	-184.2
12250	-17.6	104.0	151	-187.9
12260	-17.9	105.9	150	-192.4
12270	-16.0	107.8	148	-196.7
12280	-12.6	109.8	146	-200.9
12290	-9.6	111.9	144	-203.3
12300	-9.8	113.9	142	-205.2
12310	-12.2	116.0	139	-207.6
12320	-14.0	118.1	137	-210.3
12330	-13.3	120.2	135	-213.5
12340	-11.0	122.4	133	-216.1
12350	-9.1	124.5	131	-218.3
12360	-9.1	126.7	129	-220.1

12370	-9.9	129.0	126	-221.7
12380	-10.6	131.2	124	-223.6
12390	-10.8	133.4	122	-225.7
12400	-9.5	135.7	120	-227.6
12410	-7.1	138.0	117	-228.9
12420	-5.4	140.3	115	-230.0
12430	-6.0	142.6	113	-231.0
12440	-8.5	144.9	111	-231.6
12450	-9.2	147.2	108	-233.4
12460	-8.9	149.6	106	-234.8
12470	-8.4	151.9	104	-236.4
12480	-6.4	154.3	101	-237.7
12490	-5.0	156.7	99	-238.2
12500	-4.1	159.1	96	-238.5
12510	-6.4	161.5	94	-238.8
12520	-9.5	163.9	92	-239.6
12530	-10.8	166.3	89	-240.9
12540	-8.8	168.7	87	-242.7
12550	-5.7	171.1	84	-244.1
12560	-3.5	173.6	82	-244.6
12570	-3.4	176.0	79	-244.6
12580	-4.9	178.5	77	-244.3
12590	-7.1	180.9	75	-244.6
12600	-7.6	183.4	72	-245.7
12610	-7.2	185.8	70	-247.3
12620	-5.8	188.3	67	-247.8
12630	-3.4	190.8	65	-248.3
12640	-2.6	193.3	62	-248.1
12650	-2.7	195.8	60	-247.8
12660	-4.3	198.2	57	-247.3
12670	-6.5	200.7	55	-247.5
12680	-7.7	203.2	52	-248.1
12690	-6.6	205.7	50	-248.9
12700	-3.3	208.2	47	-249.1
12710	-2.0	210.7	45	-249.1
12720	-2.2	213.2	42	-248.3
12730	-2.3	215.6	40	-248.1
12740	-2.2	218.1	37	-247.3
12750	-1.9	220.6	35	-246.7
12760	0.3	223.0	32	-246.2
12770	3.3	225.5	30	-244.3
12780	4.5	227.9	28	-241.9
12790	3.5	230.3	25	-239.6
12800	1.8	232.7	23	-238.0
12810	1.4	235.1	20	-236.1
12820	2.2	237.4	18	-234.0
12830	4.7	239.7	16	-232.4
12840	8.4	242.0	13	-229.2
12850	11.1	244.3	11	-225.2
12860	11.5	246.5	9	-221.2
12870	11.7	248.7	7	-216.4
12880	11.4	250.8	5	-211.9
12890	13.6	252.9	3	-207.3
12900	17.0	254.9	1	-181.5

12910	11.7	256.7	-1	-160.0
12920	-3.3	258.3	-3	-150.6
12930	-3.8	259.6	-4	-113.9
12940	-18.3	260.7	-5	-107.2
12950	-23.6	261.7	-6	-90.5
12960	-14.1	262.5	-7	-82.5
12970	1.4	263.1	-8	-61.7
12980	5.6	263.7	-8	-55.9
12990	27.8	264.1	-9	-39.6
13000	42.3	264.4	-9	-30.0
13010	42.0	264.6	-9	-14.1
13020	31.2	264.6	-9	-2.6
13030	19.8	264.6	-9	1.3
13040	16.0	264.6	-9	6.9
13050	19.7	264.5	-9	10.3
13060	28.3	264.3	-9	15.7
13070	36.6	264.1	-9	23.1
13080	38.5	263.7	-8	32.7
13090	33.9	263.3	-8	41.7
13100	27.7	262.8	-7	55.3
13110	25.1	262.2	-7	56.4
13120	27.7	261.4	-6	76.4
13130	33.1	260.7	-5	84.9
13140	36.9	259.9	-4	94.7
13150	36.2	259.0	-4	95.8
13160	30.8	257.9	-2	105.6
13170	25.9	256.8	-1	113.1
13180	23.7	255.6	0	107.8
13190	26.4	254.3	1	126.4
13200	30.1	253.0	2	133.9
13210	31.5	251.6	4	142.1
13220	28.7	250.1	5	150.6
13230	22.8	248.6	7	158.1
13240	17.1	246.9	9	164.2
13250	15.2	245.3	10	168.2
13260	17.0	243.6	12	172.2
13270	20.7	241.8	14	176.5
13280	22.5	240.0	15	181.8
13290	20.2	238.1	17	187.4
13300	15.2	236.2	19	192.4
13310	10.6	234.3	21	195.6
13320	8.9	232.3	23	197.8
13330	9.9	230.3	25	199.6
13340	10.7	228.3	27	201.7
13350	10.6	226.3	29	204.1
13360	9.2	224.2	31	206.5
13370	6.8	222.1	33	208.1
13380	4.7	220.0	35	209.2
13390	3.9	217.9	38	209.5
13400	4.3	215.8	40	209.5
13410	6.5	213.7	42	210.0
13420	7.6	211.6	44	211.1
13430	6.9	209.5	46	212.1
13440	5.0	207.4	48	213.2

13450	3.7	205.2	50	213.7
13460	4.1	203.1	52	213.5
13470	5.4	201.0	54	214.0
13480	6.0	198.8	57	214.5
13490	5.6	196.7	59	215.3
13500	3.9	194.5	61	215.9
13510	2.0	192.3	63	216.1
13520	1.8	190.2	65	215.9
13530	1.8	188.0	67	215.3
13540	1.8	185.9	70	214.8
13550	1.8	183.7	72	214.3
13560	1.9	181.6	74	213.5
13570	1.9	179.5	76	213.2
13580	2.0	177.3	78	212.7
13590	2.2	175.2	80	212.4
13600	2.4	173.1	82	211.9
13610	3.8	171.0	84	211.6
13620	5.6	168.9	87	212.1
13630	5.8	166.7	89	212.4
13640	5.2	164.6	91	213.2
13650	3.8	162.5	93	213.5
13660	3.7	160.3	95	213.7
13670	3.8	158.2	97	213.7
13680	4.5	156.1	99	214.0
13690	4.9	153.9	102	214.3
13700	5.2	151.8	104	214.5
13710	4.3	149.6	106	214.8
13720	3.4	147.5	108	215.6
13730	2.7	145.3	110	215.3
13740	2.7	143.2	112	214.8
13750	3.4	141.0	114	214.5
13760	3.9	138.9	117	214.8
13770	3.8	136.7	119	214.8
13780	3.0	134.6	121	215.1
13790	2.4	132.4	123	214.8
13800	1.9	130.3	125	214.5
13810	1.8	128.1	127	214.0
13820	1.8	126.0	129	213.5
13830	1.8	123.9	132	213.2
13840	1.8	121.7	134	212.7
13850	1.6	119.6	136	211.9
13860	1.6	117.5	138	211.9
13870	1.1	115.4	140	211.1
13880	-2.0	113.3	142	210.3
13890	-6.4	111.2	144	208.1
13900	-7.1	109.1	146	205.2
13910	-3.5	107.1	148	202.3
13920	-0.1	105.1	150	200.9
13930	-0.1	103.1	152	199.9
13940	-3.0	101.1	154	198.6
13950	-6.0	99.1	156	196.4
13960	-7.3	97.2	158	193.5
13970	-7.5	95.3	160	190.3
13980	-7.5	93.4	162	187.1

13990	-7.7	91.5	164	184.2
14000	-8.4	89.7	166	181.0
14010	-9.8	87.9	168	177.0
14020	-11.4	86.2	169	173.3
14030	-12.6	84.6	171	151.7
14040	-6.6	83.0	172	149.3
14050	2.2	81.7	174	116.3
14060	3.0	80.5	175	112.3
14070	9.8	79.5	176	87.0
14080	10.8	78.7	177	83.8
14090	4.5	77.9	178	71.8
14100	-0.4	77.3	178	61.2
14110	-3.4	76.7	179	47.1
14120	-17.5	76.3	179	43.3
14130	-24.5	75.9	180	35.4
14140	-25.5	75.6	180	25.2
14150	-19.0	75.3	180	23.4
14160	-14.0	75.2	180	16.5
14170	-13.3	75.0	180	11.4
14180	-19.9	74.9	181	8.5
14190	-26.7	74.9	181	1.3
14200	-32.7	74.9	181	-3.1
14210	-34.3	75.0	180	-10.3
14220	-31.9	75.2	180	-22.8
14230	-30.2	75.5	180	-32.4
14240	-32.5	75.8	180	-37.8
14250	-37.7	76.3	179	-42.3
14260	-41.9	76.9	179	-63.3
14270	-41.2	77.5	178	-68.6
14280	-35.9	78.3	177	-71.6
14290	-28.9	79.1	176	-81.4
14300	-24.7	80.1	175	-87.3
14310	-25.6	81.1	174	-93.1
14320	-30.0	82.2	173	-121.6
14330	-33.4	83.3	172	-118.2
14340	-33.1	84.6	171	-114.2
14350	-29.0	86.0	169	-135.7
14360	-25.0	87.4	168	-143.4
14370	-24.1	88.9	167	-150.4
14380	-26.0	90.4	165	-156.8
14390	-28.2	92.1	163	-163.7
14400	-27.8	93.8	162	-171.7
14410	-25.0	95.5	160	-178.3
14420	-22.1	97.4	158	-185.0
14430	-20.3	99.3	156	-190.8
14440	-20.6	101.2	154	-195.6
14450	-21.6	103.2	152	-200.9
14460	-22.2	105.3	150	-206.5
14470	-21.7	107.4	148	-212.1
14480	-18.8	109.5	146	-217.2
14490	-14.9	111.7	144	-221.7
14500	-13.2	114.0	141	-224.6
14510	-13.7	116.2	139	-227.6
14520	-14.9	118.5	137	-230.8

14530	-14.6	120.9	135	-234.0
14540	-13.7	123.2	132	-236.9
14550	-13.0	125.6	130	-239.6
14560	-11.8	128.0	127	-242.2
14570	-10.3	130.5	125	-244.3
14580	-9.4	132.9	123	-246.2
14590	-8.9	135.4	120	-247.8
14600	-7.6	137.9	118	-249.4
14610	-6.1	140.4	115	-250.2
14620	-5.8	142.9	113	-251.3
14630	-6.2	145.4	110	-251.8
14640	-5.8	147.9	108	-252.6
14650	-6.0	150.5	105	-253.7
14660	-5.8	153.0	102	-253.7
14670	-4.6	155.6	100	-254.7
14680	-2.8	158.1	97	-254.5
14690	-2.7	160.6	95	-254.5
14700	-3.0	163.2	92	-253.7
14710	-3.8	165.7	90	-253.7
14720	-4.7	168.3	87	-253.4
14730	-5.4	170.8	85	-253.7
14740	-4.7	173.3	82	-253.9
14750	-3.5	175.9	80	-253.9
14760	-2.7	178.4	77	-253.9
14770	-2.4	180.9	75	-253.4
14780	-2.4	183.5	72	-253.1
14790	-2.4	186.0	69	-252.6
14800	-2.3	188.5	67	-251.8
14810	-2.2	191.0	64	-251.3
14820	-2.3	193.6	62	-251.3
14830	-2.2	196.1	59	-250.5
14840	-2.2	198.6	57	-249.7
14850	-1.5	201.1	54	-249.4
14860	1.8	203.5	52	-248.3
14870	3.9	206.0	49	-246.2
14880	3.3	208.5	47	-243.8
14890	0.5	210.9	45	-241.9
14900	-2.0	213.3	42	-240.9
14910	-2.4	215.7	40	-240.3
14920	-1.9	218.1	37	-239.8
14930	-0.3	220.5	35	-239.3
14940	3.1	222.9	33	-237.7
14950	6.2	225.2	30	-235.3
14960	7.7	227.6	28	-232.1
14970	6.4	229.9	26	-228.9
14980	4.1	232.1	23	-225.7
14990	3.4	234.4	21	-223.8
15000	5.6	236.6	19	-221.4
15010	9.6	238.8	17	-218.3
15020	13.7	240.9	15	-214.3
15030	15.9	243.0	12	-208.9
15040	15.5	245.1	10	-203.1
15050	13.3	247.1	8	-197.5
15060	11.5	249.0	6	-193.0

15070	11.4	250.9	5	-188.7
15080	14.5	252.8	3	-184.4
15090	18.6	254.6	1	-178.3
15100	18.0	256.2	-1	-162.3
15110	7.9	257.6	-2	-124.5
15120	-2.3	258.9	-3	-120.8
15130	-1.2	259.9	-4	-93.7
15140	-0.9	260.9	-5	-88.9
15150	-0.4	261.7	-6	-68.1
15160	3.7	262.4	-7	-70.8
15170	15.9	262.9	-7	-54.0
15180	26.4	263.4	-8	-48.1
15190	31.3	263.7	-8	-35.1
15200	30.8	264.0	-9	-23.1
15210	26.3	264.2	-9	-17.5
15220	22.5	264.3	-9	-11.9
15230	22.0	264.4	-9	-4.2
15240	25.2	264.4	-9	0.7
15250	31.7	264.4	-9	4.2
15260	34.8	264.3	-9	11.9
15270	34.2	264.1	-9	20.2
15280	31.1	263.8	-8	28.4
15290	28.2	263.4	-8	44.7
15300	28.2	262.9	-7	47.9
15310	30.4	262.4	-7	50.3
15320	33.0	261.7	-6	70.8
15330	33.6	261.0	-6	80.6
15340	31.7	260.3	-5	82.2
15350	29.2	259.4	-4	81.4
15360	27.3	258.4	-3	108.0
15370	27.0	257.4	-2	105.1
15380	28.1	256.3	-1	101.1
15390	29.0	255.1	0	108.0
15400	28.2	253.8	2	127.7
15410	25.5	252.4	3	135.5
15420	21.8	251.0	4	141.8
15430	19.8	249.6	6	148.0
15440	18.4	248.0	7	153.0
15450	19.0	246.5	9	157.8
15460	20.1	244.9	11	162.9
15470	20.2	243.2	12	167.9
15480	18.6	241.5	14	173.0
15490	16.1	239.7	16	177.5
15500	13.2	237.9	18	181.5
15510	11.7	236.1	19	184.7
15520	11.4	234.2	21	187.1
15530	12.5	232.3	23	189.8
15540	13.4	230.4	25	192.7
15550	12.3	228.4	27	195.4
15560	10.0	226.5	29	198.3
15570	8.4	224.5	31	200.4
15580	7.2	222.5	33	202.0
15590	7.1	220.4	35	203.1
15600	7.9	218.4	37	204.1

15610	8.8	216.3	39	205.5
15620	10.3	214.3	41	207.1
15630	10.0	212.2	43	209.2
15640	7.3	210.1	45	211.1
15650	3.7	208.0	47	212.1
15660	1.8	205.8	50	212.1
15670	1.9	203.7	52	211.6
15680	2.6	201.6	54	211.6
15690	3.8	199.5	56	211.3
15700	5.7	197.4	58	211.3
15710	6.8	195.2	60	211.9
15720	5.6	193.1	62	213.2
15730	2.8	191.0	64	213.7
15740	1.8	188.8	67	213.5
15750	1.9	186.7	69	213.2
15760	2.2	184.6	71	212.7
15770	3.8	182.5	73	212.4
15780	6.2	180.3	75	212.7
15790	8.3	178.2	77	213.7
15800	8.5	176.1	79	214.8
15810	6.5	173.9	82	216.4
15820	4.1	171.7	84	217.2
15830	3.1	169.6	86	217.5
15840	4.2	167.4	88	217.2
15850	6.8	165.2	90	217.5
15860	8.7	163.0	92	218.5
15870	8.7	160.8	95	220.1
15880	6.5	158.6	97	221.7
15890	3.8	156.4	99	222.5
15900	3.3	154.2	101	222.5
15910	4.6	151.9	104	222.5
15920	6.8	149.7	106	222.8
15930	7.7	147.5	108	224.1
15940	6.5	145.2	110	225.4
15950	4.1	143.0	112	226.0
15960	2.4	140.7	115	225.7
15970	2.0	138.4	117	225.4
15980	2.2	136.2	119	225.2
15990	2.4	133.9	122	224.9
16000	2.4	131.7	124	224.6
16010	2.3	129.4	126	223.8
16020	1.9	127.2	128	223.8
16030	1.8	125.0	130	223.3
16040	1.8	122.7	133	222.8
16050	1.6	120.5	135	222.0
16060	1.4	118.3	137	222.0
16070	-1.6	116.1	139	221.2
16080	-6.9	113.9	142	218.8
16090	-8.8	111.7	144	215.6
16100	-7.1	109.6	146	212.1
16110	-2.8	107.5	148	208.9
16120	-1.1	105.4	150	207.3
16130	-3.7	103.4	152	205.7
16140	-8.8	101.3	154	202.8

16150	-12.9	99.3	156	199.1
16160	-13.7	97.4	158	194.3
16170	-12.2	95.5	160	189.2
16180	-11.3	93.6	162	184.7
16190	-11.7	91.8	164	180.4
16200	-14.4	90.0	165	175.9
16210	-17.5	88.3	167	170.3
16220	-19.9	86.6	169	163.9
16230	-19.7	85.1	170	154.9
16240	-15.3	83.6	172	157.8
16250	-4.7	82.3	173	126.7
16260	1.8	81.1	174	122.7
16270	0.8	80.2	175	97.9
16280	-0.8	79.3	176	85.1
16290	-9.9	78.5	177	73.2
16300	-19.0	77.8	178	68.4
16310	-23.6	77.3	178	53.2
16320	-23.5	76.8	179	46.0
16330	-21.8	76.4	179	35.1
16340	-21.0	76.1	179	33.0
16350	-22.2	75.8	180	27.1
16360	-25.5	75.6	180	20.7
16370	-29.3	75.4	180	11.7
16380	-31.5	75.4	180	4.5
16390	-33.4	75.4	180	-1.5
16400	-35.3	75.4	180	-10.3
16410	-35.9	75.6	180	-17.8
16420	-37.3	75.8	180	-25.0
16430	-38.6	76.2	179	-42.0
16440	-39.2	76.7	179	-48.7
16450	-38.5	77.2	178	-54.0
16460	-36.2	77.9	178	-64.1
16470	-33.4	78.7	177	-71.8
16480	-31.5	79.5	176	-88.9
16490	-30.6	80.5	175	-107.2
16500	-30.8	81.6	174	-115.8
16510	-31.2	82.7	173	-125.9
16520	-31.5	83.9	172	-134.7
16530	-31.1	85.2	170	-143.7
16540	-30.6	86.6	169	-138.9
16550	-30.1	88.0	167	-147.7
16560	-29.3	89.6	166	-155.7
16570	-28.2	91.2	164	-164.2
16580	-27.1	92.9	163	-171.4
16590	-26.3	94.6	161	-178.3
16600	-26.4	96.5	159	-185.5
16610	-26.4	98.4	157	-192.2
16620	-25.6	100.4	155	-199.4
16630	-23.7	102.4	153	-206.0
16640	-21.6	104.5	151	-211.9
16650	-20.7	106.7	149	-216.9
16660	-20.3	108.9	147	-222.2
16670	-18.8	111.1	144	-226.8
16680	-17.2	113.5	142	-231.3

16690	-15.6	115.8	140	-235.0
16700	-14.0	118.2	137	-238.5
16710	-12.2	120.6	135	-241.4
16720	-12.1	123.0	132	-243.8
16730	-13.6	125.5	130	-246.2
16740	-14.5	127.9	128	-249.1
16750	-13.7	130.5	125	-252.1
16760	-12.1	133.0	122	-254.7
16770	-10.3	135.6	120	-257.4
16780	-8.3	138.2	117	-259.0
16790	-7.6	140.8	115	-260.3
16800	-9.1	143.4	112	-261.4
16810	-10.6	146.0	109	-263.0
16820	-10.6	148.6	107	-264.6
16830	-9.6	151.3	104	-266.4
16840	-7.9	154.0	101	-268.3
16850	-5.3	156.7	99	-268.8
16860	-3.5	159.4	96	-268.8
16870	-5.3	162.1	93	-268.8
16880	-8.0	164.8	91	-269.4
16890	-8.5	167.5	88	-270.4
16900	-7.1	170.2	85	-271.0
16910	-4.6	172.9	83	-271.5
16920	-2.6	175.6	80	-271.5
16930	-2.4	178.3	77	-271.2
16940	-2.6	181.0	74	-270.7
16950	-2.6	183.7	72	-270.2
16960	-2.6	186.4	69	-269.6
16970	-2.6	189.1	66	-269.4
16980	-2.4	191.8	64	-268.6
16990	-2.4	194.5	61	-268.0
17000	-2.4	197.2	58	-267.5
17010	-2.3	199.8	56	-267.2
17020	-2.2	202.5	53	-266.2
17030	-0.7	205.2	50	-265.6
17040	4.6	207.8	48	-263.5
17050	7.9	210.4	45	-260.8
17060	7.3	213.0	42	-257.1
17070	2.3	215.6	40	-253.7
17080	-0.4	218.1	37	-252.1
17090	0.8	220.6	35	-251.0
17100	5.6	223.1	32	-249.1
17110	9.1	225.6	30	-245.4
17120	9.2	228.0	27	-241.4
17130	6.4	230.4	25	-238.0
17140	4.1	232.7	23	-235.0
17150	4.5	235.1	20	-232.9
17160	8.5	237.4	18	-230.0
17170	14.0	239.6	16	-225.4
17180	18.6	241.8	14	-219.6
17190	20.5	244.0	11	-212.7
17200	18.4	246.1	9	-206.3
17210	15.1	248.1	7	-199.9
17220	13.3	250.0	5	-194.6

17230	14.1	252.0	3	-189.5
17240	18.3	253.8	2	-183.9
17250	21.8	255.6	0	-191.6
17260	15.5	257.1	-2	-149.6
17270	3.7	258.5	-3	-141.6
17280	-1.5	259.6	-4	-111.8
17290	-0.7	260.6	-5	-95.8
17300	6.0	261.4	-6	-72.6
17310	18.0	262.1	-7	-72.9
17320	27.0	262.7	-7	-55.6
17330	31.9	263.2	-8	-41.5
17340	31.7	263.6	-8	-37.0
17350	28.6	263.9	-8	-25.0
17360	26.3	264.1	-9	-19.9
17370	27.3	264.2	-9	-11.1
17380	30.4	264.3	-9	-4.5
17390	35.0	264.3	-9	1.8
17400	38.9	264.2	-9	9.3
17410	37.6	264.1	-9	20.7
17420	33.4	263.8	-8	29.0
17430	29.3	263.5	-8	34.6
17440	28.7	263.0	-8	51.1
17450	31.6	262.5	-7	59.1
17460	34.8	261.8	-6	69.7
17470	35.8	261.1	-6	80.6
17480	33.2	260.4	-5	82.7
17490	28.9	259.5	-4	82.5
17500	25.0	258.5	-3	109.1
17510	23.9	257.5	-2	105.4
17520	25.9	256.4	-1	100.6
17530	28.3	255.2	0	107.0
17540	29.0	253.9	2	126.4
17550	26.4	252.6	3	134.4
17560	21.6	251.2	4	141.3
17570	17.9	249.7	6	146.9
17580	16.8	248.2	7	151.2
17590	17.9	246.7	9	156.0
17600	20.3	245.1	10	160.5
17610	20.7	243.4	12	165.8
17620	18.4	241.7	14	170.9
17630	14.9	240.0	15	175.4
17640	11.5	238.2	17	178.6
17650	10.7	236.4	19	181.5
17660	11.8	234.6	21	183.9
17670	13.7	232.7	23	186.3
17680	14.0	230.8	25	189.8
17690	11.8	228.9	27	192.7
17700	9.1	227.0	28	195.1
17710	6.6	225.0	30	196.4
17720	6.0	223.0	32	197.8
17730	6.0	221.0	34	198.3
17740	6.8	219.0	36	199.1
17750	7.6	217.0	38	200.4
17760	8.7	215.0	40	201.7

17770	9.6	213.0	42	203.1
17780	9.4	211.0	44	204.9
17790	7.5	208.9	47	206.8
17800	5.0	206.8	49	207.6
17810	3.4	204.7	51	207.9
17820	3.3	202.7	53	208.1
17830	4.6	200.6	55	208.1
17840	5.3	198.5	57	208.7
17850	5.4	196.4	59	208.9
17860	5.0	194.3	61	209.5
17870	4.1	192.2	63	210.0
17880	2.8	190.1	65	210.3
17890	2.6	188.0	67	210.0
17900	3.1	185.9	70	209.7
17910	4.3	183.8	72	210.0
17920	5.7	181.7	74	210.3
17930	5.4	179.6	76	210.8
17940	5.7	177.5	78	211.3
17950	6.0	175.4	80	212.1
17960	6.0	173.2	82	212.9
17970	5.0	171.1	84	213.5
17980	4.6	169.0	86	213.7
17990	5.0	166.8	89	214.0
18000	6.1	164.7	91	214.3
18010	6.9	162.5	93	215.1
18020	7.2	160.4	95	216.4
18030	6.1	158.2	97	217.2
18040	5.2	156.0	99	218.0
18050	4.7	153.8	102	218.3
18060	5.7	151.7	104	218.8
18070	6.6	149.5	106	219.3
18080	7.1	147.3	108	220.6
18090	6.4	145.0	110	221.4
18100	5.4	142.8	113	222.2
18110	4.5	140.6	115	222.8
18120	4.3	138.4	117	223.0
18130	4.3	136.1	119	223.6
18140	5.2	133.9	122	223.8
18150	5.3	131.7	124	224.6
18160	4.7	129.4	126	224.9
18170	3.5	127.2	128	225.4
18180	2.6	124.9	131	225.2
18190	2.3	122.7	133	224.6
18200	2.0	120.4	135	224.1
18210	2.0	118.2	137	223.8
18220	1.8	115.9	140	223.6
18230	1.8	113.7	142	222.8
18240	1.8	111.5	144	222.2
18250	1.4	109.3	146	221.7
18260	-1.1	107.0	148	220.9
18270	-7.5	104.8	151	219.1
18280	-10.0	102.7	153	215.6
18290	-7.9	100.6	155	211.3
18300	-2.4	98.5	157	208.9

18310	0.1	96.4	159	207.6
18320	-2.0	94.3	161	206.5
18330	-8.7	92.3	163	204.1
18340	-13.7	90.3	165	200.1
18350	-14.9	88.3	167	194.8
18360	-13.4	86.4	169	189.8
18370	-12.5	84.6	171	166.1
18380	-5.8	82.9	173	148.8
18390	2.0	81.4	174	153.0
18400	3.8	80.2	175	106.4
18410	11.5	79.2	176	101.1
18420	10.3	78.3	177	85.9
18430	1.8	77.5	178	72.6
18440	-0.9	76.9	179	54.5
18450	-11.0	76.3	179	50.8
18460	-26.4	75.9	180	40.1
18470	-33.1	75.6	180	30.8
18480	-30.4	75.3	180	22.0
18490	-23.6	75.2	180	13.0
18500	-19.5	75.1	180	9.5
18510	-22.9	75.0	180	2.6
18520	-32.4	75.0	180	-2.1
18530	-40.7	75.1	180	-8.2
18540	-42.6	75.3	180	-19.7
18550	-38.1	75.6	180	-28.4
18560	-32.4	75.9	180	-37.5
18570	-32.1	76.4	179	-46.0
18580	-38.6	77.0	178	-66.2
18590	-45.6	77.7	178	-70.8
18600	-48.1	78.5	177	-74.8
18610	-42.8	79.5	176	-105.6
18620	-32.5	80.5	175	-118.2
18630	-24.0	81.7	174	-127.2
18640	-22.6	82.8	173	-122.1
18650	-27.8	84.1	171	-115.2
18660	-34.4	85.5	170	-136.0
18670	-36.2	86.9	169	-145.3
18680	-31.7	88.4	167	-155.4
18690	-25.8	90.1	165	-163.9
18700	-23.3	91.7	164	-170.9
18710	-24.8	93.5	162	-177.0
18720	-29.0	95.3	160	-183.6
18730	-30.4	97.2	158	-191.6
18740	-26.4	99.2	156	-199.6
18750	-19.4	101.2	154	-206.0
18760	-14.2	103.3	152	-210.5
18770	-14.4	105.5	150	-213.7
18780	-19.7	107.6	148	-217.5
18790	-23.5	109.8	146	-222.2
18800	-22.1	112.1	143	-228.1
18810	-16.4	114.4	141	-232.6
18820	-10.8	116.8	139	-236.4
18830	-8.3	119.2	136	-238.8
18840	-9.4	121.6	134	-239.8

18850	-13.4	124.0	131	-241.7
18860	-17.8	126.4	129	-244.6
18870	-18.6	128.9	127	-248.9
18880	-14.8	131.4	124	-252.6
18890	-10.8	134.0	121	-255.5
18900	-7.7	136.5	119	-257.1
18910	-6.9	139.1	116	-258.5
18920	-8.5	141.7	114	-259.0
18930	-11.7	144.3	111	-260.6
18940	-11.9	146.9	109	-262.4
18950	-9.2	149.6	106	-264.3
18960	-6.1	152.2	103	-265.6
18970	-4.1	154.9	101	-266.2
18980	-2.8	157.5	98	-265.9
18990	-3.7	160.2	95	-265.4
19000	-6.8	162.8	93	-265.1
19010	-9.8	165.5	90	-266.2
19020	-9.5	168.2	87	-268.0
19030	-6.6	170.9	85	-269.1
19040	-3.0	173.6	82	-269.6
19050	-2.4	176.3	79	-269.1
19060	-2.6	178.9	77	-269.1
19070	-2.7	181.6	74	-268.3
19080	-3.0	184.3	71	-268.0
19090	-3.8	187.0	68	-267.5
19100	-4.6	189.7	66	-267.5
19110	-3.9	192.3	63	-267.5
19120	-2.8	195.0	60	-267.2
19130	-2.6	197.7	58	-266.7
19140	-2.4	200.3	55	-266.4
19150	-2.4	203.0	52	-265.6
19160	-2.3	205.7	50	-265.4
19170	-2.4	208.3	47	-264.6
19180	-2.3	211.0	44	-264.3
19190	-2.0	213.6	42	-263.8
19200	0.1	216.2	39	-262.4
19210	5.0	218.8	37	-260.6
19220	6.5	221.4	34	-257.7
19230	5.4	224.0	31	-254.5
19240	2.7	226.5	29	-251.8
19250	1.5	229.0	26	-249.9
19260	2.2	231.5	24	-248.3
19270	4.9	233.9	22	-245.9
19280	8.5	236.4	19	-243.0
19290	11.1	238.8	17	-238.5
19300	11.9	241.1	14	-234.0
19310	12.6	243.4	12	-229.4
19320	13.6	245.7	10	-224.1
19330	15.5	247.9	8	-218.8
19340	17.0	250.0	5	-212.9
19350	17.9	252.1	3	-206.8
19360	19.3	254.2	1	-200.4
19370	16.7	256.0	-1	-168.7
19380	1.6	257.6	-2	-158.6

19390	-2.7	259.0	-4	-120.8
19400	-11.7	260.2	-5	-113.6
19410	-21.4	261.2	-6	-96.3
19420	-15.2	262.1	-7	-72.1
19430	0.7	262.8	-7	-66.5
19440	2.6	263.4	-8	-60.9
19450	23.2	263.8	-8	-43.9
19460	37.7	264.2	-9	-34.8
19470	39.7	264.4	-9	-19.9
19480	29.0	264.5	-9	-9.5
19490	18.4	264.6	-9	-1.8
19500	14.1	264.6	-9	0.2
19510	19.5	264.5	-9	2.9
19520	27.4	264.5	-9	7.9
19530	34.6	264.3	-9	14.9
19540	36.2	264.1	-9	23.4
19550	32.0	263.8	-8	35.1
19560	25.9	263.3	-8	48.7
19570	23.2	262.8	-7	50.8
19580	25.1	262.3	-7	51.6
19590	29.7	261.6	-6	70.8
19600	32.7	260.9	-5	79.3
19610	31.9	260.2	-5	80.9
19620	28.1	259.3	-4	80.3
19630	23.5	258.3	-3	106.2
19640	21.6	257.4	-2	102.4
19650	22.8	256.3	-1	97.4
19660	25.4	255.2	0	103.0
19670	26.6	253.9	2	121.1
19680	24.3	252.6	3	128.0
19690	20.3	251.3	4	134.7
19700	16.1	249.9	6	139.7
19710	15.5	248.5	7	144.2
19720	16.8	247.0	8	148.0
19730	19.9	245.5	10	152.5
19740	21.0	243.9	12	157.8
19750	18.7	242.3	13	162.9
19760	14.9	240.7	15	167.4
19770	11.3	239.0	16	171.1
19780	9.5	237.2	18	173.8
19790	9.9	235.5	20	175.9
19800	11.1	233.7	22	178.1
19810	12.3	231.9	24	180.4
19820	11.5	230.1	25	183.4
19830	9.1	228.2	27	185.8
19840	6.0	226.4	29	187.4
19850	5.2	224.5	31	188.7
19860	5.7	222.6	33	189.5
19870	6.9	220.7	35	190.3
19880	7.7	218.8	37	191.6
19890	7.2	216.8	39	192.7
19900	6.8	214.9	41	193.8
19910	6.1	213.0	42	195.1
19920	4.5	211.0	44	195.6

19930	2.4	209.0	46	196.2
19940	1.8	207.1	48	195.6
19950	1.6	205.1	50	195.6
19960	1.8	203.2	52	195.1
19970	1.8	201.2	54	194.6
19980	1.8	199.3	56	194.3
19990	1.8	197.3	58	193.8
20000	1.8	195.4	60	193.2
20010	1.8	193.5	62	192.7
20020	1.8	191.6	64	192.4
20030	1.8	189.6	66	192.2
20040	1.8	187.7	68	191.6
20050	1.8	185.8	70	191.4
20060	2.2	183.9	72	191.1
20070	3.3	182.0	73	190.8
20080	4.9	180.1	75	191.1
20090	6.9	178.2	77	191.6
20100	6.9	176.2	79	192.7
20110	4.9	174.3	81	193.8
20120	2.4	172.4	83	194.0
20130	1.9	170.4	85	194.3
20140	3.0	168.5	87	194.0
20150	5.2	166.5	89	193.8
20160	7.2	164.6	91	194.6
20170	7.7	162.6	93	195.9
20180	6.2	160.7	95	197.0
20190	4.2	158.7	97	198.0
20200	2.8	156.7	99	198.3
20210	3.5	154.7	101	198.3
20220	5.6	152.7	103	198.6
20230	7.1	150.7	105	199.1
20240	6.6	148.7	107	200.4
20250	4.7	146.7	109	201.2
20260	2.6	144.7	111	201.5
20270	2.3	142.7	113	201.5
20280	3.1	140.7	115	201.2
20290	4.7	138.7	117	201.5
20300	5.7	136.7	119	201.7
20310	5.3	134.6	121	202.5
20320	4.2	132.6	123	203.1
20330	2.7	130.6	125	203.3
20340	2.2	128.5	127	203.1
20350	2.0	126.5	129	202.5
20360	2.3	124.5	131	202.3
20370	2.0	122.5	133	202.0
20380	1.8	120.5	135	201.5
20390	1.8	118.4	137	201.2
20400	1.6	116.4	139	200.7
20410	1.5	114.4	141	200.4
20420	1.5	112.4	143	199.9
20430	0.7	110.4	145	199.4
20440	-4.6	108.5	147	197.8
20450	-8.3	106.5	149	195.1
20460	-8.1	104.6	151	191.9

20470	-5.2	102.7	153	188.7
20480	-2.0	100.8	155	186.8
20490	-1.5	98.9	157	185.2
20500	-4.3	97.1	158	183.9
20510	-9.1	95.3	160	181.2
20520	-12.5	93.5	162	177.5
20530	-13.0	91.8	164	172.7
20540	-10.7	90.1	165	168.5
20550	-8.4	88.4	167	164.5
20560	-9.2	86.8	169	160.7
20570	-12.5	85.3	170	141.6
20580	-13.3	83.8	172	130.9
20590	-6.5	82.5	173	128.0
20600	2.0	81.2	174	112.0
20610	1.4	80.3	175	99.0
20620	1.8	79.4	176	86.2
20630	2.0	78.6	177	75.0
20640	-0.1	77.9	178	65.2
20650	-0.4	77.3	178	56.9
20660	-6.5	76.8	179	49.5
20670	-23.9	76.4	179	40.7
20680	-34.2	76.0	179	34.8
20690	-32.8	75.8	180	22.0
20700	-23.3	75.6	180	14.9
20710	-16.3	75.5	180	7.9
20720	-16.3	75.5	180	3.1
20730	-26.2	75.5	180	-1.5
20740	-37.7	75.5	180	-5.8
20750	-43.4	75.7	180	-14.6
20760	-40.3	75.9	180	-25.2
20770	-32.5	76.3	179	-35.4
20780	-28.6	76.7	179	-44.1
20790	-32.5	77.3	178	-50.8
20800	-41.0	77.9	178	-65.4
20810	-46.9	78.6	177	-68.6
20820	-44.1	79.6	176	-97.9
20830	-34.0	80.5	175	-109.4
20840	-24.1	81.6	174	-120.3
20850	-21.6	82.8	173	-128.0
20860	-26.8	83.9	172	-121.6
20870	-35.0	85.2	170	-116.6
20880	-38.8	86.6	169	-138.7
20890	-34.7	88.1	167	-149.3
20900	-26.6	89.6	166	-158.4
20910	-22.1	91.3	164	-165.8
20920	-23.5	93.0	162	-171.7
20930	-28.5	94.7	161	-178.1
20940	-32.4	96.6	159	-185.8
20950	-30.4	98.5	157	-194.3
20960	-23.1	100.5	155	-202.0
20970	-16.0	102.6	153	-207.3
20980	-14.0	104.7	151	-211.1
20990	-17.9	106.8	149	-214.5
21000	-22.5	109.0	146	-218.8

21010	-21.8	111.2	144	-224.1
21020	-17.0	113.5	142	-229.2
21030	-10.6	115.8	140	-232.6
21040	-6.5	118.2	137	-234.5
21050	-6.4	120.5	135	-235.3
21060	-9.8	122.9	133	-236.4
21070	-13.6	125.2	130	-238.0
21080	-13.6	127.6	128	-240.9
21090	-9.1	130.1	125	-243.8
21100	-4.3	132.5	123	-244.9
21110	-3.0	135.0	120	-245.4
21120	-3.7	137.4	118	-245.4
21130	-5.6	139.9	116	-245.4
21140	-7.7	142.3	113	-245.7
21150	-9.5	144.8	111	-247.3
21160	-7.3	147.3	108	-249.1
21170	-4.5	149.8	106	-249.9
21180	-3.4	152.3	103	-249.7
21190	-3.4	154.8	101	-249.7
21200	-3.3	157.3	98	-249.7
21210	-3.7	159.8	96	-249.1
21220	-5.2	162.3	93	-249.1
21230	-6.0	164.8	91	-249.4
21240	-4.6	167.3	88	-249.7
21250	-3.3	169.8	86	-249.9
21260	-2.8	172.3	83	-249.7
21270	-2.6	174.8	81	-249.4
21280	-2.8	177.3	78	-248.9
21290	-3.7	179.7	76	-248.3
21300	-5.0	182.2	73	-248.3
21310	-5.8	184.7	71	-248.6
21320	-5.8	187.2	68	-249.1
21330	-3.9	189.7	66	-249.7
21340	-2.6	192.2	63	-249.4
21350	-2.4	194.7	61	-249.4
21360	-2.7	197.2	58	-248.9
21370	-3.4	199.7	56	-248.3
21380	-4.3	202.1	53	-248.3
21390	-5.8	204.6	51	-248.6
21400	-5.6	207.1	48	-249.1
21410	-3.1	209.6	46	-249.4
21420	-2.2	212.1	43	-249.4
21430	-2.3	214.6	41	-248.6
21440	-2.2	217.1	38	-248.3
21450	-2.3	219.6	36	-247.8
21460	-2.0	222.0	33	-247.3
21470	-0.8	224.5	31	-246.7
21480	6.0	227.0	28	-244.3
21490	12.3	229.4	26	-241.1
21500	13.4	231.8	24	-235.8
21510	9.2	234.1	21	-231.0
21520	3.9	236.4	19	-228.1
21530	1.1	238.6	17	-226.0
21540	2.4	240.9	15	-224.4

21550	7.3	243.1	12	-222.2
21560	13.2	245.3	10	-218.3
21570	16.7	247.4	8	-212.7
21580	17.2	249.5	6	-206.5
21590	17.0	251.5	4	-200.9
21600	18.7	253.5	2	-194.8
21610	21.8	255.3	0	-168.5
21620	15.2	257.1	-2	-158.9
21630	2.0	258.4	-3	-137.3
21640	-2.0	259.6	-4	-117.6
21650	-1.2	260.7	-5	-89.1
21660	-0.8	261.6	-6	-92.1
21670	-0.3	262.3	-7	-71.0
21680	4.2	262.9	-7	-53.7
21690	22.1	263.4	-8	-48.4
21700	36.1	263.8	-8	-33.2
21710	42.4	264.1	-9	-25.2
21720	39.6	264.3	-9	-12.7
21730	30.2	264.3	-9	-2.6
21740	25.1	264.3	-9	1.0
21750	25.5	264.3	-9	8.2
21760	29.2	264.1	-9	15.9
21770	34.2	263.9	-8	25.0
21780	37.2	263.7	-8	31.9
21790	36.6	263.3	-8	38.0
21800	33.1	262.7	-7	57.5
21810	30.1	262.2	-7	61.2
21820	29.0	261.5	-6	62.5
21830	30.2	260.7	-5	85.1
21840	32.3	259.9	-4	85.4
21850	33.0	259.0	-4	84.6
21860	30.5	257.9	-2	113.1
21870	27.5	256.9	-1	110.7
21880	25.6	255.7	0	106.2
21890	26.0	254.4	1	125.1
21900	27.3	253.1	2	132.0
21910	28.1	251.8	4	139.7
21920	27.1	250.3	5	147.2
21930	23.9	248.8	7	154.4
21940	19.4	247.2	8	160.5
21950	16.7	245.6	10	165.5
21960	16.8	243.9	12	169.8
21970	18.7	242.1	13	173.8
21980	19.9	240.4	15	178.6
21990	18.6	238.5	17	183.6
22000	15.3	236.7	19	188.2
22010	11.1	234.8	21	191.6
22020	8.8	232.8	23	194.0
22030	9.2	230.9	25	195.6
22040	10.4	228.9	27	197.8
22050	11.5	226.9	29	199.9
22060	11.3	224.9	31	202.3
22070	9.4	222.8	33	204.4
22080	6.4	220.8	35	206.0

22090	4.7	218.7	37	206.8
22100	4.2	216.7	39	207.1
22110	5.2	214.6	41	207.3
22120	6.9	212.5	43	208.1
22130	8.1	210.4	45	209.2
22140	8.1	208.3	47	210.5
22150	6.5	206.2	49	211.9
22160	4.2	204.1	51	212.7
22170	1.9	201.9	54	212.9
22180	1.6	199.8	56	212.4
22190	1.8	197.7	58	211.6
22200	1.8	195.6	60	211.1
22210	1.8	193.5	62	210.8
22220	1.8	191.4	64	210.5
22230	1.8	189.3	66	210.0
22240	1.8	187.2	68	209.7
22250	1.8	185.1	70	209.2
22260	1.8	183.0	72	208.7
22270	1.9	180.9	75	208.1
22280	2.0	178.8	77	207.9
22290	2.8	176.7	79	207.6
22300	6.2	174.7	81	207.3
22310	10.2	172.6	83	208.4
22320	9.4	170.5	85	210.5
22330	6.6	168.4	87	212.1
22340	3.7	166.2	89	213.2
22350	3.7	164.1	91	213.2
22360	6.0	162.0	93	213.2
22370	10.0	159.8	96	214.5
22380	11.4	157.7	98	216.7
22390	10.4	155.5	100	218.5
22400	7.7	153.3	102	220.1
22410	5.7	151.1	104	221.2
22420	5.7	148.9	107	221.7
22430	7.9	146.6	109	222.8
22440	8.8	144.4	111	224.1
22450	8.8	142.1	113	225.4
22460	6.9	139.9	116	226.8
22470	4.9	137.6	118	227.8
22480	3.8	135.3	120	227.8
22490	4.7	133.0	122	228.1
22500	5.6	130.8	125	228.6
22510	6.1	128.5	127	229.2
22520	4.6	126.2	129	230.0
22530	3.0	123.9	132	230.2
22540	1.9	121.6	134	229.7
22550	1.9	119.3	136	229.4
22560	1.8	117.0	138	228.9
22570	1.8	114.7	141	228.6
22580	1.6	112.4	143	227.8
22590	0.5	110.1	145	227.3
22600	-6.2	107.9	148	225.4
22610	-11.9	105.6	150	222.0
22620	-13.4	103.5	152	216.9

22630	-9.5	101.3	154	212.7
22640	-5.3	99.2	156	208.9
22650	-3.8	97.2	158	206.8
22660	-7.3	95.1	160	204.1
22670	-13.6	93.1	162	200.4
22680	-18.2	91.1	164	195.1
22690	-18.7	89.2	166	188.7
22700	-16.0	87.4	168	182.3
22710	-14.1	85.6	170	176.7
22720	-13.0	83.9	172	184.2
22730	-6.0	82.5	173	145.0
22740	1.6	81.1	174	137.3
22750	1.2	80.0	175	108.0
22760	0.5	79.1	176	92.3
22770	-0.5	78.3	177	79.0
22780	-8.4	77.6	178	67.0
22790	-20.7	76.9	179	60.9
22800	-28.1	76.5	179	46.0
22810	-30.0	76.1	179	37.5
22820	-27.7	75.8	180	26.3
22830	-24.7	75.5	180	23.9
22840	-24.4	75.4	180	14.9
22850	-28.3	75.3	180	6.9
22860	-34.3	75.3	180	-1.0
22870	-40.3	75.3	180	-5.5
22880	-42.2	75.4	180	-14.6
22890	-39.1	75.7	180	-24.7
22900	-34.2	76.0	179	-38.3
22910	-33.5	76.5	179	-43.1
22920	-37.8	77.1	178	-63.0
22930	-43.1	77.7	178	-67.6
22940	-44.3	78.4	177	-71.6
22950	-39.3	79.4	176	-100.3
22960	-30.9	80.4	175	-111.5
22970	-25.1	81.5	174	-120.5
22980	-25.1	82.5	173	-116.3
22990	-30.1	83.8	172	-110.7
23000	-35.7	85.0	170	-118.4
23010	-37.3	86.5	169	-141.0
23020	-33.8	88.0	167	-151.4
23030	-28.5	89.6	166	-160.2
23040	-25.6	91.2	164	-167.9
23050	-26.2	93.0	162	-174.9
23060	-28.3	94.8	161	-181.8
23070	-29.4	96.6	159	-189.8
23080	-27.1	98.6	157	-197.0
23090	-21.7	100.6	155	-203.9
23100	-16.8	102.7	153	-208.9
23110	-15.7	104.8	151	-213.2
23120	-18.7	107.0	148	-216.9
23130	-21.6	109.2	146	-221.2
23140	-20.5	111.4	144	-226.2
23150	-16.4	113.7	142	-231.0
23160	-12.2	116.1	139	-234.2

23170	-9.8	118.4	137	-236.6
23180	-9.9	120.8	135	-238.8
23190	-12.5	123.2	132	-240.1
23200	-15.6	125.6	130	-243.0
23210	-16.0	128.1	127	-246.2
23220	-12.7	130.6	125	-249.4
23230	-8.9	133.1	122	-251.8
23240	-6.9	135.6	120	-253.4
23250	-6.5	138.2	117	-254.2
23260	-8.0	140.7	115	-255.3
23270	-11.0	143.3	112	-256.6
23280	-11.9	145.8	110	-258.5
23290	-10.3	148.4	107	-260.3
23300	-7.9	151.1	104	-262.2
23310	-6.1	153.7	102	-263.2
23320	-4.9	156.3	99	-264.3
23330	-4.6	159.0	96	-264.0
23340	-7.1	161.6	94	-264.6
23350	-9.8	164.3	91	-265.4
23360	-9.9	166.9	89	-267.0
23370	-7.9	169.6	86	-268.3
23380	-5.6	172.3	83	-269.1
23390	-3.5	175.0	80	-269.4
23400	-3.3	177.7	78	-269.1
23410	-4.3	180.4	75	-269.1
23420	-6.0	183.1	72	-269.1
23430	-6.8	185.8	70	-269.9
23440	-6.4	188.5	67	-269.9
23450	-3.7	191.2	64	-270.2
23460	-2.4	193.9	62	-269.9
23470	-2.3	196.6	59	-269.4
23480	-2.4	199.3	56	-269.1
23490	-2.4	202.0	53	-268.3
23500	-2.4	204.6	51	-267.5
23510	-2.3	207.3	48	-267.0
23520	-2.2	210.0	45	-266.7
23530	-0.7	212.6	43	-265.9
23540	2.2	215.3	40	-264.3
23550	4.6	217.9	38	-262.2
23560	4.9	220.5	35	-259.5
23570	3.8	223.1	32	-256.6
23580	2.3	225.6	30	-254.5
23590	2.7	228.2	27	-252.6
23600	4.5	230.7	25	-249.9
23610	6.9	233.2	22	-247.3
23620	9.9	235.6	20	-243.8
23630	11.7	238.0	17	-239.3
23640	12.6	240.4	15	-234.5
23650	13.7	242.7	13	-229.7
23660	15.1	244.9	11	-224.4
23670	16.8	247.1	8	-218.3
23680	18.7	249.3	6	-212.7
23690	20.2	251.3	4	-205.7
23700	21.6	253.4	2	-198.6

23710	21.8	255.2	0	-171.9
23720	13.4	256.9	-1	-148.2
23730	-0.8	258.4	-3	-141.3
23740	-1.6	259.7	-4	-132.0
23750	-1.2	260.7	-5	-101.6
23760	-0.3	261.6	-6	-85.7
23770	6.1	262.4	-7	-64.4
23780	25.9	263.0	-8	-58.0
23790	39.5	263.5	-8	-40.7
23800	45.0	263.8	-8	-36.2
23810	41.2	264.0	-9	-19.9
23820	31.3	264.2	-9	-9.8
23830	24.1	264.2	-9	-1.0
23840	25.8	264.2	-9	1.0
23850	32.8	264.1	-9	9.5
23860	37.8	264.0	-9	18.6
23870	38.5	263.7	-8	30.3
23880	34.6	263.4	-8	38.0
23890	29.3	262.9	-7	42.8
23900	26.2	262.4	-7	61.2
23910	27.0	261.8	-6	62.8
23920	30.9	261.1	-6	63.0
23930	34.2	260.3	-5	71.0
23940	33.6	259.4	-4	96.9
23950	29.2	258.5	-3	96.6
23960	23.3	257.5	-2	93.7
23970	20.5	256.4	-1	121.3
23980	22.4	255.2	0	127.2
23990	26.7	254.0	1	133.6
24000	29.8	252.8	3	129.1
24010	29.0	251.4	4	137.1
24020	24.5	250.0	5	144.8
24030	18.2	248.5	7	150.9
24040	14.2	246.9	9	155.7
24050	14.9	245.3	10	159.2
24060	17.9	243.7	12	163.1
24070	20.9	242.1	13	167.7
24080	20.7	240.3	15	173.0
24090	16.7	238.6	17	178.1
24100	11.8	236.8	19	182.0
24110	8.4	234.9	21	184.4
24120	8.8	233.1	22	186.3
24130	11.4	231.2	24	187.9
24140	13.3	229.3	26	190.3
24150	13.2	227.4	28	193.2
24160	10.8	225.4	30	196.2
24170	7.7	223.4	32	198.3
24180	4.9	221.4	34	199.4
24190	4.3	219.4	36	199.9
24200	5.3	217.4	38	200.4
24210	6.6	215.4	40	201.2
24220	7.9	213.4	42	202.0
24230	7.6	211.4	44	203.6
24240	6.9	209.3	46	204.9

24250	6.1	207.3	48	205.7
24260	5.7	205.2	50	206.5
24270	5.4	203.1	52	207.3
24280	4.6	201.0	54	208.1
24290	2.8	199.0	56	208.1
24300	2.2	196.9	59	208.1
24310	2.2	194.8	61	207.9
24320	2.6	192.7	63	207.3
24330	3.1	190.7	65	207.1
24340	3.5	188.6	67	207.1
24350	4.1	186.5	69	207.1
24360	4.1	184.4	71	207.3
24370	3.5	182.4	73	207.6
24380	2.3	180.3	75	207.6
24390	2.4	178.2	77	207.3
24400	3.7	176.1	79	207.1
24410	5.6	174.1	81	207.3
24420	7.1	172.0	83	208.1
24430	6.6	169.9	86	209.2
24440	6.1	167.8	88	210.0
24450	5.3	165.7	90	211.1
24460	5.2	163.6	92	211.9
24470	6.2	161.5	94	212.7
24480	8.0	159.3	96	213.5
24490	8.3	157.2	98	214.8
24500	7.6	155.0	100	216.1
24510	6.4	152.8	103	217.5
24520	6.2	150.7	105	218.0
24530	6.9	148.5	107	219.3
24540	7.2	146.3	109	220.1
24550	7.2	144.1	111	220.9
24560	7.1	141.8	114	222.0
24570	6.0	139.6	116	223.0
24580	4.9	137.4	118	223.6
24590	4.1	135.1	120	224.1
24600	3.8	132.9	123	224.4
24610	3.7	130.7	125	224.4
24620	3.5	128.4	127	224.1
24630	2.6	126.2	129	224.1
24640	2.0	123.9	132	223.8
24650	1.8	121.7	134	223.0
24660	1.8	119.5	136	222.5
24670	1.8	117.2	138	222.5
24680	1.5	115.0	140	221.7
24690	0.4	112.8	143	221.2
24700	-6.5	110.6	145	219.3
24710	-11.9	108.4	147	215.9
24720	-11.4	106.3	149	211.3
24730	-7.1	104.2	151	207.3
24740	-4.2	102.2	153	204.7
24750	-4.3	100.2	155	202.5
24760	-8.4	98.1	157	199.6
24770	-12.7	96.2	159	195.6
24780	-15.5	94.3	161	190.8

24790	-15.6	92.4	163	185.2
24800	-13.2	90.6	165	180.2
24810	-11.5	88.8	167	175.4
24820	-13.2	87.1	168	171.1
24830	-17.5	85.4	170	166.1
24840	-19.9	83.8	172	170.1
24850	-14.9	82.5	173	134.7
24860	-5.7	81.2	174	129.1
24870	-1.6	80.2	175	103.2
24880	-4.3	79.3	176	89.1
24890	-12.1	78.5	177	76.6
24900	-20.3	77.8	178	71.3
24910	-23.9	77.2	178	55.3
24920	-23.2	76.7	179	52.1
24930	-20.3	76.3	179	40.7
24940	-18.0	75.9	180	31.6
24950	-18.6	75.6	180	33.0
24960	-21.6	75.4	180	24.4
24970	-25.5	75.2	180	19.4
24980	-28.1	75.1	180	9.3
24990	-28.6	75.0	180	2.1
25000	-30.1	75.0	180	-2.9
25010	-32.8	75.1	180	-10.9
25020	-35.4	75.3	180	-18.9
25030	-37.7	75.5	180	-28.4
25040	-39.1	75.9	180	-38.8
25050	-38.6	76.4	179	-44.9
25060	-37.0	77.0	178	-66.5
25070	-34.8	77.7	178	-77.4
25080	-33.4	78.4	177	-79.8
25090	-32.5	79.3	176	-79.8
25100	-32.1	80.3	175	-107.5
25110	-31.3	81.3	174	-116.6
25120	-29.8	82.4	173	-126.1
25130	-28.6	83.6	172	-134.7
25140	-28.6	84.9	171	-142.9
25150	-29.2	86.3	169	-137.6
25160	-29.4	87.7	168	-145.8
25170	-28.9	89.2	166	-153.6
25180	-27.1	90.8	165	-161.5
25190	-25.1	92.5	163	-168.5
25200	-24.1	94.2	161	-175.4
25210	-25.0	96.0	159	-181.5
25220	-26.4	97.9	158	-187.9
25230	-25.9	99.8	156	-195.1
25240	-23.3	101.8	154	-201.5
25250	-19.4	103.9	152	-207.1
25260	-17.1	106.0	149	-211.9
25270	-17.4	108.2	147	-216.4
25280	-17.8	110.4	145	-220.6
25290	-17.1	112.6	143	-224.9
25300	-15.3	114.9	141	-228.6
25310	-13.0	117.2	138	-232.4
25320	-11.0	119.5	136	-235.0

25330	-9.6	121.9	134	-236.9
25340	-10.8	124.3	131	-238.8
25350	-13.2	126.7	129	-241.4
25360	-14.0	129.1	126	-244.1
25370	-12.1	131.6	124	-247.0
25380	-10.0	134.1	121	-249.4
25390	-7.6	136.6	119	-250.7
25400	-6.1	139.1	116	-251.5
25410	-6.8	141.6	114	-252.3
25420	-9.9	144.1	111	-252.9
25430	-11.5	146.7	109	-254.5
25440	-9.9	149.2	106	-256.1
25450	-7.6	151.8	104	-257.7
25460	-5.2	154.4	101	-258.5
25470	-3.1	157.0	98	-258.5
25480	-3.0	159.6	96	-257.9
25490	-4.7	162.1	93	-258.2
25500	-7.7	164.7	91	-257.9
25510	-8.0	167.3	88	-259.3
25520	-6.4	169.9	86	-259.8
25530	-4.2	172.5	83	-260.3
25540	-2.6	175.1	80	-260.3
25550	-2.6	177.7	78	-259.8
25560	-2.7	180.3	75	-259.3
25570	-2.8	182.9	73	-259.3
25580	-2.8	185.5	70	-258.7
25590	-3.4	188.1	67	-258.5
25600	-2.8	190.7	65	-258.2
25610	-2.6	193.2	62	-257.4
25620	-2.4	195.8	60	-257.1
25630	-2.6	198.4	57	-256.6
25640	-2.4	200.9	55	-256.3
25650	-2.4	203.5	52	-255.8
25660	-2.4	206.1	49	-255.3
25670	-2.4	208.6	47	-255.0
25680	-2.3	211.2	44	-253.9
25690	-2.3	213.7	42	-253.7
25700	-2.2	216.2	39	-253.1
25710	-2.0	218.7	37	-252.6
25720	0.4	221.3	34	-251.8
25730	8.4	223.8	32	-249.1
25740	11.7	226.2	29	-245.1
25750	9.9	228.7	27	-240.3
25760	4.6	231.0	24	-236.9
25770	0.3	233.4	22	-234.8
25780	0.5	235.7	20	-233.2
25790	4.6	238.0	17	-231.6
25800	10.6	240.3	15	-228.6
25810	15.2	242.6	13	-223.8
25820	16.1	244.8	11	-217.7
25830	14.1	246.9	9	-212.1
25840	11.8	249.0	6	-207.3
25850	11.4	251.0	4	-203.1
25860	14.6	253.0	2	-198.3

25870	19.7	254.9	1	-173.3
25880	16.8	256.7	-1	-152.5
25890	2.0	258.2	-3	-144.2
25900	-2.3	259.5	-4	-135.2
25910	-1.6	260.5	-5	-104.3
25920	-4.2	261.4	-6	-87.8
25930	0.0	262.3	-7	-80.9
25940	0.1	262.9	-7	-62.2
25950	13.0	263.4	-8	-51.9
25960	34.4	263.8	-8	-35.9
25970	45.0	264.2	-9	-28.4
25980	43.5	264.3	-9	-15.4
25990	33.1	264.4	-9	-3.9
26000	24.4	264.4	-9	1.3
26010	23.9	264.4	-9	5.0
26020	27.7	264.3	-9	10.6
26030	33.2	264.1	-9	17.5
26040	35.8	263.8	-8	29.2
26050	34.3	263.5	-8	35.1
26060	30.2	263.0	-8	53.2
26070	27.0	262.5	-7	56.4
26080	26.3	261.8	-6	57.7
26090	28.2	261.1	-6	78.5
26100	30.2	260.3	-5	87.0
26110	31.1	259.5	-4	96.1
26120	29.3	258.6	-3	95.3
26130	26.0	257.6	-2	92.9
26140	23.7	256.4	-1	120.8
26150	24.3	255.3	0	127.7
26160	26.2	254.1	1	134.9
26170	26.7	252.8	3	129.6
26180	25.4	251.4	4	136.8
26190	22.4	250.0	5	143.7
26200	18.6	248.5	7	149.3
26210	16.7	247.0	8	154.1
26220	17.1	245.4	10	158.6
26230	19.0	243.8	12	162.6
26240	20.1	242.2	13	167.4
26250	19.0	240.4	15	172.5
26260	15.2	238.7	17	177.3
26270	11.5	236.9	19	180.7
26280	9.2	235.1	20	183.1
26290	9.1	233.2	22	185.5
26300	10.4	231.3	24	187.1
26310	11.7	229.4	26	189.5
26320	11.3	227.5	28	191.6
26330	9.6	225.6	30	194.0
26340	7.1	223.6	32	195.9
26350	4.7	221.7	34	197.0
26360	3.7	219.7	36	197.8
26370	3.9	217.7	38	198.0
26380	4.2	215.7	40	198.3
26390	5.2	213.8	42	198.6
26400	4.9	211.8	44	199.4

26410	4.3	209.8	46	199.6
26420	3.9	207.8	48	199.9
26430	4.1	205.8	50	200.1
26440	3.9	203.8	52	200.7
26450	3.0	201.8	54	200.9
26460	1.6	199.8	56	200.7
26470	1.5	197.7	58	200.1
26480	1.5	195.7	60	199.9
26490	1.6	193.8	62	199.1
26500	1.5	191.8	64	198.8
26510	1.4	189.8	66	198.3
26520	1.2	187.8	68	197.8
26530	0.8	185.8	70	197.2
26540	0.5	183.9	72	196.4
26550	0.8	181.9	74	195.4
26560	1.5	180.0	75	194.8
26570	1.8	178.0	77	194.3
26580	1.8	176.1	79	194.3
26590	1.8	174.1	81	193.8
26600	1.9	172.2	83	193.2
26610	1.9	170.3	85	193.2
26620	2.2	168.3	87	192.7
26630	4.5	166.4	89	192.7
26640	9.6	164.5	91	193.0
26650	10.6	162.5	93	195.4
26660	7.2	160.6	95	197.0
26670	1.9	158.6	97	198.3
26680	1.5	156.6	99	198.0
26690	1.8	154.6	101	197.2
26700	2.0	152.7	103	197.0
26710	2.6	150.7	105	197.2
26720	5.4	148.7	107	196.7
26730	7.9	146.7	109	197.8
26740	6.8	144.8	111	198.8
26750	3.7	142.8	113	199.9
26760	1.9	140.8	115	199.6
26770	1.8	138.8	117	199.4
26780	2.3	136.8	119	199.1
26790	3.1	134.8	121	199.1
26800	4.6	132.8	123	198.8
26810	4.7	130.8	125	199.1
26820	3.4	128.8	127	199.4
26830	1.8	126.8	129	199.6
26840	1.6	124.8	131	199.1
26850	1.6	122.8	133	198.8
26860	1.5	120.8	135	198.3
26870	0.9	118.9	137	197.8
26880	-2.6	116.9	139	196.7
26890	-5.6	114.9	141	194.8
26900	-5.2	113.0	142	192.2
26910	-2.6	111.1	144	189.8
26920	-0.5	109.2	146	188.2
26930	0.3	107.3	148	187.4
26940	-1.2	105.5	150	186.3

26950	-4.3	103.6	152	185.0
26960	-6.6	101.8	154	182.3
26970	-6.1	100.0	155	179.7
26980	-4.7	98.2	157	176.7
26990	-4.1	96.5	159	174.3
27000	-6.0	94.7	161	172.2
27010	-9.6	93.0	162	169.0
27020	-13.0	91.4	164	165.0
27030	-14.4	89.8	166	160.0
27040	-14.0	88.2	167	154.9
27050	-13.0	86.7	169	150.4
27060	-12.9	85.3	170	131.2
27070	-11.1	83.9	172	121.9
27080	-5.3	82.7	173	120.5
27090	0.8	81.6	174	96.1
27100	1.1	80.6	175	95.0
27110	0.0	79.7	176	91.8
27120	-3.8	79.0	176	73.4
27130	-11.0	78.3	177	63.8
27140	-17.6	77.7	178	55.1
27150	-20.9	77.2	178	42.8
27160	-22.0	76.8	179	41.5
27170	-22.0	76.4	179	31.1
27180	-22.0	76.1	179	28.7
27190	-23.3	75.9	180	19.9
27200	-26.6	75.7	180	15.4
27210	-30.5	75.6	180	6.6
27220	-33.8	75.6	180	-1.3
27230	-36.7	75.7	180	-6.6
27240	-37.0	75.8	180	-17.0
27250	-36.2	76.0	179	-25.5
27260	-35.1	76.3	179	-36.2
27270	-35.7	76.8	179	-41.5
27280	-37.2	77.3	178	-62.0
27290	-38.1	78.0	177	-66.0
27300	-37.3	78.7	177	-68.6
27310	-34.6	79.5	176	-78.2
27320	-31.1	80.5	175	-86.2
27330	-29.3	81.5	174	-93.4
27340	-29.3	82.6	173	-100.8
27350	-31.1	83.7	172	-107.5
27360	-32.3	85.0	170	-115.0
27370	-31.9	86.4	169	-136.8
27380	-29.7	87.8	168	-145.0
27390	-27.8	89.4	166	-153.0
27400	-26.6	90.9	165	-160.7
27410	-26.2	92.6	163	-167.4
27420	-26.6	94.3	161	-174.6
27430	-27.1	96.1	159	-181.8
27440	-26.8	98.0	157	-188.4
27450	-25.1	99.9	156	-195.6
27460	-22.5	102.0	153	-202.5
27470	-20.2	104.0	151	-207.6
27480	-19.8	106.1	149	-212.7

27490	-20.6	108.3	147	-217.7
27500	-19.9	110.5	145	-222.8
27510	-17.4	112.8	143	-227.6
27520	-14.6	115.1	140	-231.3
27530	-12.6	117.4	138	-234.5
27540	-11.8	119.8	136	-237.4
27550	-11.7	122.2	133	-239.6
27560	-12.7	124.6	131	-242.2
27570	-14.4	127.0	128	-244.9
27580	-13.6	129.5	126	-248.6
27590	-11.8	132.0	123	-251.0
27600	-10.6	134.5	121	-253.4
27610	-8.8	137.1	118	-255.3
27620	-7.2	139.7	116	-256.3
27630	-6.9	142.2	113	-257.4
27640	-8.7	144.8	111	-258.5
27650	-8.8	147.4	108	-259.5
27660	-7.9	150.0	105	-261.1
27670	-6.6	152.6	103	-261.9
27680	-5.0	155.2	100	-262.4
27690	-3.0	157.9	98	-262.7
27700	-3.4	160.5	95	-262.2
27710	-5.0	163.1	92	-261.9
27720	-6.9	165.7	90	-262.4
27730	-7.2	168.4	87	-263.2
27740	-6.1	171.0	84	-264.0
27750	-3.4	173.6	82	-264.3
27760	-2.4	176.3	79	-264.3
27770	-2.3	178.9	77	-263.5
27780	-2.4	181.6	74	-263.2
27790	-2.3	184.2	71	-262.4
27800	-2.4	186.8	69	-261.9
27810	-2.3	189.4	66	-261.4
27820	-2.2	192.0	63	-260.8
27830	-1.5	194.6	61	-260.0
27840	1.8	197.2	58	-259.0
27850	4.7	199.8	56	-256.6
27860	3.5	202.4	53	-254.2
27870	0.0	204.9	51	-252.1
27880	-2.0	207.4	48	-251.3
27890	-1.5	209.9	46	-250.5
27900	0.1	212.4	43	-249.4
27910	2.0	214.9	41	-248.1
27920	5.0	217.4	38	-245.7
27930	6.0	219.8	36	-242.7
27940	5.6	222.2	33	-239.8
27950	3.3	224.6	31	-237.4
27960	1.9	226.9	29	-235.3
27970	2.6	229.3	26	-233.7
27980	5.3	231.6	24	-231.6
27990	8.4	233.9	22	-228.4
28000	10.7	236.2	19	-224.6
28010	10.7	238.4	17	-220.4
28020	9.6	240.5	15	-216.4

28030	8.8	242.7	13	-212.4
28040	9.4	244.8	11	-208.4
28050	11.0	246.8	9	-204.4
28060	13.6	248.8	7	-199.9
28070	15.2	250.8	5	-194.8
28080	16.8	252.7	3	-189.0
28090	18.8	254.5	1	-182.8
28100	16.4	256.2	-1	-167.4
28110	5.2	257.7	-2	-130.1
28120	-2.3	259.0	-4	-123.5
28130	-1.4	260.1	-5	-94.5
28140	-0.9	261.0	-6	-97.1
28150	0.0	261.8	-6	-76.4
28160	8.9	262.5	-7	-57.7
28170	23.9	263.0	-8	-52.4
28180	33.9	263.5	-8	-38.3
28190	37.2	263.8	-8	-35.1
28200	34.7	264.1	-9	-21.5
28210	29.2	264.2	-9	-12.5
28220	25.9	264.3	-9	-4.2
28230	27.7	264.3	-9	1.3
28240	34.3	264.2	-9	5.8
28250	38.1	264.1	-9	15.7
28260	37.2	263.9	-8	27.4
28270	32.7	263.6	-8	34.8
28280	28.2	263.2	-8	39.6
28290	27.5	262.6	-7	56.9
28300	30.6	262.1	-7	59.3
28310	35.0	261.4	-6	61.2
28320	37.4	260.7	-5	69.7
28330	35.8	259.8	-4	79.0
28340	30.5	258.8	-3	107.0
28350	25.8	257.9	-2	105.4
28360	23.9	256.7	-1	100.8
28370	25.6	255.6	0	106.4
28380	29.2	254.3	1	125.3
28390	30.1	253.0	2	133.3
28400	27.8	251.6	4	141.8
28410	23.9	250.1	5	149.0
28420	20.5	248.6	7	155.2
28430	19.3	247.0	8	160.5
28440	20.6	245.3	10	165.5
28450	22.4	243.6	12	171.1
28460	22.6	241.9	14	176.7
28470	21.2	240.1	15	182.6
28480	17.8	238.2	17	187.4
28490	14.8	236.3	19	191.9
28500	12.9	234.3	21	195.4
28510	13.4	232.4	23	198.3
28520	14.5	230.4	25	201.5
28530	14.4	228.3	27	204.7
28540	11.8	226.2	29	208.1
28550	8.1	224.1	31	210.5
28560	4.5	222.0	33	212.1

28570	3.4	219.9	36	212.7
28580	4.9	217.8	38	212.4
28590	8.0	215.6	40	212.9
28600	11.0	213.5	42	214.3
28610	9.9	211.3	44	216.7
28620	4.9	209.2	46	218.0
28630	1.4	207.0	48	218.3
28640	1.6	204.8	51	217.7
28650	1.5	202.6	53	217.5
28660	1.2	200.5	55	216.7
28670	0.4	198.3	57	215.9
28680	0.4	196.1	59	215.1
28690	1.4	194.0	61	214.3
28700	2.0	191.9	64	213.7
28710	2.0	189.7	66	213.2
28720	2.0	187.6	68	212.9
28730	1.9	185.5	70	212.4
28740	1.9	183.3	72	212.1
28750	2.0	181.2	74	211.9
28760	2.0	179.1	76	211.1
28770	2.7	177.0	78	211.1
28780	5.4	174.9	81	210.8
28790	8.5	172.8	83	211.3
28800	7.9	170.7	85	212.9
28810	5.3	168.5	87	214.3
28820	3.0	166.4	89	214.5
28830	3.0	164.2	91	214.3
28840	4.5	162.1	93	214.5
28850	7.3	159.9	96	214.8
28860	8.7	157.8	98	216.1
28870	7.6	155.6	100	217.2
28880	5.3	153.4	102	218.5
28890	3.8	151.2	104	218.8
28900	3.8	149.0	106	218.8
28910	5.0	146.8	109	219.1
28920	5.8	144.7	111	219.3
28930	6.1	142.5	113	219.9
28940	5.2	140.3	115	220.4
28950	3.5	138.0	117	220.9
28960	2.6	135.8	120	221.2
28970	2.7	133.6	122	220.6
28980	3.1	131.4	124	220.6
28990	3.4	129.2	126	220.6
29000	2.8	127.0	128	220.4
29010	2.2	124.8	131	220.4
29020	1.9	122.6	133	219.9
29030	1.8	120.4	135	219.3
29040	1.8	118.2	137	219.1
29050	1.8	116.0	139	218.5
29060	1.5	113.8	142	218.0
29070	0.3	111.7	144	217.5
29080	-5.6	109.5	146	215.6
29090	-9.5	107.4	148	212.4
29100	-9.2	105.3	150	208.7

29110	-6.0	103.2	152	204.9
29120	-3.7	101.2	154	202.3
29130	-3.7	99.2	156	200.7
29140	-6.4	97.2	158	198.3
29150	-10.3	95.2	160	195.1
29160	-13.2	93.3	162	190.8
29170	-13.3	91.4	164	185.8
29180	-11.9	89.6	166	181.0
29190	-11.3	87.8	168	176.7
29200	-13.0	86.1	169	172.2
29210	-17.0	84.4	171	182.6
29220	-13.4	83.0	172	146.1
29230	-4.1	81.7	174	126.9
29240	1.6	80.5	175	99.5
29250	0.9	79.5	176	96.1
29260	0.8	78.6	177	90.5
29270	0.3	77.9	178	71.3
29280	-0.3	77.3	178	61.4
29290	-7.7	76.7	179	52.4
29300	-20.5	76.2	179	47.3
29310	-26.3	75.9	180	35.6
29320	-25.0	75.6	180	31.1
29330	-20.7	75.3	180	21.8
29340	-18.2	75.2	180	14.6
29350	-19.8	75.0	180	12.2
29360	-24.1	75.0	180	4.7
29370	-28.2	75.0	180	-1.5
29380	-31.2	75.0	180	-6.6
29390	-30.6	75.2	180	-13.3
29400	-29.4	75.4	180	-21.0
29410	-29.7	75.7	180	-28.2
29420	-34.0	76.0	179	-43.3
29430	-38.9	76.5	179	-48.9
29440	-42.0	77.1	178	-53.7
29450	-40.7	77.8	178	-78.2
29460	-36.5	78.5	177	-81.9
29470	-31.7	79.4	176	-91.8
29480	-30.4	80.4	175	-90.5
29490	-32.7	81.5	174	-97.7
29500	-35.4	82.7	173	-129.3
29510	-35.7	83.9	172	-139.2
29520	-32.4	85.3	170	-149.8
29530	-28.2	86.7	169	-144.5
29540	-25.8	88.2	167	-152.5
29550	-25.9	89.8	166	-159.2
29560	-27.0	91.4	164	-166.3
29570	-27.0	93.1	162	-173.5
29580	-25.9	94.9	161	-180.2
29590	-24.1	96.8	159	-187.1
29600	-22.5	98.7	157	-193.5
29610	-21.7	100.7	155	-199.1
29620	-21.7	102.7	153	-204.9
29630	-22.5	104.8	151	-210.5
29640	-23.2	106.9	149	-215.9

29650	-22.0	109.1	146	-221.4
29660	-18.7	111.4	144	-226.5
29670	-15.6	113.7	142	-230.8
29680	-14.2	116.0	139	-234.2
29690	-14.1	118.4	137	-237.4
29700	-14.1	120.8	135	-240.3
29710	-14.6	123.2	132	-243.3
29720	-15.5	125.7	130	-246.5
29730	-15.1	128.2	127	-249.7
29740	-13.8	130.7	125	-252.3
29750	-12.9	133.2	122	-255.5
29760	-12.5	135.8	120	-257.9
29770	-11.3	138.4	117	-260.8
29780	-10.3	141.0	114	-262.7
29790	-11.4	143.7	112	-264.8
29800	-12.3	146.3	109	-266.4
29810	-11.7	149.0	106	-268.8
29820	-11.3	151.7	104	-270.7
29830	-9.6	154.5	101	-272.6
29840	-6.8	157.2	98	-274.2
29850	-4.6	159.9	96	-274.4
29860	-5.8	162.7	93	-275.0
29870	-7.6	165.4	90	-275.0
29880	-8.8	168.2	87	-276.3
29890	-8.4	171.0	84	-277.6
29900	-6.0	173.8	82	-278.2
29910	-3.8	176.6	79	-279.2
29920	-3.0	179.3	76	-278.7
29930	-3.1	182.1	73	-278.4
29940	-3.4	184.9	71	-277.9
29950	-4.1	187.7	68	-277.9
29960	-3.4	190.5	65	-277.4
29970	-2.4	193.2	62	-277.1
29980	-2.3	196.0	59	-276.3
29990	-2.4	198.8	57	-276.0
30000	-2.3	201.5	54	-275.0
30010	-2.4	204.2	51	-274.4
30020	-1.9	207.0	48	-273.9
30030	1.8	209.7	46	-272.6
30040	6.8	212.4	43	-270.4
30050	6.8	215.1	40	-267.0
30060	5.0	217.8	38	-263.8
30070	2.7	220.4	35	-261.1
30080	2.8	223.0	32	-259.0
30090	3.7	225.6	30	-257.1
30100	5.7	228.1	27	-254.2
30110	7.9	230.6	25	-251.0
30120	8.9	233.1	22	-247.3
30130	9.8	235.5	20	-243.3
30140	10.8	237.9	18	-239.3
30150	13.0	240.3	15	-234.8
30160	16.0	242.6	13	-229.2
30170	18.6	244.9	11	-223.0
30180	20.5	247.0	8	-216.4

30190	20.9	249.1	6	-208.9
30200	19.9	251.2	4	-202.3
30210	20.5	253.2	2	-195.4
30220	22.1	255.0	0	-169.0
30230	17.9	256.7	-1	-147.4
30240	5.4	258.1	-3	-140.2
30250	-1.8	259.5	-4	-132.0
30260	-1.1	260.5	-5	-102.4
30270	4.9	261.4	-6	-94.5
30280	17.2	262.1	-7	-71.3
30290	29.3	262.7	-7	-52.9
30300	37.6	263.3	-8	-51.6
30310	39.2	263.6	-8	-36.2
30320	35.7	263.9	-8	-25.0
30330	31.1	264.1	-9	-13.8
30340	28.5	264.2	-9	-6.9
30350	29.6	264.2	-9	1.0
30360	35.9	264.1	-9	4.2
30370	39.1	264.0	-9	13.8
30380	37.4	263.8	-8	24.4
30390	32.7	263.5	-8	31.1
30400	28.7	263.1	-8	39.9
30410	28.1	262.6	-7	46.5
30420	30.5	262.0	-7	53.5
30430	33.5	261.4	-6	61.4
30440	34.2	260.6	-5	70.8
30450	32.0	259.8	-4	77.7
30460	28.1	258.8	-3	104.3
30470	25.0	257.8	-2	102.2
30480	23.9	256.8	-1	97.9
30490	25.2	255.6	0	105.4
30500	27.1	254.4	1	122.1
30510	27.0	253.1	2	129.3
30520	24.5	251.7	4	137.1
30530	21.2	250.3	5	143.4
30540	19.3	248.8	7	149.0
30550	18.4	247.3	8	154.4
30560	19.4	245.7	10	158.6
30570	20.5	244.1	11	163.9
30580	20.1	242.4	13	169.0
30590	17.9	240.7	15	174.3
30600	14.6	238.9	17	178.6
30610	11.8	237.1	18	182.0
30620	10.6	235.3	20	184.7
30630	10.8	233.4	22	187.1
30640	11.8	231.5	24	189.5
30650	12.1	229.6	26	192.2
30660	11.3	227.7	28	194.8
30670	9.6	225.7	30	197.0
30680	7.3	223.7	32	198.8
30690	5.3	221.7	34	200.1
30700	4.5	219.7	36	200.7
30710	4.7	217.7	38	201.2
30720	4.9	215.7	40	201.5

30730	5.8	213.7	42	202.3
30740	6.1	211.6	44	203.1
30750	5.8	209.6	46	203.9
30760	5.3	207.5	48	204.7
30770	4.5	205.5	50	205.2
30780	3.3	203.4	52	205.7
30790	2.2	201.4	54	205.5
30800	1.8	199.3	56	205.5
30810	1.8	197.3	58	204.7
30820	1.8	195.2	60	204.4
30830	1.8	193.2	62	203.9
30840	1.8	191.1	64	203.6
30850	1.9	189.1	66	203.1
30860	2.2	187.1	68	202.5
30870	2.7	185.1	70	202.3
30880	4.7	183.0	72	202.3
30890	5.4	181.0	74	202.5
30900	4.5	179.0	76	203.1
30910	4.2	176.9	79	203.6
30920	4.3	174.9	81	203.6
30930	5.4	172.9	83	203.9
30940	6.0	170.8	85	204.9
30950	6.4	168.8	87	206.0
30960	6.0	166.7	89	206.5
30970	5.7	164.6	91	207.1
30980	5.8	162.6	93	207.6
30990	6.9	160.5	95	208.4
31000	7.2	158.4	97	209.5
31010	6.5	156.3	99	210.5
31020	5.7	154.2	101	211.6
31030	6.1	152.0	103	211.9
31040	6.5	149.9	106	212.9
31050	6.8	147.8	108	214.0
31060	6.6	145.6	110	215.1
31070	6.1	143.5	112	215.6
31080	5.7	141.3	114	216.7
31090	5.2	139.1	116	217.2
31100	4.7	137.0	118	218.0
31110	4.7	134.8	121	218.3
31120	5.3	132.6	123	218.3
31130	5.2	130.4	125	218.8
31140	4.9	128.2	127	219.1
31150	3.8	126.0	129	219.3
31160	3.0	123.8	132	219.6
31170	2.3	121.6	134	219.3
31180	2.2	119.4	136	219.1
31190	2.0	117.3	138	218.5
31200	1.9	115.1	140	218.0
31210	1.8	112.9	143	217.5
31220	1.8	110.7	145	216.9
31230	1.6	108.5	147	216.7
31240	1.4	106.4	149	216.1
31250	-1.2	104.2	151	215.1
31260	-7.3	102.1	153	213.2

31270	-9.2	100.0	155	209.7
31280	-6.6	97.9	158	205.7
31290	-2.8	95.9	160	203.3
31300	-2.4	93.9	162	201.5
31310	-5.2	91.9	164	199.6
31320	-9.9	89.9	166	196.4
31330	-14.0	88.0	167	191.9
31340	-15.7	86.1	169	187.1
31350	-14.9	84.2	171	197.5
31360	-6.4	82.7	173	157.3
31370	2.0	81.3	174	121.3
31380	2.7	80.0	175	126.4
31390	7.5	79.1	176	98.5
31400	3.5	78.2	177	83.8
31410	-0.3	77.5	178	70.8
31420	-4.5	76.8	179	53.5
31430	-20.2	76.3	179	48.9
31440	-28.7	75.9	180	39.4
31450	-30.2	75.6	180	30.8
31460	-24.1	75.3	180	22.3
31470	-19.9	75.2	180	14.3
31480	-20.1	75.0	180	11.4
31490	-26.0	75.0	180	3.4
31500	-34.6	75.0	180	-2.1
31510	-40.5	75.1	180	-11.4
31520	-40.3	75.3	180	-22.8
31530	-35.5	75.6	180	-35.1
31540	-31.9	76.0	179	-46.0
31550	-33.1	76.4	179	-50.5
31560	-38.9	77.0	178	-54.3
31570	-44.2	77.7	178	-78.2
31580	-44.1	78.5	177	-82.7
31590	-38.1	79.4	176	-85.1
31600	-29.4	80.4	175	-94.2
31610	-23.7	81.6	174	-122.9
31620	-24.3	82.7	173	-128.5
31630	-29.2	84.0	171	-137.3
31640	-32.8	85.3	170	-146.1
31650	-32.8	86.7	169	-141.6
31660	-29.2	88.2	167	-150.6
31670	-25.0	89.7	166	-157.8
31680	-23.2	91.4	164	-165.0
31690	-24.3	93.0	162	-171.1
31700	-26.3	94.8	161	-177.3
31710	-26.6	96.6	159	-184.7
31720	-24.0	98.5	157	-191.4
31730	-19.4	100.5	155	-197.2
31740	-15.9	102.5	153	-202.0
31750	-15.2	104.5	151	-205.7
31760	-18.2	106.6	149	-209.2
31770	-20.9	108.8	147	-214.0
31780	-19.5	110.9	145	-218.5
31790	-15.3	113.2	142	-223.3
31800	-11.1	115.4	140	-226.5

31810	-9.1	117.7	138	-228.6
31820	-9.4	120.0	135	-230.5
31830	-11.5	122.3	133	-232.1
31840	-14.1	124.7	131	-234.8
31850	-14.9	127.0	128	-238.0
31860	-12.1	129.4	126	-240.9
31870	-8.4	131.9	124	-243.5
31880	-7.1	134.3	121	-244.9
31890	-6.8	136.8	119	-245.7
31900	-7.6	139.2	116	-246.5
31910	-8.7	141.7	114	-247.3
31920	-10.0	144.2	111	-248.9
31930	-9.2	146.7	109	-250.5
31940	-6.2	149.2	106	-251.5
31950	-4.9	151.7	104	-252.1
31960	-4.7	154.2	101	-251.8
31970	-5.3	156.8	99	-251.8
31980	-5.4	159.3	96	-252.3
31990	-7.1	161.8	94	-253.1
32000	-7.9	164.3	91	-253.4
32010	-6.6	166.9	89	-254.5
32020	-4.6	169.4	86	-255.0
32030	-3.7	172.0	83	-255.0
32040	-2.8	174.5	81	-255.0
32050	-2.8	177.1	78	-254.5
32060	-3.1	179.6	76	-254.5
32070	-3.7	182.2	73	-253.9
32080	-3.8	184.7	71	-253.7
32090	-4.1	187.2	68	-253.9
32100	-3.4	189.8	66	-253.9
32110	-2.4	192.3	63	-253.7
32120	-2.3	194.9	61	-253.1
32130	-2.3	197.4	58	-252.6
32140	-2.3	199.9	56	-252.1
32150	-2.3	202.4	53	-251.5
32160	-2.3	204.9	51	-250.7
32170	-2.2	207.4	48	-250.5
32180	-1.8	209.9	46	-249.9
32190	1.6	212.4	43	-248.6
32200	5.7	214.9	41	-246.5
32210	7.3	217.3	38	-243.3
32220	5.0	219.8	36	-240.3
32230	1.5	222.1	33	-238.0
32240	-0.9	224.5	31	-236.6
32250	0.1	226.9	29	-235.6
32260	4.5	229.2	26	-234.0
32270	9.5	231.5	24	-231.0
32280	11.9	233.8	22	-227.0
32290	12.7	236.0	19	-222.2
32300	11.5	238.2	17	-217.5
32310	10.4	240.4	15	-213.2
32320	10.6	242.5	13	-208.9
32330	12.5	244.5	11	-204.4
32340	15.2	246.5	9	-199.4

32350	17.6	248.5	7	-194.0
32360	18.6	250.4	5	-187.6
32370	20.1	252.2	3	-180.7
32380	22.4	254.0	1	-173.8
32390	23.7	255.6	0	-179.1
32400	16.5	257.0	-2	-139.2
32410	7.2	258.3	-3	-109.6
32420	2.0	259.4	-4	-106.4
32430	3.8	260.4	-5	-100.8
32440	10.8	261.1	-6	-78.8
32450	20.1	261.8	-6	-59.3
32460	27.8	262.4	-7	-55.3
32470	33.2	262.9	-7	-41.5
32480	34.7	263.3	-8	-36.7
32490	34.0	263.6	-8	-24.2
32500	32.5	263.8	-8	-17.3
32510	31.9	263.9	-8	-7.1
32520	32.7	263.9	-8	0.7
32530	36.7	263.9	-8	4.2
32540	38.2	263.7	-8	15.7
32550	37.0	263.5	-8	27.6
32560	34.3	263.2	-8	35.1
32570	32.1	262.8	-7	39.9
32580	32.1	262.3	-7	58.8
32590	33.8	261.6	-6	68.6
32600	35.1	261.0	-6	71.6
32610	35.1	260.2	-5	72.9
32620	32.7	259.3	-4	99.5
32630	29.2	258.4	-3	99.0
32640	26.2	257.3	-2	96.1
32650	25.2	256.2	-1	102.4
32660	26.8	255.0	0	108.3
32670	28.7	253.7	2	127.7
32680	28.5	252.3	3	135.7
32690	26.6	250.9	5	143.4
32700	22.9	249.4	6	150.6
32710	19.4	247.9	8	156.5
32720	18.0	246.3	9	161.5
32730	19.0	244.6	11	166.6
32740	20.5	242.9	13	171.4
32750	20.9	241.2	14	176.7
32760	19.0	239.4	16	181.8
32770	15.3	237.5	18	186.3
32780	12.3	235.6	20	190.3
32790	10.3	233.7	22	192.7
32800	10.4	231.8	24	195.1
32810	11.3	229.8	26	197.2
32820	11.1	227.8	28	199.6
32830	9.8	225.8	30	201.5
32840	7.6	223.8	32	203.6
32850	5.6	221.7	34	204.7
32860	4.6	219.7	36	206.0
32870	5.2	217.6	38	206.3
32880	6.5	215.5	40	206.5

32890	8.7	213.5	42	207.9
32900	8.9	211.4	44	209.5
32910	7.1	209.3	46	210.8
32920	3.4	207.1	48	211.6
32930	1.8	205.0	50	211.9
32940	1.8	202.9	53	211.3
32950	1.8	200.8	55	210.8
32960	1.8	198.7	57	210.3
32970	1.8	196.6	59	210.0
32980	1.9	194.5	61	209.5
32990	2.0	192.4	63	208.9
33000	2.3	190.3	65	208.7
33010	3.1	188.2	67	208.1
33020	5.2	186.2	69	208.4
33030	6.1	184.1	71	208.9
33040	5.3	182.0	73	209.7
33050	3.5	179.9	76	210.0
33060	3.5	177.8	78	210.0
33070	4.9	175.7	80	210.3
33080	6.1	173.6	82	210.8
33090	6.2	171.4	84	211.6
33100	6.0	169.3	86	212.4
33110	5.8	167.2	88	212.7
33120	6.0	165.1	90	213.5
33130	6.0	162.9	93	214.3
33140	6.4	160.8	95	215.1
33150	6.5	158.6	97	215.9
33160	5.3	156.4	99	216.7
33170	4.7	154.3	101	217.5
33180	5.4	152.1	103	218.0
33190	6.4	149.9	106	218.8
33200	6.5	147.7	108	219.6
33210	5.8	145.5	110	220.6
33220	4.7	143.3	112	221.2
33230	3.9	141.1	114	221.4
33240	3.5	138.9	117	221.4
33250	3.4	136.7	119	221.4
33260	3.5	134.4	121	221.7
33270	3.7	132.2	123	221.7
33280	3.1	130.0	125	221.4
33290	2.6	127.8	128	221.2
33300	1.9	125.6	130	220.9
33310	1.8	123.4	132	220.6
33320	1.8	121.2	134	220.4
33330	1.6	119.0	136	219.6
33340	1.5	116.8	139	219.3
33350	0.7	114.6	141	218.5
33360	-3.8	112.4	143	216.9
33370	-7.9	110.3	145	214.3
33380	-7.2	108.2	147	211.1
33390	-2.8	106.1	149	208.4
33400	0.0	104.0	151	206.5
33410	-0.8	101.9	154	205.5
33420	-4.2	99.9	156	203.9

33430	-7.6	97.9	158	201.5
33440	-9.5	95.9	160	198.0
33450	-10.0	93.9	162	193.8
33460	-10.2	92.0	163	190.3
33470	-10.6	90.1	165	186.3
33480	-11.8	88.3	167	182.0
33490	-14.6	86.5	169	177.3
33500	-18.3	84.9	171	154.6
33510	-16.3	83.3	172	137.9
33520	-5.8	81.9	174	133.3
33530	1.8	80.7	175	104.3
33540	0.9	79.6	176	100.3
33550	0.5	78.8	177	78.5
33560	-0.3	78.0	177	74.0
33570	-6.2	77.3	178	63.0
33580	-16.0	76.7	179	57.7
33590	-21.0	76.3	179	39.6
33600	-21.8	75.9	180	37.0
33610	-20.7	75.6	180	27.9
33620	-20.5	75.3	180	25.2
33630	-21.6	75.1	180	19.7
33640	-25.4	75.0	180	14.3
33650	-29.3	74.9	181	5.3
33660	-32.7	74.9	181	-1.8
33670	-35.9	75.0	180	-8.7
33680	-36.6	75.1	180	-17.3
33690	-36.7	75.3	180	-24.4
33700	-37.2	75.7	180	-33.5
33710	-38.4	76.2	179	-52.4
33720	-39.5	76.7	179	-58.0
33730	-39.5	77.4	178	-62.2
33740	-37.4	78.2	177	-87.8
33750	-34.2	79.0	176	-98.7
33760	-30.6	80.0	175	-99.0
33770	-28.7	81.0	174	-96.1
33780	-28.9	82.2	173	-126.1
33790	-30.5	83.4	172	-134.4
33800	-32.0	84.6	171	-117.1
33810	-32.1	86.1	169	-138.9
33820	-30.2	87.5	168	-147.4
33830	-28.2	89.0	166	-155.4
33840	-26.6	90.7	165	-163.1
33850	-25.5	92.3	163	-170.1
33860	-25.0	94.1	161	-177.0
33870	-24.5	95.9	160	-183.4
33880	-23.6	97.8	158	-189.5
33890	-21.2	99.7	156	-195.6
33900	-18.6	101.7	154	-200.9
33910	-16.0	103.8	152	-205.2
33920	-15.9	105.8	150	-208.9
33930	-17.1	108.0	147	-212.9
33940	-16.8	110.1	145	-217.2
33950	-14.2	112.3	143	-220.6
33960	-11.7	114.6	141	-223.8

33970	-10.0	116.8	139	-226.2
33980	-10.2	119.1	136	-228.4
33990	-10.3	121.4	134	-230.0
34000	-11.5	123.7	132	-232.1
34010	-12.7	126.0	129	-234.5
34020	-12.3	128.4	127	-237.2
34030	-9.6	130.8	125	-239.0
34040	-7.1	133.2	122	-240.6
34050	-5.7	135.6	120	-241.1
34060	-5.0	138.0	117	-241.7
34070	-5.3	140.5	115	-242.2
34080	-6.9	142.9	113	-242.7
34090	-8.1	145.3	110	-244.1
34100	-7.1	147.8	108	-245.4
34110	-6.0	150.2	105	-246.2
34120	-5.6	152.7	103	-247.0
34130	-5.6	155.2	100	-247.5
34140	-4.3	157.6	98	-247.8
34150	-4.7	160.1	95	-248.1
34160	-6.9	162.6	93	-248.3
34170	-8.3	165.1	90	-249.4
34180	-7.5	167.6	88	-250.2
34190	-5.8	170.1	85	-251.0
34200	-3.9	172.6	83	-251.5
34210	-2.8	175.1	80	-251.3
34220	-3.0	177.7	78	-251.0
34230	-3.7	180.2	75	-250.5
34240	-4.7	182.7	73	-250.7
34250	-5.3	185.2	70	-250.7
34260	-5.4	187.7	68	-251.3
34270	-3.9	190.2	65	-251.5
34280	-2.4	192.7	63	-251.3
34290	-2.4	195.2	60	-250.5
34300	-2.6	197.7	58	-250.5
34310	-2.7	200.2	55	-249.9
34320	-3.0	202.7	53	-249.7
34330	-4.1	205.2	50	-249.1
34340	-4.6	207.7	48	-249.1
34350	-3.3	210.2	45	-249.1
34360	-2.0	212.7	43	-249.1
34370	-2.2	215.2	40	-248.9
34380	-2.0	217.7	38	-248.1
34390	-2.0	220.1	35	-247.5
34400	2.8	222.6	33	-246.2
34410	12.1	225.1	30	-243.5
34420	15.5	227.4	28	-238.2
34430	12.3	229.8	26	-232.9
34440	5.7	232.1	23	-228.9
34450	1.4	234.4	21	-226.5
34460	2.6	236.6	19	-224.6
34470	8.8	238.8	17	-222.0
34480	16.7	241.0	14	-217.7
34490	22.8	243.2	12	-211.1
34500	24.4	245.2	10	-203.1

34510	22.0	247.2	8	-194.8
34520	18.6	249.1	6	-187.6
34530	16.4	250.9	5	-181.5
34540	18.6	252.7	3	-175.7
34550	24.0	254.4	1	-168.5
34560	25.2	256.0	-1	-169.0
34570	16.7	257.3	-2	-132.3
34580	7.6	258.5	-3	-104.3
34590	3.3	259.5	-4	-101.9
34600	6.0	260.5	-5	-96.6
34610	14.5	261.2	-6	-75.3
34620	26.2	261.9	-6	-62.5
34630	34.4	262.4	-7	-52.4
34640	38.2	262.9	-7	-46.3
34650	36.5	263.2	-8	-31.9
34660	32.3	263.5	-8	-22.0
34670	29.6	263.6	-8	-12.2
34680	29.7	263.7	-8	-4.7
34690	33.8	263.7	-8	1.0
34700	38.8	263.6	-8	8.7
34710	39.1	263.5	-8	19.7
34720	36.2	263.2	-8	28.4
34730	31.6	262.9	-7	38.3
34740	28.9	262.4	-7	42.5
34750	29.2	261.9	-6	60.9
34760	31.7	261.3	-6	63.0
34770	33.4	260.6	-5	72.1
34780	32.8	259.8	-4	81.1
34790	30.1	258.9	-3	80.9
34800	26.0	257.9	-2	107.8
34810	23.5	256.9	-1	104.6
34820	23.2	255.8	0	99.8
34830	24.7	254.7	1	105.4
34840	25.6	253.4	2	123.7
34850	24.5	252.1	3	130.7
34860	21.4	250.8	5	137.3
34870	18.2	249.3	6	142.9
34880	15.3	247.9	8	147.4
34890	14.6	246.4	9	151.4
34900	15.6	244.8	11	155.4
34910	16.4	243.2	12	159.2
34920	16.3	241.6	14	163.4
34930	14.5	240.0	15	167.4
34940	11.3	238.3	17	170.6
34950	8.9	236.5	19	173.3
34960	8.0	234.8	21	175.1
34970	8.4	233.0	22	176.7
34980	9.8	231.2	24	178.6
34990	9.8	229.4	26	180.2
35000	8.5	227.6	28	182.0
35010	6.5	225.8	30	183.6
35020	4.7	223.9	32	184.7
35030	4.1	222.1	33	185.5
35040	4.7	220.2	35	185.5

35050	6.4	218.4	37	186.6
35060	7.3	216.5	39	187.1
35070	7.6	214.6	41	188.4
35080	6.4	212.7	43	190.0
35090	3.4	210.8	45	190.8
35100	1.5	208.9	47	191.1
35110	1.6	207.0	48	190.6
35120	1.6	205.1	50	190.3
35130	1.8	203.2	52	189.5
35140	1.8	201.3	54	189.5
35150	1.8	199.4	56	189.0
35160	1.8	197.5	58	188.7
35170	1.8	195.6	60	188.2
35180	1.8	193.8	62	187.9
35190	1.9	191.9	64	187.4
35200	1.8	190.0	65	187.4
35210	2.0	188.1	67	186.8
35220	2.4	186.3	69	186.6
35230	3.8	184.4	71	186.3
35240	5.3	182.5	73	186.6
35250	5.0	180.7	75	187.6
35260	4.5	178.8	77	187.9
35270	4.9	176.9	79	188.4
35280	4.7	175.0	80	189.0
35290	5.3	173.1	82	189.5
35300	5.6	171.2	84	190.3
35310	5.7	169.3	86	190.8
35320	6.1	167.4	88	191.4
35330	6.2	165.5	90	192.2
35340	6.5	163.5	92	193.0
35350	6.5	161.6	94	193.8
35360	6.6	159.7	96	195.1
35370	6.9	157.7	98	195.9
35380	6.9	155.7	100	197.2
35390	7.2	153.8	102	198.0
35400	7.2	151.8	104	199.1
35410	6.8	149.8	106	200.4
35420	6.1	147.7	108	201.7
35430	5.7	145.7	110	202.5
35440	5.8	143.7	112	203.3
35450	6.6	141.7	114	204.1
35460	7.3	139.6	116	205.2
35470	7.1	137.5	118	206.3
35480	6.0	135.5	120	207.3
35490	5.4	133.4	122	208.1
35500	4.7	131.3	124	208.7
35510	4.7	129.2	126	209.5
35520	4.9	127.1	128	209.7
35530	4.6	125.0	130	210.3
35540	4.7	122.9	133	210.5
35550	3.8	120.8	135	210.8
35560	3.0	118.7	137	211.1
35570	2.3	116.6	139	211.1
35580	1.9	114.5	141	210.5

35590	1.8	112.4	143	210.0
35600	1.6	110.3	145	210.0
35610	1.6	108.2	147	209.2
35620	1.2	106.1	149	208.7
35630	-3.3	104.0	151	207.6
35640	-10.2	102.0	153	204.9
35650	-11.7	99.9	156	200.7
35660	-8.1	98.0	157	196.2
35670	-4.3	96.0	159	193.2
35680	-4.3	94.1	161	191.1
35690	-8.0	92.2	163	188.7
35700	-13.6	90.3	165	184.7
35710	-16.5	88.5	167	179.7
35720	-16.8	86.8	169	173.8
35730	-14.9	85.2	170	151.2
35740	-9.5	83.6	172	138.7
35750	1.6	82.1	173	147.7
35760	1.8	81.0	174	117.1
35770	0.9	79.9	176	101.1
35780	0.0	79.0	176	86.7
35790	-0.5	78.2	177	82.5
35800	-13.8	77.6	178	63.6
35810	-28.3	77.0	178	52.4
35820	-36.6	76.6	179	42.5
35830	-35.3	76.2	179	29.0
35840	-27.3	76.0	179	25.2
35850	-21.6	75.8	180	16.5
35860	-21.3	75.7	180	9.5
35870	-28.2	75.6	180	4.2
35880	-35.9	75.6	180	-2.6
35890	-40.1	75.7	180	-9.3
35900	-38.0	75.9	180	-17.8
35910	-31.1	76.1	179	-27.1
35920	-26.7	76.5	179	-34.8
35930	-29.4	76.9	179	-42.0
35940	-38.2	77.5	178	-60.6
35950	-44.3	78.1	177	-65.2
35960	-44.1	78.8	177	-69.7
35970	-36.5	79.7	176	-98.2
35980	-27.7	80.7	175	-107.2
35990	-23.5	81.7	174	-116.6
36000	-25.8	82.8	173	-112.6
36010	-31.7	84.0	171	-107.2
36020	-35.4	85.2	170	-115.2
36030	-33.5	86.6	169	-137.1
36040	-27.8	88.1	167	-146.4
36050	-22.8	89.6	166	-153.6
36060	-22.1	91.2	164	-160.2
36070	-25.1	92.8	163	-165.5
36080	-27.7	94.5	161	-172.5
36090	-27.7	96.3	159	-179.9
36100	-23.9	98.2	157	-186.8
36110	-18.2	100.1	155	-193.0
36120	-14.5	102.1	153	-197.2

36130	-14.5	104.1	151	-200.7
36140	-17.9	106.1	149	-204.1
36150	-21.2	108.2	147	-208.9
36160	-20.2	110.3	145	-214.3
36170	-16.0	112.5	143	-218.8
36180	-11.9	114.7	141	-222.5
36190	-10.4	116.9	139	-224.9
36200	-11.7	119.2	136	-227.3
36210	-13.3	121.5	134	-229.7
36220	-14.9	123.8	132	-232.4
36230	-15.2	126.2	129	-235.8
36240	-13.4	128.5	127	-239.0
36250	-10.0	130.9	125	-241.4
36260	-8.0	133.4	122	-243.0
36270	-8.0	135.8	120	-244.1
36280	-8.4	138.3	117	-245.1
36290	-8.9	140.7	115	-246.7
36300	-9.8	143.2	112	-248.3
36310	-9.1	145.7	110	-249.9
36320	-7.1	148.2	107	-251.3
36330	-6.0	150.7	105	-252.6
36340	-6.4	153.3	102	-252.9
36350	-6.5	155.8	100	-254.2
36360	-6.4	158.3	97	-255.0
36370	-6.8	160.9	95	-255.8
36380	-7.7	163.5	92	-256.3
36390	-7.6	166.0	89	-257.9
36400	-6.8	168.6	87	-258.7
36410	-6.0	171.2	84	-259.5
36420	-5.2	173.8	82	-260.0
36430	-5.2	176.4	79	-260.3
36440	-5.6	179.0	76	-260.6
36450	-5.7	181.6	74	-260.8
36460	-5.6	184.2	71	-261.4
36470	-5.3	186.9	69	-261.9
36480	-4.2	189.5	66	-262.2
36490	-2.7	192.1	63	-262.4
36500	-2.4	194.7	61	-261.9
36510	-2.6	197.3	58	-261.4
36520	-2.7	200.0	55	-261.4
36530	-2.8	202.6	53	-260.3
36540	-3.0	205.2	50	-259.8
36550	-3.3	207.8	48	-259.5
36560	-2.6	210.4	45	-259.5
36570	-2.3	213.0	42	-259.0
36580	-2.3	215.5	40	-258.5
36590	-2.2	218.1	37	-257.9
36600	-2.2	220.7	35	-257.4
36610	-1.4	223.3	32	-256.6
36620	5.4	225.8	30	-255.0
36630	12.5	228.3	27	-251.3
36640	14.8	230.8	25	-246.2
36650	12.1	233.2	22	-240.6
36660	7.7	235.6	20	-236.4

36670	5.0	238.0	17	-233.4
36680	6.4	240.3	15	-230.5
36690	11.4	242.6	13	-226.8
36700	16.8	244.8	11	-222.0
36710	21.3	247.0	8	-215.6
36720	23.2	249.1	6	-208.1
36730	23.2	251.1	4	-200.1
36740	24.0	253.0	2	-192.4
36750	25.6	254.8	1	-165.5
36760	21.8	256.5	-1	-145.6
36770	11.3	257.9	-2	-139.2
36780	1.8	259.2	-4	-107.5
36790	0.0	260.3	-5	-103.0
36800	5.2	261.2	-6	-95.8
36810	15.1	261.9	-6	-72.6
36820	27.5	262.6	-7	-65.7
36830	36.2	263.1	-8	-48.9
36840	39.7	263.5	-8	-42.0
36850	37.8	263.8	-8	-26.8
36860	32.8	264.0	-9	-16.5
36870	29.3	264.1	-9	-6.9
36880	29.4	264.1	-9	0.7
36890	34.8	264.1	-9	3.4
36900	38.2	264.0	-9	14.6
36910	37.7	263.8	-8	25.5
36920	33.6	263.5	-8	33.8
36930	28.9	263.1	-8	38.6
36940	26.7	262.5	-7	55.9
36950	27.5	262.0	-7	58.0
36960	30.9	261.4	-6	59.3
36970	33.1	260.6	-5	67.0
36980	32.3	259.8	-4	91.5
36990	28.9	258.9	-3	91.8
37000	24.8	258.0	-3	89.4
37010	22.5	256.9	-1	116.6
37020	23.2	255.8	0	123.2
37030	25.4	254.6	1	129.9
37040	26.3	253.4	2	124.8
37050	24.8	252.1	3	132.0
37060	21.7	250.7	5	138.9
37070	18.7	249.3	6	144.8
37080	16.8	247.8	8	149.6
37090	16.8	246.2	9	153.8
37100	18.3	244.7	11	158.4
37110	19.5	243.0	12	162.9
37120	19.0	241.4	14	168.2
37130	16.7	239.7	16	172.7
37140	13.4	237.9	18	176.7
37150	11.4	236.1	19	179.7
37160	10.8	234.3	21	182.3
37170	12.1	232.5	23	184.7
37180	13.4	230.6	25	187.6
37190	13.3	228.7	27	190.6
37200	11.4	226.8	29	193.5

37210	8.8	224.8	31	195.9
37220	6.4	222.8	33	197.5
37230	4.7	220.9	35	198.3
37240	5.3	218.9	37	198.6
37250	6.5	216.9	39	199.1
37260	7.7	214.9	41	200.4
37270	8.1	212.9	43	201.5
37280	6.6	210.8	45	202.8
37290	5.3	208.8	47	203.9
37300	4.1	206.8	49	204.4
37310	3.9	204.7	51	204.7
37320	3.8	202.7	53	204.9
37330	3.3	200.6	55	204.9
37340	2.2	198.6	57	204.9
37350	1.8	196.5	59	204.7
37360	1.9	194.5	61	204.4
37370	2.4	192.4	63	203.6
37380	3.0	190.4	65	203.3
37390	3.5	188.4	67	203.1
37400	4.2	186.3	69	203.6
37410	3.9	184.3	71	203.9
37420	3.5	182.3	73	203.6
37430	2.6	180.2	75	204.1
37440	3.0	178.2	77	203.9
37450	4.7	176.1	79	203.6
37460	6.2	174.1	81	204.4
37470	6.5	172.0	83	205.2
37480	5.3	170.0	85	206.5
37490	4.3	167.9	88	206.8
37500	3.7	165.8	90	207.3
37510	3.8	163.8	92	207.3
37520	4.9	161.7	94	207.9
37530	6.4	159.6	96	208.4
37540	6.8	157.5	98	209.5
37550	6.8	155.4	100	210.3
37560	6.1	153.3	102	211.1
37570	6.1	151.2	104	211.6
37580	6.1	149.1	106	212.4
37590	6.9	146.9	109	213.5
37600	6.9	144.8	111	214.3
37610	6.8	142.6	113	215.3
37620	5.8	140.5	115	215.9
37630	4.6	138.3	117	216.9
37640	3.5	136.1	119	217.5
37650	3.7	134.0	121	217.5
37660	4.1	131.8	124	217.7
37670	3.8	129.6	126	217.7
37680	3.1	127.4	128	218.0
37690	2.0	125.3	130	217.5
37700	1.8	123.1	132	217.5
37710	1.6	120.9	135	216.7
37720	1.8	118.7	137	216.1
37730	1.8	116.6	139	215.9
37740	1.6	114.4	141	215.3

37750	1.1	112.3	143	214.5
37760	-3.1	110.1	145	213.5
37770	-6.9	108.0	147	211.1
37780	-6.9	105.9	150	208.4
37790	-4.7	103.9	152	205.5
37800	-3.0	101.8	154	203.1
37810	-3.3	99.8	156	201.2
37820	-5.8	97.8	158	199.1
37830	-9.5	95.8	160	195.6
37840	-13.2	93.9	162	191.6
37850	-14.6	92.0	163	186.6
37860	-13.8	90.2	165	181.5
37870	-12.5	88.4	167	176.2
37880	-12.6	86.7	169	171.7
37890	-15.3	85.0	170	166.3
37900	-15.1	83.5	172	167.7
37910	-7.9	82.2	173	132.8
37920	0.0	80.9	175	126.9
37930	0.9	79.9	176	100.6
37940	-2.7	79.0	176	86.5
37950	-11.0	78.2	177	74.0
37960	-19.0	77.6	178	55.9
37970	-23.6	77.0	178	52.7
37980	-23.9	76.6	179	48.4
37990	-21.8	76.2	179	38.0
38000	-19.7	75.8	180	29.0
38010	-19.5	75.5	180	29.2
38020	-22.0	75.3	180	20.7
38030	-25.1	75.2	180	15.4
38040	-26.8	75.1	180	6.9
38050	-27.4	75.1	180	-0.5
38060	-29.7	75.1	180	-3.9
38070	-31.7	75.2	180	-11.7
38080	-34.2	75.4	180	-19.4
38090	-36.1	75.7	180	-27.9
38100	-37.2	76.1	179	-36.7
38110	-37.4	76.6	179	-56.4
38120	-36.7	77.2	178	-68.1
38130	-34.7	77.9	178	-79.3
38140	-33.0	78.6	177	-80.9
38150	-31.9	79.5	176	-80.9
38160	-31.7	80.5	175	-108.6
38170	-32.4	81.6	174	-116.0
38180	-33.0	82.7	173	-127.7
38190	-33.1	83.9	172	-137.1
38200	-32.3	85.2	170	-146.9
38210	-31.1	86.6	169	-141.8
38220	-29.8	88.1	167	-150.9
38230	-29.0	89.7	166	-158.4
38240	-27.5	91.3	164	-166.6
38250	-26.7	93.1	162	-174.1
38260	-26.0	94.9	161	-181.0
38270	-26.3	96.7	159	-187.9
38280	-26.3	98.6	157	-195.1

38290	-25.0	100.6	155	-201.5
38300	-23.1	102.7	153	-207.9
38310	-20.7	104.8	151	-213.7
38320	-19.8	107.0	148	-218.5
38330	-18.7	109.2	146	-223.0
38340	-16.7	111.5	144	-227.3
38350	-14.6	113.8	142	-231.3
38360	-13.2	116.1	139	-234.5
38370	-11.9	118.5	137	-237.2
38380	-10.8	120.9	135	-239.3
38390	-10.8	123.3	132	-241.4
38400	-12.2	125.7	130	-243.0
38410	-12.5	128.2	127	-245.4
38420	-10.6	130.6	125	-247.8
38430	-8.0	133.1	122	-249.4
38440	-5.8	135.6	120	-250.7
38450	-4.1	138.1	117	-251.0
38460	-3.7	140.7	115	-251.5
38470	-5.0	143.2	112	-251.5
38480	-6.9	145.7	110	-251.5
38490	-6.9	148.2	107	-252.6
38500	-6.1	150.7	105	-253.7
38510	-4.9	153.3	102	-253.9
38520	-3.0	155.8	100	-254.5
38530	-2.4	158.4	97	-253.9
38540	-2.7	160.9	95	-253.9
38550	-2.7	163.4	92	-253.1
38560	-3.1	166.0	89	-252.9
38570	-3.7	168.5	87	-252.6
38580	-4.2	171.0	84	-252.6
38590	-3.8	173.6	82	-252.3
38600	-2.7	176.1	79	-252.1
38610	-2.2	178.6	77	-251.8
38620	-2.0	181.1	74	-251.3
38630	-2.2	183.6	72	-250.5
38640	-2.2	186.1	69	-250.2
38650	-2.0	188.6	67	-249.4
38660	-1.1	191.1	64	-248.9
38670	3.3	193.6	62	-247.5
38680	4.7	196.1	59	-245.1
38690	2.6	198.5	57	-242.5
38700	-0.8	200.9	55	-241.1
38710	-2.7	203.3	52	-240.6
38720	-2.4	205.7	50	-240.1
38730	-2.3	208.1	47	-239.8
38740	-1.5	210.5	45	-239.0
38750	0.8	212.9	43	-238.0
38760	2.8	215.3	40	-236.6
38770	3.9	217.6	38	-234.5
38780	2.7	219.9	36	-232.1
38790	1.8	222.2	33	-230.2
38800	0.9	224.5	31	-228.9
38810	2.4	226.8	29	-227.3
38820	5.8	229.1	26	-224.9

38830	8.1	231.3	24	-221.7
38840	8.1	233.5	22	-218.5
38850	6.6	235.7	20	-215.3
38860	5.4	237.8	18	-212.1
38870	5.6	239.9	16	-209.5
38880	7.2	242.0	13	-206.8
38890	9.9	244.0	11	-203.1
38900	12.3	246.0	9	-199.1
38910	14.0	248.0	7	-194.0
38920	14.2	249.9	6	-188.7
38930	13.8	251.7	4	-183.6
38940	14.9	253.5	2	-178.9
38950	16.5	255.2	0	-155.7
38960	10.7	256.8	-1	-149.6
38970	-0.9	258.1	-3	-130.7
38980	-1.9	259.3	-4	-112.8
38990	-1.4	260.3	-5	-88.3
39000	-0.8	261.2	-6	-91.3
39010	-0.5	261.9	-6	-71.0
39020	0.3	262.5	-7	-54.8
39030	14.1	263.1	-8	-55.3
39040	29.7	263.5	-8	-40.9
39050	37.7	263.8	-8	-27.6
39060	36.3	264.1	-9	-19.9
39070	27.7	264.2	-9	-11.9
39080	20.3	264.2	-9	-4.2
39090	18.6	264.2	-9	0.7
39100	25.4	264.2	-9	2.3
39110	33.0	264.2	-9	10.1
39120	36.2	264.0	-9	19.4
39130	33.6	263.8	-8	27.4
39140	27.5	263.4	-8	33.0
39150	22.8	263.0	-8	48.4
39160	22.6	262.5	-7	50.0
39170	26.4	262.0	-7	51.1
39180	31.3	261.3	-6	70.2
39190	32.4	260.6	-5	72.4
39200	29.4	259.9	-4	72.6
39210	24.1	258.9	-3	97.4
39220	20.2	258.1	-3	95.0
39230	19.1	257.1	-2	90.2
39240	21.7	256.0	-1	95.0
39250	25.1	254.9	1	100.0
39260	26.6	253.7	2	117.9
39270	24.5	252.5	3	125.3
39280	19.8	251.2	4	132.0
39290	16.1	249.8	6	136.8
39300	14.5	248.4	7	140.8
39310	14.9	247.0	8	144.5
39320	16.8	245.5	10	148.5
39330	17.6	244.0	11	152.8
39340	15.6	242.4	13	157.0
39350	12.5	240.8	15	160.7
39360	8.9	239.2	16	163.4

39370	7.3	237.6	18	165.3
39380	7.7	235.9	20	166.9
39390	9.2	234.2	21	168.5
39400	10.7	232.5	23	170.9
39410	0.0	230.8	25	172.7
39420	0.4	229.1	26	172.5
39430	-7.2	227.3	28	171.1
39440	-8.7	225.6	30	167.7
39450	0.7	224.0	31	165.0
39460	2.4	222.3	33	165.0
39470	10.8	220.7	35	165.0
39480	25.1	219.0	36	167.9
39490	24.7	217.3	38	174.1
39500	11.0	215.5	40	179.7
39510	0.7	213.7	42	181.5
39520	1.2	211.9	44	181.2
39530	0.1	210.1	45	180.7
39540	-0.8	208.3	47	179.7
39550	1.2	206.5	49	178.3
39560	2.2	204.7	51	178.1
39570	1.9	202.9	53	178.1
39580	2.0	201.1	54	177.8
39590	4.1	199.4	56	177.5
39600	8.9	197.6	58	178.1
39610	10.3	195.8	60	180.2
39620	6.4	194.0	61	181.8
39630	1.8	192.2	63	182.8
39640	1.6	190.3	65	182.3
39650	1.8	188.5	67	182.0
39660	2.2	186.7	69	181.8
39670	3.9	184.9	71	181.8
39680	7.2	183.1	72	181.8
39690	8.3	181.2	74	183.4
39700	6.1	179.4	76	184.7
39710	3.9	177.5	78	185.5
39720	3.1	175.7	80	185.8
39730	3.9	173.8	82	185.8
39740	5.4	172.0	83	186.0
39750	6.2	170.1	85	187.1
39760	6.6	168.2	87	187.9
39770	6.0	166.3	89	189.0
39780	5.3	164.4	91	190.0
39790	4.9	162.5	93	190.8
39800	5.7	160.6	95	191.6
39810	6.4	158.7	97	192.4
39820	6.2	156.7	99	193.5
39830	6.0	154.8	101	194.6
39840	5.4	152.8	103	195.6
39850	5.2	150.9	105	196.2
39860	5.0	148.9	107	197.0
39870	5.4	146.9	109	197.5
39880	5.4	145.0	110	198.0
39890	5.4	143.0	112	198.8
39900	5.3	141.0	114	199.1

39910	4.6	139.0	116	199.9
39920	4.1	137.0	118	200.4
39930	3.8	135.0	120	200.7
39940	4.1	133.0	122	200.9
39950	3.8	131.0	124	201.2
39960	3.4	128.9	127	200.9
39970	2.7	126.9	129	201.2
39980	2.0	124.9	131	200.9
39990	1.8	122.9	133	200.7
40000	1.8	120.9	135	200.1
40010	1.8	118.9	137	199.6
40020	1.6	116.9	139	199.4
40030	1.6	114.9	141	199.1
40040	1.5	112.9	143	198.6
40050	0.5	111.0	144	198.0
40060	-4.3	109.0	146	196.4
40070	-7.3	107.0	148	194.0
40080	-6.4	105.1	150	190.8
40090	-2.6	103.2	152	188.7
40100	-0.3	101.4	154	187.1
40110	0.0	99.5	156	186.3
40120	-2.3	97.6	158	185.2
40130	-6.4	95.8	160	182.8
40140	-9.5	94.0	161	179.9
40150	-10.7	92.2	163	176.2
40160	-9.8	90.5	165	172.2
40170	-8.7	88.8	167	168.2
40180	-9.4	87.1	168	164.7
40190	-12.1	85.5	170	161.3
40200	-13.3	84.0	171	167.7
40210	-6.2	82.7	173	133.6
40220	2.0	81.4	174	128.8
40230	1.4	80.4	175	102.7
40240	1.5	79.5	176	89.1
40250	1.1	78.6	177	69.4
40260	-0.1	78.0	177	67.6
40270	-0.1	77.3	178	64.1
40280	-2.7	76.8	179	50.5
40290	-16.1	76.4	179	42.5
40300	-26.7	76.0	179	37.5
40310	-28.7	75.7	180	25.8
40320	-22.5	75.5	180	19.9
40330	-16.4	75.4	180	12.5
40340	-14.5	75.3	180	7.4
40350	-20.5	75.2	180	3.7
40360	-30.5	75.3	180	-1.5
40370	-37.8	75.3	180	-7.9
40380	-39.7	75.5	180	-15.9
40390	-36.9	75.7	180	-25.5
40400	-32.4	76.1	179	-34.6
40410	-31.1	76.5	179	-43.6
40420	-34.2	77.1	178	-51.1
40430	-38.9	77.7	178	-72.6
40440	-40.7	78.4	177	-76.4

40450	-37.8	79.3	176	-78.5
40460	-31.5	80.2	175	-97.1
40470	-25.8	81.3	174	-115.8
40480	-25.2	82.4	173	-121.9
40490	-28.7	83.6	172	-130.7
40500	-32.8	84.8	171	-139.5
40510	-33.4	86.2	169	-135.7
40520	-30.2	87.6	168	-144.8
40530	-25.1	89.1	166	-152.8
40540	-22.4	90.7	165	-159.7
40550	-22.2	92.3	163	-165.3
40560	-24.0	94.0	161	-171.4
40570	-25.9	95.8	160	-177.5
40580	-25.0	97.6	158	-184.2
40590	-21.4	99.5	156	-190.6
40600	-17.4	101.4	154	-196.2
40610	-15.1	103.4	152	-199.9
40620	-16.3	105.5	150	-203.3
40630	-19.1	107.5	148	-207.6
40640	-19.5	109.6	146	-212.1
40650	-16.5	111.8	144	-216.7
40660	-12.7	114.0	141	-220.4
40670	-10.3	116.2	139	-223.3
40680	-9.6	118.5	137	-224.9
40690	-10.6	120.7	135	-226.8
40700	-12.2	123.0	132	-228.6
40710	-14.0	125.3	130	-231.0
40720	-13.4	127.6	128	-233.7
40730	-10.3	130.0	125	-236.6
40740	-7.6	132.4	123	-238.5
40750	-7.1	134.8	121	-239.6
40760	-7.5	137.2	118	-240.6
40770	-8.0	139.6	116	-241.9
40780	-8.8	142.0	113	-243.3
40790	-10.3	144.5	111	-244.9
40800	-9.6	146.9	109	-246.7
40810	-8.0	149.4	106	-248.1
40820	-7.7	151.9	104	-249.4
40830	-7.5	154.4	101	-250.2
40840	-7.1	156.9	99	-251.0
40850	-6.5	159.4	96	-251.5
40860	-8.0	162.0	93	-252.6
40870	-9.5	164.5	91	-253.7
40880	-8.9	167.0	88	-254.7
40890	-7.5	169.6	86	-256.1
40900	-6.4	172.2	83	-256.9
40910	-5.6	174.7	81	-257.1
40920	-5.7	177.3	78	-257.9
40930	-6.2	179.9	76	-258.5
40940	-6.6	182.5	73	-259.0
40950	-6.2	185.1	70	-259.8
40960	-6.0	187.7	68	-259.8
40970	-4.5	190.3	65	-260.0
40980	-2.8	192.9	63	-260.3

40990	-2.6	195.5	60	-260.0
41000	-2.7	198.1	57	-259.5
41010	-2.8	200.7	55	-259.3
41020	-3.1	203.3	52	-258.7
41030	-3.7	205.8	50	-258.2
41040	-3.3	208.4	47	-258.2
41050	-2.2	211.0	44	-257.9
41060	-2.2	213.6	42	-257.4
41070	-2.2	216.1	39	-256.9
41080	-2.2	218.7	37	-256.1
41090	-1.1	221.3	34	-255.5
41100	5.4	223.8	32	-253.7
41110	11.3	226.3	29	-249.9
41120	12.7	228.8	27	-245.4
41130	11.5	231.2	24	-240.1
41140	8.9	233.6	22	-235.8
41150	7.1	235.9	20	-232.4
41160	7.2	238.2	17	-229.2
41170	9.5	240.5	15	-225.7
41180	12.9	242.7	13	-221.4
41190	16.4	244.9	11	-215.9
41200	19.1	247.0	8	-209.7
41210	21.0	249.0	6	-202.8
41220	22.0	251.0	4	-195.9
41230	23.7	252.9	3	-188.2
41240	26.0	254.6	1	-161.8
41250	22.2	256.3	-1	-143.4
41260	9.6	257.7	-2	-137.6
41270	0.4	259.0	-4	-107.2
41280	-1.6	260.0	-5	-103.2
41290	0.1	261.0	-6	-96.6
41300	7.7	261.7	-6	-74.8
41310	19.9	262.4	-7	-55.3
41320	30.1	262.9	-7	-50.8
41330	35.4	263.4	-8	-37.0
41340	34.8	263.7	-8	-33.8
41350	30.9	263.9	-8	-21.2
41360	26.6	264.1	-9	-13.0
41370	24.8	264.2	-9	-5.3
41380	27.0	264.2	-9	1.0
41390	33.0	264.1	-9	3.9
41400	35.9	264.0	-9	13.8
41410	34.7	263.8	-8	22.0
41420	30.9	263.6	-8	28.4
41430	27.1	263.2	-8	44.1
41440	26.0	262.7	-7	47.3
41450	27.7	262.2	-7	49.2
41460	30.2	261.6	-6	68.6
41470	31.2	260.9	-5	70.5
41480	30.1	260.1	-5	71.0
41490	27.7	259.2	-4	95.5
41500	25.5	258.4	-3	93.9
41510	24.4	257.4	-2	90.7
41520	25.2	256.3	-1	96.6

41530	26.6	255.2	0	103.0
41540	27.0	253.9	2	121.3
41550	25.2	252.7	3	128.5
41560	22.1	251.3	4	135.5
41570	19.1	249.9	6	141.0
41580	17.8	248.5	7	146.4
41590	18.2	247.0	8	150.9
41600	20.2	245.5	10	155.4
41610	20.9	243.9	12	160.7
41620	19.9	242.2	13	166.1
41630	17.4	240.5	15	171.1
41640	14.1	238.8	17	175.1
41650	11.8	237.0	18	178.3
41660	11.4	235.2	20	181.0
41670	11.8	233.4	22	183.6
41680	12.5	231.5	24	186.6
41690	11.8	229.6	26	189.2
41700	10.4	227.7	28	191.6
41710	6.2	225.8	30	193.8
41720	5.7	223.8	32	194.8
41730	7.1	221.9	34	195.6
41740	9.1	219.9	36	197.0
41750	9.8	217.9	38	198.8
41760	7.7	215.9	40	200.4
41770	3.9	213.9	42	201.7
41780	1.4	211.9	44	201.7
41790	1.6	209.9	46	201.5
41800	1.6	207.9	48	200.9
41810	1.8	205.8	50	200.4
41820	1.8	203.8	52	200.1
41830	1.8	201.8	54	199.6
41840	1.8	199.9	56	199.4
41850	1.8	197.9	58	198.8
41860	1.8	195.9	60	198.3
41870	1.8	193.9	62	197.8
41880	1.8	191.9	64	197.5
41890	1.8	189.9	66	197.5
41900	2.0	188.0	67	197.0
41910	3.0	186.0	69	196.4
41920	5.2	184.0	71	196.4
41930	6.2	182.1	73	197.2
41940	4.5	180.1	75	198.0
41950	2.7	178.1	77	198.3
41960	2.4	176.1	79	198.3
41970	3.0	174.1	81	198.0
41980	3.9	172.2	83	198.0
41990	4.5	170.2	85	198.3
42000	5.4	168.2	87	199.1
42010	5.0	166.2	89	199.9
42020	4.3	164.2	91	200.7
42030	3.5	162.2	93	200.9
42040	4.1	160.2	95	200.9
42050	4.7	158.2	97	201.5
42060	5.3	156.1	99	202.0

42070	5.3	154.1	101	202.3
42080	5.0	152.1	103	202.8
42090	4.7	150.1	105	203.6
42100	4.2	148.0	107	203.9
42110	3.8	146.0	109	204.4
42120	3.8	143.9	112	204.4
42130	4.3	141.9	114	204.4
42140	4.7	139.8	116	204.9
42150	4.3	137.8	118	205.5
42160	3.3	135.7	120	205.7
42170	2.7	133.7	122	205.5
42180	2.3	131.6	124	205.5
42190	2.2	129.6	126	205.2
42200	2.0	127.5	128	204.7
42210	1.9	125.5	130	204.4
42220	1.9	123.4	132	203.9
42230	1.8	121.4	134	203.3
42240	1.8	119.4	136	203.1
42250	1.8	117.3	138	202.5
42260	1.6	115.3	140	202.0
42270	1.5	113.3	142	202.0
42280	0.9	111.3	144	201.2
42290	-3.4	109.3	146	199.9
42300	-7.9	107.3	148	197.8
42310	-8.3	105.3	150	194.6
42320	-5.6	103.4	152	191.4
42330	-1.9	101.5	154	189.0
42340	-0.5	99.6	156	187.9
42350	-2.6	97.8	158	186.6
42360	-6.1	95.9	160	184.4
42370	-10.0	94.1	161	181.0
42380	-11.5	92.3	163	177.3
42390	-10.3	90.6	165	172.7
42400	-8.8	88.9	167	169.0
42410	-9.4	87.2	168	165.5
42420	-12.5	85.6	170	161.8
42430	-14.6	84.0	171	168.7
42440	-9.1	82.7	173	134.7
42450	-0.5	81.4	174	129.6
42460	1.4	80.4	175	103.8
42470	0.5	79.5	176	90.2
42480	-1.8	78.6	177	85.7
42490	-9.6	78.0	177	67.0
42500	-17.4	77.4	178	56.9
42510	-22.1	76.9	179	48.4
42520	-23.1	76.4	179	45.5
42530	-21.6	76.1	179	34.8
42540	-20.3	75.8	180	25.8
42550	-21.6	75.5	180	23.1
42560	-25.1	75.3	180	14.9
42570	-28.9	75.2	180	9.0
42580	-30.9	75.2	180	0.5
42590	-33.6	75.2	180	-3.1
42600	-35.3	75.3	180	-13.8

42610	-35.8	75.5	180	-24.2
42620	-36.2	75.8	180	-34.8
42630	-37.4	76.2	179	-41.7
42640	-38.9	76.7	179	-47.1
42650	-39.3	77.3	178	-69.7
42660	-37.8	78.0	177	-73.4
42670	-35.3	78.8	177	-75.0
42680	-32.4	79.7	176	-84.1
42690	-30.9	80.8	175	-112.0
42700	-30.9	81.8	174	-109.9
42710	-32.0	82.9	173	-106.7
42720	-32.5	84.2	171	-113.9
42730	-31.6	85.6	170	-135.7
42740	-29.8	87.0	168	-144.2
42750	-28.3	88.5	167	-152.5
42760	-27.3	90.1	165	-160.0
42770	-26.0	91.8	164	-167.4
42780	-25.4	93.5	162	-174.3
42790	-24.4	95.3	160	-180.7
42800	-24.1	97.1	158	-187.4
42810	-23.2	99.1	156	-193.8
42820	-21.8	101.0	154	-199.4
42830	-20.2	103.1	152	-204.9
42840	-19.1	105.2	150	-210.0
42850	-19.1	107.3	148	-214.8
42860	-18.4	109.5	146	-219.1
42870	-16.5	111.7	144	-223.3
42880	-14.8	114.0	141	-226.8
42890	-13.7	116.2	139	-230.2
42900	-12.5	118.6	137	-233.2
42910	-11.7	120.9	135	-235.6
42920	-11.5	123.3	132	-237.7
42930	-12.3	125.7	130	-240.1
42940	-12.3	128.1	127	-241.9
42950	-10.3	130.5	125	-244.3
42960	-8.0	133.0	122	-246.2
42970	-6.1	135.5	120	-247.3
42980	-4.6	137.9	118	-247.8
42990	-4.3	140.4	115	-248.1
43000	-6.1	142.9	113	-248.3
43010	-7.9	145.4	110	-249.4
43020	-7.7	147.9	108	-250.7
43030	-7.3	150.4	105	-251.8
43040	-6.1	153.0	102	-253.1
43050	-4.9	155.5	100	-253.7
43060	-3.1	158.0	97	-253.7
43070	-3.4	160.6	95	-253.7
43080	-4.6	163.1	92	-253.7
43090	-5.8	165.6	90	-253.9
43100	-6.1	168.2	87	-253.9
43110	-5.6	170.7	85	-254.7
43120	-3.5	173.3	82	-254.7
43130	-2.4	175.8	80	-254.7
43140	-2.3	178.4	77	-254.5

43150	-2.3	180.9	75	-253.7
43160	-2.3	183.4	72	-253.1
43170	-2.3	186.0	69	-252.9
43180	-2.4	188.5	67	-252.3
43190	-2.3	191.0	64	-251.8
43200	-2.4	193.5	62	-251.3
43210	-2.3	196.0	59	-250.5
43220	-2.3	198.5	57	-250.2
43230	-2.2	201.0	54	-249.7
43240	-2.0	203.5	52	-249.4
43250	-0.5	206.0	49	-248.3
43260	4.1	208.5	47	-246.7
43270	6.6	210.9	45	-244.1
43280	4.9	213.4	42	-240.6
43290	0.9	215.7	40	-238.8
43300	-1.6	218.1	37	-237.4
43310	-1.8	220.5	35	-236.6
43320	0.0	222.9	33	-235.8
43330	2.6	225.2	30	-234.8
43340	5.6	227.5	28	-232.6
43350	6.9	229.8	26	-229.7
43360	6.5	232.1	23	-226.8
43370	5.6	234.4	21	-223.8
43380	5.3	236.6	19	-220.9
43390	6.6	238.8	17	-218.3
43400	11.3	240.9	15	-214.8
43410	16.3	243.0	12	-209.7
43420	18.4	245.1	10	-203.6
43430	17.0	247.1	8	-197.2
43440	13.8	249.0	6	-191.4
43450	11.7	250.9	5	-187.1
43460	13.6	252.7	3	-182.3
43470	18.2	254.5	1	-177.0
43480	19.8	256.2	-1	-177.8
43490	13.0	257.5	-2	-123.7
43500	4.2	258.8	-3	-119.8
43510	0.1	259.9	-4	-113.6
43520	2.8	260.8	-5	-88.9
43530	12.6	261.6	-6	-82.2
43540	22.8	262.2	-7	-62.2
43550	29.3	262.8	-7	-56.9
43560	31.5	263.2	-8	-42.8
43570	28.2	263.6	-8	-37.5
43580	23.6	263.9	-8	-26.3
43590	20.9	264.1	-9	-19.9
43600	21.7	264.2	-9	-12.5
43610	25.4	264.3	-9	-7.9
43620	28.9	264.3	-9	0.7
43630	33.2	264.3	-9	3.4
43640	33.0	264.2	-9	13.8
43650	29.0	264.0	-9	23.4
43660	25.0	263.8	-8	29.2
43670	22.6	263.4	-8	32.4
43680	23.2	263.0	-8	42.3

43690	25.5	262.5	-7	53.7

ISOK_EXERC_FLEX_EXT_180_R_SIDE
01/08
Set #3

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	29.6	221.6	34	50.3
10	34.8	221.1	34	59.1
20	24.3	220.4	35	70.5
30	0.8	219.6	36	77.7
40	-0.3	218.8	37	79.3
50	-1.6	218.1	37	78.0
60	-0.8	217.3	38	76.9
70	1.9	216.5	39	76.9
80	2.2	215.8	40	76.9
90	14.9	215.0	40	78.2
100	24.3	214.2	41	82.2
110	19.5	213.3	42	88.6
120	6.0	212.4	43	93.4
130	0.3	211.4	44	94.2
140	1.4	210.5	45	94.2
150	1.2	209.5	46	94.2
160	2.6	208.6	47	93.9
170	11.0	207.7	48	95.0
180	16.8	206.7	49	97.7
190	15.7	205.7	50	101.9
200	7.9	204.6	51	105.9
210	1.2	203.6	52	107.5
220	1.1	202.5	53	107.8
230	4.2	201.4	54	107.5
240	10.7	200.3	55	108.3
250	14.5	199.2	56	111.0
260	13.8	198.1	57	114.4
270	8.8	196.9	59	117.9
280	4.1	195.7	60	119.8
290	2.7	194.5	61	120.3
300	5.8	193.3	62	120.8
310	10.3	192.1	63	122.1
320	12.7	190.8	65	124.8
330	11.5	189.6	66	127.7
340	8.3	188.3	67	130.4
350	5.6	187.0	68	132.3
360	5.3	185.6	70	133.3
370	7.9	184.3	71	134.4
380	11.0	182.9	73	136.3
390	11.9	181.5	74	138.7
400	10.6	180.1	75	141.6
410	9.5	178.7	77	144.0
420	8.8	177.2	78	146.1
430	10.2	175.8	80	148.0
440	11.9	174.3	81	150.4
450	12.9	172.7	83	153.0
460	12.3	171.2	84	156.2
470	11.5	169.6	86	158.9
480	11.0	168.0	87	161.3

490	11.1	166.4	89	163.9
500	12.3	164.7	91	166.6
510	13.6	163.0	92	169.3
520	14.0	161.3	94	172.7
530	13.3	159.5	96	176.2
540	11.9	157.8	98	178.9
550	12.1	156.0	99	179.1
560	14.9	154.2	101	179.4
570	18.0	152.4	103	179.7
580	20.2	150.6	105	179.9
590	19.9	148.8	107	179.9
600	18.3	147.0	108	179.9
610	16.5	145.2	110	179.7
620	16.3	143.4	112	179.4
630	17.6	141.6	114	179.4
640	19.3	139.8	116	179.9
650	19.8	138.0	117	179.9
660	19.0	136.2	119	179.9
670	17.5	134.4	121	179.7
680	16.4	132.6	123	179.4
690	15.2	130.8	125	179.4
700	15.1	129.0	126	179.7
710	15.2	127.2	128	179.4
720	15.2	125.4	130	179.7
730	15.1	123.6	132	179.7
740	14.4	121.8	134	179.7
750	12.6	120.0	135	179.4
760	11.8	118.2	137	179.7
770	11.3	116.4	139	179.4
780	11.1	114.6	141	179.4
790	10.6	112.9	143	179.4
800	9.9	111.1	144	179.4
810	8.7	109.3	146	179.1
820	7.5	107.5	148	179.1
830	6.5	105.7	150	179.4
840	5.2	103.9	152	179.1
850	3.8	102.1	153	179.4
860	2.6	100.3	155	179.4
870	1.9	98.5	157	179.1
880	1.6	96.7	159	179.1
890	1.6	94.9	161	178.9
900	1.5	93.1	162	178.3
910	1.4	91.4	164	178.1
920	0.7	89.6	166	177.3
930	-2.7	87.8	168	175.1
940	-7.2	86.1	169	172.7
950	-9.1	84.4	171	169.5
960	-6.9	82.7	173	166.1
970	-4.5	81.1	174	163.1
980	-4.9	79.5	176	159.7
990	1.9	78.1	177	132.0
1000	4.2	77.1	178	102.4
1010	20.9	76.2	179	71.6
1020	26.0	75.5	180	63.0

1030	18.3	75.0	180	52.9
1040	-0.4	74.6	181	35.9
1050	-2.2	74.3	181	27.1
1060	-13.6	74.1	181	19.1
1070	-21.7	74.0	181	10.6
1080	-24.0	73.9	182	4.7
1090	-17.8	73.9	182	-1.3
1100	-14.6	73.9	182	-5.3
1110	-15.2	74.0	181	-9.8
1120	-21.0	74.2	181	-15.1
1130	-26.0	74.3	181	-21.0
1140	-27.0	74.6	181	-28.7
1150	-24.0	74.9	181	-36.4
1160	-20.3	75.3	180	-43.1
1170	-20.6	75.7	180	-48.9
1180	-25.5	76.2	179	-50.3
1190	-33.1	76.7	179	-51.6
1200	-38.1	77.4	178	-73.4
1210	-37.4	78.1	177	-84.6
1220	-31.9	79.0	176	-95.5
1230	-25.5	79.9	176	-105.1
1240	-22.2	80.9	175	-102.2
1250	-23.1	82.0	173	-108.6
1260	-25.6	83.1	172	-115.5
1270	-27.7	84.4	171	-122.1
1280	-27.1	85.6	170	-130.1
1290	-25.8	87.0	168	-137.3
1300	-25.0	88.4	167	-144.8
1310	-25.8	89.9	166	-151.2
1320	-27.3	91.5	164	-158.4
1330	-27.8	93.1	162	-165.8
1340	-25.9	94.8	161	-173.3
1350	-25.0	96.6	159	-175.7
1360	-26.6	98.4	157	-175.7
1370	-29.2	100.1	155	-175.9
1380	-30.6	101.9	154	-176.2
1390	-30.2	103.6	152	-176.2
1400	-29.4	105.4	150	-175.9
1410	-28.7	107.2	148	-176.2
1420	-27.4	108.9	147	-175.9
1430	-25.4	110.7	145	-175.7
1440	-23.2	112.4	143	-175.7
1450	-21.2	114.2	141	-175.1
1460	-19.7	115.9	140	-174.9
1470	-19.0	117.7	138	-174.9
1480	-18.6	119.4	136	-174.9
1490	-18.8	121.2	134	-175.1
1500	-19.7	122.9	133	-175.4
1510	-20.6	124.7	131	-175.1
1520	-21.4	126.4	129	-175.4
1530	-20.6	128.2	127	-175.4
1540	-19.0	130.0	125	-175.1
1550	-17.6	131.7	124	-174.9
1560	-17.6	133.5	122	-175.1

1570	-18.3	135.2	120	-174.9
1580	-18.6	137.0	118	-175.1
1590	-19.0	138.7	117	-175.1
1600	-19.0	140.5	115	-175.1
1610	-19.0	142.2	113	-175.1
1620	-19.7	144.0	111	-175.4
1630	-19.8	145.7	110	-175.1
1640	-19.4	147.5	108	-175.1
1650	-19.4	149.2	106	-175.1
1660	-20.5	151.0	104	-174.9
1670	-21.8	152.7	103	-175.4
1680	-22.8	154.5	101	-175.7
1690	-23.2	156.2	99	-175.4
1700	-23.1	158.0	97	-175.4
1710	-23.1	159.7	96	-175.4
1720	-24.3	161.5	94	-175.7
1730	-25.5	163.3	92	-175.9
1740	-26.6	165.0	90	-175.9
1750	-27.1	166.8	89	-175.7
1760	-27.5	168.5	87	-175.7
1770	-27.8	170.3	85	-175.4
1780	-27.4	172.0	83	-175.9
1790	-26.6	173.8	82	-176.2
1800	-25.9	175.6	80	-175.7
1810	-25.6	177.3	78	-175.7
1820	-25.8	179.1	76	-176.2
1830	-26.0	180.8	75	-175.9
1840	-26.0	182.6	73	-175.7
1850	-25.6	184.4	71	-175.7
1860	-25.8	186.1	69	-175.7
1870	-25.5	187.9	68	-175.7
1880	-24.3	189.6	66	-175.9
1890	-22.8	191.4	64	-175.7
1900	-21.4	193.1	62	-175.4
1910	-21.6	194.9	61	-175.4
1920	-22.4	196.7	59	-175.1
1930	-23.1	198.4	57	-175.4
1940	-22.4	200.2	55	-175.7
1950	-21.3	201.9	54	-175.4
1960	-20.2	203.7	52	-175.4
1970	-19.1	205.4	50	-175.1
1980	-17.9	207.2	48	-175.1
1990	-16.4	208.9	47	-175.1
2000	-14.9	210.7	45	-174.9
2010	-14.2	212.4	43	-174.6
2020	-14.4	214.2	41	-174.6
2030	-14.5	215.9	40	-174.6
2040	-13.7	217.7	38	-174.3
2050	-11.8	219.4	36	-174.6
2060	-9.6	221.2	34	-174.3
2070	-7.6	222.9	33	-174.1
2080	-6.4	224.6	31	-174.1
2090	-5.8	226.4	29	-174.1
2100	-3.3	228.1	27	-174.1

2110	-0.5	229.9	26	-173.5
2120	-0.8	231.6	24	-172.7
2130	7.7	233.3	22	-171.1
2140	8.7	235.0	20	-168.5
2150	3.4	236.7	19	-165.5
2160	-1.9	238.3	17	-164.7
2170	-2.2	240.0	15	-164.5
2180	-1.8	241.6	14	-164.2
2190	-1.1	243.2	12	-163.9
2200	3.0	244.9	11	-163.1
2210	10.6	246.5	9	-160.5
2220	14.8	248.1	7	-156.2
2230	15.6	249.6	6	-150.6
2240	14.4	251.1	4	-145.6
2250	12.6	252.5	3	-140.8
2260	13.0	253.8	2	-136.0
2270	14.6	255.2	0	-131.5
2280	18.2	256.4	-1	-126.1
2290	22.2	257.7	-2	-119.5
2300	22.9	258.8	-3	-112.3
2310	20.9	259.9	-4	-104.8
2320	13.7	260.8	-5	-89.4
2330	4.9	261.6	-6	-69.4
2340	2.6	262.3	-7	-73.2
2350	6.2	262.8	-7	-56.9
2360	14.6	263.3	-8	-42.5
2370	22.9	263.8	-8	-42.8
2380	26.7	264.1	-9	-31.1
2390	25.8	264.3	-9	-21.0
2400	21.8	264.5	-9	-16.5
2410	18.6	264.6	-9	-9.8
2420	18.6	264.7	-9	-6.3
2430	21.6	264.7	-9	0.0
2440	27.4	264.7	-9	1.8
2450	29.7	264.6	-9	10.3
2460	27.3	264.5	-9	18.9
2470	21.7	264.3	-9	26.8
2480	17.9	264.0	-9	30.3
2490	17.6	263.6	-8	31.9
2500	21.7	263.2	-8	36.4
2510	26.3	262.8	-7	41.7
2520	28.5	262.3	-7	48.4
2530	26.8	261.7	-6	55.3
2540	22.4	261.0	-6	61.7
2550	18.6	260.3	-5	67.3
2560	17.8	259.5	-4	79.6
2570	19.8	258.6	-3	84.6
2580	22.5	257.7	-2	90.2
2590	23.3	256.8	-1	96.3
2600	21.4	255.8	0	102.7
2610	18.2	254.7	1	108.6
2620	15.1	253.6	2	113.4
2630	13.7	252.4	3	117.4
2640	14.8	251.2	4	120.8

2650	16.4	250.0	5	124.8
2660	16.5	248.7	7	129.1
2670	15.1	247.4	8	133.3
2680	12.7	246.0	9	136.8
2690	10.7	244.6	11	140.0
2700	10.2	243.2	12	142.6
2710	10.8	241.7	14	145.0
2720	11.7	240.3	15	147.7
2730	11.3	238.8	17	150.6
2740	10.3	237.3	18	153.0
2750	8.9	235.7	20	155.2
2760	7.6	234.1	21	157.0
2770	7.1	232.6	23	158.6
2780	7.6	231.0	24	160.2
2790	7.9	229.3	26	161.8
2800	5.6	227.7	28	163.4
2810	4.3	226.1	29	164.2
2820	6.2	224.4	31	165.0
2830	9.6	222.8	33	166.3
2840	11.8	221.1	34	168.2
2850	11.5	219.4	36	170.9
2860	9.1	217.7	38	173.3
2870	5.2	215.9	40	175.1
2880	3.0	214.2	41	175.7
2890	3.0	212.4	43	175.9
2900	4.2	210.6	45	175.9
2910	6.8	208.9	47	176.7
2920	8.5	207.1	48	177.5
2930	9.1	205.3	50	179.1
2940	8.8	203.5	52	179.1
2950	8.4	201.7	54	179.4
2960	7.7	199.9	56	179.4
2970	6.8	198.1	57	179.4
2980	7.5	196.3	59	179.4
2990	8.5	194.5	61	179.4
3000	9.4	192.8	63	179.7
3010	10.3	191.0	64	179.9
3020	10.0	189.2	66	179.9
3030	10.3	187.4	68	179.7
3040	9.9	185.6	70	179.7
3050	9.6	183.8	72	179.7
3060	9.8	182.0	73	179.7
3070	9.4	180.2	75	179.7
3080	10.2	178.4	77	179.7
3090	11.5	176.6	79	179.9
3100	12.5	174.8	81	179.9
3110	13.4	173.0	82	179.9
3120	13.6	171.2	84	179.7
3130	13.6	169.4	86	179.7
3140	13.6	167.6	88	179.7
3150	13.8	165.8	90	179.9
3160	14.1	164.0	91	179.9
3170	14.8	162.2	93	179.7
3180	15.7	160.4	95	179.9

3190	16.1	158.6	97	180.2
3200	15.6	156.8	99	179.9
3210	15.3	155.0	100	179.9
3220	15.1	153.2	102	179.7
3230	15.5	151.4	104	179.9
3240	15.5	149.6	106	179.9
3250	15.7	147.8	108	179.9
3260	15.5	146.0	109	179.9
3270	14.9	144.2	111	179.7
3280	14.2	142.4	113	179.4
3290	13.8	140.6	115	179.7
3300	13.4	138.8	117	179.7
3310	13.8	137.0	118	179.9
3320	14.5	135.2	120	179.9
3330	15.5	133.4	122	179.7
3340	15.1	131.6	124	179.7
3350	13.8	129.8	126	179.7
3360	12.3	128.0	127	179.7
3370	10.7	126.2	129	179.4
3380	10.2	124.4	131	179.4
3390	10.3	122.6	133	179.4
3400	10.0	120.8	135	179.4
3410	9.8	119.1	136	179.4
3420	8.8	117.3	138	179.7
3430	7.9	115.5	140	179.4
3440	6.5	113.7	142	179.4
3450	5.0	111.9	144	179.4
3460	3.9	110.1	145	179.4
3470	3.1	108.3	147	179.4
3480	2.7	106.5	149	179.1
3490	2.6	104.7	151	179.4
3500	1.8	102.9	153	179.4
3510	1.6	101.1	154	178.9
3520	1.5	99.3	156	178.9
3530	1.4	97.5	158	178.3
3540	1.1	95.8	160	177.8
3550	-0.7	94.0	161	177.0
3560	-6.1	92.2	163	174.1
3570	-9.2	90.5	165	170.6
3580	-8.8	88.8	167	167.1
3590	-6.5	87.2	168	163.9
3600	-6.2	85.6	170	161.3
3610	-8.1	84.0	171	158.6
3620	-11.1	82.4	173	155.2
3630	-12.7	80.9	175	150.9
3640	-12.2	79.4	176	159.2
3650	-1.2	78.2	177	119.8
3660	2.7	77.2	178	86.2
3670	13.8	76.4	179	77.2
3680	20.9	75.7	180	68.4
3690	17.4	75.2	180	49.5
3700	0.9	74.8	181	38.0
3710	-1.2	74.5	181	29.0
3720	-9.2	74.3	181	20.2

3730	-18.4	74.1	181	15.7
3740	-22.0	74.0	181	9.0
3750	-17.2	73.9	182	4.5
3760	-13.4	73.9	182	-0.5
3770	-15.2	73.9	182	-1.3
3780	-21.2	74.0	181	-6.6
3790	-26.8	74.1	181	-12.5
3800	-27.3	74.2	181	-20.2
3810	-25.5	74.5	181	-28.2
3820	-22.5	74.8	181	-35.6
3830	-24.0	75.1	180	-42.3
3840	-29.0	75.6	180	-45.2
3850	-35.1	76.1	179	-48.1
3860	-37.8	76.7	179	-69.4
3870	-35.0	77.4	178	-80.9
3880	-28.7	78.2	177	-91.0
3890	-23.1	79.1	176	-99.3
3900	-21.3	80.1	175	-106.4
3910	-23.2	81.1	174	-102.4
3920	-26.3	82.2	173	-109.4
3930	-27.0	83.3	172	-116.6
3940	-25.4	84.5	171	-123.7
3950	-23.2	85.8	170	-130.9
3960	-23.3	87.2	168	-137.1
3970	-25.4	88.6	167	-143.4
3980	-27.7	90.1	165	-150.4
3990	-27.3	91.6	164	-157.8
4000	-24.4	93.3	162	-165.0
4010	-21.0	95.0	160	-170.9
4020	-21.3	96.7	159	-175.1
4030	-26.3	98.5	157	-175.7
4040	-33.0	100.2	155	-176.2
4050	-37.7	102.0	153	-176.7
4060	-38.8	103.8	152	-177.0
4070	-37.7	105.5	150	-177.0
4080	-35.5	107.3	148	-177.3
4090	-34.0	109.1	146	-176.7
4100	-33.6	110.8	145	-176.7
4110	-34.6	112.6	143	-176.7
4120	-35.8	114.4	141	-176.7
4130	-36.5	116.1	139	-176.7
4140	-36.1	117.9	138	-177.0
4150	-35.1	119.7	136	-176.7
4160	-34.2	121.5	134	-176.7
4170	-34.6	123.2	132	-176.7
4180	-35.8	125.0	130	-176.7
4190	-36.3	126.8	129	-177.0
4200	-35.3	128.5	127	-177.0
4210	-32.8	130.3	125	-176.5
4220	-30.8	132.1	123	-176.5
4230	-30.0	133.8	122	-176.2
4240	-29.6	135.6	120	-176.2
4250	-29.6	137.3	118	-176.2
4260	-29.7	139.1	116	-176.5

4270	-29.6	140.9	115	-176.2
4280	-29.3	142.6	113	-176.5
4290	-29.0	144.4	111	-176.5
4300	-27.4	146.2	109	-175.9
4310	-25.6	147.9	108	-175.9
4320	-24.4	149.7	106	-175.7
4330	-25.1	151.4	104	-175.7
4340	-25.5	153.2	102	-175.9
4350	-25.4	155.0	100	-176.2
4360	-23.9	156.7	99	-175.7
4370	-22.4	158.5	97	-175.4
4380	-22.1	160.2	95	-175.7
4390	-22.5	162.0	93	-175.4
4400	-22.8	163.7	92	-175.7
4410	-22.8	165.5	90	-175.9
4420	-22.6	167.3	88	-175.4
4430	-22.2	169.0	86	-175.4
4440	-22.1	170.8	85	-175.7
4450	-21.7	172.5	83	-175.4
4460	-21.4	174.3	81	-175.4
4470	-21.3	176.0	79	-175.4
4480	-21.4	177.8	78	-175.4
4490	-21.7	179.5	76	-175.4
4500	-21.4	181.3	74	-175.7
4510	-20.7	183.0	72	-175.4
4520	-20.3	184.8	71	-175.1
4530	-20.1	186.6	69	-175.4
4540	-19.3	188.3	67	-175.4
4550	-18.0	190.1	65	-175.1
4560	-17.1	191.8	64	-174.9
4570	-16.4	193.6	62	-174.9
4580	-16.3	195.3	60	-175.1
4590	-16.8	197.1	58	-174.9
4600	-17.1	198.8	57	-174.6
4610	-16.3	200.6	55	-175.1
4620	-15.1	202.3	53	-174.9
4630	-14.4	204.1	51	-174.6
4640	-13.4	205.8	50	-174.6
4650	-12.5	207.6	48	-174.6
4660	-11.0	209.3	46	-174.3
4670	-9.6	211.0	44	-174.6
4680	-9.5	212.8	43	-174.3
4690	-10.2	214.5	41	-174.1
4700	-10.6	216.3	39	-174.6
4710	-9.5	218.0	37	-174.1
4720	-7.7	219.8	36	-174.1
4730	-6.0	221.5	34	-174.3
4740	-5.4	223.2	32	-173.8
4750	-4.9	225.0	30	-173.8
4760	-4.5	226.7	29	-174.1
4770	-0.9	228.5	27	-173.8
4780	-0.9	230.2	25	-173.3
4790	-0.5	231.9	24	-173.0
4800	5.3	233.6	22	-171.1

4810	7.6	235.3	20	-168.5
4820	6.4	237.0	18	-165.5
4830	1.6	238.6	17	-163.9
4840	-1.4	240.3	15	-163.1
4850	-1.8	241.9	14	-162.6
4860	0.5	243.5	12	-161.8
4870	4.9	245.1	10	-160.5
4880	8.7	246.7	9	-157.8
4890	10.6	248.3	7	-154.9
4900	10.2	249.8	6	-150.4
4910	8.5	251.3	4	-146.9
4920	7.5	252.7	3	-144.0
4930	7.7	254.1	1	-140.5
4940	8.7	255.5	0	-137.6
4950	10.4	256.9	-1	-134.1
4960	11.7	258.2	-3	-130.1
4970	11.4	259.5	-4	-126.1
4980	7.9	260.7	-5	-126.9
4990	-1.9	261.6	-6	-95.5
5000	-1.6	262.4	-7	-71.3
5010	-2.7	263.2	-8	-71.8
5020	-8.8	263.7	-8	-54.8
5030	-9.2	264.2	-9	-49.7
5040	-3.8	264.6	-9	-37.2
5050	0.5	264.9	-9	-26.8
5060	0.3	265.2	-10	-25.0
5070	12.1	265.4	-10	-19.7
5080	25.4	265.5	-10	-12.2
5090	29.2	265.6	-10	-6.3
5100	26.4	265.6	-10	1.3
5110	22.1	265.6	-10	5.3
5120	16.3	265.5	-10	11.4
5130	14.1	265.3	-10	15.9
5140	16.1	265.2	-10	20.7
5150	20.6	264.9	-9	25.5
5160	24.1	264.7	-9	32.2
5170	25.4	264.3	-9	39.4
5180	23.9	263.9	-8	46.8
5190	22.1	263.4	-8	54.5
5200	21.6	262.9	-7	60.9
5210	22.9	262.3	-7	67.8
5220	24.5	261.6	-6	74.8
5230	25.0	260.9	-5	82.2
5240	23.5	260.1	-5	89.7
5250	21.0	259.2	-4	96.6
5260	18.6	258.3	-3	93.4
5270	17.8	257.3	-2	98.7
5280	18.6	256.3	-1	103.5
5290	19.9	255.2	0	108.6
5300	20.6	254.1	1	113.9
5310	19.9	252.9	3	119.5
5320	17.8	251.7	4	124.5
5330	15.3	250.4	5	129.3
5340	14.5	249.1	6	132.8

5350	14.8	247.7	8	136.5
5360	15.7	246.3	9	140.8
5370	16.7	244.9	11	144.5
5380	16.7	243.4	12	149.0
5390	15.3	241.9	14	153.0
5400	13.3	240.3	15	156.8
5410	11.3	238.7	17	160.0
5420	10.8	237.1	18	162.6
5430	11.4	235.5	20	165.3
5440	12.2	233.8	22	167.9
5450	12.5	232.1	23	170.3
5460	11.5	230.4	25	173.3
5470	10.0	228.6	27	175.9
5480	7.7	226.8	29	178.3
5490	8.0	225.1	30	178.9
5500	10.4	223.3	32	179.7
5510	12.6	221.5	34	179.7
5520	14.9	219.7	36	179.7
5530	16.4	217.9	38	179.7
5540	15.6	216.1	39	179.7
5550	13.4	214.3	41	179.7
5560	9.4	212.5	43	179.7
5570	5.6	210.7	45	179.1
5580	4.3	208.9	47	179.1
5590	5.6	207.1	48	179.1
5600	8.8	205.3	50	179.7
5610	11.1	203.5	52	179.7
5620	11.8	201.7	54	179.9
5630	10.6	199.9	56	180.2
5640	8.0	198.1	57	179.7
5650	6.2	196.3	59	179.4
5660	6.2	194.5	61	179.7
5670	7.5	192.7	63	179.7
5680	9.2	190.9	65	179.9
5690	10.2	189.1	66	179.7
5700	11.0	187.3	68	180.2
5710	10.6	185.5	70	180.2
5720	10.3	183.7	72	179.9
5730	10.2	181.9	74	179.9
5740	9.9	180.1	75	179.7
5750	11.0	178.3	77	179.7
5760	12.2	176.5	79	179.9
5770	13.0	174.7	81	179.9
5780	13.3	172.9	83	180.2
5790	12.1	171.1	84	179.7
5800	11.3	169.3	86	179.9
5810	11.0	167.5	88	179.7
5820	11.0	165.7	90	179.7
5830	11.7	163.9	92	179.7
5840	12.2	162.1	93	179.7
5850	12.9	160.3	95	179.7
5860	12.2	158.5	97	179.9
5870	10.7	156.7	99	179.7
5880	10.0	154.9	101	179.7

5890	9.6	153.2	102	179.7
5900	10.7	151.4	104	179.7
5910	11.3	149.6	106	179.9
5920	11.3	147.8	108	179.9
5930	11.0	146.0	109	179.9
5940	10.0	144.2	111	179.7
5950	9.4	142.4	113	179.4
5960	8.5	140.6	115	179.7
5970	8.0	138.8	117	179.7
5980	8.3	137.0	118	179.7
5990	8.8	135.2	120	179.7
6000	9.4	133.4	122	179.7
6010	9.1	131.6	124	179.7
6020	8.7	129.8	126	179.4
6030	8.0	128.0	127	179.7
6040	7.1	126.2	129	179.4
6050	6.5	124.4	131	179.4
6060	6.1	122.6	133	179.4
6070	5.4	120.8	135	179.4
6080	5.0	119.0	136	179.4
6090	4.5	117.2	138	179.7
6100	4.1	115.4	140	179.4
6110	3.4	113.6	142	179.4
6120	2.7	111.8	144	179.7
6130	2.2	110.0	145	179.1
6140	1.9	108.2	147	179.1
6150	1.8	106.4	149	179.1
6160	1.6	104.7	151	178.9
6170	1.5	102.9	153	178.3
6180	1.5	101.1	154	177.8
6190	1.4	99.3	156	177.0
6200	1.2	97.6	158	175.7
6210	0.1	95.8	160	174.9
6220	-4.3	94.1	161	173.5
6230	-7.9	92.4	163	171.4
6240	-7.3	90.7	165	167.9
6250	-3.8	89.0	166	165.3
6260	-1.8	87.4	168	163.7
6270	-2.7	85.7	170	162.3
6280	-7.1	84.1	171	160.2
6290	-11.4	82.6	173	156.8
6300	-13.4	81.0	174	152.5
6310	-13.2	79.5	176	146.4
6320	-3.4	78.3	177	122.1
6330	2.0	77.2	178	107.2
6340	10.4	76.5	179	78.0
6350	16.1	75.8	180	68.4
6360	9.6	75.3	180	43.9
6370	-1.2	74.9	181	38.0
6380	-15.3	74.5	181	29.0
6390	-34.2	74.3	181	22.0
6400	-38.5	74.2	181	10.6
6410	-33.5	74.2	181	0.2
6420	-24.4	74.2	181	-4.2

6430	-18.3	74.3	181	-9.3
6440	-19.1	74.4	181	-13.3
6450	-27.5	74.6	181	-18.6
6460	-35.3	74.9	181	-25.5
6470	-38.0	75.2	180	-38.3
6480	-33.8	75.7	180	-48.9
6490	-27.1	76.3	179	-53.2
6500	-24.5	76.9	179	-59.3
6510	-28.7	77.6	178	-65.7
6520	-37.3	78.4	177	-81.4
6530	-41.9	79.3	176	-100.6
6540	-38.9	80.3	175	-113.1
6550	-30.0	81.4	174	-113.1
6560	-21.0	82.6	173	-121.3
6570	-18.4	83.9	172	-126.9
6580	-22.4	85.2	170	-132.0
6590	-28.9	86.6	169	-138.4
6600	-32.4	88.0	167	-146.4
6610	-29.7	89.5	166	-155.2
6620	-24.4	91.2	164	-162.9
6630	-19.8	92.8	163	-169.0
6640	-19.9	94.6	161	-174.1
6650	-25.9	96.3	159	-175.7
6660	-33.5	98.1	157	-176.2
6670	-36.2	99.8	156	-176.7
6680	-33.2	101.6	154	-177.0
6690	-27.4	103.4	152	-176.2
6700	-23.1	105.1	150	-175.9
6710	-23.2	106.9	149	-175.7
6720	-26.4	108.7	147	-175.7
6730	-29.7	110.4	145	-176.2
6740	-30.5	112.2	143	-176.5
6750	-29.0	113.9	142	-176.2
6760	-25.8	115.7	140	-175.9
6770	-22.5	117.5	138	-175.7
6780	-20.5	119.2	136	-175.4
6790	-20.9	121.0	134	-175.4
6800	-23.6	122.7	133	-175.7
6810	-26.8	124.5	131	-175.7
6820	-28.9	126.2	129	-176.2
6830	-28.5	128.0	127	-176.2
6840	-26.4	129.8	126	-175.9
6850	-23.9	131.5	124	-175.7
6860	-23.2	133.3	122	-175.9
6870	-24.3	135.0	120	-175.4
6880	-25.6	136.8	119	-175.9
6890	-26.6	138.6	117	-175.9
6900	-27.1	140.3	115	-175.9
6910	-27.4	142.1	113	-175.9
6920	-27.7	143.8	112	-176.2
6930	-27.1	145.6	110	-175.9
6940	-25.9	147.4	108	-176.2
6950	-25.9	149.1	106	-175.7
6960	-27.0	150.9	105	-175.7

697	-28.2	152.6	103	-176.2
0	-29.2	154.4	101	-176.2
698	-29.3	156.2	99	-176.2
0	-28.6	157.9	98	-176.2
699	-28.3	159.7	96	-176.2
0	-29.2	161.5	94	-176.2
700	-29.7	163.2	92	-176.5
0	-30.1	165.0	90	-176.5
701	-30.2	166.8	89	-176.2
0	-30.1	168.5	87	-176.2
702	-29.8	170.3	85	-175.9
0	-29.2	172.0	83	-176.2
703	-28.5	173.8	82	-176.2
0	-27.5	175.6	80	-175.9
704	-26.7	177.3	78	-175.9
0	-26.2	179.1	76	-175.9
705	-25.6	180.8	75	-175.9
0	-25.1	182.6	73	-175.9
706	-24.1	184.4	71	-175.9
0	-24.1	186.1	69	-175.7
707	-23.7	187.9	68	-175.7
0	-22.4	189.6	66	-175.7
708	-20.6	191.4	64	-175.1
0	-19.0	193.1	62	-175.1
709	-18.6	194.9	61	-175.1
0	-19.0	196.6	59	-175.1
710	-19.5	198.4	57	-175.4
0	-18.6	200.2	55	-175.4
711	-17.2	201.9	54	-174.9
0	-16.1	203.7	52	-175.1
712	-14.5	205.4	50	-174.9
0	-13.2	207.2	48	-174.9
713	-11.5	208.9	47	-174.6
0	-10.2	210.6	45	-174.6
714	-9.4	212.4	43	-174.3
0	-9.6	214.1	41	-174.3
715	-10.3	215.9	40	-174.6
0	-9.9	217.6	38	-174.3
716	-8.8	219.4	36	-174.3
0	-7.6	221.1	34	-174.3
717	-6.4	222.9	33	-173.8
0	-5.4	224.6	31	-174.1
718	-4.3	226.3	29	-173.8
0	-2.8	228.1	27	-173.8
719	-0.7	229.8	26	-173.5
0	-1.1	231.5	24	-173.0
720	5.7	233.3	22	-171.7
0	7.3	235.0	20	-169.5
721	5.3	236.6	19	-166.6
0	0.7	238.3	17	-165.0
722	-2.2	239.9	16	-164.2
0	-2.0	241.6	14	-163.9
723	-1.1	243.2	12	-163.9
0	1.6	244.9	11	-163.4
724				
0				
725				
0				
726				
0				

7510	5.7	246.5	9	-161.3
7520	8.0	248.1	7	-158.9
7530	7.6	249.6	6	-155.4
7540	5.3	251.2	4	-152.5
7550	4.2	252.7	3	-150.4
7560	4.3	254.2	1	-148.0
7570	6.1	255.6	0	-145.8
7580	9.1	257.1	-2	-143.2
7590	11.5	258.5	-3	-139.5
7600	13.2	259.8	-4	-134.9
7610	7.6	261.0	-6	-117.4
7620	-2.7	262.0	-7	-86.5
7630	-2.7	262.8	-7	-79.0
7640	-14.8	263.5	-8	-58.0
7650	-20.5	264.1	-9	-53.5
7660	-13.8	264.5	-9	-38.6
7670	0.1	264.9	-9	-37.2
7680	0.8	265.2	-10	-27.4
7690	15.5	265.4	-10	-18.6
7700	33.5	265.6	-10	-13.8
7710	37.6	265.6	-10	-2.3
7720	33.0	265.6	-10	2.3
7730	25.2	265.5	-10	9.5
7740	16.5	265.4	-10	14.9
7750	13.3	265.2	-10	18.9
7760	16.3	264.9	-9	22.0
7770	22.5	264.6	-9	26.0
7780	27.4	264.3	-9	31.6
7790	28.5	263.9	-8	38.3
7800	25.6	263.4	-8	45.2
7810	21.4	262.8	-7	62.8
7820	19.7	262.3	-7	63.0
7830	21.2	261.6	-6	61.4
7840	24.3	260.9	-5	66.8
7850	25.6	260.1	-5	72.6
7860	24.0	259.2	-4	87.5
7870	20.2	258.2	-3	94.7
7880	16.7	257.3	-2	100.0
7890	15.5	256.2	-1	104.6
7900	17.5	255.1	0	108.8
7910	20.1	254.0	1	113.4
7920	21.2	252.8	3	119.0
7930	19.7	251.6	4	124.5
7940	16.5	250.3	5	129.9
7950	13.8	249.0	6	133.9
7960	12.5	247.6	8	137.6
7970	13.2	246.2	9	140.2
7980	15.6	244.8	11	144.0
7990	16.5	243.3	12	148.0
8000	16.1	241.8	14	152.2
8010	13.8	240.3	15	156.2
8020	11.3	238.7	17	159.2
8030	10.3	237.1	18	162.1
8040	11.1	235.4	20	163.9

8050	12.3	233.8	22	166.9
8060	13.0	232.1	23	169.5
8070	11.9	230.4	25	172.7
8080	9.9	228.6	27	175.4
8090	8.7	226.8	29	177.5
8100	8.8	225.0	30	178.9
8110	10.7	223.3	32	179.4
8120	12.3	221.5	34	179.4
8130	13.4	219.7	36	179.7
8140	12.7	217.9	38	179.7
8150	11.0	216.1	39	179.7
8160	10.3	214.3	41	179.7
8170	10.8	212.5	43	179.7
8180	11.3	210.7	45	179.7
8190	11.9	208.9	47	179.7
8200	11.0	207.1	48	179.4
8210	9.4	205.3	50	179.4
8220	6.5	203.5	52	179.4
8230	5.4	201.7	54	179.1
8240	5.4	199.9	56	179.4
8250	6.1	198.1	57	179.4
8260	8.4	196.3	59	179.7
8270	10.0	194.5	61	179.9
8280	10.3	192.7	63	179.9
8290	9.2	190.9	65	179.9
8300	6.8	189.1	66	179.7
8310	6.5	187.3	68	179.7
8320	7.5	185.5	70	179.7
8330	9.5	183.7	72	179.7
8340	11.3	181.9	74	179.7
8350	10.8	180.1	75	179.9
8360	10.7	178.3	77	179.7
8370	10.4	176.5	79	179.9
8380	10.3	174.7	81	179.7
8390	11.0	172.9	83	179.9
8400	11.3	171.2	84	179.9
8410	11.9	169.4	86	179.9
8420	12.2	167.6	88	179.7
8430	12.2	165.8	90	179.9
8440	11.7	164.0	91	179.9
8450	11.0	162.2	93	179.7
8460	11.1	160.4	95	179.7
8470	11.3	158.6	97	179.7
8480	11.3	156.8	99	179.7
8490	11.5	155.0	100	179.7
8500	11.7	153.2	102	179.7
8510	11.9	151.4	104	179.9
8520	11.4	149.6	106	179.7
8530	10.6	147.8	108	179.7
8540	9.9	146.0	109	179.7
8550	9.8	144.2	111	179.7
8560	10.3	142.4	113	179.7
8570	10.8	140.6	115	179.7
8580	10.4	138.8	117	179.7

8590	9.8	137.0	118	179.9
8600	9.1	135.2	120	179.7
8610	8.5	133.4	122	179.7
8620	7.5	131.6	124	179.4
8630	6.5	129.8	126	179.4
8640	5.7	128.0	127	179.7
8650	4.3	126.2	129	179.7
8660	3.4	124.4	131	179.4
8670	2.7	122.6	133	179.1
8680	2.2	120.8	135	179.4
8690	1.9	119.0	136	179.1
8700	1.8	117.2	138	179.1
8710	1.5	115.5	140	178.6
8720	1.5	113.7	142	178.3
8730	1.4	111.9	144	178.1
8740	0.9	110.1	145	177.3
8750	-2.0	108.4	147	174.9
8760	-7.3	106.6	149	173.0
8770	-9.2	104.9	151	169.5
8780	-6.8	103.2	152	166.6
8790	-2.6	101.6	154	163.7
8800	-1.4	100.0	155	162.3
8810	-2.6	98.4	157	161.0
8820	-5.7	96.8	159	159.4
8830	-9.6	95.2	160	156.5
8840	-11.3	93.7	162	152.2
8850	-9.4	92.2	163	148.5
8860	-6.2	90.7	165	145.0
8870	-5.2	89.3	166	142.9
8880	-7.6	87.9	168	140.2
8890	-10.7	86.5	169	137.1
8900	-12.6	85.1	170	133.3
8910	-12.6	83.8	172	128.5
8920	-9.9	82.6	173	124.5
8930	-7.3	81.4	174	121.3
8940	-6.9	80.2	175	106.7
8950	-5.2	79.1	176	97.1
8960	1.8	78.1	177	100.0
8970	1.5	77.3	178	76.6
8980	2.6	76.6	179	70.0
8990	6.4	76.1	179	53.5
9000	6.4	75.6	180	49.2
9010	0.0	75.2	180	37.2
9020	-0.5	74.9	181	30.6
9030	-6.8	74.7	181	22.8
9040	-19.4	74.5	181	19.1
9050	-24.0	74.3	181	11.7
9060	-18.6	74.2	181	6.6
9070	-9.5	74.2	181	1.5
9080	-4.5	74.2	181	-0.5
9090	-7.3	74.2	181	-0.5
9100	-14.8	74.2	181	-2.9
9110	-19.7	74.3	181	-6.1
9120	-20.1	74.4	181	-10.6

9130	-17.2	74.5	181	-15.4
9140	-16.1	74.8	181	-19.7
9150	-19.4	75.0	180	-23.6
9160	-26.3	75.3	180	-34.8
9170	-31.9	75.7	180	-38.6
9180	-34.2	76.1	179	-42.5
9190	-32.3	76.7	179	-51.1
9200	-28.2	77.3	178	-60.1
9210	-26.7	78.0	177	-65.7
9220	-29.3	78.8	177	-72.4
9230	-34.0	79.7	176	-80.1
9240	-36.6	80.7	175	-98.2
9250	-34.7	81.7	174	-108.3
9260	-30.0	82.9	173	-118.4
9270	-25.9	84.1	171	-126.1
9280	-25.5	85.4	170	-133.6
9290	-29.2	86.8	169	-140.5
9300	-32.0	88.3	167	-149.0
9310	-32.3	89.9	166	-157.6
9320	-29.0	91.5	164	-166.3
9330	-25.5	93.2	162	-173.8
9340	-27.4	95.0	160	-175.7
9350	-35.5	96.7	159	-176.7
9360	-44.1	98.5	157	-177.5
9370	-46.8	100.3	155	-178.6
9380	-43.7	102.1	153	-178.9
9390	-37.6	103.9	152	-178.6
9400	-32.3	105.7	150	-178.3
9410	-31.5	107.4	148	-178.9
9420	-33.5	109.2	146	-179.1
9430	-35.7	111.0	144	-179.4
9440	-36.5	112.8	143	-179.4
9450	-34.7	114.6	141	-179.7
9460	-31.3	116.4	139	-179.1
9470	-28.2	118.2	137	-179.4
9480	-26.4	120.0	135	-179.1
9490	-26.4	121.8	134	-179.4
9500	-28.5	123.6	132	-179.4
9510	-30.4	125.4	130	-179.7
9520	-30.6	127.2	128	-179.7
9530	-29.0	129.0	126	-179.7
9540	-26.3	130.8	125	-179.4
9550	-25.2	132.6	123	-179.4
9560	-25.5	134.4	121	-179.7
9570	-26.2	136.1	119	-179.7
9580	-26.8	137.9	118	-179.1
9590	-26.8	139.7	116	-179.7
9600	-26.6	141.5	114	-179.7
9610	-26.4	143.3	112	-179.7
9620	-25.9	145.1	110	-179.7
9630	-25.0	146.9	109	-179.7
9640	-24.8	148.7	107	-179.4
9650	-26.2	150.5	105	-179.4
9660	-27.9	152.3	103	-179.9

9670	-28.6	154.1	101	-179.7
9680	-27.9	155.9	100	-179.7
9690	-26.0	157.7	98	-179.4
9700	-24.4	159.5	96	-179.4
9710	-24.1	161.3	94	-179.4
9720	-24.7	163.1	92	-179.9
9730	-25.4	164.9	91	-179.7
9740	-25.6	166.7	89	-179.4
9750	-25.6	168.5	87	-179.7
9760	-25.2	170.3	85	-179.7
9770	-23.9	172.1	83	-179.7
9780	-22.8	173.9	82	-179.7
9790	-21.6	175.7	80	-179.4
9800	-20.9	177.5	78	-179.4
9810	-20.7	179.3	76	-179.7
9820	-20.9	181.1	74	-179.7
9830	-20.6	182.8	73	-179.7
9840	-20.5	184.6	71	-179.4
9850	-20.1	186.4	69	-179.7
9860	-19.4	188.2	67	-179.4
9870	-17.9	190.0	65	-179.7
9880	-16.4	191.8	64	-179.4
9890	-15.3	193.6	62	-179.1
9900	-15.2	195.4	60	-179.4
9910	-15.9	197.2	58	-179.4
9920	-16.4	199.0	56	-179.4
9930	-15.3	200.8	55	-179.4
9940	-14.1	202.6	53	-179.7
9950	-12.7	204.4	51	-179.1
9960	-11.3	206.2	49	-179.4
9970	-10.2	208.0	47	-179.4
9980	-8.8	209.8	46	-179.1
9990	-7.9	211.6	44	-179.4
10000	-8.5	213.4	42	-179.7
10010	-9.9	215.2	40	-179.4
10020	-10.7	216.9	39	-179.7
10030	-9.6	218.7	37	-179.7
10040	-7.2	220.5	35	-179.4
10050	-4.6	222.3	33	-179.4
10060	-2.8	224.1	31	-179.1
10070	-2.0	225.9	30	-179.1
10080	-1.9	227.7	28	-179.1
10090	-1.8	229.5	26	-179.1
10100	-1.8	231.3	24	-178.6
10110	-1.8	233.1	22	-178.3
10120	-1.8	234.9	21	-178.1
10130	-1.8	236.6	19	-175.9
10140	-1.8	238.3	17	-171.4
10150	-1.8	240.1	15	-171.4
10160	-1.6	241.8	14	-170.9
10170	-1.2	243.5	12	-170.9
10180	3.4	245.2	10	-170.1
10190	11.4	246.9	9	-167.4
10200	13.7	248.5	7	-163.1

10210	9.9	250.1	5	-158.4
10220	4.3	251.7	4	-155.4
10230	2.0	253.2	2	-153.8
10240	3.7	254.7	1	-152.0
10250	7.6	256.2	-1	-150.1
10260	11.5	257.7	-2	-146.4
10270	13.7	259.1	-4	-142.1
10280	10.7	260.4	-5	-120.0
10290	-3.5	261.6	-6	-119.8
10300	-3.1	262.5	-7	-88.9
10310	-18.0	263.3	-8	-79.8
10320	-23.9	263.9	-8	-59.9
10330	-16.0	264.5	-9	-52.1
10340	0.0	264.8	-9	-37.2
10350	1.4	265.1	-10	-26.3
10360	16.5	265.4	-10	-21.8
10370	33.0	265.5	-10	-11.4
10380	32.7	265.6	-10	-1.5
10390	23.7	265.6	-10	2.1
10400	14.1	265.5	-10	7.7
10410	9.6	265.4	-10	10.9
10420	13.7	265.2	-10	13.3
10430	21.6	265.1	-10	16.5
10440	27.7	264.8	-9	21.8
10450	28.5	264.5	-9	28.2
10460	24.8	264.2	-9	34.8
10470	20.3	263.7	-8	49.7
10480	19.5	263.2	-8	55.9
10490	22.4	262.7	-7	61.7
10500	26.7	262.1	-7	68.9
10510	28.7	261.4	-6	76.6
10520	26.6	260.6	-5	85.4
10530	21.6	259.8	-4	93.1
10540	17.5	258.9	-3	90.7
10550	16.7	258.0	-3	95.5
10560	19.3	257.0	-2	100.0
10570	22.8	255.9	0	105.6
10580	24.3	254.8	1	112.3
10590	22.6	253.6	2	118.7
10600	18.7	252.4	3	124.8
10610	15.3	251.1	4	129.6
10620	14.6	249.8	6	133.9
10630	15.5	248.4	7	137.6
10640	16.7	247.0	8	141.6
10650	17.2	245.6	10	145.6
10660	15.9	244.1	11	150.1
10670	13.7	242.6	13	154.1
10680	11.9	241.0	14	157.3
10690	11.5	239.4	16	159.7
10700	12.1	237.8	18	162.3
10710	12.9	236.1	19	165.5
10720	12.3	234.5	21	168.5
10730	11.1	232.8	23	171.1
10740	9.9	231.0	24	173.8

10750	8.9	229.3	26	175.7
10760	9.2	227.5	28	177.8
10770	9.2	225.7	30	178.9
10780	10.8	223.9	32	179.1
10790	12.1	222.1	33	179.7
10800	12.7	220.3	35	179.7
10810	12.9	218.5	37	179.7
10820	12.7	216.7	39	179.4
10830	11.9	214.9	41	179.7
10840	10.7	213.1	42	179.4
10850	7.7	211.3	44	179.4
10860	5.3	209.6	46	179.1
10870	4.5	207.8	48	179.1
10880	5.7	206.0	49	179.1
10890	8.4	204.2	51	179.7
10900	10.3	202.4	53	180.2
10910	10.6	200.6	55	179.9
10920	8.8	198.8	57	179.9
10930	6.6	197.0	58	179.7
10940	6.0	195.2	60	179.7
10950	6.4	193.4	62	179.7
10960	8.5	191.6	64	179.7
10970	10.3	189.8	66	179.9
10980	11.3	188.0	67	179.9
10990	11.4	186.2	69	179.9
11000	10.8	184.4	71	179.9
11010	10.3	182.6	73	179.7
11020	9.2	180.8	75	179.7
11030	8.9	179.0	76	179.7
11040	10.0	177.2	78	179.7
11050	11.4	175.4	80	179.7
11060	12.2	173.6	82	179.7
11070	11.9	171.8	84	179.9
11080	10.8	170.0	85	179.9
11090	10.7	168.2	87	179.7
11100	10.7	166.4	89	179.9
11110	11.8	164.6	91	179.9
11120	12.9	162.8	93	179.7
11130	14.1	161.0	94	179.9
11140	14.9	159.2	96	179.9
11150	14.4	157.4	98	179.9
11160	14.1	155.6	100	179.7
11170	14.0	153.8	102	179.7
11180	14.2	152.0	103	179.7
11190	14.5	150.2	105	179.7
11200	14.4	148.4	107	179.9
11210	14.0	146.6	109	179.9
11220	12.9	144.8	111	179.9
11230	12.7	143.0	112	179.7
11240	12.7	141.2	114	179.7
11250	12.7	139.4	116	179.7
11260	12.6	137.6	118	179.7
11270	12.2	135.8	120	179.7
11280	12.2	134.0	121	179.9

11290	12.2	132.2	123	179.7
11300	11.8	130.4	125	179.7
11310	11.7	128.6	127	179.7
11320	11.0	126.8	129	179.7
11330	10.3	125.0	130	179.4
11340	10.0	123.3	132	179.7
11350	9.2	121.5	134	179.4
11360	8.4	119.7	136	179.7
11370	8.0	117.9	138	179.4
11380	7.9	116.1	139	179.7
11390	7.6	114.3	141	179.7
11400	6.9	112.5	143	179.7
11410	6.0	110.7	145	179.7
11420	4.7	108.9	147	179.1
11430	4.1	107.1	148	179.4
11440	3.8	105.3	150	179.4
11450	3.3	103.5	152	179.4
11460	2.4	101.7	154	179.4
11470	1.8	99.9	156	179.1
11480	1.6	98.1	157	178.9
11490	1.5	96.3	159	178.6
11500	1.4	94.6	161	178.3
11510	0.9	92.8	163	177.8
11520	-3.7	91.0	164	176.5
11530	-11.3	89.3	166	172.7
11540	-13.6	87.6	168	168.5
11550	-11.3	85.9	170	163.7
11560	-7.2	84.3	171	160.2
11570	-5.3	82.7	173	157.3
11580	-7.1	81.2	174	154.6
11590	-11.5	79.7	176	136.0
11600	-7.3	78.3	177	138.7
11610	2.3	77.3	178	101.1
11620	9.2	76.4	179	87.3
11630	19.1	75.8	180	63.6
11640	15.5	75.3	180	50.3
11650	1.5	74.8	181	34.6
11660	-2.6	74.5	181	29.8
11670	-17.4	74.3	181	21.5
11680	-32.1	74.1	181	10.9
11690	-34.7	74.1	181	1.0
11700	-28.6	74.1	181	-4.2
11710	-19.8	74.2	181	-10.6
11720	-16.0	74.4	181	-15.1
11730	-23.5	74.6	181	-19.4
11740	-35.1	74.8	181	-25.2
11750	-41.8	75.2	180	-40.9
11760	-39.5	75.7	180	-52.7
11770	-31.1	76.2	179	-64.1
11780	-25.1	76.9	179	-73.4
11790	-27.1	77.6	178	-81.4
11800	-35.8	78.4	177	-89.1
11810	-43.4	79.3	176	-100.0
11820	-43.3	80.3	175	-113.4

11830	-34.4	81.4	174	-114.4
11840	-22.8	82.6	173	-124.3
11850	-17.0	83.9	172	-129.9
11860	-19.9	85.2	170	-134.9
11870	-28.2	86.6	169	-140.5
11880	-34.3	88.1	167	-148.8
11890	-32.5	89.7	166	-157.6
11900	-25.8	91.3	164	-166.6
11910	-19.9	93.0	162	-173.0
11920	-21.2	94.8	161	-175.4
11930	-30.8	96.5	159	-176.2
11940	-39.9	98.3	157	-176.7
11950	-41.8	100.1	155	-178.1
11960	-36.9	101.9	154	-178.6
11970	-27.9	103.6	152	-177.8
11980	-23.2	105.4	150	-178.1
11990	-24.8	107.2	148	-178.3
12000	-30.1	109.0	146	-179.1
12010	-34.7	110.8	145	-179.7
12020	-35.5	112.6	143	-179.9
12030	-31.9	114.4	141	-179.7
12040	-26.7	116.2	139	-179.1
12050	-22.2	118.0	137	-179.1
12060	-20.6	119.8	136	-178.9
12070	-21.8	121.5	134	-178.9
12080	-25.4	123.3	132	-179.7
12090	-29.0	125.1	130	-179.9
12100	-30.6	126.9	129	-179.9
12110	-29.6	128.7	127	-179.9
12120	-27.3	130.5	125	-179.4
12130	-25.6	132.3	123	-179.4
12140	-26.2	134.1	121	-179.7
12150	-27.5	135.9	120	-179.7
12160	-29.2	137.7	118	-179.9
12170	-29.6	139.5	116	-179.9
12180	-29.6	141.3	114	-179.9
12190	-29.2	143.1	112	-179.7
12200	-28.7	144.9	111	-179.9
12210	-27.5	146.7	109	-179.9
12220	-27.5	148.5	107	-179.4
12230	-28.7	150.3	105	-179.9
12240	-30.5	152.1	103	-179.9
12250	-31.7	153.9	102	-179.9
12260	-31.9	155.7	100	-179.7
12270	-31.1	157.5	98	-179.9
12280	-31.1	159.3	96	-179.7
12290	-32.1	161.1	94	-179.7
12300	-33.4	162.9	93	-179.9
12310	-33.9	164.7	91	-179.9
12320	-33.8	166.5	89	-179.9
12330	-33.4	168.3	87	-179.9
12340	-33.1	170.1	85	-179.4
12350	-32.3	171.9	84	-179.7
12360	-31.6	173.7	82	-179.7

12370	-30.6	175.5	80	-179.4
12380	-30.5	177.3	78	-179.7
12390	-30.9	179.1	76	-179.7
12400	-30.9	180.9	75	-179.7
12410	-30.4	182.7	73	-179.7
12420	-30.0	184.5	71	-179.4
12430	-29.6	186.3	69	-179.4
12440	-28.5	188.1	67	-179.4
12450	-27.0	189.9	66	-179.7
12460	-25.2	191.7	64	-179.4
12470	-24.4	193.5	62	-179.1
12480	-24.3	195.2	60	-179.4
12490	-25.1	197.0	58	-179.7
12500	-25.2	198.8	57	-179.7
12510	-24.4	200.6	55	-179.7
12520	-22.9	202.4	53	-179.4
12530	-22.2	204.2	51	-179.4
12540	-21.0	206.0	49	-179.4
12550	-19.3	207.8	48	-179.4
12560	-17.5	209.6	46	-179.1
12570	-15.3	211.4	44	-179.1
12580	-15.1	213.2	42	-179.4
12590	-15.7	215.0	40	-179.1
12600	-15.9	216.8	39	-179.4
12610	-15.2	218.6	37	-179.7
12620	-13.3	220.4	35	-179.1
12630	-11.4	222.2	33	-179.4
12640	-10.3	224.0	31	-179.4
12650	-8.9	225.7	30	-179.1
12660	-11.0	227.5	28	-179.7
12670	-0.7	229.3	26	-179.1
12680	0.7	231.1	24	-178.3
12690	8.8	232.9	23	-176.5
12700	3.0	234.6	21	-169.0
12710	-2.0	236.3	19	-167.9
12720	-2.3	238.0	17	-167.9
12730	-2.3	239.6	16	-167.9
12740	-4.2	241.3	14	-167.7
12750	-7.2	243.0	12	-168.5
12760	-4.6	244.7	11	-169.3
12770	-1.4	246.4	9	-169.5
12780	-1.2	248.1	7	-169.3
12790	3.4	249.8	6	-168.5
12800	14.0	251.4	4	-165.5
12810	18.7	253.0	2	-160.0
12820	15.5	254.6	1	-153.3
12830	7.9	256.1	-1	-148.5
12840	3.9	257.5	-2	-145.8
12850	5.2	259.0	-4	-144.0
12860	9.8	260.4	-5	-152.2
12870	2.8	261.5	-6	-113.1
12880	-2.6	262.5	-7	-100.8
12890	-14.5	263.3	-8	-74.5
12900	-32.0	263.9	-8	-61.2

12910	-33.8	264.5	-9	-44.1
12920	-19.4	264.9	-9	-38.8
12930	1.4	265.2	-10	-26.6
12940	7.2	265.4	-10	-25.5
12950	25.6	265.6	-10	-16.2
12960	33.0	265.7	-10	-5.5
12970	28.6	265.7	-10	1.8
12980	17.1	265.6	-10	6.3
12990	6.5	265.5	-10	10.6
13000	3.4	265.4	-10	12.5
13010	10.2	265.2	-10	17.3
13020	20.9	265.1	-10	19.1
13030	28.7	264.8	-9	22.8
13040	29.4	264.5	-9	29.8
13050	24.0	264.1	-9	37.2
13060	18.2	263.7	-8	42.8
13070	17.0	263.2	-8	47.1
13080	21.0	262.6	-7	51.1
13090	27.0	262.0	-7	56.4
13100	29.8	261.3	-6	63.0
13110	27.4	260.6	-5	70.0
13120	21.6	259.7	-4	76.4
13130	16.7	258.8	-3	90.7
13140	15.5	257.9	-2	95.0
13150	18.2	256.9	-1	99.5
13160	22.2	255.8	0	104.6
13170	24.3	254.7	1	111.0
13180	22.4	253.6	2	117.1
13190	17.1	252.4	3	123.2
13200	13.4	251.1	4	128.0
13210	12.6	249.8	6	131.5
13220	14.6	248.4	7	134.7
13230	16.8	247.1	8	138.7
13240	17.8	245.7	10	142.9
13250	16.4	244.2	11	147.4
13260	14.0	242.7	13	151.4
13270	11.8	241.1	14	154.9
13280	11.4	239.6	16	157.6
13290	12.1	238.0	17	160.2
13300	13.0	236.4	19	163.1
13310	12.6	234.7	21	166.1
13320	11.4	233.0	22	169.3
13330	9.9	231.3	24	171.7
13340	8.7	229.6	26	173.5
13350	8.4	227.8	28	175.4
13360	9.2	226.1	29	177.0
13370	9.8	224.3	31	178.9
13380	10.3	222.5	33	179.4
13390	9.8	220.7	35	179.4
13400	9.1	218.9	37	179.4
13410	7.7	217.1	38	179.4
13420	7.1	215.3	40	179.4
13430	8.3	213.5	42	179.7
13440	9.5	211.7	44	179.7

13450	9.6	209.9	46	179.7
13460	8.3	208.1	47	179.7
13470	5.7	206.3	49	179.4
13480	3.8	204.5	51	179.4
13490	3.0	202.7	53	179.7
13500	3.9	200.9	55	179.4
13510	5.3	199.1	56	179.7
13520	6.8	197.4	58	179.4
13530	8.3	195.6	60	179.7
13540	8.3	193.8	62	179.9
13550	7.2	192.0	63	179.7
13560	6.2	190.2	65	179.7
13570	5.6	188.4	67	179.7
13580	6.2	186.6	69	179.7
13590	7.7	184.8	71	179.7
13600	9.4	183.0	72	179.9
13610	10.2	181.2	74	179.7
13620	9.8	179.4	76	179.9
13630	9.8	177.6	78	179.9
13640	9.9	175.8	80	179.9
13650	9.9	174.0	81	179.7
13660	9.6	172.2	83	179.7
13670	8.9	170.4	85	179.9
13680	9.8	168.6	87	179.7
13690	10.6	166.8	89	179.7
13700	12.2	165.0	90	179.9
13710	13.2	163.2	92	179.7
13720	13.8	161.4	94	179.9
13730	14.4	159.6	96	179.9
13740	14.2	157.8	98	179.9
13750	13.4	156.0	99	179.9
13760	13.2	154.2	101	179.9
13770	13.8	152.4	103	179.9
13780	14.6	150.6	105	179.9
13790	15.1	148.8	107	179.9
13800	14.9	147.0	108	179.9
13810	14.2	145.2	110	179.9
13820	14.0	143.4	112	179.7
13830	14.2	141.6	114	179.7
13840	14.8	139.8	116	179.9
13850	15.5	138.0	117	179.7
13860	15.6	136.2	119	179.9
13870	15.3	134.4	121	179.9
13880	15.1	132.6	123	179.7
13890	14.2	130.8	125	179.7
13900	13.6	129.0	126	179.7
13910	12.9	127.2	128	179.7
13920	12.3	125.4	130	179.7
13930	12.5	123.6	132	179.7
13940	11.9	121.8	134	179.4
13950	10.7	120.0	135	179.4
13960	9.6	118.2	137	179.1
13970	8.4	116.4	139	179.4
13980	7.1	114.6	141	179.4

13990	5.8	112.8	143	179.1
14000	4.6	111.0	144	179.4
14010	3.4	109.3	146	178.9
14020	2.2	107.5	148	179.4
14030	1.8	105.7	150	179.4
14040	1.5	103.9	152	178.9
14050	1.5	102.1	153	178.6
14060	1.4	100.3	155	178.3
14070	1.2	98.5	157	177.3
14080	0.7	96.8	159	175.7
14090	-4.6	95.0	160	174.3
14100	-10.2	93.3	162	171.9
14110	-11.7	91.6	164	167.9
14120	-8.4	90.0	165	163.9
14130	-5.0	88.3	167	160.7
14140	-5.2	86.8	169	158.4
14150	-9.1	85.2	170	156.0
14160	-14.1	83.7	172	152.0
14170	-15.6	82.2	173	147.2
14180	-14.9	80.7	175	141.6
14190	-11.1	79.4	176	120.8
14200	-0.8	78.2	177	122.7
14210	1.9	77.3	178	91.5
14220	5.2	76.5	179	80.9
14230	8.7	75.9	180	59.9
14240	2.4	75.4	180	48.1
14250	-1.2	75.0	180	34.6
14260	-13.4	74.6	181	29.8
14270	-32.0	74.4	181	22.8
14280	-39.5	74.3	181	11.1
14290	-33.6	74.2	181	0.0
14300	-24.3	74.3	181	-3.9
14310	-18.2	74.4	181	-9.0
14320	-20.6	74.5	181	-13.0
14330	-29.2	74.7	181	-18.1
14340	-36.6	74.9	181	-25.5
14350	-37.2	75.3	180	-41.7
14360	-31.2	75.8	180	-52.9
14370	-24.7	76.3	179	-62.5
14380	-24.1	76.9	179	-70.2
14390	-30.5	77.6	178	-76.9
14400	-38.9	78.4	177	-87.3
14410	-42.0	79.3	176	-99.0
14420	-37.0	80.3	175	-111.8
14430	-27.1	81.4	174	-111.5
14440	-19.5	82.5	173	-119.0
14450	-19.7	83.8	172	-124.3
14460	-26.0	85.1	170	-129.9
14470	-32.7	86.4	169	-137.3
14480	-34.2	87.9	168	-146.4
14490	-30.5	89.4	166	-155.2
14500	-24.5	91.0	164	-163.7
14510	-22.2	92.7	163	-169.8
14520	-25.4	94.4	161	-175.1

14530	-33.5	96.2	159	-176.5
14540	-40.5	98.0	157	-177.0
14550	-42.0	99.7	156	-177.8
14560	-37.7	101.5	154	-178.9
14570	-31.3	103.3	152	-178.1
14580	-28.6	105.1	150	-178.6
14590	-31.2	106.9	149	-178.9
14600	-36.3	108.7	147	-179.1
14610	-39.6	110.5	145	-179.4
14620	-38.9	112.3	143	-179.7
14630	-35.1	114.1	141	-179.7
14640	-30.6	115.9	140	-178.9
14650	-27.1	117.6	138	-179.1
14660	-26.6	119.4	136	-179.1
14670	-27.9	121.2	134	-179.4
14680	-31.1	123.0	132	-179.7
14690	-33.6	124.8	131	-179.9
14700	-33.5	126.6	129	-179.9
14710	-31.2	128.4	127	-179.7
14720	-27.5	130.2	125	-179.4
14730	-25.2	132.0	123	-179.4
14740	-25.2	133.8	122	-179.4
14750	-26.4	135.6	120	-179.4
14760	-27.7	137.4	118	-179.7
14770	-27.8	139.2	116	-179.4
14780	-27.3	141.0	114	-179.7
14790	-26.7	142.8	113	-179.4
14800	-26.3	144.6	111	-179.7
14810	-25.2	146.4	109	-179.7
14820	-24.3	148.2	107	-179.4
14830	-24.1	150.0	105	-179.7
14840	-25.1	151.8	104	-179.4
14850	-25.4	153.6	102	-179.4
14860	-24.3	155.4	100	-179.7
14870	-22.4	157.2	98	-179.7
14880	-21.2	158.9	97	-179.1
14890	-21.8	160.7	95	-179.4
14900	-23.5	162.5	93	-179.7
14910	-24.7	164.3	91	-179.4
14920	-25.0	166.1	89	-179.7
14930	-24.1	167.9	88	-179.7
14940	-23.6	169.7	86	-179.4
14950	-22.5	171.5	84	-179.7
14960	-21.7	173.3	82	-179.7
14970	-21.0	175.1	80	-179.4
14980	-21.2	176.9	79	-179.7
14990	-21.4	178.7	77	-179.7
15000	-21.3	180.5	75	-179.7
15010	-20.2	182.3	73	-179.7
15020	-19.0	184.1	71	-179.4
15030	-18.0	185.9	70	-179.4
15040	-17.6	187.7	68	-179.4
15050	-17.0	189.5	66	-179.7
15060	-16.1	191.3	64	-179.4

15070	-15.3	193.1	62	-179.4
15080	-15.5	194.9	61	-179.7
15090	-16.0	196.6	59	-179.4
15100	-16.1	198.4	57	-179.7
15110	-14.9	200.2	55	-179.7
15120	-13.2	202.0	53	-179.4
15130	-11.9	203.8	52	-179.4
15140	-11.5	205.6	50	-179.4
15150	-10.8	207.4	48	-179.4
15160	-10.4	209.2	46	-179.4
15170	-9.4	211.0	44	-179.7
15180	-9.5	212.8	43	-179.4
15190	-10.2	214.6	41	-179.4
15200	-10.3	216.4	39	-179.9
15210	-9.5	218.2	37	-179.4
15220	-7.6	220.0	35	-179.1
15230	-5.7	221.8	34	-179.4
15240	-4.5	223.6	32	-179.1
15250	-3.8	225.4	30	-179.1
15260	-3.3	227.2	28	-179.4
15270	-1.4	228.9	27	-179.4
15280	-1.5	230.7	25	-178.9
15290	-1.5	232.5	23	-178.6
15300	-1.4	234.3	21	-178.3
15310	0.7	236.1	19	-177.5
15320	0.5	237.8	18	-172.2
15330	-2.3	239.5	16	-169.8
15340	-2.0	241.2	14	-169.5
15350	-1.9	242.9	13	-169.5
15360	-1.8	244.6	11	-169.0
15370	-0.9	246.3	9	-168.7
15380	3.0	248.0	7	-167.9
15390	9.1	249.7	6	-165.5
15400	11.8	251.3	4	-161.8
15410	11.0	252.9	3	-157.6
15420	8.1	254.4	1	-153.6
15430	5.3	255.9	0	-150.9
15440	6.0	257.4	-2	-148.2
15450	9.5	258.9	-3	-145.6
15460	14.0	260.2	-5	-126.4
15470	7.1	261.5	-6	-113.4
15480	-1.8	262.4	-7	-93.4
15490	-3.1	263.3	-8	-82.2
15500	-13.8	263.9	-8	-60.6
15510	-15.7	264.4	-9	-53.7
15520	-5.6	264.8	-9	-38.8
15530	0.7	265.1	-10	-26.8
15540	10.7	265.4	-10	-25.8
15550	32.3	265.6	-10	-15.9
15560	40.0	265.6	-10	-4.5
15570	35.4	265.6	-10	2.1
15580	25.8	265.5	-10	9.0
15590	14.2	265.4	-10	18.1
15600	9.6	265.2	-10	22.3

15610	14.4	265.0	-10	25.5
15620	24.0	264.7	-9	30.6
15630	31.3	264.4	-9	38.0
15640	32.0	264.0	-9	47.6
15650	26.7	263.5	-8	52.1
15660	19.9	262.9	-7	52.9
15670	16.8	262.2	-7	70.8
15680	19.9	261.6	-6	76.4
15690	25.6	260.8	-5	82.2
15700	28.9	260.0	-5	89.7
15710	27.4	259.2	-4	90.7
15720	21.8	258.2	-3	97.1
15730	16.3	257.2	-2	103.0
15740	14.6	256.1	-1	107.2
15750	17.5	255.0	0	111.5
15760	22.4	253.9	2	116.3
15770	24.4	252.7	3	122.4
15780	22.6	251.4	4	128.8
15790	18.0	250.0	5	134.9
15800	13.6	248.7	7	139.5
15810	12.3	247.2	8	142.6
15820	14.5	245.8	10	145.6
15830	18.2	244.3	11	149.8
15840	20.1	242.8	13	154.1
15850	18.8	241.2	14	159.4
15860	15.3	239.6	16	164.2
15870	11.3	237.9	18	167.7
15880	9.6	236.2	19	170.3
15890	10.7	234.5	21	172.5
15900	13.7	232.7	23	174.9
15910	15.5	231.0	24	178.3
15920	14.6	229.2	26	179.4
15930	13.8	227.4	28	179.4
15940	12.6	225.6	30	179.4
15950	11.0	223.8	32	179.4
15960	9.4	222.0	33	179.4
15970	8.0	220.2	35	179.4
15980	7.5	218.4	37	179.1
15990	8.1	216.6	39	179.4
16000	9.8	214.8	41	179.4
16010	11.4	213.0	42	179.7
16020	10.7	211.2	44	179.9
16030	8.5	209.4	46	179.4
16040	5.3	207.6	48	179.4
16050	3.5	205.8	50	179.1
16060	4.1	204.0	51	179.1
16070	5.8	202.2	53	179.4
16080	8.8	200.4	55	179.7
16090	9.6	198.6	57	179.9
16100	9.4	196.8	59	179.9
16110	8.5	195.0	60	179.9
16120	6.9	193.3	62	179.9
16130	7.1	191.5	64	179.9
16140	7.6	189.7	66	179.7

16150	8.9	187.9	68	179.9
16160	11.0	186.1	69	179.7
16170	11.9	184.3	71	179.9
16180	11.8	182.5	73	179.9
16190	9.9	180.7	75	179.9
16200	8.4	178.9	77	179.7
16210	8.7	177.1	78	179.9
16220	9.2	175.3	80	179.7
16230	10.7	173.5	82	179.7
16240	11.4	171.7	84	179.7
16250	11.0	169.9	86	179.7
16260	11.1	168.1	87	179.7
16270	10.8	166.3	89	179.9
16280	11.4	164.5	91	179.9
16290	11.9	162.7	93	179.9
16300	13.2	160.9	95	179.7
16310	14.2	159.1	96	179.9
16320	14.2	157.3	98	179.9
16330	14.4	155.5	100	179.9
16340	14.1	153.7	102	179.9
16350	13.8	151.9	104	179.7
16360	13.7	150.1	105	179.7
16370	13.2	148.3	107	179.9
16380	12.6	146.5	109	179.7
16390	12.3	144.7	111	179.7
16400	12.6	142.9	113	179.7
16410	13.2	141.1	114	179.7
16420	13.3	139.3	116	179.9
16430	13.3	137.5	118	179.7
16440	13.2	135.7	120	179.7
16450	13.2	133.9	122	179.7
16460	13.3	132.1	123	179.7
16470	13.2	130.3	125	179.9
16480	13.0	128.5	127	179.7
16490	12.2	126.7	129	179.7
16500	11.4	124.9	131	179.7
16510	10.7	123.1	132	179.7
16520	9.6	121.3	134	179.4
16530	8.5	119.5	136	179.4
16540	7.9	117.7	138	179.7
16550	7.3	115.9	140	179.4
16560	6.8	114.1	141	179.4
16570	5.7	112.3	143	179.1
16580	4.3	110.5	145	179.4
16590	2.8	108.8	147	179.1
16600	2.2	107.0	148	179.4
16610	1.9	105.2	150	179.1
16620	1.8	103.4	152	179.1
16630	1.8	101.6	154	178.6
16640	1.6	99.8	156	178.1
16650	1.5	98.0	157	177.8
16660	1.4	96.2	159	177.5
16670	0.7	94.5	161	175.7
16680	-4.5	92.7	163	174.3

16690	-10.3	91.0	164	172.2
16700	-11.1	89.3	166	167.9
16710	-7.1	87.7	168	164.2
16720	-3.4	86.0	169	161.8
16730	-3.5	84.4	171	160.2
16740	-6.8	82.9	173	157.8
16750	-11.4	81.3	174	154.4
16760	-13.4	79.9	176	134.7
16770	-5.6	78.5	177	114.7
16780	2.3	77.4	178	103.2
16790	15.3	76.5	179	74.0
16800	28.5	75.8	180	66.2
16810	24.5	75.3	180	47.1
16820	6.1	74.9	181	40.4
16830	-1.6	74.5	181	30.8
16840	-12.7	74.3	181	25.2
16850	-23.7	74.1	181	15.1
16860	-25.8	74.0	181	6.9
16870	-18.3	74.0	181	1.0
16880	-12.9	74.0	181	-0.5
16890	-13.2	74.0	181	-3.4
16900	-20.7	74.1	181	-6.3
16910	-28.6	74.2	181	-11.1
16920	-31.3	74.4	181	-17.8
16930	-28.5	74.6	181	-25.2
16940	-24.1	75.0	180	-32.7
16950	-23.7	75.4	180	-38.0
16960	-29.7	75.8	180	-44.9
16970	-38.0	76.4	179	-52.1
16980	-43.1	77.1	178	-75.6
16990	-41.9	77.9	178	-88.6
17000	-35.4	78.7	177	-100.8
17010	-28.1	79.7	176	-111.5
17020	-24.3	80.8	175	-119.8
17030	-24.8	81.9	174	-115.5
17040	-27.7	83.2	172	-122.7
17050	-29.6	84.4	171	-129.9
17060	-28.1	85.8	170	-138.4
17070	-26.2	87.2	168	-145.6
17080	-25.0	88.8	167	-153.0
17090	-26.6	90.3	165	-159.7
17100	-28.7	92.0	163	-166.9
17110	-29.2	93.7	162	-174.3
17120	-30.2	95.5	160	-176.2
17130	-33.0	97.2	158	-176.5
17140	-35.1	99.0	156	-176.7
17150	-35.1	100.8	155	-176.7
17160	-34.4	102.5	153	-177.0
17170	-33.8	104.3	151	-176.7
17180	-34.4	106.1	149	-176.7
17190	-35.8	107.8	148	-177.0
17200	-36.3	109.6	146	-177.0
17210	-34.8	111.4	144	-177.0
17220	-32.7	113.2	142	-176.7

17230	-30.8	114.9	141	-176.5
17240	-29.7	116.7	139	-176.2
17250	-30.1	118.4	137	-176.5
17260	-31.5	120.2	135	-176.7
17270	-33.2	122.0	133	-176.7
17280	-35.0	123.7	132	-176.7
17290	-35.7	125.5	130	-177.3
17300	-34.8	127.3	128	-177.3
17310	-32.7	129.1	126	-177.0
17320	-31.3	130.8	125	-176.7
17330	-31.3	132.6	123	-176.5
17340	-32.7	134.4	121	-176.7
17350	-33.8	136.1	119	-176.7
17360	-34.3	137.9	118	-176.7
17370	-34.0	139.7	116	-176.7
17380	-33.8	141.4	114	-176.7
17390	-33.6	143.2	112	-176.7
17400	-33.6	145.0	110	-177.0
17410	-32.8	146.7	109	-176.7
17420	-32.4	148.5	107	-176.7
17430	-33.0	150.3	105	-176.7
17440	-34.0	152.0	103	-177.0
17450	-34.4	153.8	102	-177.0
17460	-33.6	155.6	100	-177.3
17470	-31.9	157.3	98	-176.7
17480	-31.1	159.1	96	-176.2
17490	-31.3	160.9	95	-176.5
17500	-32.1	162.6	93	-176.7
17510	-32.3	164.4	91	-176.7
17520	-31.9	166.2	89	-176.7
17530	-31.1	167.9	88	-176.5
17540	-30.8	169.7	86	-175.9
17550	-30.0	171.5	84	-176.2
17560	-28.9	173.2	82	-176.2
17570	-27.5	175.0	80	-175.9
17580	-26.8	176.8	79	-176.2
17590	-26.3	178.5	77	-176.2
17600	-26.6	180.3	75	-176.2
17610	-26.0	182.0	73	-176.2
17620	-25.2	183.8	72	-175.9
17630	-24.3	185.6	70	-175.9
17640	-23.3	187.3	68	-175.7
17650	-22.1	189.1	66	-175.9
17660	-20.9	190.8	65	-175.4
17670	-20.1	192.6	63	-175.4
17680	-19.5	194.3	61	-175.1
17690	-19.7	196.1	59	-175.4
17700	-19.9	197.9	58	-175.4
17710	-19.0	199.6	56	-175.4
17720	-17.5	201.4	54	-175.4
17730	-16.5	203.1	52	-175.4
17740	-15.9	204.9	51	-174.9
17750	-15.1	206.6	49	-174.9
17760	-13.8	208.4	47	-175.1

17770	-12.7	210.1	45	-174.9
17780	-11.8	211.9	44	-174.6
17790	-11.5	213.6	42	-174.9
17800	-12.3	215.4	40	-174.9
17810	-12.7	217.1	38	-174.9
17820	-12.3	218.9	37	-174.9
17830	-11.1	220.6	35	-174.9
17840	-10.0	222.4	33	-174.6
17850	-9.1	224.1	31	-174.3
17860	-8.3	225.8	30	-174.1
17870	-8.8	227.6	28	-174.3
17880	0.0	229.3	26	-173.8
17890	8.8	231.1	24	-172.2
17900	20.2	232.8	23	-168.5
17910	12.6	234.4	21	-163.7
17920	-2.7	236.0	19	-161.0
17930	-2.6	237.6	18	-161.5
17940	-4.7	239.2	16	-161.3
17950	-10.0	240.9	15	-162.6
17960	-10.2	242.5	13	-165.5
17970	-1.9	244.2	11	-167.4
17980	-1.1	245.9	10	-167.7
17990	-0.3	247.5	8	-166.9
18000	7.7	249.2	6	-165.0
18010	12.5	250.8	5	-161.5
18020	9.5	252.4	3	-157.0
18030	3.9	253.9	2	-153.8
18040	0.0	255.5	0	-152.2
18050	0.4	257.0	-2	-151.4
18060	3.9	258.5	-3	-150.4
18070	8.5	260.0	-5	-147.7
18080	3.1	261.2	-6	-126.4
18090	-2.4	262.3	-7	-90.7
18100	-17.0	263.2	-8	-81.7
18110	-36.3	263.9	-8	-59.3
18120	-38.4	264.4	-9	-52.9
18130	-22.9	264.9	-9	-37.0
18140	-0.5	265.2	-10	-34.0
18150	2.0	265.5	-10	-23.9
18160	17.9	265.7	-10	-15.4
18170	29.8	265.8	-10	-7.1
18180	28.6	265.8	-10	1.5
18190	19.1	265.7	-10	5.5
18200	11.1	265.6	-10	11.7
18210	7.7	265.5	-10	13.8
18220	11.4	265.4	-10	14.3
18230	19.3	265.2	-10	17.5
18240	26.2	265.0	-10	22.0
18250	28.2	264.7	-9	31.6
18260	25.1	264.3	-9	42.8
18270	20.7	263.8	-8	50.0
18280	19.3	263.3	-8	56.1
18290	21.2	262.8	-7	61.7
18300	25.0	262.2	-7	68.1

18310	26.7	261.5	-6	75.6
18320	25.5	260.8	-5	83.8
18330	21.6	259.9	-4	91.3
18340	17.5	259.1	-4	88.9
18350	16.1	258.1	-3	93.9
18360	17.5	257.2	-2	98.2
18370	20.2	256.1	-1	103.2
18380	22.4	255.1	0	109.1
18390	21.6	253.9	2	115.0
18400	18.0	252.7	3	120.8
18410	14.9	251.5	4	125.6
18420	13.8	250.2	5	129.3
18430	15.1	248.9	7	132.8
18440	16.4	247.5	8	136.8
18450	17.5	246.1	9	141.0
18460	17.1	244.7	11	145.6
18470	15.5	243.2	12	149.6
18480	13.7	241.7	14	153.8
18490	12.6	240.1	15	157.0
18500	11.9	238.5	17	160.2
18510	11.8	236.9	19	162.9
18520	11.9	235.2	20	165.3
18530	11.8	233.6	22	168.5
18540	11.5	231.9	24	170.9
18550	10.7	230.1	25	173.5
18560	9.4	228.4	27	175.9
18570	8.7	226.6	29	177.8
18580	9.5	224.8	31	179.1
18590	11.7	223.0	32	179.4
18600	13.0	221.2	34	179.7
18610	12.9	219.4	36	179.7
18620	11.5	217.6	38	179.4
18630	9.5	215.8	40	179.4
18640	8.8	214.0	41	179.4
18650	8.7	212.2	43	179.4
18660	8.9	210.5	45	179.4
18670	9.5	208.7	47	179.7
18680	9.4	206.9	49	179.7
18690	8.3	205.1	50	179.7
18700	6.8	203.3	52	179.4
18710	5.7	201.5	54	179.4
18720	5.7	199.7	56	179.4
18730	6.4	197.9	58	179.7
18740	7.6	196.1	59	179.7
18750	9.1	194.3	61	179.7
18760	9.2	192.5	63	179.7
18770	8.1	190.7	65	179.9
18780	6.8	188.9	67	179.9
18790	6.9	187.1	68	179.7
18800	7.6	185.3	70	179.7
18810	9.9	183.5	72	179.7
18820	12.1	181.7	74	179.9
18830	12.3	179.9	76	179.9
18840	12.6	178.1	77	179.9

18850	12.7	176.3	79	179.9
18860	11.9	174.5	81	179.9
18870	10.8	172.7	83	179.9
18880	9.1	170.9	85	179.9
18890	8.4	169.1	86	179.7
18900	8.0	167.3	88	179.7
18910	8.0	165.5	90	179.7
18920	8.4	163.7	92	179.7
18930	8.9	161.9	94	179.7
18940	10.2	160.1	95	179.9
18950	10.8	158.3	97	179.9
18960	11.1	156.5	99	179.9
18970	11.3	154.7	101	179.9
18980	11.5	152.9	103	179.9
18990	12.3	151.1	104	179.9
19000	12.5	149.3	106	179.9
19010	12.5	147.5	108	179.9
19020	12.2	145.7	110	179.9
19030	12.2	143.9	112	179.7
19040	12.7	142.1	113	179.7
19050	12.9	140.4	115	179.7
19060	12.5	138.6	117	179.9
19070	12.1	136.8	119	179.9
19080	11.8	135.0	120	179.9
19090	11.8	133.2	122	179.9
19100	11.4	131.4	124	179.4
19110	10.8	129.6	126	179.7
19120	10.0	127.8	128	179.7
19130	9.1	126.0	129	179.7
19140	8.1	124.2	131	179.7
19150	7.6	122.4	133	179.4
19160	6.2	120.6	135	179.4
19170	5.0	118.8	137	179.4
19180	4.1	117.0	138	179.4
19190	3.1	115.2	140	179.4
19200	2.3	113.4	142	179.4
19210	1.8	111.6	144	179.1
19220	1.5	109.8	146	178.9
19230	1.5	108.0	147	178.6
19240	1.4	106.3	149	178.1
19250	1.2	104.5	151	177.5
19260	0.1	102.7	153	176.2
19270	-4.6	101.0	154	174.3
19280	-8.4	99.2	156	171.9
19290	-7.3	97.5	158	168.5
19300	-3.5	95.9	160	166.1
19310	-1.4	94.2	161	164.5
19320	-2.6	92.6	163	163.4
19330	-6.2	91.0	164	161.3
19340	-9.6	89.4	166	158.4
19350	-11.3	87.8	168	154.6
19360	-11.7	86.3	169	150.4
19370	-11.9	84.8	171	146.4
19380	-12.7	83.4	172	141.8

19390	-14.4	82.0	173	137.3
19400	-17.1	80.7	175	131.7
19410	-20.3	79.5	176	111.2
19420	-17.5	78.4	177	103.0
19430	-10.7	77.5	178	76.4
19440	-7.1	76.8	179	70.8
19450	-9.4	76.2	179	51.9
19460	-17.0	75.7	180	46.8
19470	-25.2	75.2	180	40.4
19480	-29.3	75.0	180	28.4
19490	-27.3	74.7	181	22.3
19500	-22.1	74.6	181	14.3
19510	-18.3	74.5	181	7.7
19520	-17.8	74.5	181	1.5
19530	-22.0	74.5	181	-0.5
19540	-27.9	74.5	181	-5.8
19550	-29.7	74.6	181	-12.5
19560	-26.8	74.8	181	-19.7
19570	-22.0	75.1	180	-26.0
19580	-19.9	75.4	180	-31.4
19590	-22.9	75.8	180	-36.7
19600	-29.4	76.3	179	-51.9
19610	-34.3	76.8	179	-55.3
19620	-34.4	77.4	178	-58.0
19630	-30.2	78.1	177	-66.5
19640	-25.5	78.9	177	-73.7
19650	-23.9	79.8	176	-79.8
19660	-27.0	80.8	175	-95.3
19670	-31.6	81.8	174	-103.0
19680	-33.4	82.9	173	-112.3
19690	-31.3	84.1	171	-121.1
19700	-27.5	85.4	170	-129.9
19710	-26.6	86.7	169	-137.6
19720	-28.9	88.2	167	-145.0
19730	-32.4	89.7	166	-152.8
19740	-33.2	91.3	164	-162.1
19750	-31.5	93.0	162	-170.9
19760	-27.9	94.7	161	-176.2
19770	-30.1	96.5	159	-176.2
19780	-35.5	98.2	157	-176.5
19790	-39.9	100.0	155	-177.3
19800	-40.3	101.8	154	-178.1
19810	-37.0	103.6	152	-178.1
19820	-32.8	105.4	150	-178.3
19830	-30.9	107.1	148	-178.6
19840	-30.2	108.9	147	-178.9
19850	-30.5	110.7	145	-179.1
19860	-30.8	112.5	143	-179.4
19870	-30.8	114.3	141	-179.1
19880	-30.2	116.1	139	-179.1
19890	-29.2	117.9	138	-179.4
19900	-27.7	119.7	136	-179.1
19910	-26.8	121.5	134	-179.1
19920	-27.4	123.3	132	-179.7

19930	-28.5	125.1	130	-179.7
19940	-29.2	126.9	129	-179.7
19950	-28.5	128.7	127	-179.7
19960	-27.1	130.5	125	-179.4
19970	-26.2	132.2	123	-179.1
19980	-27.0	134.0	121	-179.4
19990	-27.8	135.8	120	-179.4
20000	-28.6	137.6	118	-179.7
20010	-29.2	139.4	116	-179.9
20020	-29.8	141.2	114	-179.9
20030	-31.1	143.0	112	-179.7
20040	-31.7	144.8	111	-179.9
20050	-31.1	146.6	109	-179.9
20060	-30.1	148.4	107	-179.4
20070	-30.1	150.2	105	-179.9
20080	-30.9	152.0	103	-179.9
20090	-31.6	153.8	102	-179.7
20100	-31.6	155.6	100	-179.9
20110	-30.4	157.4	98	-179.9
20120	-29.6	159.2	96	-179.4
20130	-29.7	161.0	94	-179.7
20140	-30.0	162.8	93	-179.9
20150	-30.2	164.6	91	-179.7
20160	-30.0	166.4	89	-179.4
20170	-29.6	168.2	87	-179.4
20180	-29.3	170.0	85	-179.4
20190	-28.5	171.8	84	-179.7
20200	-27.7	173.6	82	-179.7
20210	-27.1	175.4	80	-179.7
20220	-27.0	177.2	78	-179.4
20230	-27.4	179.0	76	-179.7
20240	-27.1	180.8	75	-179.7
20250	-26.6	182.6	73	-179.7
20260	-25.5	184.4	71	-179.4
20270	-24.8	186.2	69	-179.7
20280	-24.5	187.9	68	-179.1
20290	-23.5	189.7	66	-179.4
20300	-22.1	191.5	64	-179.1
20310	-20.6	193.3	62	-179.1
20320	-19.9	195.1	60	-179.7
20330	-20.1	196.9	59	-179.4
20340	-19.9	198.7	57	-179.4
20350	-18.8	200.5	55	-179.7
20360	-17.5	202.3	53	-179.4
20370	-16.1	204.1	51	-179.1
20380	-14.6	205.9	50	-179.7
20390	-12.7	207.7	48	-179.4
20400	-11.4	209.5	46	-179.1
20410	-10.3	211.3	44	-179.4
20420	-10.8	213.1	42	-179.4
20430	-12.2	214.9	41	-179.4
20440	-13.0	216.6	39	-179.7
20450	-12.2	218.4	37	-179.7
20460	-10.2	220.2	35	-179.4

20470	-8.4	222.0	33	-179.4
20480	-7.7	223.8	32	-179.4
20490	-6.9	225.6	30	-179.4
20500	-8.8	227.4	28	-179.4
20510	-1.8	229.2	26	-179.4
20520	-1.5	231.0	24	-178.9
20530	-1.4	232.8	23	-178.6
20540	-2.2	234.6	21	-178.6
20550	-1.6	236.4	19	-178.1
20560	-2.2	238.1	17	-177.8
20570	-2.2	239.9	16	-173.8
20580	-2.0	241.6	14	-171.7
20590	-2.7	243.3	12	-171.9
20600	-4.5	245.0	10	-171.7
20610	-5.8	246.8	9	-171.9
20620	-2.6	248.5	7	-172.7
20630	-1.5	250.2	5	-172.7
20640	-1.5	251.9	4	-172.2
20650	-0.8	253.7	2	-171.9
20660	5.7	255.4	0	-170.6
20670	13.4	257.1	-2	-167.4
20680	13.7	258.7	-3	-162.6
20690	8.1	260.2	-5	-141.8
20700	-3.0	261.6	-6	-141.6
20710	-23.2	262.7	-7	-101.4
20720	-51.4	263.6	-8	-88.6
20730	-53.0	264.2	-9	-64.1
20740	-38.5	264.8	-9	-54.0
20750	-12.2	265.1	-10	-36.7
20760	0.7	265.4	-10	-26.8
20770	20.1	265.7	-10	-21.0
20780	38.5	265.8	-10	-10.3
20790	38.6	265.8	-10	0.0
20800	27.4	265.8	-10	3.4
20810	16.1	265.7	-10	9.3
20820	9.2	265.6	-10	12.7
20830	10.7	265.4	-10	18.1
20840	15.5	265.2	-10	19.4
20850	22.9	265.0	-10	22.0
20860	26.3	264.7	-9	27.9
20870	25.0	264.3	-9	34.8
20880	21.7	263.9	-8	41.7
20890	20.1	263.4	-8	46.5
20900	21.7	262.8	-7	51.6
20910	25.5	262.2	-7	57.2
20920	28.1	261.5	-6	63.3
20930	27.7	260.8	-5	70.2
20940	24.4	259.9	-4	76.6
20950	20.5	259.0	-4	91.5
20960	18.2	258.0	-3	97.1
20970	18.4	257.0	-2	102.2
20980	21.0	256.0	-1	107.5
20990	22.6	254.8	1	113.4
21000	22.0	253.7	2	119.2

21010	19.0	252.4	3	125.3
21020	15.9	251.1	4	130.4
21030	14.6	249.8	6	134.7
21040	14.8	248.4	7	138.4
21050	15.9	247.0	8	142.1
21060	17.4	245.6	10	146.1
21070	16.8	244.1	11	150.6
21080	14.9	242.5	13	154.6
21090	13.0	240.9	15	158.4
21100	11.1	239.3	16	161.0
21110	10.4	237.7	18	163.7
21120	10.3	236.1	19	166.3
21130	9.8	234.4	21	168.2
21140	10.6	232.7	23	170.6
21150	6.8	231.0	24	173.0
21160	0.8	229.2	26	173.8
21170	1.5	227.5	28	173.3
21180	1.6	225.7	30	173.0
21190	1.9	224.0	31	172.5
21200	4.2	222.3	33	172.2
21210	14.5	220.6	35	173.8
21220	20.5	218.8	37	177.5
21230	17.6	217.0	38	179.7
21240	10.3	215.2	40	179.4
21250	3.4	213.4	42	178.9
21260	1.2	211.6	44	178.9
21270	1.8	209.8	46	178.6
21280	2.2	208.1	47	178.3
21290	4.6	206.3	49	178.3
21300	9.5	204.5	51	179.1
21310	10.8	202.7	53	179.9
21320	9.8	200.9	55	179.9
21330	6.6	199.1	56	179.9
21340	3.4	197.3	58	179.4
21350	2.7	195.5	60	179.7
21360	3.9	193.7	62	179.7
21370	6.1	191.9	64	179.4
21380	8.7	190.1	65	179.9
21390	9.2	188.3	67	179.7
21400	9.1	186.5	69	179.9
21410	8.0	184.7	71	179.7
21420	7.7	182.9	73	179.7
21430	7.5	181.1	74	179.9
21440	7.6	179.3	76	179.9
21450	9.4	177.5	78	179.9
21460	10.8	175.7	80	180.2
21470	11.5	173.9	82	179.9
21480	11.3	172.1	83	179.9
21490	9.9	170.3	85	179.9
21500	9.8	168.5	87	179.9
21510	9.9	166.7	89	179.7
21520	11.4	164.9	91	179.9
21530	13.0	163.1	92	179.9
21540	14.5	161.3	94	179.9

21550	15.1	159.5	96	179.9
21560	14.4	157.7	98	179.9
21570	12.9	155.9	100	179.9
21580	12.5	154.1	101	179.7
21590	12.9	152.3	103	179.7
21600	13.7	150.5	105	179.7
21610	14.0	148.7	107	179.9
21620	13.7	146.9	109	179.9
21630	12.5	145.1	110	179.9
21640	11.5	143.3	112	179.9
21650	11.4	141.5	114	179.7
21660	11.9	139.7	116	179.7
21670	13.2	137.9	118	179.9
21680	14.0	136.1	119	179.9
21690	14.2	134.3	121	179.9
21700	14.0	132.5	123	179.9
21710	12.9	130.7	125	179.7
21720	12.1	128.9	127	179.7
21730	11.4	127.2	128	179.7
21740	10.7	125.4	130	179.9
21750	10.7	123.6	132	179.7
21760	10.4	121.8	134	179.7
21770	9.5	120.0	135	179.7
21780	8.7	118.2	137	179.4
21790	8.1	116.4	139	179.4
21800	7.6	114.6	141	179.1
21810	6.4	112.8	143	179.4
21820	5.3	111.0	144	179.4
21830	3.9	109.2	146	179.4
21840	3.1	107.4	148	179.1
21850	2.8	105.6	150	179.4
21860	2.2	103.8	152	179.4
21870	1.8	102.0	153	179.1
21880	1.6	100.2	155	179.1
21890	1.5	98.4	157	178.6
21900	1.6	96.7	159	178.3
21910	1.4	94.9	161	177.8
21920	0.7	93.1	162	177.3
21930	-3.5	91.4	164	174.9
21940	-8.4	89.6	166	172.5
21950	-8.7	87.9	168	169.0
21960	-5.6	86.3	169	165.8
21970	-3.0	84.6	171	163.7
21980	-3.3	83.0	172	161.8
21990	-5.8	81.4	174	160.0
22000	-9.8	79.9	176	141.3
22010	-4.5	78.5	177	120.5
22020	2.4	77.3	178	106.4
22030	16.4	76.4	179	75.3
22040	31.5	75.7	180	66.5
22050	25.4	75.2	180	56.9
22060	6.5	74.8	181	39.1
22070	-2.6	74.4	181	29.5
22080	-19.5	74.2	181	22.6

22090	-29.8	74.1	181	11.7
22100	-31.7	74.0	181	1.3
22110	-23.5	74.1	181	-3.7
22120	-18.0	74.1	181	-10.3
22130	-19.5	74.3	181	-15.7
22140	-30.5	74.5	181	-21.5
22150	-40.8	74.7	181	-30.8
22160	-43.9	75.1	180	-42.8
22170	-38.4	75.6	180	-55.3
22180	-30.4	76.1	179	-66.2
22190	-27.5	76.8	179	-75.6
22200	-32.8	77.5	178	-76.4
22210	-42.3	78.3	177	-76.9
22220	-47.9	79.3	176	-88.9
22230	-44.3	80.4	175	-110.7
22240	-33.5	81.6	174	-122.7
22250	-23.3	82.9	173	-131.7
22260	-20.3	84.3	171	-138.1
22270	-25.2	85.7	170	-144.0
22280	-32.4	87.2	168	-150.9
22290	-36.2	88.8	167	-160.2
22300	-33.8	90.4	165	-170.1
22310	-28.6	92.2	163	-176.2
22320	-29.6	94.0	161	-176.5
22330	-37.3	95.7	160	-176.5
22340	-44.7	97.5	158	-177.8
22350	-46.8	99.3	156	-178.6
22360	-42.0	101.1	154	-178.9
22370	-33.8	102.9	153	-178.3
22380	-27.3	104.6	151	-178.3
22390	-25.5	106.4	149	-178.3
22400	-28.1	108.2	147	-178.9
22410	-31.5	110.0	145	-179.4
22420	-33.0	111.8	144	-179.4
22430	-31.5	113.6	142	-179.4
22440	-27.5	115.4	140	-179.1
22450	-22.6	117.2	138	-178.9
22460	-19.3	119.0	136	-179.1
22470	-17.9	120.8	135	-178.9
22480	-18.6	122.5	133	-179.4
22490	-20.5	124.3	131	-179.4
22500	-21.8	126.1	129	-179.9
22510	-21.4	127.9	128	-179.9
22520	-19.1	129.7	126	-179.7
22530	-17.2	131.5	124	-179.4
22540	-16.7	133.3	122	-179.4
22550	-16.7	135.1	120	-179.4
22560	-16.3	136.9	119	-179.7
22570	-15.3	138.7	117	-179.7
22580	-14.0	140.5	115	-179.4
22590	-13.3	142.3	113	-179.4
22600	-13.8	144.1	111	-179.4
22610	-14.2	145.9	110	-179.1
22620	-14.6	147.7	108	-179.7

22630	-15.1	149.5	106	-179.4
22640	-16.4	151.3	104	-179.7
22650	-17.5	153.1	102	-179.7
22660	-17.1	154.9	101	-180.2
22670	-15.5	156.7	99	-179.7
22680	-13.6	158.5	97	-179.4
22690	-13.4	160.3	95	-179.7
22700	-15.2	162.1	93	-179.7
22710	-16.4	163.8	92	-179.7
22720	-16.8	165.6	90	-180.2
22730	-16.3	167.4	88	-179.7
22740	-15.6	169.2	86	-179.4
22750	-15.1	171.0	84	-179.9
22760	-14.8	172.8	83	-179.7
22770	-14.5	174.6	81	-179.7
22780	-14.9	176.4	79	-179.7
22790	-15.1	178.2	77	-179.7
22800	-15.5	180.0	75	-179.7
22810	-15.2	181.8	74	-179.7
22820	-14.4	183.6	72	-179.7
22830	-13.8	185.4	70	-179.7
22840	-13.4	187.2	68	-179.7
22850	-12.7	189.0	66	-179.4
22860	-11.9	190.8	65	-179.4
22870	-11.5	192.6	63	-179.4
22880	-11.7	194.4	61	-179.4
22890	-12.5	196.2	59	-179.4
22900	-13.2	198.0	57	-179.7
22910	-12.2	199.8	56	-179.7
22920	-10.4	201.6	54	-179.4
22930	-9.4	203.4	52	-179.7
22940	-8.8	205.2	50	-179.4
22950	-8.3	207.0	48	-179.4
22960	-7.3	208.8	47	-179.4
22970	-6.5	210.6	45	-179.7
22980	-6.1	212.3	43	-179.4
22990	-6.8	214.1	41	-179.7
23000	-7.2	215.9	40	-179.4
23010	-6.9	217.7	38	-179.7
23020	-5.4	219.5	36	-179.4
23030	-3.9	221.3	34	-179.4
23040	-3.0	223.1	32	-179.1
23050	-2.6	224.9	31	-179.4
23060	-2.2	226.7	29	-179.4
23070	-1.9	228.5	27	-179.1
23080	-1.5	230.3	25	-178.9
23090	-1.9	232.1	23	-178.6
23100	-1.6	233.9	22	-178.3
23110	-1.9	235.6	20	-177.8
23120	-1.6	237.4	18	-177.5
23130	-1.9	239.1	16	-171.7
23140	-1.8	240.9	15	-171.1
23150	-1.6	242.6	13	-171.4
23160	-0.7	244.3	11	-170.6

23170	4.5	246.0	9	-169.5
23180	10.3	247.7	8	-166.6
23190	11.4	249.3	6	-162.6
23200	8.4	250.9	5	-158.9
23210	5.7	252.5	3	-155.7
23220	5.6	254.0	1	-153.3
23230	7.6	255.5	0	-150.6
23240	10.7	257.0	-2	-147.2
23250	13.8	258.4	-3	-143.2
23260	15.5	259.8	-4	-137.9
23270	10.2	261.0	-6	-119.5
23280	-3.0	262.0	-7	-87.8
23290	-1.8	262.9	-7	-86.5
23300	-3.7	263.6	-8	-64.6
23310	-6.5	264.1	-9	-47.1
23320	0.1	264.6	-9	-45.7
23330	0.8	264.9	-9	-33.8
23340	14.0	265.2	-10	-23.9
23350	37.4	265.4	-10	-18.9
23360	45.8	265.5	-10	-5.8
23370	40.7	265.5	-10	2.3
23380	29.2	265.4	-10	9.8
23390	16.8	265.2	-10	16.5
23400	11.5	265.0	-10	20.4
23410	14.6	264.8	-9	23.6
23420	22.4	264.5	-9	27.4
23430	29.2	264.1	-9	33.2
23440	31.2	263.7	-8	40.4
23450	27.9	263.2	-8	48.4
23460	22.9	262.6	-7	67.0
23470	20.9	261.9	-6	74.2
23480	22.6	261.2	-6	80.6
23490	26.3	260.4	-5	87.3
23500	28.7	259.5	-4	95.3
23510	27.4	258.6	-3	94.5
23520	22.6	257.6	-2	101.9
23530	17.9	256.6	-1	108.0
23540	16.4	255.4	0	113.1
23550	18.4	254.3	1	117.4
23560	21.4	253.1	2	122.7
23570	23.6	251.8	4	128.5
23580	22.9	250.5	5	134.9
23590	19.3	249.1	6	140.5
23600	15.6	247.6	8	145.3
23610	13.3	246.1	9	149.6
23620	14.2	244.6	11	152.8
23630	16.7	243.1	12	156.5
23640	18.4	241.5	14	161.0
23650	18.2	239.8	16	165.5
23660	15.9	238.1	17	170.3
23670	13.8	236.4	19	173.8
23680	12.3	234.6	21	177.3
23690	13.4	232.8	23	179.4
23700	16.8	231.0	24	179.7

23710	19.7	229.2	26	179.7
23720	20.9	227.4	28	179.9
23730	19.9	225.6	30	179.9
23740	17.1	223.8	32	179.9
23750	14.4	222.0	33	179.4
23760	13.0	220.3	35	179.4
23770	13.4	218.5	37	179.4
23780	14.4	216.7	39	179.4
23790	15.3	214.9	41	179.7
23800	15.3	213.1	42	179.7
23810	12.7	211.3	44	179.7
23820	9.5	209.5	46	179.4
23830	7.2	207.7	48	179.1
23840	6.6	205.9	50	179.1
23850	8.5	204.1	51	179.4
23860	10.8	202.3	53	179.7
23870	12.5	200.5	55	179.9
23880	11.7	198.7	57	179.9
23890	9.6	196.9	59	179.9
23900	8.4	195.1	60	179.4
23910	7.2	193.3	62	179.7
23920	7.6	191.5	64	179.4
23930	8.4	189.7	66	179.4
23940	9.6	187.9	68	179.7
23950	10.8	186.1	69	179.7
23960	11.0	184.3	71	179.7
23970	9.9	182.5	73	179.7
23980	7.5	180.7	75	179.4
23990	5.8	178.9	77	179.4
24000	6.4	177.2	78	179.4
24010	8.1	175.4	80	179.7
24020	10.0	173.6	82	179.4
24030	10.7	171.8	84	179.9
24040	9.9	170.0	85	179.7
24050	9.4	168.2	87	179.4
24060	8.3	166.4	89	179.9
24070	8.1	164.6	91	179.4
24080	8.5	162.8	93	179.4
24090	9.8	161.0	94	179.7
24100	11.1	159.2	96	179.9
24110	11.1	157.4	98	179.9
24120	11.3	155.6	100	179.9
24130	11.0	153.8	102	179.7
24140	10.8	152.0	103	179.7
24150	10.6	150.2	105	179.7
24160	10.3	148.4	107	180.2
24170	9.9	146.6	109	179.7
24180	9.4	144.8	111	179.7
24190	9.4	143.0	112	179.9
24200	9.4	141.2	114	179.7
24210	8.8	139.4	116	179.7
24220	8.4	137.6	118	179.9
24230	7.9	135.8	120	179.9
24240	8.5	134.0	121	179.7

24250	8.9	132.2	123	179.7
24260	8.9	130.4	125	179.9
24270	8.8	128.6	127	179.7
24280	7.5	126.8	129	179.7
24290	6.5	125.0	130	179.7
24300	6.1	123.2	132	179.4
24310	5.7	121.4	134	179.4
24320	5.3	119.6	136	179.4
24330	5.0	117.8	138	179.7
24340	4.5	116.0	139	179.7
24350	3.9	114.2	141	179.4
24360	2.8	112.5	143	179.4
24370	1.9	110.7	145	179.4
24380	1.6	108.9	147	178.9
24390	1.6	107.1	148	178.9
24400	1.5	105.3	150	178.3
24410	1.4	103.5	152	178.1
24420	1.2	101.7	154	177.8
24430	-0.4	100.0	155	175.7
24440	-4.9	98.2	157	174.1
24450	-6.4	96.5	159	171.4
24460	-5.2	94.8	161	168.7
24470	-3.1	93.1	162	166.3
24480	-2.8	91.5	164	164.7
24490	-4.5	89.9	166	162.9
24500	-7.5	88.2	167	160.2
24510	-10.4	86.7	169	157.0
24520	-11.4	85.1	170	153.0
24530	-11.0	83.6	172	149.0
24540	-9.4	82.2	173	145.3
24550	-9.1	80.7	175	141.8
24560	-9.5	79.4	176	124.0
24570	-2.7	78.2	177	122.9
24580	1.8	77.3	178	91.5
24590	3.4	76.5	179	80.3
24600	8.5	75.9	180	59.9
24610	6.1	75.3	180	47.9
24620	-1.2	74.9	181	34.3
24630	-1.5	74.6	181	30.6
24640	-14.2	74.4	181	25.2
24650	-25.1	74.2	181	14.1
24660	-27.9	74.1	181	8.2
24670	-20.5	74.1	181	-0.2
24680	-13.7	74.1	181	-2.6
24690	-11.4	74.2	181	-6.6
24700	-17.8	74.2	181	-10.1
24710	-26.8	74.4	181	-15.4
24720	-32.0	74.5	181	-21.2
24730	-31.3	74.8	181	-26.3
24740	-26.7	75.2	180	-34.0
24750	-24.0	75.6	180	-40.4
24760	-27.1	76.1	179	-47.3
24770	-34.6	76.7	179	-53.7
24780	-41.2	77.4	178	-76.4

24790	-41.5	78.2	177	-88.6
24800	-35.1	79.1	176	-100.6
24810	-26.7	80.0	175	-111.2
24820	-22.6	81.1	174	-108.3
24830	-24.5	82.2	173	-115.0
24840	-30.1	83.4	172	-121.9
24850	-33.5	84.7	171	-130.4
24860	-31.6	86.1	169	-139.5
24870	-26.4	87.6	168	-148.0
24880	-22.5	89.1	166	-154.9
24890	-22.6	90.7	165	-161.3
24900	-25.5	92.3	163	-167.1
24910	-27.9	94.1	161	-174.1
24920	-29.7	95.8	160	-176.2
24930	-32.0	97.6	158	-176.5
24940	-33.4	99.4	156	-176.7
24950	-32.7	101.1	154	-176.7
24960	-32.4	102.9	153	-176.5
24970	-32.7	104.7	151	-176.7
24980	-33.6	106.4	149	-176.7
24990	-34.6	108.2	147	-176.7
25000	-33.5	110.0	145	-177.3
25010	-31.2	111.7	144	-176.7
25020	-28.5	113.5	142	-176.2
25030	-26.8	115.3	140	-176.2
25040	-26.7	117.0	138	-176.2
25050	-27.5	118.8	137	-176.2
25060	-29.0	120.6	135	-176.2
25070	-30.0	122.3	133	-176.5
25080	-30.5	124.1	131	-176.5
25090	-30.1	125.8	130	-176.5
25100	-28.6	127.6	128	-176.2
25110	-26.7	129.4	126	-176.5
25120	-25.5	131.1	124	-176.2
25130	-26.0	132.9	123	-176.2
25140	-27.1	134.7	121	-176.2
25150	-27.8	136.4	119	-176.5
25160	-27.7	138.2	117	-176.2
25170	-26.7	139.9	116	-176.2
25180	-25.9	141.7	114	-176.2
25190	-26.2	143.5	112	-176.2
25200	-26.2	145.2	110	-176.2
25210	-25.4	147.0	108	-176.2
25220	-25.0	148.8	107	-175.9
25230	-25.4	150.5	105	-175.9
25240	-25.9	152.3	103	-176.2
25250	-25.8	154.0	101	-176.2
25260	-25.1	155.8	100	-176.2
25270	-23.7	157.6	98	-175.9
25280	-23.5	159.3	96	-175.7
25290	-24.3	161.1	94	-175.9
25300	-25.5	162.8	93	-176.2
25310	-26.2	164.6	91	-176.2
25320	-26.0	166.4	89	-175.9

25330	-25.8	168.1	87	-175.9
25340	-25.8	169.9	86	-175.7
25350	-25.6	171.6	84	-175.9
25360	-25.5	173.4	82	-175.9
25370	-25.2	175.2	80	-175.7
25380	-25.6	176.9	79	-176.2
25390	-25.6	178.7	77	-176.2
25400	-25.5	180.4	75	-175.9
25410	-24.7	182.2	73	-175.9
25420	-24.0	184.0	71	-175.9
25430	-23.7	185.7	70	-175.9
25440	-23.7	187.5	68	-175.9
25450	-22.9	189.2	66	-175.9
25460	-21.7	191.0	64	-175.7
25470	-20.3	192.8	63	-175.7
25480	-19.8	194.5	61	-175.4
25490	-19.3	196.3	59	-175.1
25500	-19.3	198.0	57	-175.4
25510	-17.9	199.8	56	-175.7
25520	-16.5	201.5	54	-175.1
25530	-15.9	203.3	52	-175.1
25540	-15.2	205.0	50	-174.9
25550	-14.2	206.8	49	-175.1
25560	-13.0	208.5	47	-175.1
25570	-11.5	210.3	45	-174.9
25580	-10.2	212.0	43	-174.6
25590	-10.2	213.8	42	-174.6
25600	-11.0	215.5	40	-174.6
25610	-11.1	217.3	38	-174.6
25620	-10.7	219.0	36	-174.6
25630	-9.2	220.8	35	-174.3
25640	-7.7	222.5	33	-174.3
25650	-6.6	224.2	31	-174.3
25660	-5.6	226.0	29	-174.1
25670	-6.8	227.7	28	-174.1
25680	-1.4	229.5	26	-174.1
25690	-2.0	231.2	24	-173.3
25700	-1.5	232.9	23	-173.0
25710	-1.9	234.7	21	-172.7
25720	-1.5	236.4	19	-172.5
25730	-0.9	238.1	17	-171.9
25740	0.5	239.8	16	-171.1
25750	2.8	241.5	14	-169.8
25760	3.1	243.2	12	-168.2
25770	2.3	244.9	11	-166.3
25780	1.8	246.5	9	-165.0
25790	2.6	248.2	7	-163.9
25800	4.2	249.8	6	-161.8
25810	6.1	251.4	4	-159.7
25820	7.9	253.0	2	-156.8
25830	8.9	254.5	1	-153.6
25840	9.5	256.0	-1	-150.4
25850	10.6	257.5	-2	-146.4
25860	11.8	259.0	-4	-142.6

25870	12.3	260.3	-5	-136.3
25880	2.6	261.5	-6	-112.0
25890	-2.4	262.5	-7	-100.3
25900	-9.8	263.2	-8	-74.2
25910	-21.7	263.8	-8	-60.6
25920	-19.7	264.4	-9	-43.6
25930	-4.7	264.8	-9	-41.7
25940	0.9	265.1	-10	-30.0
25950	13.8	265.3	-10	-21.2
25960	35.8	265.5	-10	-16.5
25970	42.0	265.6	-10	-4.2
25980	36.3	265.6	-10	2.3
25990	27.0	265.5	-10	9.3
26000	17.2	265.3	-10	18.9
26010	14.2	265.1	-10	23.9
26020	18.2	264.9	-9	28.2
26030	25.2	264.6	-9	34.0
26040	30.4	264.2	-9	41.7
26050	31.5	263.8	-8	51.1
26060	28.1	263.3	-8	55.1
26070	23.9	262.7	-7	56.4
26080	22.6	262.0	-7	62.5
26090	24.8	261.2	-6	67.8
26100	27.9	260.4	-5	74.0
26110	29.3	259.5	-4	89.9
26120	27.0	258.5	-3	98.2
26130	22.1	257.5	-2	105.6
26140	18.4	256.4	-1	111.5
26150	17.6	255.2	0	116.8
26160	19.0	254.0	1	121.3
26170	20.5	252.8	3	126.4
26180	20.7	251.5	4	131.7
26190	19.7	250.1	5	137.6
26200	16.4	248.7	7	142.4
26210	14.5	247.3	8	146.6
26220	14.1	245.8	10	150.1
26230	15.7	244.2	11	153.8
26240	17.4	242.7	13	157.8
26250	17.6	241.1	14	162.1
26260	16.3	239.4	16	166.6
26270	14.1	237.7	18	170.6
26280	12.6	236.0	19	173.8
26290	12.2	234.2	21	177.0
26300	13.2	232.4	23	179.4
26310	15.9	230.6	25	179.7
26320	18.0	228.8	27	179.7
26330	18.6	227.0	28	179.9
26340	16.8	225.2	30	179.4
26350	14.2	223.4	32	179.7
26360	11.4	221.6	34	179.4
26370	9.5	219.8	36	179.4
26380	8.8	218.0	37	179.4
26390	8.1	216.3	39	179.4
26400	8.4	214.5	41	179.4

26410	9.1	212.7	43	179.7
26420	9.1	210.9	45	179.4
26430	8.8	209.1	46	179.7
26440	7.5	207.3	48	179.7
26450	5.6	205.5	50	179.1
26460	3.8	203.7	52	179.7
26470	3.1	201.9	54	179.1
26480	3.5	200.1	55	179.4
26490	4.6	198.3	57	179.7
26500	6.2	196.5	59	179.4
26510	7.3	194.7	61	179.9
26520	6.4	192.9	63	179.7
26530	4.3	191.1	64	179.7
26540	2.3	189.3	66	179.7
26550	2.2	187.5	68	179.1
26560	2.8	185.7	70	179.1
26570	4.7	184.0	71	179.4
26580	5.8	182.2	73	179.7
26590	5.4	180.4	75	179.7
26600	4.7	178.6	77	179.7
26610	4.7	176.8	79	179.9
26620	4.9	175.0	80	179.7
26630	6.0	173.2	82	179.7
26640	6.9	171.4	84	179.9
26650	8.0	169.6	86	179.9
26660	8.9	167.8	88	179.9
26670	9.6	166.0	89	179.9
26680	9.9	164.2	91	180.2
26690	10.2	162.4	93	179.9
26700	11.0	160.6	95	179.9
26710	11.1	158.8	97	180.2
26720	10.7	157.0	98	179.9
26730	10.8	155.2	100	179.9
26740	11.4	153.4	102	179.9
26750	11.9	151.6	104	179.7
26760	11.8	149.8	106	179.9
26770	11.5	148.0	107	179.9
26780	11.0	146.2	109	179.7
26790	11.0	144.4	111	179.7
26800	11.5	142.6	113	179.9
26810	11.8	140.8	115	179.7
26820	11.8	139.0	116	179.9
26830	11.7	137.2	118	179.9
26840	11.4	135.4	120	179.7
26850	11.4	133.6	122	179.9
26860	10.7	131.8	124	179.7
26870	9.8	130.0	125	179.7
26880	9.4	128.2	127	179.7
26890	8.3	126.4	129	179.7
26900	7.9	124.6	131	179.7
26910	7.6	122.8	133	179.4
26920	7.1	121.0	134	179.4
26930	6.4	119.2	136	179.7
26940	5.8	117.4	138	179.7

26950	5.2	115.6	140	179.7
26960	4.6	113.8	142	179.7
26970	3.7	112.0	143	179.4
26980	2.8	110.2	145	179.1
26990	2.0	108.4	147	179.1
27000	1.8	106.6	149	179.1
27010	1.6	104.9	151	178.9
27020	1.5	103.1	152	178.3
27030	1.5	101.3	154	178.1
27040	1.4	99.5	156	177.5
27050	1.2	97.7	158	175.9
27060	-0.7	96.0	159	174.9
27070	-5.8	94.3	161	173.3
27080	-8.9	92.5	163	170.6
27090	-8.0	90.9	165	166.9
27100	-5.2	89.2	166	164.2
27110	-4.6	87.6	168	161.8
27120	-7.5	86.0	169	159.4
27130	-12.5	84.4	171	156.0
27140	-15.2	82.9	173	151.2
27150	-15.3	81.4	174	145.8
27160	-13.4	80.0	175	140.8
27170	-6.4	78.8	177	111.5
27180	1.8	77.7	178	111.0
27190	5.3	76.8	179	81.7
27200	15.3	76.1	179	72.6
27210	12.2	75.6	180	53.5
27220	1.5	75.1	180	42.5
27230	-1.4	74.8	181	33.2
27240	-11.0	74.5	181	22.8
27250	-25.5	74.3	181	18.1
27260	-30.0	74.2	181	9.0
27270	-22.9	74.1	181	2.6
27280	-14.9	74.1	181	-1.5
27290	-12.6	74.2	181	-4.5
27300	-18.6	74.2	181	-7.9
27310	-26.6	74.3	181	-12.2
27320	-31.1	74.5	181	-19.1
27330	-30.0	74.8	181	-24.7
27340	-25.4	75.1	180	-31.9
27350	-22.8	75.5	180	-38.3
27360	-27.3	76.0	179	-54.0
27370	-35.0	76.5	179	-56.7
27380	-40.8	77.2	178	-60.1
27390	-41.4	77.9	178	-70.2
27400	-35.5	78.8	177	-80.1
27410	-27.9	79.7	176	-88.6
27420	-23.9	80.8	175	-105.9
27430	-25.6	81.9	174	-112.6
27440	-30.4	83.1	172	-120.0
27450	-33.5	84.4	171	-128.3
27460	-32.0	85.7	170	-137.9
27470	-28.6	87.2	168	-146.1
27480	-26.0	88.7	167	-154.1

27490	-26.7	90.3	165	-161.3
27500	-28.5	91.9	164	-168.2
27510	-29.7	93.7	162	-175.7
27520	-31.5	95.5	160	-176.5
27530	-34.4	97.2	158	-176.5
27540	-36.2	99.0	156	-177.0
27550	-35.7	100.8	155	-177.0
27560	-34.4	102.5	153	-177.0
27570	-33.8	104.3	151	-176.7
27580	-34.7	106.1	149	-177.0
27590	-36.1	107.8	148	-177.0
27600	-35.7	109.6	146	-177.3
27610	-33.4	111.4	144	-177.0
27620	-30.9	113.2	142	-176.5
27630	-29.0	114.9	141	-176.7
27640	-28.5	116.7	139	-176.2
27650	-29.6	118.4	137	-176.5
27660	-31.2	120.2	135	-176.5
27670	-32.3	122.0	133	-176.5
27680	-33.1	123.7	132	-176.7
27690	-32.8	125.5	130	-177.0
27700	-31.6	127.3	128	-176.7
27710	-29.0	129.0	126	-176.5
27720	-27.5	130.8	125	-176.5
27730	-27.7	132.6	123	-176.2
27740	-29.0	134.3	121	-176.2
27750	-29.8	136.1	119	-176.5
27760	-29.7	137.9	118	-176.5
27770	-29.0	139.6	116	-176.2
27780	-28.5	141.4	114	-176.5
27790	-28.5	143.2	112	-176.5
27800	-28.9	144.9	111	-176.5
27810	-28.2	146.7	109	-176.2
27820	-27.9	148.5	107	-175.9
27830	-28.1	150.2	105	-176.2
27840	-28.1	152.0	103	-176.5
27850	-27.8	153.7	102	-176.2
27860	-26.7	155.5	100	-176.5
27870	-25.1	157.3	98	-176.2
27880	-24.7	159.0	96	-175.7
27890	-25.9	160.8	95	-175.9
27900	-27.0	162.6	93	-176.2
27910	-27.3	164.3	91	-176.2
27920	-26.3	166.1	89	-176.2
27930	-24.8	167.8	88	-175.7
27940	-24.0	169.6	86	-175.4
27950	-23.5	171.4	84	-175.9
27960	-22.9	173.1	82	-175.9
27970	-22.8	174.9	81	-175.7
27980	-22.9	176.6	79	-175.9
27990	-22.4	178.4	77	-175.7
28000	-22.0	180.1	75	-175.7
28010	-20.9	181.9	74	-175.9
28020	-19.7	183.7	72	-175.4

28030	-19.1	185.4	70	-175.1
28040	-18.7	187.2	68	-175.1
28050	-18.0	188.9	67	-175.1
28060	-16.8	190.7	65	-175.4
28070	-15.6	192.4	63	-175.4
28080	-14.8	194.2	61	-174.9
28090	-14.6	195.9	60	-174.9
28100	-14.6	197.7	58	-175.1
28110	-14.4	199.4	56	-175.1
28120	-13.3	201.2	54	-174.9
28130	-12.9	202.9	53	-174.9
28140	-12.2	204.7	51	-174.6
28150	-11.1	206.4	49	-174.6
28160	-9.8	208.2	47	-174.6
28170	-8.0	209.9	46	-174.6
28180	-6.5	211.7	44	-174.1
28190	-6.6	213.4	42	-174.3
28200	-7.3	215.1	40	-174.3
28210	-8.0	216.9	39	-174.3
28220	-8.0	218.6	37	-174.6
28230	-6.6	220.4	35	-174.1
28240	-5.7	222.1	33	-174.1
28250	-5.3	223.9	32	-174.1
28260	-4.7	225.6	30	-173.8
28270	-3.8	227.3	28	-174.1
28280	-2.4	229.1	26	-174.1
28290	-2.2	230.8	25	-173.8
28300	-2.0	232.6	23	-173.5
28310	-2.0	234.3	21	-173.5
28320	-1.8	236.0	19	-173.0
28330	-1.5	237.8	18	-173.0
28340	-1.5	239.5	16	-172.2
28350	-1.4	241.2	14	-171.9
28360	4.5	242.9	13	-171.4
28370	15.3	244.6	11	-167.7
28380	19.0	246.2	9	-162.3
28390	15.3	247.8	8	-156.0
28400	8.9	249.3	6	-151.2
28410	4.9	250.8	5	-148.2
28420	7.1	252.3	3	-145.6
28430	13.6	253.7	2	-142.1
28440	20.7	255.1	0	-136.3
28450	23.6	256.4	-1	-129.1
28460	22.5	257.6	-2	-121.1
28470	19.1	258.8	-3	-114.4
28480	16.3	259.9	-4	-108.3
28490	11.9	260.8	-5	-92.9
28500	6.8	261.6	-6	-71.0
28510	6.4	262.4	-7	-74.2
28520	10.6	262.9	-7	-56.9
28530	16.5	263.4	-8	-42.5
28540	22.0	263.9	-8	-42.8
28550	24.4	264.2	-9	-31.6
28560	23.9	264.5	-9	-22.0

28570	21.0	264.7	-9	-19.9
28580	19.0	264.8	-9	-11.1
28590	17.9	264.9	-9	-7.9
28600	18.6	264.9	-9	-2.1
28610	21.3	264.9	-9	0.5
28620	25.1	264.9	-9	6.1
28630	25.4	264.8	-9	11.9
28640	23.3	264.6	-9	17.0
28650	20.9	264.4	-9	22.8
28660	19.8	264.1	-9	27.9
28670	21.2	263.7	-8	33.0
28680	23.6	263.3	-8	38.3
28690	25.5	262.8	-7	43.9
28700	25.5	262.3	-7	50.3
28710	23.7	261.7	-6	56.7
28720	22.2	261.0	-6	62.2
28730	22.5	260.3	-5	67.6
28740	24.7	259.4	-4	81.4
28750	26.4	258.6	-3	88.6
28760	26.3	257.6	-2	95.8
28770	24.1	256.6	-1	102.7
28780	21.8	255.5	0	109.6
28790	19.8	254.4	1	115.5
28800	19.0	253.2	2	120.8
28810	19.3	251.9	4	126.1
28820	20.2	250.6	5	131.5
28830	20.3	249.3	6	136.8
28840	19.1	247.9	8	141.8
28850	17.1	246.4	9	146.6
28860	15.5	244.9	11	151.4
28870	14.9	243.4	12	155.4
28880	15.3	241.8	14	159.2
28890	15.9	240.2	15	162.9
28900	14.9	238.5	17	166.9
28910	13.6	236.8	19	170.1
28920	11.5	235.1	20	173.3
28930	10.0	233.4	22	175.7
28940	10.0	231.6	24	178.1
28950	11.0	229.8	26	179.1
28960	12.3	228.0	27	179.4
28970	14.2	226.2	29	179.7
28980	14.5	224.4	31	179.7
28990	13.3	222.6	33	179.4
29000	11.1	220.8	35	179.7
29010	9.9	219.0	36	179.4
29020	9.1	217.2	38	179.4
29030	8.9	215.4	40	179.4
29040	9.8	213.6	42	179.4
29050	10.3	211.8	44	179.7
29060	10.3	210.0	45	179.7
29070	10.0	208.2	47	179.4
29080	9.5	206.4	49	179.7
29090	8.3	204.6	51	179.4
29100	6.5	202.9	53	179.4

29110	4.3	201.1	54	179.4
29120	2.2	199.3	56	179.4
29130	1.9	197.5	58	179.1
29140	3.4	195.7	60	179.1
29150	6.2	193.9	62	179.4
29160	8.4	192.1	63	179.7
29170	8.8	190.3	65	179.9
29180	8.0	188.5	67	179.9
29190	6.8	186.7	69	179.7
29200	5.8	184.9	71	179.4
29210	6.1	183.1	72	179.7
29220	6.4	181.3	74	179.9
29230	6.6	179.5	76	179.7
29240	8.3	177.7	78	179.9
29250	9.9	175.9	80	179.9
29260	10.6	174.1	81	179.9
29270	10.4	172.3	83	179.7
29280	8.9	170.5	85	179.9
29290	8.7	168.7	87	179.7
29300	8.5	166.9	89	179.9
29310	9.5	165.1	90	179.7
29320	9.9	163.3	92	179.7
29330	10.6	161.5	94	179.7
29340	11.3	159.7	96	179.9
29350	11.4	157.9	98	179.9
29360	11.1	156.1	99	179.9
29370	11.3	154.3	101	179.9
29380	12.1	152.5	103	179.9
29390	13.4	150.7	105	179.9
29400	14.1	148.9	107	180.2
29410	14.6	147.1	108	179.9
29420	14.4	145.3	110	179.9
29430	13.7	143.5	112	179.9
29440	13.7	141.7	114	179.9
29450	13.8	139.9	116	179.9
29460	14.0	138.1	117	179.9
29470	14.2	136.3	119	179.9
29480	14.1	134.5	121	179.9
29490	14.0	132.7	123	179.7
29500	13.2	130.9	125	179.7
29510	12.7	129.1	126	179.7
29520	12.6	127.3	128	179.7
29530	12.3	125.5	130	179.7
29540	12.5	123.7	132	179.7
29550	12.2	121.9	134	179.9
29560	11.1	120.1	135	179.7
29570	9.9	118.3	137	179.7
29580	9.2	116.5	139	179.4
29590	8.4	114.8	141	179.4
29600	7.3	113.0	142	179.4
29610	6.2	111.2	144	179.4
29620	5.2	109.4	146	179.4
29630	3.9	107.6	148	179.1
29640	3.4	105.8	150	179.7

29650	2.4	104.0	151	179.4
29660	1.8	102.2	153	179.4
29670	1.6	100.4	155	179.1
29680	1.5	98.6	157	178.6
29690	1.5	96.8	159	178.1
29700	1.2	95.1	160	178.1
29710	0.0	93.3	162	177.3
29720	-5.6	91.5	164	174.3
29730	-10.3	89.8	166	171.4
29740	-10.6	88.1	167	167.1
29750	-7.9	86.5	169	163.7
29760	-6.2	84.9	171	160.5
29770	-7.9	83.3	172	157.8
29780	-11.9	81.7	174	154.6
29790	-15.9	80.3	175	134.7
29800	-13.8	78.9	177	120.0
29810	-0.4	77.7	178	116.8
29820	2.0	76.8	179	86.7
29830	6.0	76.1	179	62.0
29840	9.6	75.5	180	55.6
29850	1.8	75.0	180	47.6
29860	-1.4	74.7	181	30.3
29870	-14.5	74.4	181	25.2
29880	-32.1	74.2	181	18.1
29890	-37.7	74.1	181	6.3
29900	-29.4	74.1	181	-1.8
29910	-19.8	74.2	181	-6.1
29920	-16.3	74.3	181	-10.6
29930	-22.9	74.4	181	-14.3
29940	-34.0	74.6	181	-19.7
29950	-40.8	74.9	181	-28.2
29960	-38.8	75.3	180	-37.5
29970	-31.2	75.8	180	-47.1
29980	-25.2	76.4	179	-54.5
29990	-26.7	77.0	178	-60.9
30000	-34.7	77.8	178	-67.6
30010	-43.4	78.6	177	-93.1
30020	-43.4	79.6	176	-105.9
30030	-36.1	80.6	175	-119.0
30040	-25.9	81.8	174	-117.6
30050	-20.6	83.0	172	-125.1
30060	-23.1	84.3	171	-130.4
30070	-30.2	85.7	170	-137.6
30080	-35.8	87.1	168	-145.8
30090	-35.8	88.6	167	-156.2
30100	-30.9	90.3	165	-165.3
30110	-25.8	92.0	163	-173.5
30120	-27.4	93.7	162	-176.2
30130	-35.9	95.5	160	-176.7
30140	-45.7	97.3	158	-177.8
30150	-48.4	99.1	156	-179.1
30160	-44.2	100.9	155	-179.1
30170	-37.4	102.7	153	-178.9
30180	-32.4	104.4	151	-178.9

30190	-32.4	106.2	149	-178.6
30200	-36.6	108.0	147	-179.4
30210	-40.5	109.8	146	-179.7
30220	-41.8	111.6	144	-179.9
30230	-39.6	113.4	142	-179.7
30240	-35.3	115.2	140	-179.4
30250	-31.6	117.0	138	-179.1
30260	-29.7	118.8	137	-179.1
30270	-30.4	120.6	135	-179.7
30280	-32.7	122.4	133	-179.7
30290	-35.3	124.2	131	-179.7
30300	-36.2	126.0	129	-179.9
30310	-34.4	127.8	128	-179.7
30320	-30.8	129.6	126	-179.7
30330	-27.9	131.4	124	-179.1
30340	-27.0	133.2	122	-179.4
30350	-27.7	135.0	120	-179.4
30360	-29.0	136.8	119	-179.7
30370	-30.0	138.5	117	-179.7
30380	-30.0	140.3	115	-179.4
30390	-29.4	142.1	113	-179.7
30400	-29.2	143.9	112	-179.7
30410	-28.2	145.7	110	-179.4
30420	-26.8	147.5	108	-179.4
30430	-26.4	149.3	106	-179.4
30440	-27.0	151.1	104	-179.4
30450	-27.7	152.9	103	-179.7
30460	-27.4	154.7	101	-179.9
30470	-26.0	156.5	99	-179.4
30480	-23.9	158.3	97	-179.1
30490	-23.1	160.1	95	-179.4
30500	-23.6	161.9	94	-179.4
30510	-24.1	163.7	92	-179.1
30520	-24.1	165.5	90	-179.7
30530	-23.7	167.3	88	-179.4
30540	-22.8	169.1	86	-179.4
30550	-22.1	170.9	85	-179.7
30560	-21.3	172.7	83	-179.1
30570	-20.7	174.5	81	-179.4
30580	-20.7	176.2	79	-179.4
30590	-20.6	178.0	77	-179.4
30600	-21.2	179.8	76	-179.4
30610	-21.4	181.6	74	-179.4
30620	-20.7	183.4	72	-179.7
30630	-19.9	185.2	70	-179.7
30640	-18.8	187.0	68	-179.7
30650	-17.4	188.8	67	-179.4
30660	-15.7	190.6	65	-179.1
30670	-14.9	192.4	63	-179.4
30680	-14.9	194.2	61	-179.1
30690	-15.3	196.0	59	-179.4
30700	-15.6	197.8	58	-179.7
30710	-15.1	199.6	56	-179.4
30720	-13.4	201.4	54	-179.4

30730	-12.1	203.2	52	-179.4
30740	-11.1	205.0	50	-179.4
30750	-10.2	206.8	49	-179.1
30760	-8.8	208.6	47	-179.4
30770	-7.6	210.3	45	-179.4
30780	-6.8	212.1	43	-179.4
30790	-6.5	213.9	42	-179.4
30800	-6.9	215.7	40	-179.7
30810	-6.6	217.5	38	-179.4
30820	-5.3	219.3	36	-179.7
30830	-3.8	221.1	34	-179.4
30840	-2.7	222.9	33	-179.1
30850	-2.0	224.7	31	-179.4
30860	-2.0	226.5	29	-179.1
30870	-1.9	228.3	27	-178.6
30880	-1.8	230.1	25	-178.6
30890	-1.9	231.9	24	-178.3
30900	-1.8	233.6	22	-178.1
30910	-1.8	235.4	20	-177.8
30920	-1.8	237.2	18	-174.6
30930	-1.6	238.9	17	-171.4
30940	-0.8	240.6	15	-171.1
30950	5.2	242.3	13	-169.8
30960	11.9	244.0	11	-166.3
30970	14.0	245.6	10	-161.8
30980	12.1	247.2	8	-157.3
30990	9.6	248.7	7	-153.3
31000	9.2	250.2	5	-149.6
31010	11.0	251.7	4	-145.8
31020	14.5	253.1	2	-141.8
31030	17.0	254.5	1	-136.3
31040	16.8	255.8	0	-130.7
31050	14.6	257.1	-2	-124.8
31060	12.3	258.3	-3	-120.3
31070	11.8	259.5	-4	-115.8
31080	11.3	260.5	-5	-95.0
31090	5.3	261.5	-6	-96.3
31100	2.0	262.2	-7	-74.8
31110	3.3	262.9	-7	-56.4
31120	8.9	263.5	-8	-57.5
31130	15.3	263.9	-8	-42.8
31140	20.7	264.3	-9	-30.8
31150	22.9	264.6	-9	-30.3
31160	22.1	264.8	-9	-21.5
31170	19.4	264.9	-9	-13.5
31180	16.8	265.1	-10	-10.1
31190	16.5	265.1	-10	-5.0
31200	18.0	265.1	-10	-0.5
31210	22.8	265.1	-10	0.7
31220	26.2	265.1	-10	7.9
31230	25.8	265.0	-10	14.9
31240	23.2	264.8	-9	23.1
31250	21.0	264.5	-9	30.3
31260	20.9	264.2	-9	37.0

31270	23.2	263.8	-8	43.3
31280	25.9	263.4	-8	50.8
31290	27.1	262.8	-7	58.3
31300	25.9	262.3	-7	66.5
31310	23.6	261.6	-6	74.5
31320	22.2	260.9	-5	81.7
31330	22.6	260.1	-5	88.3
31340	24.7	259.2	-4	87.5
31350	26.0	258.3	-3	93.4
31360	25.8	257.3	-2	100.8
31370	23.7	256.3	-1	107.8
31380	21.2	255.1	0	114.4
31390	19.3	253.9	2	120.0
31400	18.8	252.7	3	125.3
31410	19.7	251.4	4	130.1
31420	20.6	250.1	5	135.7
31430	19.9	248.7	7	140.8
31440	18.0	247.2	8	146.1
31450	15.7	245.7	10	150.6
31460	14.8	244.2	11	154.6
31470	15.2	242.6	13	158.1
31480	16.1	241.0	14	162.1
31490	16.4	239.4	16	166.1
31500	15.2	237.7	18	170.1
31510	13.6	235.9	20	174.1
31520	11.5	234.2	21	177.0
31530	11.3	232.4	23	179.4
31540	13.0	230.6	25	179.4
31550	15.6	228.8	27	179.7
31560	17.0	227.0	28	179.7
31570	16.5	225.2	30	179.7
31580	14.9	223.4	32	179.7
31590	12.2	221.6	34	179.4
31600	9.5	219.8	36	179.4
31610	8.3	218.0	37	179.4
31620	7.9	216.2	39	179.4
31630	8.4	214.4	41	179.4
31640	8.9	212.6	43	179.4
31650	8.4	210.8	45	179.7
31660	7.7	209.0	46	179.4
31670	6.5	207.3	48	179.4
31680	6.1	205.5	50	179.4
31690	5.3	203.7	52	179.4
31700	4.7	201.9	54	179.4
31710	3.5	200.1	55	179.4
31720	1.9	198.3	57	179.4
31730	1.5	196.5	59	178.9
31740	1.5	194.7	61	178.9
31750	1.5	192.9	63	178.3
31760	1.5	191.1	64	178.1
31770	1.6	189.4	66	177.5
31780	1.8	187.6	68	175.7
31790	1.9	185.8	70	175.7
31800	3.3	184.1	71	175.1

31810	7.1	182.3	73	175.9
31820	9.1	180.6	75	177.0
31830	7.9	178.8	77	178.9
31840	6.8	177.0	78	179.1
31850	5.7	175.2	80	179.1
31860	6.4	173.4	82	179.4
31870	8.0	171.6	84	179.4
31880	10.0	169.8	86	179.7
31890	11.5	168.0	87	179.7
31900	11.4	166.2	89	179.7
31910	10.3	164.4	91	179.9
31920	8.8	162.6	93	179.4
31930	8.0	160.8	95	179.7
31940	8.0	159.0	96	179.7
31950	8.1	157.2	98	179.7
31960	9.5	155.4	100	179.7
31970	10.4	153.6	102	179.7
31980	11.0	151.8	104	179.7
31990	11.3	150.0	105	179.7
32000	11.3	148.2	107	179.9
32010	11.0	146.4	109	179.9
32020	11.0	144.6	111	179.9
32030	11.3	142.8	113	179.9
32040	11.5	141.0	114	179.7
32050	11.3	139.2	116	179.9
32060	10.8	137.4	118	179.9
32070	10.2	135.6	120	179.7
32080	9.9	133.9	122	179.7
32090	9.5	132.1	123	179.7
32100	8.9	130.3	125	179.4
32110	8.4	128.5	127	179.7
32120	7.6	126.7	129	179.7
32130	6.6	124.9	131	179.7
32140	6.4	123.1	132	179.1
32150	5.7	121.3	134	179.4
32160	5.2	119.5	136	179.4
32170	4.6	117.7	138	179.7
32180	4.1	115.9	140	179.4
32190	3.4	114.1	141	179.7
32200	2.8	112.3	143	179.4
32210	1.9	110.5	145	179.4
32220	1.6	108.7	147	179.1
32230	1.5	106.9	149	178.9
32240	1.4	105.1	150	178.6
32250	1.2	103.4	152	178.3
32260	0.9	101.6	154	177.3
32270	-2.4	99.8	156	174.9
32280	-7.5	98.1	157	173.0
32290	-8.9	96.4	159	170.1
32300	-7.1	94.7	161	166.3
32310	-4.3	93.1	162	163.9
32320	-3.8	91.4	164	161.8
32330	-5.6	89.8	166	159.7
32340	-9.5	88.3	167	156.8

32350	-13.6	86.7	169	152.8
32360	-15.6	85.2	170	147.7
32370	-15.9	83.8	172	142.4
32380	-15.1	82.4	173	137.1
32390	-15.1	81.1	174	131.7
32400	-17.2	79.9	176	113.9
32410	-15.9	78.7	177	119.2
32420	-8.9	77.8	178	90.2
32430	-4.1	77.0	178	67.0
32440	-5.6	76.3	179	62.0
32450	-12.9	75.8	180	50.0
32460	-21.4	75.4	180	35.6
32470	-27.5	75.1	180	31.4
32480	-29.4	74.8	181	20.7
32490	-27.9	74.6	181	16.5
32500	-26.4	74.5	181	7.7
32510	-26.7	74.5	181	-1.0
32520	-30.5	74.6	181	-5.0
32530	-34.0	74.7	181	-14.1
32540	-34.4	74.9	181	-23.9
32550	-31.1	75.2	180	-34.3
32560	-27.0	75.5	180	-43.6
32570	-24.7	76.0	179	-51.9
32580	-26.2	76.5	179	-59.6
32590	-29.7	77.1	178	-61.4
32600	-33.1	77.8	178	-62.5
32610	-33.1	78.5	177	-70.5
32620	-29.6	79.4	176	-78.2
32630	-25.2	80.3	175	-85.4
32640	-22.6	81.3	174	-101.6
32650	-23.2	82.4	173	-108.3
32660	-25.2	83.5	172	-114.4
32670	-26.8	84.7	171	-121.3
32680	-26.0	86.0	169	-128.8
32690	-24.4	87.3	168	-135.7
32700	-23.6	88.8	167	-142.1
32710	-24.5	90.2	165	-148.8
32720	-24.8	91.8	164	-155.2
32730	-24.5	93.4	162	-162.1
32740	-23.3	95.0	160	-168.2
32750	-21.7	96.8	159	-174.3
32760	-22.4	98.5	157	-175.7
32770	-25.9	100.3	155	-175.7
32780	-30.0	102.0	153	-176.5
32790	-31.9	103.8	152	-176.5
32800	-31.9	105.6	150	-176.7
32810	-30.8	107.3	148	-176.7
32820	-29.7	109.1	146	-176.5
32830	-28.6	110.9	145	-176.5
32840	-27.7	112.6	143	-176.5
32850	-27.3	114.4	141	-176.2
32860	-27.1	116.2	139	-175.9
32870	-26.4	117.9	138	-176.2
32880	-25.8	119.7	136	-175.9

32890	-25.0	121.4	134	-175.9
32900	-25.9	123.2	132	-176.2
32910	-27.0	125.0	130	-175.9
32920	-27.7	126.7	129	-176.5
32930	-27.1	128.5	127	-176.2
32940	-25.5	130.2	125	-175.9
32950	-24.4	132.0	123	-175.9
32960	-24.3	133.8	122	-175.9
32970	-24.3	135.5	120	-175.7
32980	-24.5	137.3	118	-175.7
32990	-25.0	139.0	116	-176.2
33000	-25.5	140.8	115	-175.9
33010	-26.4	142.6	113	-176.2
33020	-27.3	144.3	111	-176.5
33030	-26.4	146.1	109	-176.2
33040	-25.0	147.9	108	-175.9
33050	-23.9	149.6	106	-175.9
33060	-24.4	151.4	104	-175.7
33070	-25.0	153.1	102	-175.9
33080	-25.5	154.9	101	-176.2
33090	-25.1	156.7	99	-175.9
33100	-24.4	158.4	97	-175.9
33110	-24.8	160.2	95	-176.2
33120	-25.8	161.9	94	-176.2
33130	-26.4	163.7	92	-176.2
33140	-26.7	165.5	90	-176.5
33150	-26.6	167.2	88	-175.9
33160	-26.6	169.0	86	-175.9
33170	-27.1	170.7	85	-176.2
33180	-27.1	172.5	83	-176.2
33190	-26.8	174.3	81	-176.2
33200	-26.2	176.0	79	-176.2
33210	-25.8	177.8	78	-175.9
33220	-25.5	179.6	76	-176.2
33230	-25.1	181.3	74	-176.2
33240	-24.7	183.1	72	-175.9
33250	-24.8	184.8	71	-175.7
33260	-24.4	186.6	69	-175.9
33270	-23.5	188.4	67	-175.9
33280	-21.2	190.1	65	-175.9
33290	-19.7	191.9	64	-175.7
33300	-18.4	193.6	62	-175.4
33310	-18.4	195.4	60	-175.4
33320	-19.3	197.1	58	-175.7
33330	-19.7	198.9	57	-175.4
33340	-18.8	200.6	55	-175.4
33350	-17.1	202.4	53	-175.4
33360	-15.9	204.2	51	-175.1
33370	-14.8	205.9	50	-175.1
33380	-13.2	207.7	48	-174.9
33390	-11.9	209.4	46	-174.9
33400	-10.6	211.2	44	-174.9
33410	-10.7	212.9	43	-174.9
33420	-11.5	214.6	41	-174.6

33430	-12.2	216.4	39	-174.9
33440	-11.3	218.1	37	-174.6
33450	-9.8	219.9	36	-174.3
33460	-8.5	221.6	34	-174.6
33470	-8.3	223.4	32	-174.1
33480	-8.4	225.1	30	-174.3
33490	-7.9	226.9	29	-174.3
33500	-7.1	228.6	27	-174.3
33510	-6.4	230.4	25	-174.1
33520	-5.7	232.1	23	-174.3
33530	-5.7	233.8	22	-174.1
33540	-5.2	235.6	20	-174.1
33550	-3.4	237.3	18	-174.3
33560	-1.9	239.1	16	-173.8
33570	-1.6	240.8	15	-173.5
33580	-1.5	242.5	13	-173.3
33590	-1.5	244.3	11	-173.0
33600	-1.6	246.0	9	-172.5
33610	-1.4	247.7	8	-172.2
33620	2.6	249.4	6	-171.4
33630	10.6	251.1	4	-169.3
33640	14.1	252.8	3	-164.7
33650	11.8	254.4	1	-159.7
33660	6.9	256.0	-1	-156.0
33670	4.7	257.5	-2	-153.0
33680	7.2	259.0	-4	-150.9
33690	11.8	260.5	-5	-158.6
33700	4.7	261.7	-6	-116.0
33710	-1.9	262.6	-7	-93.7
33720	-1.5	263.4	-8	-66.5
33730	-7.6	264.1	-9	-59.3
33740	-7.9	264.6	-9	-42.8
33750	1.1	265.0	-10	-40.1
33760	0.9	265.3	-10	-29.2
33770	18.0	265.5	-10	-19.4
33780	38.9	265.7	-10	-12.7
33790	45.4	265.7	-10	1.0
33800	39.7	265.6	-10	6.6
33810	26.7	265.5	-10	15.1
33820	16.8	265.3	-10	21.2
33830	16.0	265.0	-10	25.5
33840	22.1	264.7	-9	29.5
33850	29.7	264.3	-9	34.8
33860	34.0	263.9	-8	42.0
33870	32.7	263.3	-8	50.5
33880	27.4	262.7	-7	71.0
33890	22.8	262.0	-7	79.0
33900	21.8	261.2	-6	85.9
33910	24.1	260.4	-5	92.6
33920	28.2	259.5	-4	99.5
33930	29.7	258.5	-3	98.7
33940	26.3	257.5	-2	107.0
33950	21.2	256.3	-1	114.2
33960	17.5	255.1	0	120.0

33970	17.6	253.9	2	124.5
33980	21.3	252.6	3	129.6
33990	24.7	251.3	4	135.2
34000	25.4	249.9	6	141.8
34010	22.4	248.4	7	148.2
34020	16.5	246.9	9	153.8
34030	13.0	245.3	10	158.1
34040	12.9	243.7	12	161.3
34050	15.5	242.1	13	164.5
34060	17.8	240.4	15	168.2
34070	17.4	238.7	17	172.7
34080	14.6	236.9	19	176.7
34090	11.4	235.2	20	179.7
34100	10.7	233.4	22	179.4
34110	13.2	231.6	24	179.4
34120	16.1	229.8	26	179.7
34130	17.5	228.0	27	179.7
34140	17.1	226.2	29	179.7
34150	15.1	224.4	31	179.7
34160	12.3	222.6	33	179.7
34170	10.2	220.8	35	179.4
34180	9.4	219.0	36	179.4
34190	9.6	217.2	38	179.4
34200	10.3	215.4	40	179.4
34210	10.8	213.6	42	179.7
34220	9.6	211.8	44	179.7
34230	7.2	210.0	45	179.4
34240	5.4	208.2	47	179.4
34250	5.3	206.4	49	179.1
34260	6.5	204.6	51	179.4
34270	8.0	202.8	53	179.7
34280	8.3	201.0	54	179.7
34290	6.1	199.2	56	179.7
34300	3.5	197.4	58	179.4
34310	2.2	195.7	60	179.1
34320	2.6	193.9	62	179.4
34330	4.2	192.1	63	179.1
34340	6.6	190.3	65	179.7
34350	8.3	188.5	67	179.9
34360	8.4	186.7	69	179.9
34370	7.2	184.9	71	179.7
34380	6.1	183.1	72	179.7
34390	4.9	181.3	74	179.7
34400	4.5	179.5	76	179.9
34410	6.4	177.7	78	179.7
34420	8.8	175.9	80	179.9
34430	10.2	174.1	81	179.9
34440	9.9	172.3	83	179.9
34450	8.3	170.5	85	179.9
34460	7.7	168.7	87	179.7
34470	7.6	166.9	89	179.7
34480	8.9	165.1	90	179.7
34490	10.0	163.3	92	179.7
34500	11.0	161.5	94	179.9

34510	11.8	159.7	96	179.7
34520	11.8	157.9	98	179.9
34530	11.0	156.1	99	179.9
34540	10.7	154.3	101	179.9
34550	11.4	152.5	103	179.9
34560	12.1	150.7	105	180.2
34570	12.6	148.9	107	179.9
34580	12.7	147.1	108	179.9
34590	12.3	145.3	110	179.9
34600	11.7	143.5	112	179.9
34610	12.2	141.7	114	179.7
34620	12.6	139.9	116	179.9
34630	13.2	138.1	117	179.9
34640	13.2	136.3	119	179.9
34650	12.6	134.5	121	179.9
34660	12.7	132.7	123	179.7
34670	12.3	130.9	125	179.9
34680	11.9	129.1	126	179.4
34690	11.3	127.3	128	179.9
34700	10.3	125.5	130	179.9
34710	9.9	123.7	132	179.7
34720	8.8	121.9	134	179.7
34730	6.9	120.1	135	179.4
34740	5.7	118.3	137	179.4
34750	4.7	116.5	139	179.4
34760	3.9	114.8	141	179.4
34770	3.1	113.0	142	179.1
34780	2.4	111.2	144	179.1
34790	1.8	109.4	146	179.1
34800	1.6	107.6	148	179.1
34810	1.5	105.8	150	178.9
34820	1.4	104.0	151	178.1
34830	1.2	102.2	153	177.8
34840	-1.2	100.5	155	176.7
34850	-6.8	98.7	157	173.5
34860	-7.9	97.0	158	170.9
34870	-6.1	95.3	160	167.9
34880	-3.3	93.6	162	165.5
34890	-2.6	92.0	163	163.9
34900	-4.5	90.4	165	162.1
34910	-8.5	88.8	167	159.4
34920	-12.5	87.2	168	155.7
34930	-14.5	85.7	170	151.2
34940	-14.2	84.2	171	146.1
34950	-13.4	82.8	173	141.6
34960	-13.0	81.4	174	136.8
34970	-14.9	80.1	175	132.0
34980	-13.6	78.9	177	104.8
34990	-6.0	77.9	178	105.4
35000	-0.4	77.1	178	79.6
35010	-0.7	76.3	179	71.3
35020	-6.8	75.8	180	52.7
35030	-15.7	75.4	180	41.5
35040	-22.8	75.0	180	35.6

35050	-24.7	74.8	181	25.2
35060	-23.2	74.5	181	20.2
35070	-20.7	74.4	181	13.0
35080	-19.8	74.3	181	6.6
35090	-20.3	74.3	181	0.2
35100	-24.8	74.3	181	-2.6
35110	-28.3	74.4	181	-9.3
35120	-29.2	74.6	181	-18.9
35130	-27.5	74.8	181	-27.4
35140	-26.4	75.1	180	-35.6
35150	-27.9	75.5	180	-43.9
35160	-32.0	75.9	180	-47.3
35170	-36.3	76.5	179	-50.8
35180	-38.1	77.1	178	-73.4
35190	-36.1	77.9	178	-84.6
35200	-32.0	78.7	177	-95.3
35210	-29.0	79.7	176	-104.8
35220	-28.5	80.7	175	-113.4
35230	-29.8	81.8	174	-111.0
35240	-31.3	83.0	172	-119.8
35250	-31.2	84.2	171	-128.3
35260	-29.6	85.6	170	-136.8
35270	-28.2	87.0	168	-145.0
35280	-28.5	88.5	167	-153.0
35290	-30.0	90.1	165	-160.5
35300	-29.8	91.8	164	-168.7
35310	-28.3	93.5	162	-175.7
35320	-29.2	95.3	160	-175.9
35330	-32.8	97.0	158	-176.7
35340	-36.1	98.8	157	-177.0
35350	-36.6	100.6	155	-177.0
35360	-35.4	102.3	153	-177.3
35370	-33.4	104.1	151	-176.7
35380	-32.7	105.9	150	-176.7
35390	-33.4	107.6	148	-176.7
35400	-33.5	109.4	146	-177.0
35410	-31.9	111.2	144	-177.0
35420	-30.1	112.9	143	-176.7
35430	-28.5	114.7	141	-176.5
35440	-28.5	116.5	139	-176.2
35450	-28.7	118.2	137	-176.5
35460	-29.7	120.0	135	-176.5
35470	-29.8	121.8	134	-176.5
35480	-30.0	123.5	132	-176.5
35490	-29.7	125.3	130	-176.7
35500	-28.7	127.1	128	-176.5
35510	-27.3	128.8	127	-176.5
35520	-25.6	130.6	125	-176.2
35530	-25.4	132.4	123	-175.9
35540	-26.2	134.1	121	-176.2
35550	-26.7	135.9	120	-176.2
35560	-26.7	137.6	118	-175.9
35570	-26.3	139.4	116	-176.5
35580	-26.3	141.2	114	-176.2

35590	-27.0	142.9	113	-176.2
35600	-27.8	144.7	111	-176.2
35610	-27.5	146.5	109	-176.5
35620	-26.8	148.2	107	-176.2
35630	-26.4	150.0	105	-175.9
35640	-27.0	151.7	104	-176.2
35650	-27.4	153.5	102	-176.2
35660	-27.4	155.3	100	-176.5
35670	-26.7	157.0	98	-176.2
35680	-26.3	158.8	97	-175.7
35690	-27.0	160.6	95	-176.2
35700	-27.9	162.3	93	-176.2
35710	-27.9	164.1	91	-176.2
35720	-27.1	165.8	90	-176.5
35730	-26.0	167.6	88	-175.7
35740	-25.6	169.4	86	-175.9
35750	-25.4	171.1	84	-175.9
35760	-25.2	172.9	83	-175.7
35770	-24.8	174.6	81	-175.9
35780	-25.2	176.4	79	-176.2
35790	-25.1	178.2	77	-175.9
35800	-25.0	179.9	76	-176.2
35810	-24.4	181.7	74	-176.2
35820	-24.0	183.4	72	-175.7
35830	-24.0	185.2	70	-175.9
35840	-24.4	187.0	68	-175.7
35850	-23.9	188.7	67	-175.9
35860	-22.6	190.5	65	-175.9
35870	-21.7	192.2	63	-175.9
35880	-21.0	194.0	61	-175.7
35890	-21.3	195.8	60	-175.4
35900	-21.6	197.5	58	-175.9
35910	-21.7	199.3	56	-175.9
35920	-21.0	201.0	54	-175.7
35930	-20.1	202.8	53	-175.7
35940	-19.7	204.5	51	-175.4
35950	-18.7	206.3	49	-175.7
35960	-17.6	208.0	47	-175.4
35970	-16.4	209.8	46	-175.1
35980	-15.3	211.6	44	-175.1
35990	-16.0	213.3	42	-175.1
36000	-17.1	215.1	40	-175.1
36010	-17.4	216.8	39	-175.4
36020	-16.4	218.6	37	-175.1
36030	-14.2	220.3	35	-174.9
36040	-11.9	222.1	33	-174.9
36050	-11.0	223.8	32	-174.9
36060	-10.4	225.6	30	-174.6
36070	-12.3	227.3	28	-174.9
36080	-4.9	229.0	26	-174.3
36090	-1.4	230.8	25	-173.8
36100	-1.4	232.5	23	-173.5
36110	-2.2	234.3	21	-173.0
36120	-1.9	236.0	19	-172.7

36130	-2.3	237.7	18	-172.7
36140	-2.8	239.4	16	-172.5
36150	-6.2	241.2	14	-172.5
36160	-8.8	242.9	13	-173.8
36170	-6.5	244.6	11	-174.3
36180	-2.3	246.4	9	-174.1
36190	-1.4	248.1	7	-173.5
36200	-1.4	249.8	6	-173.3
36210	-1.1	251.6	4	-173.0
36220	5.6	253.3	2	-171.9
36230	12.1	255.0	0	-168.5
36240	12.5	256.6	-1	-164.2
36250	7.7	258.3	-3	-160.0
36260	3.5	259.8	-4	-141.6
36270	-2.7	261.2	-6	-123.2
36280	-5.0	262.4	-7	-107.5
36290	-27.5	263.3	-8	-76.6
36300	-38.9	264.0	-9	-68.1
36310	-33.8	264.6	-9	-47.6
36320	-13.8	265.0	-10	-39.9
36330	1.6	265.3	-10	-26.0
36340	15.9	265.6	-10	-24.2
36350	34.2	265.7	-10	-13.8
36360	35.3	265.8	-10	-3.9
36370	27.1	265.8	-10	1.5
36380	16.7	265.7	-10	6.6
36390	10.0	265.6	-10	10.9
36400	10.0	265.4	-10	17.0
36410	15.7	265.3	-10	18.3
36420	23.5	265.1	-10	21.2
36430	28.2	264.8	-9	27.6
36440	27.4	264.4	-9	34.6
36450	23.6	264.0	-9	41.5
36460	20.7	263.5	-8	47.1
36470	21.7	262.9	-7	64.1
36480	25.4	262.2	-7	70.5
36490	28.5	261.5	-6	78.0
36500	28.6	260.8	-5	86.7
36510	25.2	259.9	-4	95.0
36520	21.2	259.0	-4	93.1
36530	18.8	258.0	-3	99.0
36540	19.3	257.0	-2	104.3
36550	22.1	255.9	0	109.6
36560	24.4	254.8	1	116.0
36570	24.7	253.6	2	122.7
36580	21.8	252.3	3	129.6
36590	18.2	250.9	5	135.2
36600	15.5	249.6	6	140.0
36610	15.3	248.1	7	144.0
36620	16.5	246.7	9	148.0
36630	18.6	245.1	10	152.2
36640	19.3	243.6	12	157.0
36650	17.9	242.0	13	161.8
36660	15.1	240.3	15	166.3

36670	12.5	238.6	17	169.8
36680	11.5	236.9	19	172.7
36690	11.9	235.2	20	175.4
36700	12.2	233.4	22	178.1
36710	12.6	231.6	24	179.4
36720	13.4	229.8	26	179.4
36730	13.7	228.0	27	179.4
36740	13.3	226.2	29	179.4
36750	12.3	224.4	31	179.4
36760	11.0	222.6	33	179.4
36770	9.5	220.8	35	179.4
36780	8.3	219.0	36	179.1
36790	7.3	217.2	38	179.4
36800	6.6	215.4	40	179.4
36810	6.5	213.7	42	179.1
36820	5.7	211.9	44	179.4
36830	5.0	210.1	45	179.4
36840	4.6	208.3	47	179.4
36850	4.6	206.5	49	179.4
36860	5.0	204.7	51	179.4
36870	4.6	202.9	53	179.7
36880	3.5	201.1	54	179.4
36890	2.2	199.3	56	179.4
36900	2.0	197.5	58	179.1
36910	3.1	195.7	60	179.1
36920	6.1	193.9	62	179.1
36930	8.1	192.1	63	179.9
36940	8.4	190.3	65	179.9
36950	7.7	188.5	67	179.9
36960	6.9	186.7	69	179.9
36970	6.4	184.9	71	179.7
36980	6.9	183.1	72	179.9
36990	7.7	181.3	74	179.7
37000	8.0	179.5	76	179.9
37010	9.2	177.7	78	179.9
37020	10.6	175.9	80	179.9
37030	10.8	174.1	81	179.9
37040	10.7	172.3	83	179.9
37050	8.9	170.5	85	179.9
37060	8.4	168.7	87	179.7
37070	7.9	166.9	89	179.7
37080	8.8	165.1	90	179.7
37090	9.6	163.3	92	179.7
37100	10.3	161.5	94	179.9
37110	10.6	159.7	96	179.7
37120	10.2	157.9	98	179.9
37130	9.8	156.1	99	179.9
37140	10.0	154.4	101	179.7
37150	10.8	152.6	103	179.7
37160	11.7	150.8	105	179.9
37170	12.1	149.0	106	179.7
37180	12.7	147.2	108	179.9
37190	13.2	145.4	110	179.9
37200	12.9	143.6	112	179.9

37210	13.2	141.8	114	179.9
37220	12.7	140.0	115	179.7
37230	12.3	138.2	117	179.7
37240	12.2	136.4	119	179.9
37250	12.3	134.6	121	179.7
37260	12.9	132.8	123	179.7
37270	12.3	131.0	124	179.7
37280	11.7	129.2	126	179.7
37290	10.7	127.4	128	179.9
37300	9.6	125.6	130	179.7
37310	9.2	123.8	132	179.7
37320	8.9	122.0	133	179.7
37330	8.1	120.2	135	179.4
37340	7.6	118.4	137	179.7
37350	7.3	116.6	139	179.4
37360	6.9	114.8	141	179.4
37370	6.2	113.0	142	179.7
37380	5.3	111.2	144	179.4
37390	4.3	109.4	146	179.4
37400	3.7	107.6	148	179.4
37410	3.5	105.8	150	179.7
37420	2.8	104.0	151	179.7
37430	2.0	102.2	153	179.1
37440	1.8	100.4	155	179.1
37450	1.5	98.7	157	178.9
37460	1.4	96.9	159	178.6
37470	1.4	95.1	160	178.1
37480	0.9	93.3	162	177.5
37490	-3.1	91.5	164	175.4
37500	-8.1	89.8	166	173.0
37510	-8.8	88.1	167	169.5
37520	-6.0	86.4	169	166.3
37530	-3.3	84.8	171	163.9
37540	-3.4	83.2	172	162.3
37550	-5.8	81.6	174	160.5
37560	-8.8	80.0	175	155.4
37570	-4.2	78.6	177	138.7
37580	2.3	77.4	178	97.7
37590	17.9	76.5	179	86.2
37600	34.0	75.8	180	75.0
37610	33.1	75.2	180	53.7
37620	12.5	74.8	181	40.7
37630	-1.5	74.5	181	29.8
37640	-12.1	74.2	181	24.2
37650	-25.9	74.0	181	14.9
37660	-26.2	73.9	182	7.7
37670	-19.4	73.9	182	2.6
37680	-12.2	73.9	182	-0.5
37690	-12.2	73.9	182	-1.8
37700	-18.0	74.0	181	-5.3
37710	-23.3	74.0	181	-9.0
37720	-24.3	74.2	181	-13.8
37730	-21.7	74.4	181	-19.7
37740	-18.2	74.6	181	-24.7

37750	-18.6	74.9	181	-29.2
37760	-25.2	75.3	180	-41.7
37770	-34.2	75.7	180	-44.9
37780	-40.7	76.3	179	-49.5
37790	-41.2	76.9	179	-73.2
37800	-35.7	77.7	178	-85.4
37810	-28.9	78.5	177	-96.1
37820	-25.9	79.5	176	-104.8
37830	-27.5	80.5	175	-112.6
37840	-31.1	81.6	174	-109.6
37850	-32.4	82.7	173	-119.2
37860	-30.4	84.0	171	-127.7
37870	-26.6	85.3	170	-136.0
37880	-25.4	86.7	169	-143.2
37890	-27.5	88.2	167	-150.4
37900	-31.5	89.8	166	-157.6
37910	-31.7	91.4	164	-166.6
37920	-28.2	93.1	162	-174.6
37930	-26.2	94.9	161	-175.9
37940	-29.2	96.7	159	-176.2
37950	-34.2	98.4	157	-176.7
37960	-38.0	100.2	155	-177.0
37970	-39.1	102.0	153	-177.8
37980	-37.6	103.8	152	-178.3
37990	-36.2	105.6	150	-178.6
38000	-36.1	107.3	148	-178.9
38010	-36.2	109.1	146	-179.1
38020	-35.4	110.9	145	-179.1
38030	-34.3	112.7	143	-179.1
38040	-33.6	114.5	141	-179.1
38050	-33.5	116.3	139	-179.1
38060	-33.2	118.1	137	-179.7
38070	-33.2	119.9	136	-179.4
38080	-33.4	121.7	134	-179.4
38090	-33.6	123.5	132	-179.7
38100	-34.0	125.3	130	-179.7
38110	-33.9	127.1	128	-179.7
38120	-32.7	128.9	127	-179.4
38130	-30.9	130.7	125	-179.4
38140	-30.4	132.5	123	-179.4
38150	-30.9	134.3	121	-179.4
38160	-31.7	136.1	119	-179.7
38170	-32.5	137.8	118	-179.7
38180	-33.0	139.6	116	-179.7
38190	-33.1	141.4	114	-179.9
38200	-33.1	143.2	112	-179.9
38210	-32.8	145.0	110	-179.7
38220	-31.6	146.8	109	-179.7
38230	-30.9	148.6	107	-179.4
38240	-31.3	150.4	105	-179.4
38250	-32.4	152.2	103	-179.9
38260	-33.0	154.0	101	-179.7
38270	-32.8	155.8	100	-179.4
38280	-31.7	157.6	98	-179.7

38290	-31.2	159.4	96	-179.4
38300	-31.6	161.2	94	-179.7
38310	-32.1	163.0	92	-179.7
38320	-32.4	164.8	91	-179.7
38330	-32.3	166.6	89	-179.7
38340	-32.1	168.4	87	-179.7
38350	-31.7	170.2	85	-179.4
38360	-30.6	172.0	83	-179.7
38370	-29.7	173.8	82	-179.7
38380	-29.0	175.6	80	-179.1
38390	-28.9	177.4	78	-179.4
38400	-29.3	179.2	76	-179.7
38410	-29.6	181.0	74	-179.9
38420	-29.0	182.8	73	-179.7
38430	-28.6	184.6	71	-179.7
38440	-27.9	186.4	69	-179.7
38450	-26.6	188.2	67	-179.7
38460	-25.1	189.9	66	-179.7
38470	-23.2	191.7	64	-179.4
38480	-22.1	193.5	62	-179.1
38490	-21.7	195.3	60	-179.7
38500	-21.8	197.1	58	-179.7
38510	-21.7	198.9	57	-179.7
38520	-20.6	200.7	55	-179.4
38530	-19.4	202.5	53	-179.1
38540	-18.4	204.3	51	-179.1
38550	-17.4	206.1	49	-179.4
38560	-16.0	207.9	48	-179.4
38570	-14.4	209.7	46	-179.1
38580	-12.6	211.5	44	-179.1
38590	-12.5	213.3	42	-179.4
38600	-12.9	215.1	40	-179.4
38610	-13.4	216.9	39	-179.7
38620	-13.0	218.7	37	-179.7
38630	-11.4	220.4	35	-179.1
38640	-9.8	222.2	33	-179.1
38650	-8.9	224.0	31	-179.4
38660	-7.9	225.8	30	-179.1
38670	-9.5	227.6	28	-179.4
38680	-0.9	229.4	26	-178.9
38690	-1.2	231.2	24	-178.6
38700	3.5	233.0	22	-177.8
38710	4.2	234.7	21	-171.4
38720	-1.2	236.4	19	-168.2
38730	-2.4	238.1	17	-167.9
38740	-2.0	239.8	16	-167.9
38750	-2.0	241.4	14	-167.7
38760	-2.0	243.1	12	-167.7
38770	-1.6	244.8	11	-167.1
38780	-1.8	246.5	9	-166.9
38790	-1.5	248.1	7	-166.6
38800	-1.2	249.8	6	-166.3
38810	3.3	251.5	4	-165.3
38820	12.6	253.1	2	-162.9

38830	15.6	254.7	1	-157.8
38840	11.7	256.2	-1	-152.8
38850	5.6	257.7	-2	-148.8
38860	3.0	259.2	-4	-146.6
38870	2.0	260.6	-5	-128.0
38880	-2.6	261.8	-6	-101.1
38890	-3.5	262.7	-7	-90.2
38900	-19.0	263.5	-8	-79.8
38910	-22.6	264.1	-9	-59.1
38920	-12.6	264.6	-9	-50.5
38930	1.8	265.0	-10	-35.6
38940	4.3	265.3	-10	-25.0
38950	28.1	265.5	-10	-21.5
38960	36.6	265.6	-10	-9.3
38970	37.2	265.6	-10	1.8
38980	27.8	265.6	-10	6.3
38990	16.4	265.4	-10	15.9
39000	11.1	265.3	-10	21.5
39010	15.2	265.0	-10	25.2
39020	24.8	264.8	-9	30.3
39030	33.2	264.4	-9	37.8
39040	35.0	264.0	-9	47.9
39050	30.5	263.5	-8	52.7
39060	23.3	263.0	-8	54.8
39070	19.8	262.3	-7	73.7
39080	22.2	261.6	-6	79.6
39090	27.4	260.8	-5	86.5
39100	30.9	259.9	-4	94.5
39110	29.6	259.0	-4	94.5
39120	23.9	258.0	-3	102.7
39130	17.5	256.9	-1	109.1
39140	14.9	255.8	0	114.2
39150	17.2	254.6	1	118.2
39160	21.6	253.4	2	122.7
39170	23.9	252.1	3	128.8
39180	22.6	250.8	5	135.2
39190	18.4	249.4	6	141.3
39200	13.8	248.0	7	145.6
39210	11.4	246.5	9	149.0
39220	12.5	245.0	10	152.0
39230	15.7	243.4	12	155.2
39240	17.8	241.8	14	159.2
39250	17.0	240.2	15	163.4
39260	13.4	238.5	17	167.4
39270	10.0	236.8	19	170.6
39280	8.5	235.1	20	172.7
39290	9.2	233.4	22	174.6
39300	10.8	231.6	24	176.5
39310	11.7	229.8	26	178.9
39320	11.3	228.0	27	179.4
39330	10.7	226.3	29	179.7
39340	10.4	224.5	31	179.4
39350	9.8	222.7	33	179.4
39360	8.7	220.9	35	179.7

39370	7.6	219.1	36	179.4
39380	6.8	217.3	38	179.4
39390	6.4	215.5	40	179.1
39400	6.6	213.7	42	179.4
39410	6.4	211.9	44	179.4
39420	5.6	210.1	45	179.4
39430	5.0	208.3	47	179.4
39440	4.3	206.5	49	179.4
39450	3.3	204.7	51	179.4
39460	2.3	202.9	53	179.4
39470	1.9	201.1	54	179.4
39480	1.8	199.3	56	179.1
39490	1.8	197.6	58	178.9
39500	2.0	195.8	60	178.3
39510	2.3	194.0	61	178.3
39520	2.8	192.2	63	177.8
39530	3.0	190.4	65	178.3
39540	2.7	188.6	67	178.1
39550	2.0	186.9	69	178.1
39560	1.9	185.1	70	177.8
39570	2.2	183.3	72	177.8
39580	3.1	181.5	74	176.2
39590	4.1	179.8	76	175.9
39600	5.0	178.0	77	176.5
39610	5.4	176.2	79	177.0
39620	5.3	174.5	81	178.3
39630	4.6	172.7	83	179.1
39640	4.5	170.9	85	179.4
39650	5.8	169.1	86	179.4
39660	7.6	167.3	88	179.4
39670	8.8	165.5	90	179.4
39680	9.4	163.7	92	179.7
39690	9.2	161.9	94	179.9
39700	9.2	160.1	95	179.7
39710	8.7	158.3	97	179.9
39720	8.4	156.5	99	179.7
39730	8.9	154.7	101	179.4
39740	10.0	152.9	103	179.9
39750	11.1	151.1	104	179.9
39760	11.3	149.3	106	180.2
39770	10.8	147.5	108	179.9
39780	10.2	145.7	110	179.9
39790	9.6	143.9	112	179.7
39800	10.2	142.1	113	179.7
39810	10.7	140.3	115	179.7
39820	10.6	138.5	117	179.9
39830	10.4	136.7	119	179.7
39840	10.3	134.9	121	179.9
39850	9.8	133.1	122	179.7
39860	8.9	131.3	124	179.7
39870	8.1	129.5	126	179.7
39880	7.6	127.7	128	179.7
39890	6.9	125.9	130	179.7
39900	6.6	124.1	131	179.4

39910	6.1	122.4	133	179.7
39920	5.2	120.6	135	179.4
39930	3.7	118.8	137	179.4
39940	2.8	117.0	138	179.4
39950	2.2	115.2	140	179.4
39960	1.8	113.4	142	179.1
39970	1.6	111.6	144	178.9
39980	1.5	109.8	146	178.6
39990	1.5	108.0	147	178.1
40000	1.5	106.2	149	177.8
40010	1.2	104.5	151	176.5
40020	0.1	102.7	153	175.4
40030	-5.3	101.0	154	173.8
40040	-9.2	99.2	156	171.1
40050	-8.0	97.6	158	167.7
40060	-3.7	95.9	160	165.0
40070	-1.2	94.3	161	163.1
40080	-2.8	92.6	163	162.1
40090	-6.9	91.0	164	159.7
40100	-10.8	89.5	166	156.8
40110	-12.2	87.9	168	152.5
40120	-11.5	86.4	169	148.2
40130	-10.4	85.0	170	144.2
40140	-11.0	83.6	172	140.2
40150	-11.8	82.2	173	136.3
40160	-14.2	80.9	175	132.0
40170	-15.9	79.6	176	138.1
40180	-11.0	78.5	177	106.2
40190	-2.4	77.6	178	79.3
40200	1.1	76.8	179	73.4
40210	0.3	76.2	179	54.0
40220	-3.9	75.7	180	49.2
40230	-12.6	75.3	180	39.1
40240	-19.7	74.9	181	27.6
40250	-22.4	74.7	181	24.2
40260	-21.4	74.5	181	15.9
40270	-19.9	74.4	181	10.9
40280	-19.7	74.3	181	5.8
40290	-21.8	74.3	181	0.0
40300	-26.6	74.3	181	-2.6
40310	-29.0	74.4	181	-9.8
40320	-28.3	74.5	181	-19.4
40330	-25.6	74.7	181	-25.2
40340	-24.4	75.0	180	-29.0
40350	-26.8	75.4	180	-35.4
40360	-32.3	75.9	180	-51.3
40370	-36.1	76.4	179	-60.6
40380	-35.9	77.1	178	-72.6
40390	-32.7	77.8	178	-83.3
40400	-29.6	78.6	177	-92.9
40410	-28.1	79.5	176	-101.9
40420	-29.2	80.5	175	-110.2
40430	-30.6	81.6	174	-108.0
40440	-30.2	82.7	173	-117.1

40450	-28.2	84.0	171	-125.1
40460	-26.2	85.3	170	-132.8
40470	-26.2	86.7	169	-140.2
40480	-28.2	88.1	167	-147.4
40490	-30.1	89.6	166	-154.9
40500	-30.0	91.3	164	-163.4
40510	-27.7	92.9	163	-171.4
40520	-25.5	94.7	161	-175.7
40530	-28.5	96.5	159	-176.5
40540	-34.6	98.2	157	-176.7
40550	-38.4	100.0	155	-177.3
40560	-38.6	101.8	154	-177.8
40570	-36.1	103.6	152	-178.1
40580	-33.0	105.3	150	-178.3
40590	-32.0	107.1	148	-178.9
40600	-32.1	108.9	147	-178.9
40610	-32.3	110.7	145	-179.1
40620	-32.0	112.5	143	-179.4
40630	-31.5	114.3	141	-179.1
40640	-30.9	116.1	139	-179.1
40650	-30.0	117.9	138	-179.7
40660	-29.2	119.7	136	-179.4
40670	-28.7	121.5	134	-179.4
40680	-29.7	123.3	132	-179.7
40690	-31.1	125.1	130	-179.7
40700	-31.3	126.9	129	-179.7
40710	-30.0	128.7	127	-179.9
40720	-27.8	130.4	125	-179.1
40730	-26.3	132.2	123	-179.1
40740	-26.4	134.0	121	-179.4
40750	-26.7	135.8	120	-179.7
40760	-27.3	137.6	118	-179.4
40770	-27.5	139.4	116	-179.7
40780	-27.8	141.2	114	-179.4
40790	-28.3	143.0	112	-179.7
40800	-28.3	144.8	111	-179.9
40810	-27.1	146.6	109	-179.9
40820	-26.0	148.4	107	-179.7
40830	-26.4	150.2	105	-179.7
40840	-27.9	152.0	103	-179.7
40850	-28.7	153.8	102	-179.7
40860	-28.9	155.6	100	-179.7
40870	-28.1	157.4	98	-179.7
40880	-27.9	159.2	96	-179.7
40890	-28.9	161.0	94	-179.4
40900	-29.8	162.8	93	-180.2
40910	-30.4	164.6	91	-179.9
40920	-30.2	166.4	89	-179.9
40930	-30.0	168.2	87	-179.7
40940	-30.0	170.0	85	-179.4
40950	-29.3	171.8	84	-179.7
40960	-28.5	173.6	82	-179.7
40970	-27.5	175.4	80	-179.4
40980	-26.8	177.2	78	-179.7

40990	-26.6	179.0	76	-179.7
41000	-26.2	180.8	75	-179.4
41010	-25.6	182.5	73	-179.7
41020	-25.0	184.3	71	-179.4
41030	-25.0	186.1	69	-179.4
41040	-24.7	187.9	68	-179.1
41050	-23.6	189.7	66	-179.7
41060	-22.2	191.5	64	-179.4
41070	-20.9	193.3	62	-179.1
41080	-20.3	195.1	60	-179.7
41090	-20.6	196.9	59	-179.4
41100	-20.7	198.7	57	-179.4
41110	-19.9	200.5	55	-179.7
41120	-18.6	202.3	53	-179.4
41130	-17.2	204.1	51	-179.1
41140	-15.9	205.9	50	-179.4
41150	-14.1	207.7	48	-179.1
41160	-12.3	209.5	46	-179.1
41170	-10.6	211.3	44	-179.1
41180	-10.3	213.1	42	-179.4
41190	-10.8	214.8	41	-179.1
41200	-11.3	216.6	39	-179.7
41210	-10.4	218.4	37	-179.4
41220	-8.7	220.2	35	-179.1
41230	-7.3	222.0	33	-179.4
41240	-6.8	223.8	32	-179.4
41250	-6.4	225.6	30	-179.1
41260	-7.7	227.4	28	-179.7
41270	-1.9	229.2	26	-179.1
41280	-1.6	231.0	24	-178.9
41290	-1.8	232.8	23	-178.9
41300	-2.2	234.6	21	-178.6
41310	-1.8	236.4	19	-178.3
41320	-1.8	238.1	17	-178.1
41330	-1.8	239.9	16	-177.8
41340	-1.6	241.7	14	-175.1
41350	-1.6	243.4	12	-171.7
41360	-0.5	245.1	10	-171.1
41370	6.6	246.8	9	-169.5
41380	14.6	248.5	7	-165.5
41390	16.0	250.1	5	-160.2
41400	12.3	251.7	4	-155.2
41410	9.1	253.2	2	-150.9
41420	7.9	254.7	1	-147.4
41430	10.2	256.1	-1	-144.5
41440	15.3	257.5	-2	-140.0
41450	18.4	258.9	-3	-134.4
41460	18.8	260.1	-5	-114.7
41470	9.9	261.2	-6	-95.0
41480	-2.4	262.2	-7	-88.6
41490	-1.1	262.9	-7	-65.7
41500	-0.7	263.6	-8	-65.7
41510	0.4	264.1	-9	-49.2
41520	12.7	264.5	-9	-34.8

41530	31.5	264.8	-9	-31.4
41540	41.5	265.0	-10	-18.1
41550	40.4	265.1	-10	-5.5
41560	32.7	265.1	-10	1.5
41570	26.2	265.1	-10	6.1
41580	22.2	265.0	-10	13.5
41590	23.3	264.8	-9	18.1
41600	27.5	264.5	-9	26.6
41610	31.2	264.2	-9	37.8
41620	30.9	263.8	-8	47.3
41630	27.7	263.3	-8	51.3
41640	24.7	262.7	-7	52.9
41650	23.7	262.1	-7	59.1
41660	25.4	261.4	-6	64.9
41670	27.7	260.6	-5	71.3
41680	28.2	259.7	-4	85.4
41690	26.0	258.8	-3	94.7
41700	21.6	257.8	-2	101.9
41710	17.8	256.7	-1	107.5
41720	17.1	255.6	0	112.6
41730	19.4	254.4	1	117.4
41740	22.1	253.2	2	122.7
41750	22.9	252.0	3	129.1
41760	21.7	250.6	5	134.9
41770	18.8	249.2	6	140.8
41780	15.5	247.8	8	145.6
41790	14.1	246.3	9	149.3
41800	14.8	244.8	11	153.3
41810	15.6	243.2	12	156.8
41820	15.5	241.6	14	160.7
41830	14.5	240.0	15	164.5
41840	12.3	238.3	17	167.7
41850	11.4	236.6	19	170.9
41860	11.1	234.9	21	173.3
41870	11.7	233.1	22	175.9
41880	12.6	231.4	24	178.6
41890	13.2	229.6	26	179.4
41900	14.4	227.8	28	179.4
41910	14.4	226.0	29	179.7
41920	13.8	224.2	31	179.4
41930	12.2	222.4	33	179.7
41940	10.4	220.6	35	179.4
41950	9.6	218.8	37	179.4
41960	9.4	217.0	38	179.1
41970	9.9	215.2	40	179.7
41980	10.4	213.4	42	179.7
41990	10.0	211.6	44	179.7
42000	9.1	209.8	46	179.4
42010	8.1	208.0	47	179.4
42020	7.9	206.2	49	179.4
42030	7.6	204.4	51	179.4
42040	6.1	202.6	53	179.7
42050	4.5	200.8	55	179.4
42060	2.7	199.0	56	179.7

42070	2.3	197.2	58	179.1
42080	4.2	195.5	60	179.1
42090	6.8	193.7	62	179.4
42100	9.1	191.9	64	179.7
42110	10.0	190.1	65	179.9
42120	9.6	188.3	67	179.9
42130	9.1	186.5	69	179.7
42140	8.9	184.7	71	179.9
42150	9.8	182.9	73	179.7
42160	9.8	181.1	74	179.9
42170	9.6	179.3	76	179.9
42180	10.4	177.5	78	179.9
42190	11.0	175.7	80	179.9
42200	11.1	173.9	82	179.7
42210	10.6	172.1	83	179.9
42220	9.6	170.3	85	179.7
42230	9.8	168.5	87	179.9
42240	10.3	166.7	89	179.9
42250	11.3	164.9	91	179.9
42260	11.7	163.1	92	179.9
42270	11.7	161.3	94	179.9
42280	11.7	159.5	96	179.9
42290	11.5	157.7	98	179.7
42300	11.0	155.9	100	179.9
42310	11.5	154.1	101	179.7
42320	12.2	152.3	103	179.7
42330	13.0	150.5	105	179.9
42340	13.0	148.7	107	179.9
42350	12.9	146.9	109	179.9
42360	12.2	145.1	110	179.9
42370	12.2	143.3	112	179.7
42380	12.5	141.5	114	179.9
42390	12.6	139.7	116	179.7
42400	12.5	137.9	118	179.9
42410	12.3	136.1	119	179.7
42420	12.5	134.3	121	179.7
42430	12.7	132.5	123	179.7
42440	12.1	130.7	125	179.7
42450	11.5	128.9	127	179.7
42460	10.4	127.1	128	179.7
42470	9.5	125.3	130	179.7
42480	9.1	123.5	132	179.4
42490	8.4	121.7	134	179.4
42500	7.3	119.9	136	179.4
42510	6.4	118.1	137	179.4
42520	5.7	116.3	139	179.4
42530	4.7	114.5	141	179.4
42540	3.5	112.7	143	179.4
42550	2.4	111.0	144	179.4
42560	1.8	109.2	146	179.4
42570	1.6	107.4	148	178.9
42580	1.5	105.6	150	178.9
42590	1.4	103.8	152	178.6
42600	1.2	102.0	153	177.8

42610	-0.1	100.2	155	176.2
42620	-4.7	98.5	157	174.3
42630	-7.6	96.8	159	171.9
42640	-7.5	95.1	160	168.5
42650	-5.8	93.4	162	165.8
42660	-5.0	91.8	164	163.4
42670	-5.7	90.2	165	160.7
42680	-7.9	88.6	167	158.1
42690	-10.6	87.0	168	154.9
42700	-11.5	85.5	170	150.9
42710	-11.0	84.0	171	146.6
42720	-8.8	82.6	173	142.9
42730	-8.1	81.2	174	139.5
42740	-9.5	79.9	176	122.7
42750	-6.1	78.6	177	105.6
42760	1.8	77.6	178	105.4
42770	1.6	76.8	179	78.0
42780	4.7	76.1	179	56.7
42790	5.0	75.6	180	51.3
42800	-0.4	75.1	180	41.5
42810	-0.9	74.8	181	29.8
42820	-11.8	74.5	181	25.5
42830	-26.6	74.3	181	19.9
42840	-32.0	74.2	181	9.8
42850	-27.0	74.2	181	1.0
42860	-18.4	74.2	181	-2.9
42870	-14.1	74.2	181	-6.1
42880	-17.8	74.3	181	-9.5
42890	-27.8	74.5	181	-17.3
42900	-34.7	74.7	181	-25.5
42910	-35.7	75.0	180	-35.9
42920	-31.5	75.4	180	-46.5
42930	-27.5	75.9	180	-56.1
42940	-28.7	76.5	179	-64.9
42950	-34.4	77.1	178	-67.0
42960	-40.8	77.8	178	-69.2
42970	-42.7	78.7	177	-79.3
42980	-38.4	79.6	176	-89.9
42990	-30.1	80.8	175	-109.9
43000	-24.5	81.9	174	-117.9
43010	-24.5	83.2	172	-125.1
43020	-29.7	84.5	171	-131.7
43030	-34.0	85.9	170	-140.2
43040	-34.8	87.3	168	-149.6
43050	-30.9	88.9	167	-158.9
43060	-26.4	90.5	165	-167.1
43070	-24.3	92.3	163	-173.8
43080	-27.8	94.0	161	-176.2
43090	-36.6	95.8	160	-176.7
43100	-43.3	97.6	158	-177.5
43110	-44.2	99.3	156	-178.9
43120	-39.7	101.1	154	-178.9
43130	-34.6	102.9	153	-178.3
43140	-32.1	104.7	151	-178.9

43150	-33.9	106.5	149	-179.1
43160	-38.0	108.3	147	-179.7
43170	-40.1	110.1	145	-179.9
43180	-39.5	111.9	144	-179.9
43190	-36.9	113.7	142	-179.4
43200	-33.8	115.5	140	-179.4
43210	-32.0	117.3	138	-179.4
43220	-32.3	119.1	136	-179.4
43230	-34.2	120.9	135	-179.7
43240	-37.0	122.7	133	-179.7
43250	-38.6	124.5	131	-179.9
43260	-38.4	126.3	129	-180.2
43270	-35.5	128.1	127	-179.9
43280	-32.1	129.9	126	-179.4
43290	-30.4	131.6	124	-179.4
43300	-31.5	133.4	122	-179.1
43310	-33.1	135.2	120	-179.4
43320	-34.6	137.0	118	-179.7
43330	-35.0	138.8	117	-179.7
43340	-34.3	140.6	115	-179.7
43350	-33.2	142.4	113	-179.7
43360	-32.7	144.2	111	-179.7
43370	-32.1	146.0	109	-179.7
43380	-31.9	147.8	108	-179.4
43390	-32.3	149.6	106	-179.4
43400	-33.9	151.4	104	-179.4
43410	-34.7	153.2	102	-179.7
43420	-34.6	155.0	100	-180.2
43430	-33.2	156.8	99	-179.9
43440	-31.9	158.6	97	-179.4
43450	-32.0	160.4	95	-179.7
43460	-33.2	162.2	93	-179.7
43470	-33.9	164.0	91	-179.9
43480	-34.7	165.8	90	-179.9
43490	-34.3	167.6	88	-179.7
43500	-33.6	169.4	86	-179.1
43510	-32.4	171.2	84	-179.7
43520	-30.8	173.0	82	-179.4
43530	-29.7	174.8	81	-179.4
43540	-30.2	176.6	79	-179.7
43550	-31.2	178.4	77	-179.7
43560	-33.2	180.2	75	-179.9
43570	-34.3	182.0	73	-180.2
43580	-34.2	183.8	72	-179.7
43590	-32.8	185.6	70	-179.7
43600	-31.3	187.4	68	-179.4
43610	-29.4	189.2	66	-179.7
43620	-28.1	190.9	65	-179.4
43630	-27.4	192.7	63	-179.4
43640	-27.8	194.5	61	-179.4
43650	-28.2	196.3	59	-179.4
43660	-28.3	198.1	57	-179.7
43670	-26.6	199.9	56	-179.7
43680	-24.5	201.7	54	-179.4

43690	-22.4	203.5	52	-179.4
43700	-20.6	205.3	50	-179.1
43710	-18.8	207.1	48	-179.1
43720	-17.1	208.9	47	-179.1
43730	-15.3	210.7	45	-179.4
43740	-14.2	212.5	43	-179.1
43750	-14.1	214.3	41	-179.4
43760	-14.2	216.1	39	-179.4
43770	-13.2	217.9	38	-179.1
43780	-11.7	219.7	36	-179.4
43790	-9.9	221.4	34	-179.4
43800	-8.5	223.2	32	-179.1
43810	-7.3	225.0	30	-179.1
43820	-8.3	226.8	29	-179.4
43830	-0.9	228.6	27	-179.1
43840	-0.1	230.4	25	-178.6
43850	6.5	232.2	23	-176.2
43860	10.0	233.9	22	-166.9
43870	3.7	235.5	20	-163.4
43880	-3.1	237.1	18	-162.6
43890	-1.9	238.8	17	-162.6
43900	-2.3	240.4	15	-162.6
43910	-2.0	242.0	13	-162.3
43920	-1.6	243.6	12	-161.8
43930	-1.6	245.3	10	-161.8
43940	-1.4	246.9	9	-161.5
43950	-0.8	248.5	7	-161.0
43960	7.5	250.1	5	-160.0
43970	17.9	251.7	4	-155.7
43980	20.9	253.2	2	-149.8
43990	15.9	254.6	1	-143.2
44000	8.3	256.0	-1	-138.9
44010	4.1	257.4	-2	-136.0
44020	4.7	258.7	-3	-134.4
44030	8.8	260.0	-5	-129.3
44040	7.7	261.2	-6	-110.7
44050	-0.5	262.1	-7	-81.4
44060	-1.5	262.9	-7	-82.2
44070	-0.5	263.5	-8	-61.2
44080	0.0	264.1	-9	-54.5
44090	6.4	264.5	-9	-40.1
44100	21.3	264.8	-9	-27.4
44110	30.8	265.1	-10	-24.2
44120	32.5	265.2	-10	-13.0
44130	28.3	265.3	-10	-3.4
44140	23.6	265.3	-10	0.5
44150	22.6	265.3	-10	5.0
44160	23.5	265.1	-10	10.3
44170	26.2	265.0	-10	15.9
44180	28.5	264.8	-9	22.8
44190	28.3	264.4	-9	30.0
44200	26.6	264.1	-9	37.0
44210	25.1	263.6	-8	43.6
44220	25.5	263.0	-8	61.2

44230	27.7	262.4	-7	68.6
44240	29.8	261.7	-6	77.2
44250	30.4	261.0	-6	86.2
44260	29.0	260.1	-5	95.3
44270	26.6	259.2	-4	103.5
44280	23.9	258.2	-3	101.6
44290	22.5	257.1	-2	108.0
44300	22.6	256.0	-1	114.7
44310	23.6	254.8	1	121.1
44320	24.4	253.5	2	127.5
44330	23.6	252.2	3	134.1
44340	22.2	250.8	5	140.5
44350	20.5	249.4	6	146.1
44360	19.0	247.9	8	151.7
44370	18.4	246.3	9	156.2
44380	18.4	244.7	11	161.3
44390	18.3	243.1	12	166.1
44400	17.6	241.4	14	170.6
44410	16.4	239.6	16	175.1
44420	14.1	237.8	18	179.1
44430	13.8	236.1	19	179.4
44440	15.5	234.3	21	179.4
44450	17.6	232.5	23	179.9
44460	19.1	230.7	25	179.9
44470	18.3	228.9	27	179.9
44480	16.1	227.1	28	179.7
44490	13.6	225.3	30	179.7
44500	11.8	223.5	32	179.4
44510	10.8	221.7	34	179.4
44520	11.1	219.9	36	179.7
44530	11.9	218.1	37	179.4
44540	11.8	216.3	39	179.4
44550	11.5	214.5	41	179.7
44560	10.8	212.7	43	179.7
44570	10.0	210.9	45	179.4
44580	9.6	209.1	46	179.7
44590	9.1	207.3	48	179.7
44600	8.0	205.5	50	179.4
44610	6.2	203.7	52	179.7
44620	4.3	201.9	54	179.1
44630	2.8	200.1	55	179.4
44640	2.7	198.3	57	179.4
44650	4.3	196.6	59	179.4
44660	7.6	194.8	61	179.4
44670	9.6	193.0	62	179.9
44680	10.3	191.2	64	180.2
44690	8.9	189.4	66	179.9
44700	7.5	187.6	68	179.9
44710	6.9	185.8	70	179.4
44720	7.6	184.0	71	179.7
44730	9.1	182.2	73	179.7
44740	9.8	180.4	75	179.9
44750	10.2	178.6	77	180.2
44760	10.3	176.8	79	179.9

44770	9.8	175.0	80	179.7
44780	9.5	173.2	82	179.9
44790	8.7	171.4	84	179.7
44800	8.5	169.6	86	179.7
44810	8.9	167.8	88	179.9
44820	9.9	166.0	89	179.9
44830	10.3	164.2	91	179.9
44840	10.2	162.4	93	179.9
44850	10.3	160.6	95	179.7
44860	10.3	158.8	97	179.9
44870	10.6	157.0	98	179.9
44880	11.4	155.2	100	179.9
44890	12.5	153.4	102	179.9
44900	13.4	151.6	104	180.2
44910	13.4	149.8	106	179.9
44920	13.2	148.0	107	180.2
44930	12.2	146.2	109	179.9
44940	11.1	144.4	111	179.9
44950	11.1	142.6	113	179.7
44960	11.1	140.8	115	179.7
44970	10.8	139.0	116	179.7
44980	10.6	137.2	118	179.7
44990	10.6	135.4	120	179.9
45000	10.8	133.6	122	179.7
45010	11.0	131.8	124	179.7
45020	11.0	130.0	125	179.7
45030	10.8	128.2	127	179.7
45040	10.0	126.4	129	179.7
45050	9.2	124.6	131	179.7
45060	8.5	122.8	133	179.7
45070	7.7	121.0	134	179.7
45080	7.1	119.2	136	179.7
45090	6.5	117.4	138	179.4
45100	6.1	115.6	140	179.7
45110	5.2	113.8	142	179.4
45120	3.8	112.0	143	179.1
45130	2.6	110.3	145	179.4
45140	1.8	108.5	147	179.1
45150	1.6	106.7	149	178.9
45160	1.5	104.9	151	178.6
45170	1.4	103.1	152	178.3
45180	1.4	101.3	154	177.8
45190	0.5	99.5	156	176.7
45200	-3.7	97.8	158	174.9
45210	-7.2	96.1	159	172.5
45220	-7.2	94.4	161	169.5
45230	-4.9	92.7	163	166.9
45240	-3.4	91.0	164	164.7
45250	-4.2	89.4	166	162.9
45260	-7.3	87.8	168	160.5
45270	-11.0	86.2	169	157.0
45280	-13.3	84.7	171	152.8
45290	-12.7	83.2	172	148.0
45300	-11.0	81.7	174	144.0

45310	-10.4	80.3	175	139.7
45320	-9.2	79.1	176	115.2
45330	-2.6	77.9	178	104.8
45340	1.6	77.0	178	76.6
45350	0.7	76.3	179	69.2
45360	0.5	75.7	180	49.7
45370	0.0	75.2	180	44.7
45380	-1.2	74.8	181	39.6
45390	-11.4	74.6	181	27.9
45400	-24.3	74.3	181	21.8
45410	-30.2	74.2	181	12.2
45420	-27.1	74.1	181	3.4
45430	-21.6	74.1	181	-1.0
45440	-19.4	74.2	181	-5.3
45450	-22.9	74.3	181	-9.8
45460	-29.8	74.4	181	-15.4
45470	-35.5	74.7	181	-22.8
45480	-37.4	75.0	180	-31.6
45490	-35.3	75.4	180	-40.7
45500	-31.9	75.9	180	-49.5
45510	-31.3	76.6	179	-57.5
45520	-35.4	77.3	178	-80.3
45530	-40.3	78.1	177	-90.7
45540	-42.0	79.0	176	-102.7
45550	-38.5	80.0	175	-115.8
45560	-31.7	81.2	174	-115.5
45570	-25.9	82.4	173	-124.5
45580	-25.2	83.7	172	-131.5
45590	-29.4	85.1	170	-138.7
45600	-35.0	86.5	169	-146.9
45610	-36.7	88.0	167	-156.8
45620	-34.2	89.7	166	-166.3
45630	-29.7	91.4	164	-175.4
45640	-30.0	93.2	162	-176.5
45650	-36.6	95.0	160	-176.7
45660	-44.3	96.7	159	-178.1
45670	-47.2	98.5	157	-178.9
45680	-45.3	100.3	155	-179.1
45690	-40.8	102.1	153	-179.1
45700	-37.6	103.9	152	-178.9
45710	-37.3	105.7	150	-178.9
45720	-40.1	107.5	148	-179.4
45730	-42.8	109.3	146	-179.7
45740	-43.3	111.1	144	-179.9
45750	-41.5	112.9	143	-179.7
45760	-38.5	114.7	141	-179.4
45770	-36.1	116.5	139	-179.1
45780	-35.3	118.3	137	-179.4
45790	-35.7	120.0	135	-179.4
45800	-37.0	121.8	134	-179.1
45810	-38.6	123.6	132	-179.9
45820	-39.7	125.4	130	-179.9
45830	-39.5	127.2	128	-179.7
45840	-37.4	129.0	126	-179.7

45850	-35.5	130.8	125	-179.4
45860	-34.8	132.6	123	-179.1
45870	-35.4	134.4	121	-179.4
45880	-36.1	136.2	119	-179.7
45890	-36.6	138.0	117	-179.4
45900	-36.5	139.8	116	-179.4
45910	-35.9	141.6	114	-179.7
45920	-35.8	143.4	112	-179.7
45930	-35.4	145.2	110	-179.7
45940	-34.2	147.0	108	-179.7
45950	-33.2	148.8	107	-179.1
45960	-33.4	150.6	105	-179.4
45970	-33.9	152.4	103	-179.7
45980	-34.0	154.2	101	-179.7
45990	-33.4	156.0	99	-179.4
46000	-32.1	157.8	98	-179.4
46010	-30.8	159.6	96	-179.4
46020	-30.8	161.4	94	-179.4
46030	-30.9	163.2	92	-179.7
46040	-30.6	165.0	90	-179.7
46050	-30.5	166.7	89	-179.4
46060	-30.6	168.5	87	-179.7
46070	-30.6	170.3	85	-179.1
46080	-30.0	172.1	83	-179.4
46090	-29.6	173.9	82	-179.7
46100	-29.3	175.7	80	-179.4
46110	-29.3	177.5	78	-179.7
46120	-29.3	179.3	76	-179.7
46130	-28.7	181.1	74	-179.7
46140	-28.1	182.9	73	-179.7
46150	-27.3	184.7	71	-179.7
46160	-26.8	186.5	69	-179.4
46170	-26.0	188.3	67	-179.4
46180	-24.1	190.1	65	-179.4
46190	-22.6	191.9	64	-179.4
46200	-21.3	193.7	62	-178.9
46210	-21.2	195.5	60	-179.4
46220	-21.7	197.3	58	-179.4
46230	-21.8	199.1	56	-179.4
46240	-20.9	200.9	55	-179.7
46250	-19.8	202.7	53	-179.4
46260	-18.3	204.4	51	-179.4
46270	-17.1	206.2	49	-179.4
46280	-15.9	208.0	47	-179.7
46290	-14.6	209.8	46	-179.1
46300	-14.0	211.6	44	-179.4
46310	-14.6	213.4	42	-179.7
46320	-15.6	215.2	40	-179.4
46330	-16.0	217.0	38	-179.4
46340	-14.8	218.8	37	-179.7
46350	-13.3	220.6	35	-179.4
46360	-11.8	222.4	33	-179.4
46370	-11.0	224.2	31	-179.4
46380	-10.2	226.0	29	-179.4

46390	-4.6	227.8	28	-179.4
46400	0.0	229.6	26	-178.6
46410	6.2	231.3	24	-173.0
46420	16.4	233.0	22	-164.7
46430	12.2	234.6	21	-159.7
46440	-3.5	236.2	19	-157.6
46450	-2.6	237.8	18	-158.1
46460	-12.5	239.3	16	-158.4
46470	-14.9	240.9	15	-160.7
46480	-8.1	242.6	13	-164.2
46490	-0.8	244.2	11	-165.5
46500	-1.1	245.9	10	-165.3
46510	7.9	247.5	8	-163.7
46520	17.6	249.1	6	-160.0
46530	17.2	250.7	5	-154.4
46540	9.5	252.2	3	-149.3
46550	3.5	253.7	2	-146.6
46560	1.4	255.1	0	-144.8
46570	3.0	256.6	-1	-143.4
46580	7.2	258.0	-3	-141.6
46590	11.0	259.4	-4	-137.9
46600	10.7	260.7	-5	-140.0
46610	-1.4	261.7	-6	-103.8
46620	-2.0	262.7	-7	-92.9
46630	-11.1	263.3	-8	-69.2
46640	-20.3	263.9	-8	-57.2
46650	-17.0	264.4	-9	-41.2
46660	-0.8	264.8	-9	-39.6
46670	0.9	265.1	-10	-28.7
46680	15.1	265.4	-10	-19.9
46690	31.9	265.5	-10	-15.4
46700	35.8	265.6	-10	-4.2
46710	28.2	265.6	-10	0.7
46720	19.9	265.5	-10	6.9
46730	14.0	265.4	-10	10.9
46740	14.9	265.3	-10	14.1
46750	20.5	265.1	-10	22.0
46760	27.4	264.8	-9	28.4
46770	31.6	264.5	-9	36.7
46780	30.9	264.1	-9	46.3
46790	26.4	263.7	-8	50.3
46800	22.4	263.1	-8	51.6
46810	22.1	262.4	-7	70.0
46820	25.9	261.8	-6	76.9
46830	29.7	261.0	-6	84.6
46840	31.1	260.2	-5	93.7
46850	28.6	259.3	-4	102.7
46860	23.9	258.3	-3	101.1
46870	20.3	257.2	-2	107.8
46880	19.5	256.1	-1	113.4
46890	22.0	254.9	1	119.2
46900	25.0	253.7	2	125.1
46910	25.8	252.4	3	132.0
46920	24.0	251.0	4	138.9

46930	20.3	249.6	6	145.3
46940	16.1	248.1	7	150.4
46950	14.1	246.5	9	154.6
46960	15.1	245.0	10	158.1
46970	17.0	243.3	12	162.1
46980	18.2	241.7	14	166.1
46990	17.8	240.0	15	170.6
47000	15.1	238.3	17	174.9
47010	12.3	236.5	19	178.6
47020	11.4	234.7	21	179.4
47030	13.3	232.9	23	179.4
47040	16.4	231.1	24	179.7
47050	17.6	229.3	26	179.9
47060	17.0	227.5	28	179.9
47070	14.9	225.7	30	179.9
47080	12.6	223.9	32	179.4
47090	10.6	222.1	33	179.4
47100	9.4	220.3	35	179.4
47110	9.1	218.5	37	179.4
47120	8.7	216.7	39	179.1
47130	8.5	214.9	41	179.4
47140	8.5	213.1	42	179.4
47150	8.0	211.3	44	179.4
47160	6.8	209.5	46	179.4
47170	4.9	207.8	48	179.1
47180	3.0	206.0	49	179.1
47190	2.2	204.2	51	179.4
47200	2.0	202.4	53	179.1
47210	2.6	200.6	55	178.9
47220	2.8	198.8	57	179.1
47230	3.7	197.0	58	179.1
47240	4.3	195.2	60	179.4
47250	4.9	193.4	62	179.7
47260	5.2	191.6	64	179.7
47270	4.7	189.8	66	179.7
47280	4.2	188.0	67	179.7
47290	4.7	186.2	69	179.4
47300	6.2	184.4	71	179.7
47310	7.9	182.6	73	179.7
47320	8.1	180.8	75	179.7
47330	8.3	179.0	76	179.9
47340	8.8	177.2	78	179.9
47350	9.2	175.4	80	180.2
47360	9.5	173.6	82	179.7
47370	9.1	171.8	84	179.9
47380	8.4	170.0	85	179.7
47390	8.8	168.2	87	179.7
47400	9.2	166.4	89	179.7
47410	10.2	164.6	91	179.9
47420	10.6	162.8	93	179.7
47430	10.6	161.0	94	180.2
47440	10.3	159.2	96	179.9
47450	9.6	157.4	98	179.7
47460	9.8	155.6	100	179.9

47470	10.2	153.8	102	179.9
47480	11.0	152.0	103	179.9
47490	11.5	150.2	105	179.9
47500	11.5	148.4	107	179.9
47510	11.3	146.6	109	179.9
47520	10.6	144.8	111	179.7
47530	11.0	143.1	112	179.7
47540	11.5	141.3	114	179.9
47550	11.8	139.5	116	179.9
47560	11.9	137.7	118	179.9
47570	11.7	135.9	120	179.7
47580	11.5	134.1	121	179.7
47590	11.4	132.3	123	179.7
47600	11.1	130.5	125	179.9
47610	11.1	128.7	127	179.9
47620	10.8	126.9	129	179.7
47630	10.6	125.1	130	179.7
47640	10.4	123.3	132	179.7
47650	9.6	121.5	134	179.7
47660	8.3	119.7	136	179.7
47670	7.2	117.9	138	179.4
47680	6.4	116.1	139	179.4
47690	5.7	114.3	141	179.4
47700	4.9	112.5	143	179.1
47710	3.9	110.7	145	179.4
47720	2.8	108.9	147	179.4
47730	2.3	107.1	148	179.1
47740	2.0	105.3	150	179.4
47750	1.8	103.5	152	179.1
47760	1.6	101.7	154	178.6
47770	1.5	100.0	155	178.3
47780	1.4	98.2	157	177.5
47790	1.2	96.4	159	176.2
47800	0.3	94.7	161	175.4
47810	-6.1	92.9	163	174.1
47820	-10.7	91.2	164	170.9
47830	-10.4	89.5	166	166.9
47840	-6.1	87.9	168	163.4
47850	-3.8	86.3	169	161.0
47860	-5.4	84.7	171	158.9
47870	-10.2	83.1	172	156.0
47880	-14.1	81.6	174	152.0
47890	-15.2	80.1	175	132.3
47900	-8.9	78.8	177	116.8
47910	1.9	77.6	178	115.8
47920	12.7	76.8	179	84.6
47930	26.6	76.0	179	74.8
47940	22.1	75.5	180	54.5
47950	6.9	75.0	180	42.5
47960	-1.5	74.6	181	35.9
47970	-12.2	74.4	181	24.7
47980	-27.4	74.2	181	17.0
47990	-31.3	74.1	181	8.5
48000	-23.5	74.0	181	1.8

48010	-16.1	74.1	181	-1.5
48020	-15.6	74.1	181	-4.5
48030	-22.2	74.2	181	-7.7
48040	-31.2	74.3	181	-14.6
48050	-35.1	74.5	181	-23.1
48060	-33.5	74.8	181	-32.4
48070	-28.2	75.2	180	-37.8
48080	-25.6	75.7	180	-44.9
48090	-28.9	76.2	179	-51.6
48100	-36.6	76.9	179	-72.4
48110	-42.0	77.6	178	-82.7
48120	-42.3	78.5	177	-96.1
48130	-35.8	79.5	176	-108.6
48140	-26.3	80.5	175	-119.2
48150	-20.6	81.7	174	-115.0
48160	-21.7	82.9	173	-121.1
48170	-27.5	84.1	171	-126.9
48180	-32.3	85.4	170	-134.9
48190	-33.1	86.9	169	-143.7
48200	-29.2	88.4	167	-152.8
48210	-26.0	89.9	166	-160.5
48220	-24.8	91.6	164	-167.4
48230	-27.3	93.3	162	-174.3
48240	-32.5	95.1	160	-176.5
48250	-39.6	96.9	159	-177.3
48260	-42.8	98.6	157	-177.8
48270	-41.1	100.4	155	-178.3
48280	-37.8	102.2	153	-178.9
48290	-35.8	104.0	151	-178.9
48300	-37.3	105.8	150	-178.9
48310	-41.8	107.6	148	-179.7
48320	-44.9	109.4	146	-179.9
48330	-45.0	111.2	144	-179.9
48340	-43.0	113.0	142	-179.7
48350	-39.6	114.8	141	-179.4
48360	-37.6	116.6	139	-179.1
48370	-37.7	118.4	137	-179.4
48380	-39.6	120.2	135	-179.7
48390	-42.2	122.0	133	-179.7
48400	-43.8	123.8	132	-179.9
48410	-43.8	125.6	130	-179.9
48420	-41.8	127.4	128	-179.9
48430	-38.6	129.2	126	-179.7
48440	-37.0	130.9	125	-179.4
48450	-37.3	132.7	123	-179.1
48460	-39.3	134.5	121	-179.7
48470	-41.0	136.3	119	-179.9
48480	-41.5	138.1	117	-179.7
48490	-40.8	139.9	116	-179.7
48500	-39.3	141.7	114	-179.7
48510	-38.5	143.5	112	-179.7
48520	-37.7	145.3	110	-179.4
48530	-36.6	147.1	108	-179.7
48540	-36.5	148.9	107	-179.1

48550	-37.2	150.7	105	-179.4
48560	-37.4	152.5	103	-179.9
48570	-37.0	154.3	101	-179.7
48580	-35.8	156.1	99	-179.4
48590	-34.3	157.9	98	-179.4
48600	-33.6	159.7	96	-179.1
48610	-34.6	161.5	94	-179.4
48620	-35.7	163.3	92	-179.7
48630	-35.8	165.1	90	-179.7
48640	-35.4	166.9	89	-179.4
48650	-34.7	168.7	87	-179.7
48660	-33.8	170.5	85	-179.4
48670	-33.2	172.2	83	-179.4
48680	-32.4	174.0	81	-179.7
48690	-32.3	175.8	80	-179.7
48700	-32.5	177.6	78	-179.7
48710	-33.1	179.4	76	-179.9
48720	-33.1	181.2	74	-179.7
48730	-32.7	183.0	72	-179.7
48740	-32.1	184.8	71	-179.4
48750	-31.7	186.6	69	-179.7
48760	-31.1	188.4	67	-179.4
48770	-29.4	190.2	65	-179.7
48780	-28.6	192.0	63	-179.4
48790	-27.8	193.8	62	-179.1
48800	-27.4	195.6	60	-179.7
48810	-27.7	197.4	58	-179.7
48820	-27.4	199.2	56	-179.7
48830	-26.0	201.0	54	-179.4
48840	-24.7	202.8	53	-179.4
48850	-23.5	204.6	51	-179.1
48860	-22.2	206.4	49	-179.4
48870	-20.6	208.2	47	-179.4
48880	-19.8	210.0	45	-179.1
48890	-19.0	211.7	44	-179.4
48900	-19.1	213.5	42	-179.4
48910	-19.5	215.3	40	-179.4
48920	-19.3	217.1	38	-179.4
48930	-18.2	218.9	37	-179.4
48940	-16.8	220.7	35	-179.1
48950	-15.6	222.5	33	-179.4
48960	-14.9	224.3	31	-179.4
48970	-13.6	226.1	29	-179.4
48980	-10.3	227.9	28	-179.7
48990	0.0	229.7	26	-178.9
49000	-1.2	231.5	24	-178.3
49010	3.8	233.2	22	-177.5
49020	0.7	235.0	20	-171.4
49030	-2.6	236.7	19	-170.3
49040	-2.3	238.4	17	-170.1
49050	-2.3	240.1	15	-170.1
49060	-7.6	241.8	14	-170.3
49070	-11.7	243.5	12	-171.7
49080	-7.7	245.2	10	-174.1

49090	-0.9	247.0	8	-173.8
49100	-1.4	248.7	7	-173.5
49110	-0.8	250.4	5	-173.3
49120	7.1	252.2	3	-171.4
49130	15.6	253.9	2	-167.4
49140	15.1	255.5	0	-161.8
49150	8.7	257.1	-2	-157.6
49160	3.9	258.6	-3	-154.9
49170	3.5	260.1	-5	-137.3
49180	-1.8	261.4	-6	-114.4
49190	-2.2	262.6	-7	-110.2
49200	-11.8	263.4	-8	-80.1
49210	-23.6	264.0	-9	-63.8
49220	-23.2	264.6	-9	-44.9
49230	-9.9	265.0	-10	-38.6
49240	0.7	265.3	-10	-26.0
49250	6.6	265.6	-10	-25.0
49260	26.3	265.7	-10	-15.4
49270	35.9	265.8	-10	-5.3
49280	34.0	265.8	-10	2.3
49290	25.0	265.7	-10	7.7
49300	16.5	265.6	-10	14.3
49310	12.9	265.4	-10	18.6
49320	15.9	265.2	-10	22.0
49330	21.7	264.9	-9	26.6
49340	26.7	264.5	-9	31.9
49350	28.5	264.1	-9	38.8
49360	26.7	263.6	-8	45.7
49370	24.0	263.1	-8	52.4
49380	23.6	262.5	-7	64.4
49390	25.8	261.8	-6	64.1
49400	28.2	261.0	-6	70.2
49410	28.7	260.2	-5	77.2
49420	26.7	259.2	-4	93.4
49430	23.1	258.2	-3	100.6
49440	20.3	257.2	-2	106.7
49450	19.3	256.0	-1	112.6
49460	20.2	254.9	1	117.9
49470	21.6	253.7	2	123.5
49480	22.0	252.4	3	129.3
49490	20.7	251.0	4	135.2
49500	18.6	249.6	6	140.8
49510	15.5	248.2	7	145.3
49520	14.1	246.7	9	149.6
49530	14.8	245.2	10	152.8
49540	16.1	243.6	12	156.8
49550	17.0	242.0	13	160.7
49560	16.5	240.4	15	164.7
49570	14.4	238.7	17	168.7
49580	12.1	237.0	18	172.2
49590	10.4	235.3	20	174.6
49600	9.9	233.5	22	177.3
49610	10.4	231.7	24	179.1
49620	12.5	229.9	26	179.4

49630	14.2	228.1	27	179.7
49640	14.6	226.3	29	179.7
49650	13.8	224.5	31	179.9
49660	11.8	222.7	33	179.7
49670	9.6	220.9	35	179.4
49680	8.1	219.1	36	179.4
49690	7.1	217.4	38	179.1
49700	7.2	215.6	40	179.4
49710	8.0	213.8	42	179.4
49720	7.7	212.0	43	179.4
49730	5.6	210.2	45	179.4
49740	2.8	208.4	47	179.4
49750	1.4	206.6	49	179.1
49760	1.5	204.8	51	178.9
49770	1.6	203.0	52	178.6
49780	1.6	201.2	54	178.1
49790	1.8	199.4	56	177.8
49800	2.0	197.7	58	177.0
49810	4.7	195.9	60	175.9
49820	8.9	194.1	61	176.7
49830	8.9	192.4	63	178.9
49840	5.2	190.6	65	179.1
49850	1.8	188.8	67	179.1
49860	1.5	187.0	68	178.9
49870	1.9	185.2	70	178.9
49880	3.0	183.4	72	178.3
49890	5.0	181.6	74	178.9
49900	5.6	179.8	76	179.4
49910	5.6	178.0	77	179.7
49920	5.4	176.2	79	179.7
49930	5.4	174.4	81	179.7
49940	6.1	172.7	83	179.7
49950	6.6	170.9	85	179.9
49960	8.0	169.1	86	179.7
49970	9.2	167.3	88	179.9
49980	9.5	165.5	90	180.2
49990	9.6	163.7	92	179.7
50000	9.4	161.9	94	179.9
50010	9.8	160.1	95	179.7
50020	9.5	158.3	97	179.9
50030	9.1	156.5	99	179.9
50040	9.1	154.7	101	179.9
50050	9.5	152.9	103	179.7
50060	10.2	151.1	104	179.7
50070	10.4	149.3	106	179.9
50080	10.8	147.5	108	179.9
50090	11.1	145.7	110	179.9
50100	11.4	143.9	112	179.9
50110	12.2	142.1	113	179.7
50120	12.7	140.3	115	179.9
50130	12.9	138.5	117	179.9
50140	12.9	136.7	119	179.9
50150	13.0	134.9	121	179.9
50160	12.9	133.1	122	179.9

50170	12.2	131.3	124	179.9
50180	11.5	129.5	126	179.7
50190	10.8	127.7	128	179.4
50200	10.0	125.9	130	179.7
50210	9.6	124.1	131	179.7
50220	9.4	122.3	133	179.7
50230	8.7	120.5	135	179.7
50240	7.9	118.7	137	179.4
50250	7.6	116.9	139	179.7
50260	7.5	115.1	140	179.4
50270	7.1	113.3	142	179.7
50280	6.2	111.5	144	179.4
50290	5.3	109.7	146	179.1
50300	4.2	107.9	148	179.4
50310	3.7	106.1	149	179.4
50320	3.4	104.3	151	179.1
50330	2.8	102.5	153	179.7
50340	2.3	100.7	155	179.4
50350	1.9	99.0	156	179.1
50360	1.6	97.2	158	178.9
50370	1.5	95.4	160	178.9
50380	1.4	93.6	162	178.1
50390	1.2	91.8	164	178.1
50400	0.1	90.0	165	176.2
50410	-5.8	88.3	167	174.6
50420	-11.4	86.6	169	171.1
50430	-12.5	84.9	171	166.9
50440	-9.2	83.3	172	162.3
50450	-6.4	81.7	174	159.4
50460	-7.1	80.1	175	156.8
50470	-5.6	78.7	177	140.0
50480	2.0	77.5	178	99.0
50490	9.1	76.6	179	86.7
50500	22.2	75.9	180	62.8
50510	21.0	75.3	180	54.0
50520	7.9	74.8	181	41.5
50530	-0.8	74.5	181	31.4
50540	-12.9	74.2	181	23.6
50550	-29.2	74.0	181	17.5
50560	-32.0	74.0	181	8.2
50570	-24.0	73.9	182	0.0
50580	-14.0	73.9	182	-1.8
50590	-9.5	74.0	181	-5.0
50600	-12.6	74.1	181	-7.1
50610	-20.7	74.2	181	-10.6
50620	-26.4	74.3	181	-16.2
50630	-27.3	74.6	181	-22.8
50640	-23.9	74.9	181	-29.5
50650	-21.6	75.3	180	-35.4
50660	-25.2	75.7	180	-41.2
50670	-33.6	76.2	179	-58.3
50680	-40.1	76.8	179	-62.5
50690	-42.0	77.5	178	-66.0
50700	-38.0	78.3	177	-76.1

50710	-30.8	79.2	176	-85.1
50720	-25.8	80.2	175	-92.6
50730	-26.0	81.4	174	-109.4
50740	-29.8	82.5	173	-117.1
50750	-33.4	83.8	172	-125.1
50760	-33.5	85.1	170	-134.7
50770	-30.4	86.5	169	-143.4
50780	-27.1	88.0	167	-151.7
50790	-26.6	89.6	166	-158.9
50800	-28.5	91.2	164	-166.6
50810	-30.1	92.9	163	-174.1
50820	-32.0	94.7	161	-176.5
50830	-35.9	96.5	159	-177.0
50840	-39.3	98.2	157	-177.3
50850	-40.1	100.0	155	-178.3
50860	-39.5	101.8	154	-178.9
50870	-38.6	103.6	152	-178.6
50880	-39.2	105.4	150	-178.9
50890	-41.5	107.2	148	-179.4
50900	-42.8	109.0	146	-179.7
50910	-42.4	110.8	145	-179.4
50920	-41.0	112.6	143	-179.4
50930	-38.9	114.4	141	-179.4
50940	-38.1	116.2	139	-179.4
50950	-38.6	117.9	138	-179.4
50960	-40.1	119.7	136	-179.7
50970	-42.0	121.5	134	-179.4
50980	-43.3	123.3	132	-179.9
50990	-43.4	125.1	130	-179.9
51000	-41.8	126.9	129	-179.9
51010	-38.8	128.7	127	-179.7
51020	-36.3	130.5	125	-179.1
51030	-36.2	132.3	123	-179.4
51040	-38.1	134.1	121	-179.7
51050	-39.9	135.9	120	-179.7
51060	-40.3	137.7	118	-179.7
51070	-38.9	139.5	116	-179.7
51080	-37.2	141.3	114	-179.4
51090	-36.2	143.1	112	-179.4
51100	-36.5	144.9	111	-179.7
51110	-36.9	146.7	109	-179.7
51120	-37.6	148.5	107	-179.1
51130	-38.1	150.3	105	-179.4
51140	-37.8	152.1	103	-179.9
51150	-36.7	153.9	102	-179.4
51160	-34.7	155.7	100	-179.4
51170	-33.2	157.5	98	-179.4
51180	-33.5	159.3	96	-179.1
51190	-34.7	161.1	94	-179.4
51200	-35.7	162.9	93	-179.9
51210	-35.7	164.6	91	-179.9
51220	-34.0	166.4	89	-179.7
51230	-32.4	168.2	87	-179.4
51240	-30.9	170.0	85	-179.1

51250	-29.6	171.8	84	-179.4
51260	-29.3	173.6	82	-179.1
51270	-29.4	175.4	80	-179.4
51280	-29.8	177.2	78	-179.7
51290	-30.1	179.0	76	-179.7
51300	-29.6	180.8	75	-179.7
51310	-28.7	182.6	73	-179.4
51320	-27.5	184.4	71	-179.4
51330	-26.8	186.2	69	-179.7
51340	-26.6	188.0	67	-179.4
51350	-25.6	189.8	66	-179.4
51360	-24.7	191.6	64	-179.4
51370	-23.9	193.4	62	-179.1
51380	-23.5	195.2	60	-179.7
51390	-23.9	197.0	58	-179.7
51400	-23.7	198.7	57	-179.4
51410	-22.8	200.5	55	-179.4
51420	-21.3	202.3	53	-179.7
51430	-20.5	204.1	51	-179.4
51440	-19.5	205.9	50	-179.1
51450	-18.3	207.7	48	-179.4
51460	-17.1	209.5	46	-179.1
51470	-15.6	211.3	44	-179.1
51480	-15.1	213.1	42	-179.4
51490	-15.3	214.9	41	-179.4
51500	-15.1	216.7	39	-179.4
51510	-14.1	218.5	37	-179.4
51520	-12.1	220.3	35	-179.1
51530	-9.6	222.1	33	-179.1
51540	-8.0	223.9	32	-179.4
51550	-6.4	225.7	30	-179.1
51560	-6.0	227.4	28	-179.7
51570	0.5	229.2	26	-178.9
51580	13.8	231.0	24	-173.0
51590	18.4	232.6	23	-163.1
51600	4.9	234.2	21	-157.8
51610	-3.3	235.8	20	-157.3
51620	-6.8	237.4	18	-157.8
51630	-17.0	239.0	16	-158.9
51640	-15.7	240.6	15	-162.6
51650	-4.7	242.2	13	-165.8
51660	-0.7	243.9	12	-166.3
51670	-0.5	245.6	10	-166.1
51680	10.3	247.2	8	-163.7
51690	16.7	248.8	7	-159.2
51700	11.7	250.4	5	-153.8
51710	3.7	251.9	4	-150.6
51720	-0.4	253.4	2	-149.8
51730	-0.1	254.9	1	-149.0
51740	3.4	256.4	-1	-148.2
51750	8.1	257.8	-2	-145.8
51760	11.7	259.3	-4	-142.4
51770	10.3	260.6	-5	-121.3
51780	-3.3	261.8	-6	-118.4

51790	-2.6	262.6	-7	-87.8
51800	-15.9	263.4	-8	-78.5
51810	-25.0	264.0	-9	-58.8
51820	-20.1	264.5	-9	-51.6
51830	-6.0	264.9	-9	-36.7
51840	0.9	265.2	-10	-25.5
51850	12.3	265.5	-10	-24.4
51860	32.4	265.6	-10	-14.9
51870	38.4	265.7	-10	-4.2
51880	31.2	265.7	-10	2.1
51890	21.3	265.6	-10	9.0
51900	15.1	265.5	-10	14.9
51910	14.5	265.3	-10	19.7
51920	18.0	265.1	-10	24.2
51930	23.2	264.8	-9	29.8

ISOK_EXERC_FLEX_EXT_180_R_SIDE
01/08
Set #4

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	18.7	233.6	22	48.9
10	34.2	233.0	22	55.6
20	30.2	232.4	23	65.2
30	4.9	231.7	24	72.6
40	-0.1	231.0	24	74.0
50	-1.6	230.2	25	73.4
60	-1.5	229.5	26	72.1
70	2.0	228.8	27	71.8
80	1.6	228.1	27	71.6
90	8.9	227.3	28	72.1
100	22.0	226.6	29	74.8
110	26.3	225.8	30	80.9
120	17.2	224.9	31	87.5
130	4.5	224.0	31	92.1
140	0.7	223.1	32	93.4
150	1.5	222.2	33	92.9
160	2.8	221.2	34	93.1
170	11.0	220.3	35	93.9
180	17.1	219.3	36	96.9
190	16.7	218.3	37	101.6
200	9.9	217.3	38	105.1
210	3.9	216.2	39	107.5
220	2.0	215.1	40	108.3
230	6.0	214.1	41	108.6
240	11.9	213.0	42	109.9
250	14.9	211.8	44	113.1
260	12.7	210.7	45	116.8
270	8.0	209.5	46	120.0
280	3.7	208.3	47	121.6
290	2.6	207.1	48	122.1
300	5.6	205.8	50	122.7
310	9.8	204.6	51	124.0
320	11.8	203.3	52	126.4
330	10.2	202.0	53	129.1
340	6.9	200.7	55	131.2
350	4.5	199.4	56	132.5
360	4.9	198.1	57	133.3
370	7.6	196.7	59	134.4
380	10.8	195.4	60	136.3
390	12.2	194.0	61	138.7
400	10.4	192.6	63	141.3
410	7.9	191.2	64	144.0
420	5.8	189.7	66	145.3
430	7.5	188.2	67	146.4
440	10.6	186.8	69	148.0
450	12.5	185.3	70	150.9
460	12.1	183.7	72	153.6
470	9.9	182.2	73	156.8
480	7.3	180.6	75	158.6

490	7.2	179.0	76	160.0
500	9.9	177.4	78	161.8
510	12.9	175.8	80	163.9
520	14.0	174.1	81	166.6
530	12.3	172.4	83	170.3
540	9.2	170.7	85	173.0
550	8.0	168.9	87	174.9
560	9.1	167.2	88	176.7
570	11.4	165.4	90	178.9
580	14.6	163.6	92	179.1
590	17.0	161.8	94	179.7
600	17.9	160.0	95	179.7
610	16.7	158.2	97	179.7
620	14.8	156.4	99	179.4
630	13.6	154.6	101	179.4
640	14.2	152.8	103	179.4
650	16.1	151.0	104	179.7
660	17.4	149.2	106	179.9
670	17.8	147.4	108	179.7
680	17.0	145.6	110	179.9
690	15.7	143.8	112	179.9
700	15.2	142.0	113	179.4
710	15.1	140.2	115	179.7
720	15.3	138.4	117	179.7
730	15.7	136.6	119	179.9
740	16.1	134.8	121	179.7
750	15.9	133.0	122	179.7
760	14.9	131.2	124	179.7
770	13.6	129.5	126	179.4
780	12.5	127.7	128	179.4
790	11.9	125.9	130	179.4
800	11.9	124.1	131	179.7
810	11.9	122.3	133	179.4
820	11.1	120.5	135	179.4
830	10.0	118.7	137	179.4
840	9.6	116.9	139	179.7
850	9.1	115.1	140	179.4
860	8.8	113.3	142	179.7
870	8.3	111.5	144	179.4
880	8.1	109.7	146	179.1
890	7.3	107.9	148	179.4
900	6.8	106.1	149	179.7
910	6.0	104.3	151	179.4
920	4.6	102.5	153	179.4
930	3.4	100.7	155	179.4
940	2.6	98.9	157	179.1
950	1.8	97.1	158	179.4
960	1.6	95.4	160	178.9
970	1.6	93.6	162	178.6
980	1.5	91.8	164	178.6
990	1.2	90.0	165	177.8
1000	0.0	88.2	167	176.2
1010	-5.3	86.5	169	174.1
1020	-9.5	84.8	171	170.9

1030	-10.2	83.1	172	167.4
1040	-6.6	81.4	174	164.2
1050	-3.1	79.8	176	161.5
1060	1.9	78.4	177	139.5
1070	12.9	77.3	178	97.1
1080	37.3	76.4	179	85.1
1090	44.3	75.6	180	60.1
1100	34.3	75.1	180	52.1
1110	14.2	74.7	181	38.8
1120	-1.1	74.3	181	31.1
1130	-0.8	74.1	181	21.5
1140	-2.6	73.9	182	16.5
1150	-8.5	73.8	182	10.6
1160	-13.0	73.7	182	8.7
1170	-12.7	73.7	182	3.7
1180	-11.0	73.7	182	0.0
1190	-12.3	73.7	182	0.0
1200	-14.2	73.7	182	-3.9
1210	-15.1	73.8	182	-6.9
1220	-13.6	73.9	182	-10.3
1230	-14.4	74.0	181	-13.8
1240	-18.2	74.2	181	-17.5
1250	-25.9	74.4	181	-24.2
1260	-33.5	74.7	181	-34.8
1270	-37.6	75.1	180	-40.7
1280	-38.9	75.6	180	-45.7
1290	-36.1	76.2	179	-56.1
1300	-30.6	76.9	179	-64.4
1310	-26.2	77.6	178	-71.6
1320	-25.2	78.5	177	-78.0
1330	-26.6	79.4	176	-84.1
1340	-27.7	80.4	175	-100.8
1350	-26.7	81.5	174	-108.0
1360	-24.1	82.6	173	-116.0
1370	-22.8	83.8	172	-122.1
1380	-23.9	85.1	170	-128.5
1390	-27.3	86.4	169	-134.9
1400	-30.2	87.8	168	-142.6
1410	-30.9	89.3	166	-150.6
1420	-27.9	90.9	165	-159.4
1430	-24.7	92.6	163	-166.3
1440	-24.3	94.3	161	-173.0
1450	-29.3	96.0	159	-175.9
1460	-38.8	97.8	158	-176.5
1470	-45.2	99.6	156	-177.5
1480	-46.6	101.3	154	-178.6
1490	-43.9	103.1	152	-178.9
1500	-39.3	104.9	151	-178.9
1510	-36.6	106.7	149	-178.9
1520	-36.3	108.5	147	-178.9
1530	-37.0	110.3	145	-179.4
1540	-38.1	112.1	143	-179.4
1550	-38.8	113.9	142	-179.4
1560	-38.2	115.7	140	-179.4

1570	-36.7	117.5	138	-179.4
1580	-35.1	119.3	136	-179.4
1590	-34.4	121.1	134	-179.4
1600	-35.0	122.9	133	-179.7
1610	-36.1	124.7	131	-179.4
1620	-36.9	126.4	129	-179.7
1630	-36.3	128.2	127	-179.9
1640	-35.0	130.0	125	-179.7
1650	-34.3	131.8	124	-179.4
1660	-34.7	133.6	122	-179.7
1670	-35.9	135.4	120	-179.4
1680	-37.0	137.2	118	-179.7
1690	-38.0	139.0	116	-179.7
1700	-38.0	140.8	115	-179.9
1710	-37.8	142.6	113	-180.2
1720	-37.3	144.4	111	-180.2
1730	-36.2	146.2	109	-179.7
1740	-35.4	148.0	107	-179.7
1750	-35.5	149.8	106	-179.7
1760	-36.7	151.6	104	-179.7
1770	-37.7	153.4	102	-179.7
1780	-37.3	155.2	100	-179.9
1790	-35.5	157.0	98	-179.7
1800	-34.3	158.8	97	-179.4
1810	-34.6	160.6	95	-179.4
1820	-35.7	162.4	93	-179.7
1830	-36.5	164.2	91	-179.7
1840	-36.9	166.0	89	-179.7
1850	-36.1	167.8	88	-179.4
1860	-35.3	169.6	86	-179.1
1870	-33.6	171.4	84	-179.7
1880	-31.6	173.2	82	-179.4
1890	-30.5	175.0	80	-179.1
1900	-30.5	176.8	79	-179.4
1910	-30.8	178.6	77	-179.7
1920	-31.2	180.3	75	-179.4
1930	-30.2	182.1	73	-179.7
1940	-28.9	183.9	72	-179.4
1950	-27.5	185.7	70	-179.1
1960	-26.2	187.5	68	-179.4
1970	-24.5	189.3	66	-179.7
1980	-22.9	191.1	64	-179.1
1990	-21.7	192.9	63	-179.1
2000	-21.4	194.7	61	-179.4
2010	-21.4	196.5	59	-179.4
2020	-21.4	198.3	57	-179.7
2030	-19.8	200.1	55	-179.4
2040	-17.5	201.9	54	-179.4
2050	-15.6	203.7	52	-179.4
2060	-14.4	205.5	50	-179.1
2070	-13.4	207.3	48	-179.4
2080	-12.7	209.0	46	-179.4
2090	-12.1	210.8	45	-179.7
2100	-12.5	212.6	43	-179.1

2110	-13.6	214.4	41	-179.4
2120	-13.7	216.2	39	-179.7
2130	-12.5	218.0	37	-179.7
2140	-10.3	219.8	36	-179.1
2150	-8.1	221.6	34	-179.4
2160	-7.1	223.4	32	-179.4
2170	-6.8	225.2	30	-179.4
2180	-13.3	227.0	28	-179.7
2190	-0.1	228.8	27	-178.9
2200	22.2	230.5	25	-173.5
2210	28.7	232.2	23	-161.8
2220	16.7	233.8	22	-155.2
2230	-2.8	235.3	20	-153.3
2240	-4.2	236.8	19	-153.6
2250	-13.4	238.4	17	-154.1
2260	-14.4	239.9	16	-157.3
2270	-6.0	241.5	14	-160.0
2280	-0.5	243.1	12	-161.3
2290	-0.3	244.7	11	-160.7
2300	12.7	246.3	9	-158.6
2310	20.9	247.9	8	-152.8
2320	17.4	249.4	6	-146.4
2330	7.3	250.8	5	-141.8
2340	0.8	252.2	3	-139.5
2350	-1.8	253.6	2	-138.9
2360	0.0	255.0	0	-138.4
2370	4.1	256.3	-1	-137.6
2380	9.2	257.7	-2	-134.9
2390	12.5	259.0	-4	-131.2
2400	10.0	260.3	-5	-137.1
2410	-2.0	261.3	-6	-104.6
2420	-2.6	262.3	-7	-94.7
2430	-14.8	263.0	-8	-72.1
2440	-25.2	263.6	-8	-60.6
2450	-22.2	264.2	-9	-44.4
2460	-7.9	264.6	-9	-43.3
2470	1.1	264.9	-9	-31.6
2480	1.2	265.2	-10	-23.1
2490	15.7	265.4	-10	-21.8
2500	24.5	265.5	-10	-13.0
2510	23.9	265.6	-10	-4.7
2520	17.9	265.6	-10	0.7
2530	16.4	265.6	-10	2.1
2540	16.7	265.6	-10	7.7
2550	18.6	265.5	-10	12.2
2560	21.0	265.3	-10	16.2
2570	23.3	265.1	-10	20.2
2580	24.8	264.8	-9	25.5
2590	25.4	264.5	-9	31.6
2600	25.5	264.1	-9	37.8
2610	26.2	263.6	-8	44.4
2620	27.0	263.1	-8	51.6
2630	28.1	262.5	-7	57.5
2640	28.1	261.8	-6	64.6

2650	27.1	261.0	-6	71.0
2660	25.4	260.2	-5	77.7
2670	23.7	259.2	-4	93.1
2680	22.8	258.2	-3	99.8
2690	22.5	257.2	-2	106.2
2700	22.6	256.1	-1	112.3
2710	22.9	254.9	1	118.7
2720	22.6	253.6	2	124.5
2730	21.0	252.4	3	131.2
2740	19.9	251.0	4	136.5
2750	19.3	249.6	6	142.1
2760	18.3	248.1	7	146.6
2770	17.9	246.6	9	151.7
2780	17.8	245.1	10	156.5
2790	17.5	243.5	12	160.7
2800	16.7	241.8	14	165.3
2810	15.5	240.2	15	169.3
2820	14.1	238.4	17	173.0
2830	13.0	236.7	19	176.2
2840	12.6	234.9	21	178.9
2850	15.5	233.1	22	179.4
2860	8.7	231.3	24	179.4
2870	0.8	229.5	26	178.6
2880	1.5	227.7	28	178.6
2890	1.6	225.9	30	178.3
2900	2.6	224.2	31	178.1
2910	11.8	222.4	33	178.6
2920	23.3	220.6	35	180.4
2930	28.1	218.8	37	180.7
2940	23.5	217.0	38	180.4
2950	13.2	215.2	40	179.7
2960	3.1	213.4	42	179.1
2970	1.2	211.6	44	178.9
2980	1.9	209.8	46	178.3
2990	4.1	208.0	47	178.3
3000	10.8	206.2	49	179.1
3010	16.4	204.4	51	180.4
3020	16.1	202.6	53	180.2
3030	11.7	200.8	55	179.9
3040	5.7	199.0	56	179.4
3050	2.6	197.2	58	179.1
3060	3.8	195.4	60	179.1
3070	7.5	193.6	62	179.7
3080	12.1	191.8	64	180.2
3090	14.4	190.0	65	180.2
3100	13.7	188.2	67	179.9
3110	11.9	186.4	69	179.9
3120	10.3	184.6	71	179.7
3130	9.9	182.8	73	179.7
3140	10.3	181.0	74	179.7
3150	11.4	179.2	76	179.9
3160	13.7	177.4	78	179.9
3170	15.2	175.6	80	180.2
3180	15.1	173.8	82	179.9

3190	13.8	172.0	83	179.9
3200	12.2	170.3	85	179.7
3210	12.2	168.5	87	179.7
3220	12.9	166.7	89	179.7
3230	14.9	164.9	91	179.9
3240	16.3	163.1	92	179.9
3250	16.8	161.3	94	180.2
3260	16.8	159.5	96	179.9
3270	16.1	157.7	98	179.9
3280	15.2	155.9	100	179.9
3290	15.5	154.1	101	179.9
3300	16.1	152.3	103	179.9
3310	17.5	150.5	105	179.9
3320	17.8	148.7	107	179.9
3330	17.9	146.9	109	180.2
3340	17.1	145.1	110	179.9
3350	17.0	143.3	112	179.7
3360	17.5	141.5	114	179.7
3370	17.8	139.7	116	179.7
3380	18.2	137.9	118	179.9
3390	18.0	136.1	119	179.9
3400	18.2	134.3	121	179.9
3410	18.3	132.5	123	179.9
3420	17.9	130.7	125	179.7
3430	17.5	128.9	127	179.9
3440	16.5	127.1	128	179.9
3450	15.9	125.3	130	179.7
3460	15.5	123.5	132	179.7
3470	14.6	121.7	134	179.7
3480	13.6	119.9	136	179.4
3490	12.6	118.1	137	179.4
3500	11.7	116.3	139	179.7
3510	10.4	114.5	141	179.4
3520	9.1	112.7	143	179.1
3530	6.9	110.9	145	179.4
3540	5.3	109.1	146	179.1
3550	3.8	107.3	148	179.1
3560	3.1	105.5	150	179.4
3570	2.2	103.7	152	179.4
3580	1.8	101.9	154	179.1
3590	1.5	100.2	155	178.6
3600	1.5	98.4	157	178.3
3610	1.4	96.6	159	178.3
3620	0.9	94.8	161	177.8
3630	-2.3	93.0	162	175.7
3640	-8.4	91.3	164	173.0
3650	-9.9	89.6	166	169.5
3660	-7.9	87.9	168	166.1
3670	-4.7	86.3	169	163.1
3680	-5.0	84.7	171	160.7
3690	-8.4	83.1	172	158.1
3700	-12.1	81.5	174	154.4
3710	-14.0	80.0	175	149.0
3720	-9.2	78.7	177	132.3

3730	2.7	77.6	178	95.0
3740	8.1	76.7	179	84.6
3750	23.6	75.9	180	74.2
3760	20.5	75.4	180	54.5
3770	8.3	74.9	181	42.5
3780	-0.8	74.6	181	32.4
3790	-14.1	74.3	181	22.0
3800	-32.3	74.1	181	16.7
3810	-36.9	74.0	181	6.9
3820	-31.6	74.0	181	-1.3
3830	-25.0	74.1	181	-4.7
3840	-23.9	74.2	181	-10.9
3850	-28.2	74.3	181	-16.5
3860	-34.8	74.6	181	-23.1
3870	-36.9	74.9	181	-34.6
3880	-34.3	75.3	180	-40.4
3890	-29.4	75.8	180	-54.0
3900	-27.4	76.4	179	-62.2
3910	-31.2	77.2	178	-77.4
3920	-38.0	77.9	178	-78.8
3930	-43.4	78.7	177	-80.1
3940	-42.7	79.7	176	-91.3
3950	-34.8	80.9	175	-112.6
3960	-25.8	82.1	173	-122.1
3970	-20.7	83.4	172	-129.3
3980	-22.8	84.7	171	-134.9
3990	-28.9	86.1	169	-141.3
4000	-33.2	87.6	168	-149.3
4010	-32.8	89.1	166	-158.1
4020	-29.2	90.8	165	-167.4
4030	-25.6	92.5	163	-174.3
4040	-29.2	94.3	161	-176.2
4050	-39.1	96.0	159	-176.7
4060	-47.9	97.8	158	-177.8
4070	-48.7	99.6	156	-178.6
4080	-44.2	101.4	154	-178.9
4090	-37.3	103.2	152	-178.6
4100	-33.9	105.0	150	-178.6
4110	-36.6	106.7	149	-178.9
4120	-42.2	108.5	147	-179.7
4130	-45.7	110.3	145	-180.2
4140	-46.0	112.1	143	-179.9
4150	-42.4	113.9	142	-179.7
4160	-38.0	115.7	140	-179.4
4170	-34.8	117.5	138	-179.4
4180	-34.3	119.3	136	-179.1
4190	-36.7	121.1	134	-179.4
4200	-40.1	122.9	133	-179.9
4210	-42.6	124.7	131	-179.7
4220	-43.0	126.5	129	-180.2
4230	-41.1	128.3	127	-179.9
4240	-39.2	130.1	125	-179.7
4250	-39.2	131.9	124	-179.4
4260	-40.8	133.7	122	-179.7

4270	-42.4	135.5	120	-179.9
4280	-42.4	137.3	118	-179.7
4290	-41.1	139.1	116	-179.9
4300	-38.9	140.9	115	-179.7
4310	-37.8	142.7	113	-179.7
4320	-38.4	144.5	111	-179.7
4330	-39.1	146.3	109	-179.7
4340	-39.7	148.1	107	-179.7
4350	-39.7	149.9	106	-179.7
4360	-40.0	151.7	104	-179.7
4370	-39.3	153.5	102	-179.7
4380	-37.6	155.3	100	-179.7
4390	-35.4	157.1	98	-179.4
4400	-34.2	158.9	97	-179.1
4410	-34.7	160.6	95	-179.4
4420	-36.2	162.4	93	-179.4
4430	-36.7	164.2	91	-179.4
4440	-35.5	166.0	89	-179.7
4450	-33.2	167.8	88	-179.1
4460	-31.2	169.6	86	-178.9
4470	-30.0	171.4	84	-179.4
4480	-29.4	173.2	82	-179.7
4490	-29.4	175.0	80	-179.4
4500	-30.1	176.8	79	-179.7
4510	-30.1	178.6	77	-179.7
4520	-29.6	180.4	75	-179.4
4530	-28.1	182.2	73	-179.7
4540	-26.4	184.0	71	-179.4
4550	-25.5	185.8	70	-179.1
4560	-25.5	187.6	68	-179.1
4570	-25.0	189.4	66	-179.4
4580	-23.9	191.2	64	-179.1
4590	-22.6	193.0	62	-179.4
4600	-22.2	194.8	61	-179.4
4610	-22.2	196.6	59	-179.4
4620	-22.4	198.3	57	-179.4
4630	-20.9	200.1	55	-179.7
4640	-19.4	201.9	54	-179.4
4650	-18.2	203.7	52	-179.1
4660	-17.0	205.5	50	-179.4
4670	-15.7	207.3	48	-179.1
4680	-14.1	209.1	46	-179.4
4690	-12.2	210.9	45	-179.4
4700	-11.4	212.7	43	-179.1
4710	-11.8	214.5	41	-179.4
4720	-12.1	216.3	39	-179.7
4730	-11.3	218.1	37	-179.4
4740	-9.4	219.9	36	-179.4
4750	-7.6	221.7	34	-179.4
4760	-6.4	223.5	32	-179.1
4770	-5.6	225.3	30	-179.1
4780	-4.3	227.0	28	-179.4
4790	-3.1	228.8	27	-179.1
4800	-2.6	230.6	25	-179.1

4810	-2.8	232.4	23	-179.4
4820	-3.1	234.2	21	-179.1
4830	-3.1	236.0	19	-179.4
4840	-2.0	237.8	18	-179.4
4850	-1.6	239.6	16	-179.4
4860	-1.5	241.4	14	-178.6
4870	-1.5	243.2	12	-178.6
4880	-0.8	245.0	10	-178.1
4890	5.2	246.7	9	-174.3
4900	11.5	248.4	7	-167.9
4910	13.3	250.1	5	-163.7
4920	11.8	251.7	4	-159.2
4930	11.3	253.2	2	-155.2
4940	11.8	254.7	1	-150.6
4950	14.4	256.2	-1	-146.4
4960	17.9	257.6	-2	-141.0
4970	22.0	259.0	-4	-134.4
4980	24.4	260.3	-5	-125.3
4990	17.4	261.3	-6	-102.7
5000	7.1	262.2	-7	-76.4
5010	2.8	262.9	-7	-71.3
5020	7.1	263.6	-8	-52.1
5030	17.6	264.1	-9	-50.8
5040	28.2	264.4	-9	-35.9
5050	35.7	264.7	-9	-23.4
5060	36.5	264.9	-9	-16.7
5070	31.9	265.0	-10	-5.5
5080	27.1	265.0	-10	1.0
5090	27.7	265.0	-10	4.2
5100	29.2	264.9	-9	11.1
5110	30.2	264.7	-9	23.1
5120	28.9	264.4	-9	32.2
5130	25.8	264.0	-9	40.7
5140	22.8	263.6	-8	44.1
5150	21.3	263.1	-8	45.5
5160	22.1	262.6	-7	51.3
5170	23.7	262.0	-7	56.4
5180	25.0	261.3	-6	62.0
5190	23.7	260.6	-5	68.1
5200	21.0	259.8	-4	73.7
5210	18.0	258.9	-3	87.5
5220	16.1	258.0	-3	92.3
5230	15.7	257.0	-2	96.6
5240	16.5	256.0	-1	101.1
5250	17.4	254.9	1	105.6
5260	18.3	253.9	2	110.2
5270	18.2	252.7	3	115.2
5280	18.2	251.5	4	120.0
5290	18.4	250.3	5	125.1
5300	18.3	249.0	6	129.6
5310	17.4	247.7	8	134.7
5320	16.3	246.3	9	138.9
5330	15.9	244.9	11	143.2
5340	15.7	243.4	12	147.2

5350	16.1	241.9	14	151.4
5360	15.9	240.4	15	155.2
5370	14.8	238.8	17	159.2
5380	13.7	237.2	18	162.9
5390	12.7	235.5	20	166.1
5400	12.5	233.8	22	169.0
5410	12.9	232.1	23	171.9
5420	13.0	230.4	25	175.1
5430	11.9	228.6	27	178.1
5440	11.3	226.8	29	179.4
5450	12.7	225.0	30	179.4
5460	15.1	223.2	32	179.7
5470	15.6	221.4	34	179.7
5480	15.2	219.6	36	179.4
5490	14.0	217.8	38	179.7
5500	12.7	216.0	39	179.4
5510	12.6	214.2	41	179.4
5520	12.6	212.4	43	179.4
5530	11.5	210.6	45	179.4
5540	9.9	208.8	47	179.7
5550	8.5	207.0	48	179.4
5560	8.4	205.3	50	179.4
5570	9.6	203.5	52	179.4
5580	11.3	201.7	54	179.4
5590	11.9	199.9	56	179.7
5600	11.3	198.1	57	179.9
5610	10.6	196.3	59	179.9
5620	10.0	194.5	61	179.4
5630	10.2	192.7	63	179.4
5640	11.0	190.9	65	179.9
5650	12.1	189.1	66	179.9
5660	13.8	187.3	68	179.9
5670	14.5	185.5	70	179.9
5680	14.2	183.7	72	180.2
5690	13.4	181.9	74	179.7
5700	11.3	180.1	75	179.7
5710	11.3	178.3	77	179.7
5720	12.6	176.5	79	179.7
5730	14.2	174.7	81	179.7
5740	15.6	172.9	83	180.2
5750	15.3	171.1	84	179.7
5760	14.6	169.3	86	179.9
5770	13.7	167.5	88	179.7
5780	13.2	165.7	90	179.9
5790	14.0	163.9	92	179.7
5800	14.9	162.1	93	179.9
5810	16.4	160.3	95	179.9
5820	16.7	158.5	97	179.9
5830	15.7	156.7	99	179.9
5840	15.1	154.9	101	179.9
5850	14.8	153.1	102	179.7
5860	15.6	151.3	104	179.9
5870	16.4	149.5	106	179.9
5880	16.5	147.7	108	179.9

5890	16.7	145.9	110	179.9
5900	16.4	144.1	111	179.9
5910	16.4	142.3	113	179.7
5920	16.3	140.5	115	179.7
5930	16.0	138.7	117	179.9
5940	15.9	136.9	119	179.9
5950	16.1	135.1	120	179.9
5960	16.4	133.3	122	179.7
5970	16.1	131.5	124	179.9
5980	15.3	129.7	126	179.7
5990	14.1	127.9	128	179.7
6000	12.7	126.1	129	179.7
6010	12.3	124.3	131	179.7
6020	12.2	122.5	133	179.4
6030	11.4	120.8	135	179.4
6040	10.3	119.0	136	179.4
6050	8.8	117.2	138	179.4
6060	7.6	115.4	140	179.4
6070	6.1	113.6	142	179.4
6080	5.2	111.8	144	179.1
6090	4.5	110.0	145	179.1
6100	3.9	108.2	147	179.1
6110	3.7	106.4	149	179.4
6120	3.0	104.6	151	179.7
6130	2.0	102.8	153	179.4
6140	1.5	101.0	154	179.1
6150	1.4	99.2	156	178.6
6160	1.2	97.4	158	178.1
6170	0.8	95.7	160	177.0
6180	-3.9	93.9	162	175.1
6190	-10.4	92.2	163	172.5
6200	-10.8	90.5	165	168.7
6210	-7.6	88.8	167	165.0
6220	-4.1	87.2	168	162.1
6230	-4.5	85.6	170	160.2
6240	-7.7	84.0	171	158.1
6250	-9.8	82.4	173	154.6
6260	-10.2	80.9	175	150.9
6270	-8.4	79.5	176	130.9
6280	2.3	78.2	177	108.3
6290	10.0	77.2	178	96.9
6300	32.0	76.4	179	85.4
6310	33.1	75.7	180	63.0
6320	22.2	75.2	180	49.7
6330	1.8	74.8	181	41.5
6340	-1.4	74.5	181	29.2
6350	-6.8	74.2	181	22.6
6360	-17.6	74.0	181	17.3
6370	-22.8	73.9	182	10.1
6380	-22.9	73.9	182	3.1
6390	-21.8	73.9	182	-0.7
6400	-24.3	73.9	182	-5.3
6410	-27.5	74.0	181	-10.9
6420	-30.5	74.2	181	-17.5

6430	-29.8	74.5	181	-24.7
6440	-27.7	74.8	181	-32.2
6450	-26.6	75.2	180	-38.8
6460	-30.1	75.7	180	-55.3
6470	-36.5	76.3	179	-58.8
6480	-43.3	76.9	179	-62.2
6490	-46.9	77.7	178	-89.1
6500	-45.0	78.6	177	-103.0
6510	-38.6	79.7	176	-116.3
6520	-31.5	80.8	175	-127.5
6530	-27.4	82.0	173	-124.5
6540	-27.1	83.3	172	-132.3
6550	-29.3	84.7	171	-139.7
6560	-30.9	86.2	169	-147.7
6570	-30.5	87.7	168	-156.2
6580	-29.4	89.3	166	-164.5
6590	-29.4	91.1	164	-172.7
6600	-32.8	92.8	163	-176.5
6610	-40.5	94.6	161	-177.0
6620	-48.1	96.4	159	-178.1
6630	-50.7	98.2	157	-179.1
6640	-47.7	99.9	156	-179.1
6650	-42.7	101.7	154	-179.1
6660	-39.5	103.5	152	-178.6
6670	-40.7	105.3	150	-178.9
6680	-46.0	107.1	148	-179.7
6690	-50.4	108.9	147	-180.2
6700	-52.1	110.7	145	-180.2
6710	-50.9	112.5	143	-179.9
6720	-47.7	114.3	141	-179.9
6730	-45.0	116.1	139	-179.4
6740	-44.1	117.9	138	-179.4
6750	-44.6	119.7	136	-179.7
6760	-46.2	121.5	134	-179.7
6770	-47.3	123.3	132	-179.7
6780	-47.3	125.1	130	-179.7
6790	-46.4	126.9	129	-179.9
6800	-44.6	128.7	127	-179.9
6810	-43.7	130.5	125	-179.4
6820	-44.6	132.3	123	-179.4
6830	-46.9	134.1	121	-179.7
6840	-48.0	135.9	120	-179.9
6850	-48.0	137.7	118	-179.9
6860	-46.4	139.5	116	-179.9
6870	-44.7	141.3	114	-179.7
6880	-43.8	143.1	112	-179.7
6890	-43.7	144.9	111	-179.7
6900	-43.1	146.7	109	-179.7
6910	-43.3	148.5	107	-179.4
6920	-43.9	150.2	105	-179.4
6930	-44.6	152.0	103	-179.7
6940	-44.2	153.8	102	-179.7
6950	-42.8	155.6	100	-179.7
6960	-41.0	157.4	98	-179.7

6970	-40.3	159.2	96	-179.4
6980	-40.7	161.0	94	-179.4
6990	-41.2	162.8	93	-179.7
7000	-41.5	164.6	91	-179.4
7010	-40.8	166.4	89	-179.7
7020	-39.9	168.2	87	-179.4
7030	-38.9	170.0	85	-179.1
7040	-38.0	171.8	84	-179.7
7050	-37.3	173.6	82	-179.4
7060	-36.9	175.4	80	-179.1
7070	-36.6	177.2	78	-179.7
7080	-36.5	179.0	76	-179.7
7090	-35.7	180.8	75	-179.4
7100	-34.7	182.6	73	-179.4
7110	-33.4	184.4	71	-179.1
7120	-32.5	186.1	69	-179.1
7130	-31.7	187.9	68	-179.4
7140	-29.6	189.7	66	-179.7
7150	-27.8	191.5	64	-179.4
7160	-26.3	193.3	62	-178.9
7170	-26.0	195.1	60	-179.4
7180	-26.3	196.9	59	-179.7
7190	-25.8	198.7	57	-179.4
7200	-23.7	200.5	55	-179.4
7210	-21.0	202.3	53	-179.1
7220	-18.4	204.1	51	-179.1
7230	-16.3	205.9	50	-179.4
7240	-14.1	207.7	48	-179.4
7250	-12.9	209.5	46	-179.1
7260	-12.1	211.3	44	-179.1
7270	-12.7	213.0	42	-179.4
7280	-14.0	214.8	41	-179.7
7290	-14.5	216.6	39	-179.7
7300	-13.4	218.4	37	-179.7
7310	-11.3	220.2	35	-179.1
7320	-9.6	222.0	33	-179.4
7330	-9.1	223.8	32	-179.4
7340	-9.1	225.6	30	-179.1
7350	-11.8	227.4	28	-179.9
7360	-3.5	229.2	26	-179.4
7370	-1.2	231.0	24	-178.6
7380	-1.1	232.8	23	-178.6
7390	0.5	234.6	21	-178.1
7400	0.9	236.3	19	-172.5
7410	-2.3	238.0	17	-170.3
7420	-2.2	239.7	16	-170.6
7430	-2.0	241.4	14	-170.1
7440	-1.8	243.1	12	-170.1
7450	-1.6	244.8	11	-169.8
7460	-1.1	246.5	9	-169.3
7470	3.9	248.2	7	-168.5
7480	10.3	249.9	6	-165.5
7490	12.7	251.5	4	-161.8
7500	11.8	253.1	2	-157.3

7510	8.4	254.6	1	-153.0
7520	5.6	256.1	-1	-150.1
7530	6.1	257.6	-2	-147.7
7540	9.4	259.1	-4	-145.0
7550	12.3	260.5	-5	-151.7
7560	5.0	261.6	-6	-111.5
7570	-1.9	262.6	-7	-99.5
7580	-1.4	263.3	-8	-73.2
7590	-7.3	264.0	-9	-64.1
7600	-8.4	264.4	-9	-47.3
7610	-0.8	264.9	-9	-40.9
7620	0.5	265.2	-10	-30.0
7630	5.4	265.4	-10	-21.2
7640	25.5	265.6	-10	-17.8
7650	34.3	265.7	-10	-6.9
7660	34.4	265.7	-10	2.3
7670	28.7	265.6	-10	6.6
7680	20.9	265.5	-10	13.5
7690	17.0	265.3	-10	18.6
7700	19.8	265.1	-10	23.1
7710	26.2	264.8	-9	28.2
7720	31.9	264.4	-9	34.8
7730	33.9	264.0	-9	42.5
7740	31.5	263.4	-8	50.8
7750	26.6	262.8	-7	71.0
7760	23.9	262.1	-7	78.0
7770	24.7	261.3	-6	86.2
7780	27.4	260.4	-5	93.7
7790	29.7	259.5	-4	101.6
7800	28.9	258.6	-3	100.6
7810	24.7	257.5	-2	108.6
7820	19.9	256.3	-1	115.8
7830	17.4	255.1	0	121.1
7840	18.6	253.9	2	125.6
7850	22.0	252.6	3	130.7
7860	23.7	251.3	4	136.5
7870	23.2	249.8	6	143.2
7880	20.1	248.4	7	148.8
7890	15.5	246.8	9	154.1
7900	12.7	245.3	10	157.8
7910	13.2	243.7	12	161.0
7920	15.3	242.0	13	163.9
7930	17.2	240.4	15	167.7
7940	16.7	238.7	17	171.9
7950	14.0	236.9	19	175.9
7960	11.0	235.1	20	178.9
7970	10.6	233.3	22	179.4
7980	13.2	231.5	24	179.7
7990	16.1	229.7	26	179.7
8000	17.2	227.9	28	179.9
8010	12.6	226.1	29	179.7
8020	12.3	224.3	31	179.7
8030	12.1	222.5	33	179.7
8040	13.2	220.8	35	179.7

8050	14.2	219.0	36	179.7
8060	14.2	217.2	38	179.7
8070	12.5	215.4	40	179.7
8080	10.2	213.6	42	179.4
8090	7.1	211.8	44	179.4
8100	5.2	210.0	45	178.9
8110	5.6	208.2	47	179.4
8120	7.2	206.4	49	179.7
8130	9.4	204.6	51	179.9
8140	10.2	202.8	53	179.9
8150	9.4	201.0	54	179.7
8160	7.1	199.2	56	179.7
8170	4.7	197.4	58	179.4
8180	4.3	195.6	60	179.4
8190	5.6	193.8	62	179.7
8200	7.1	192.0	63	179.7
8210	8.4	190.2	65	179.7
8220	8.5	188.4	67	179.9
8230	8.4	186.6	69	179.7
8240	8.0	184.8	71	179.9
8250	8.3	183.0	72	179.7
8260	8.4	181.2	74	179.9
8270	8.5	179.4	76	179.9
8280	9.9	177.6	78	179.9
8290	11.5	175.8	80	179.9
8300	12.2	174.0	81	179.9
8310	12.1	172.2	83	179.9
8320	10.7	170.4	85	179.9
8330	10.6	168.6	87	179.7
8340	10.6	166.8	89	180.2
8350	11.7	165.0	90	179.7
8360	12.5	163.2	92	179.9
8370	13.4	161.4	94	179.9
8380	13.8	159.6	96	179.9
8390	14.0	157.8	98	179.9
8400	13.6	156.0	99	179.9
8410	13.6	154.2	101	179.9
8420	13.8	152.4	103	179.7
8430	14.0	150.6	105	179.7
8440	13.7	148.8	107	179.9
8450	13.8	147.0	108	179.9
8460	13.4	145.2	110	179.7
8470	13.0	143.4	112	179.9
8480	13.3	141.7	114	179.7
8490	13.4	139.9	116	179.7
8500	13.3	138.1	117	179.7
8510	13.6	136.3	119	179.7
8520	13.4	134.5	121	179.9
8530	13.6	132.7	123	179.7
8540	12.7	130.9	125	179.7
8550	12.3	129.1	126	179.7
8560	11.8	127.3	128	179.9
8570	11.1	125.5	130	179.4
8580	11.0	123.7	132	179.7

8590	10.4	121.9	134	179.7
8600	9.4	120.1	135	179.4
8610	8.5	118.3	137	179.4
8620	7.9	116.5	139	179.4
8630	7.1	114.7	141	179.4
8640	6.0	112.9	143	179.4
8650	4.7	111.1	144	179.4
8660	3.5	109.3	146	179.1
8670	2.3	107.5	148	179.1
8680	1.8	105.7	150	179.4
8690	1.6	103.9	152	178.9
8700	1.5	102.2	153	178.6
8710	1.4	100.4	155	178.3
8720	1.2	98.6	157	177.8
8730	0.9	96.8	159	176.2
8740	-3.4	95.1	160	175.1
8750	-9.5	93.3	162	172.2
8760	-10.6	91.6	164	168.7
8770	-8.1	90.0	165	165.0
8780	-5.4	88.4	167	161.8
8790	-5.7	86.7	169	159.7
8800	-8.8	85.2	170	157.0
8810	-12.3	83.6	172	153.3
8820	-12.3	82.1	173	149.0
8830	-10.3	80.7	175	144.5
8840	-5.3	79.3	176	123.7
8850	2.0	78.1	177	124.5
8860	8.8	77.2	178	91.5
8870	26.4	76.4	179	81.1
8880	24.7	75.7	180	60.4
8890	12.5	75.2	180	47.9
8900	-0.8	74.8	181	37.0
8910	-10.4	74.5	181	25.8
8920	-26.0	74.3	181	21.0
8930	-28.9	74.2	181	11.9
8940	-27.1	74.1	181	5.0
8950	-21.4	74.1	181	-1.8
8960	-19.7	74.1	181	-6.1
8970	-20.5	74.2	181	-11.9
8980	-26.3	74.4	181	-18.9
8990	-30.6	74.6	181	-27.4
9000	-32.7	74.9	181	-33.2
9010	-32.0	75.3	180	-37.8
9020	-31.3	75.8	180	-45.7
9030	-33.4	76.4	179	-65.7
9040	-38.0	77.0	178	-68.9
9050	-43.1	77.8	178	-71.6
9060	-45.7	78.7	177	-82.7
9070	-43.3	79.7	176	-93.1
9080	-36.5	80.9	175	-115.0
9090	-29.6	82.1	173	-125.1
9100	-26.2	83.4	172	-133.3
9110	-27.7	84.8	171	-140.0
9120	-31.1	86.2	169	-147.7

9130	-34.7	87.8	168	-156.5
9140	-35.1	89.4	166	-165.5
9150	-33.0	91.2	164	-175.1
9160	-34.2	92.9	163	-176.5
9170	-40.1	94.7	161	-177.0
9180	-46.9	96.5	159	-178.3
9190	-49.9	98.3	157	-179.1
9200	-47.5	100.1	155	-179.1
9210	-42.8	101.8	154	-179.1
9220	-39.1	103.6	152	-178.9
9230	-39.7	105.4	150	-178.9
9240	-44.3	107.2	148	-179.4
9250	-48.4	109.0	146	-180.2
9260	-49.6	110.8	145	-179.9
9270	-47.7	112.6	143	-179.9
9280	-43.7	114.4	141	-179.4
9290	-40.7	116.2	139	-179.1
9300	-39.5	118.0	137	-179.4
9310	-40.8	119.8	136	-179.4
9320	-43.0	121.6	134	-179.4
9330	-45.3	123.4	132	-179.9
9340	-46.6	125.2	130	-179.9
9350	-46.4	127.0	128	-179.9
9360	-45.0	128.8	127	-179.9
9370	-43.8	130.6	125	-179.4
9380	-43.7	132.4	123	-179.7
9390	-44.7	134.2	121	-179.7
9400	-45.7	136.0	119	-179.9
9410	-46.0	137.8	118	-179.7
9420	-45.3	139.6	116	-179.9
9430	-44.5	141.4	114	-179.9
9440	-43.8	143.2	112	-179.7
9450	-43.4	145.0	110	-179.9
9460	-42.6	146.8	109	-179.7
9470	-43.0	148.6	107	-179.4
9480	-44.1	150.4	105	-179.7
9490	-44.7	152.2	103	-179.9
9500	-44.2	154.0	101	-179.7
9510	-42.8	155.8	100	-179.7
9520	-41.4	157.6	98	-179.4
9530	-40.7	159.3	96	-179.4
9540	-40.7	161.1	94	-179.4
9550	-40.4	162.9	93	-179.7
9560	-39.9	164.7	91	-179.7
9570	-39.1	166.5	89	-179.4
9580	-38.4	168.3	87	-179.1
9590	-37.7	170.1	85	-179.1
9600	-36.5	171.9	84	-179.4
9610	-35.3	173.7	82	-179.4
9620	-34.3	175.5	80	-179.1
9630	-34.0	177.3	78	-179.4
9640	-33.9	179.1	76	-179.7
9650	-33.4	180.9	75	-179.4
9660	-32.1	182.7	73	-179.4

9670	-31.1	184.5	71	-179.4
9680	-30.4	186.3	69	-179.4
9690	-29.4	188.1	67	-179.4
9700	-28.5	189.9	66	-179.4
9710	-27.5	191.7	64	-179.4
9720	-26.6	193.4	62	-179.1
9730	-26.0	195.2	60	-179.7
9740	-26.2	197.0	58	-179.7
9750	-26.0	198.8	57	-179.4
9760	-25.1	200.6	55	-179.7
9770	-23.2	202.4	53	-179.4
9780	-22.1	204.2	51	-179.1
9790	-20.3	206.0	49	-179.7
9800	-18.4	207.8	48	-179.4
9810	-16.4	209.6	46	-179.1
9820	-14.2	211.4	44	-178.9
9830	-14.2	213.2	42	-179.1
9840	-15.1	215.0	40	-179.1
9850	-15.5	216.8	39	-179.4
9860	-14.9	218.6	37	-179.4
9870	-12.9	220.4	35	-179.4
9880	-10.6	222.1	33	-179.4
9890	-9.2	223.9	32	-179.1
9900	-7.7	225.7	30	-179.1
9910	-9.4	227.5	28	-179.4
9920	-1.8	229.3	26	-179.1
9930	-1.5	231.1	24	-178.6
9940	-1.5	232.9	23	-178.6
9950	-2.0	234.7	21	-178.3
9960	-1.9	236.5	19	-178.1
9970	-1.9	238.2	17	-177.0
9980	-2.2	240.0	15	-172.2
9990	-2.2	241.7	14	-171.7
10000	-2.8	243.4	12	-171.7
10010	-4.2	245.1	10	-171.7
10020	-3.0	246.8	9	-171.9
10030	-1.2	248.6	7	-172.2
10040	-1.4	250.3	5	-171.7
10050	2.2	252.0	3	-170.9
10060	13.4	253.7	2	-167.9
10070	17.9	255.3	0	-162.3
10080	14.8	256.9	-1	-156.0
10090	7.7	258.4	-3	-151.4
10100	2.0	259.9	-4	-148.8
10110	-2.3	261.2	-6	-129.6
10120	-3.5	262.3	-7	-91.8
10130	-19.8	263.2	-8	-82.5
10140	-27.8	263.9	-8	-72.6
10150	-19.9	264.4	-9	-52.4
10160	-0.4	264.9	-9	-43.9
10170	1.5	265.2	-10	-30.8
10180	16.8	265.4	-10	-19.9
10190	33.2	265.6	-10	-14.3
10200	38.9	265.7	-10	-2.1

10210	33.1	265.6	-10	2.9
10220	25.5	265.5	-10	10.9
10230	18.2	265.4	-10	17.8
10240	19.0	265.2	-10	25.0
10250	24.1	264.9	-9	30.3
10260	29.6	264.6	-9	37.8
10270	32.1	264.2	-9	46.5
10280	30.8	263.7	-8	55.9
10290	27.0	263.1	-8	59.1
10300	24.5	262.5	-7	59.6
10310	25.1	261.8	-6	65.7
10320	27.8	261.0	-6	72.1
10330	30.0	260.1	-5	79.0
10340	29.4	259.1	-4	95.8
10350	25.8	258.1	-3	103.8
10360	20.7	257.0	-2	111.0
10370	18.0	255.9	0	116.6
10380	18.4	254.7	1	121.6
10390	21.2	253.4	2	126.7
10400	23.1	252.1	3	132.3
10410	23.1	250.7	5	138.7
10420	20.6	249.3	6	144.5
10430	16.3	247.8	8	150.1
10440	13.0	246.3	9	154.1
10450	12.7	244.7	11	157.3
10460	15.1	243.1	12	160.2
10470	17.5	241.5	14	164.5
10480	17.6	239.8	16	168.7
10490	14.9	238.1	17	173.0
10500	11.4	236.3	19	176.2
10510	8.4	234.6	21	178.9
10520	8.9	232.8	23	179.1
10530	12.3	231.0	24	179.7
10540	15.5	229.2	26	179.7
10550	17.5	227.4	28	179.7
10560	17.0	225.6	30	179.9
10570	14.2	223.8	32	179.7
10580	11.0	222.0	33	179.4
10590	8.3	220.2	35	179.4
10600	7.2	218.4	37	179.1
10610	7.6	216.6	39	179.1
10620	9.2	214.8	41	179.7
10630	11.0	213.0	42	179.7
10640	12.2	211.2	44	179.7
10650	12.3	209.4	46	179.9
10660	10.8	207.6	48	179.7
10670	7.7	205.8	50	179.4
10680	4.5	204.0	51	179.4
10690	2.3	202.2	53	179.4
10700	3.3	200.5	55	179.4
10710	5.8	198.7	57	179.4
10720	9.1	196.9	59	179.7
10730	11.4	195.1	60	179.9
10740	10.6	193.3	62	179.7

10750	8.4	191.5	64	179.9
10760	5.7	189.7	66	179.7
10770	5.2	187.9	68	179.7
10780	7.3	186.1	69	179.7
10790	10.6	184.3	71	179.9
10800	12.7	182.5	73	179.9
10810	12.3	180.7	75	179.9
10820	10.7	178.9	77	179.7
10830	9.8	177.1	78	179.9
10840	9.6	175.3	80	179.7
10850	10.6	173.5	82	179.9
10860	12.1	171.7	84	179.4
10870	12.7	169.9	86	179.9
10880	13.2	168.1	87	179.9
10890	12.6	166.3	89	179.9
10900	12.3	164.5	91	179.9
10910	12.1	162.7	93	179.9
10920	12.7	160.9	95	179.9
10930	14.0	159.1	96	179.9
10940	14.9	157.3	98	179.9
10950	15.9	155.5	100	180.2
10960	16.1	153.7	102	179.9
10970	16.4	151.9	104	179.9
10980	16.5	150.1	105	179.9
10990	16.3	148.3	107	179.9
11000	16.3	146.5	109	179.9
11010	16.5	144.7	111	179.7
11020	16.8	142.9	113	179.9
11030	16.8	141.1	114	179.7
11040	16.3	139.3	116	179.9
11050	15.6	137.5	118	179.7
11060	15.1	135.7	120	179.9
11070	15.2	133.9	122	179.9
11080	15.6	132.1	123	179.7
11090	15.2	130.3	125	179.9
11100	15.1	128.5	127	179.7
11110	14.4	126.7	129	179.7
11120	13.7	124.9	131	179.4
11130	13.2	123.1	132	179.4
11140	11.9	121.3	134	179.7
11150	10.6	119.5	136	179.4
11160	9.4	117.7	138	179.4
11170	8.0	115.9	140	179.4
11180	6.9	114.1	141	179.4
11190	5.2	112.3	143	179.4
11200	3.5	110.6	145	179.1
11210	1.9	108.8	147	179.4
11220	1.6	107.0	148	179.1
11230	1.5	105.2	150	178.9
11240	1.4	103.4	152	178.6
11250	1.4	101.6	154	178.1
11260	1.1	99.8	156	177.5
11270	-0.8	98.1	157	175.7
11280	-6.0	96.3	159	173.8

11290	-9.1	94.6	161	170.6
11300	-8.5	92.9	163	167.1
11310	-6.0	91.3	164	163.9
11320	-4.3	89.7	166	161.8
11330	-5.2	88.1	167	159.4
11340	-8.5	86.5	169	156.5
11350	-12.1	84.9	171	153.0
11360	-12.9	83.5	172	148.2
11370	-11.1	82.0	173	144.2
11380	-8.0	80.6	175	140.2
11390	-5.8	79.3	176	119.8
11400	2.0	78.1	177	120.3
11410	1.9	77.2	178	89.4
11420	11.1	76.4	179	79.3
11430	17.1	75.8	180	58.8
11440	12.5	75.3	180	47.6
11450	-1.9	74.9	181	40.9
11460	-2.4	74.6	181	29.5
11470	-16.5	74.4	181	22.0
11480	-28.3	74.2	181	12.7
11490	-32.1	74.1	181	4.7
11500	-26.7	74.1	181	-2.6
11510	-21.2	74.2	181	-7.7
11520	-18.8	74.3	181	-12.7
11530	-23.2	74.5	181	-17.8
11540	-29.0	74.8	181	-23.9
11550	-32.3	75.1	180	-30.8
11560	-31.5	75.5	180	-38.6
11570	-29.2	76.0	179	-46.5
11580	-29.2	76.5	179	-53.2
11590	-33.4	77.2	178	-74.2
11600	-39.1	78.0	177	-84.1
11610	-43.0	78.8	177	-78.0
11620	-43.0	79.7	176	-88.9
11630	-36.9	80.9	175	-110.2
11640	-29.4	82.0	173	-120.3
11650	-24.4	83.3	172	-128.5
11660	-25.1	84.6	171	-134.9
11670	-29.6	86.0	169	-142.1
11680	-33.1	87.5	168	-150.4
11690	-33.5	89.1	166	-159.4
11700	-30.5	90.8	165	-168.5
11710	-27.4	92.5	163	-175.1
11720	-30.9	94.3	161	-176.2
11730	-39.5	96.0	159	-177.0
11740	-46.5	97.8	158	-178.3
11750	-46.4	99.6	156	-179.1
11760	-41.9	101.4	154	-179.1
11770	-35.7	103.2	152	-178.6
11780	-33.2	105.0	150	-178.9
11790	-35.9	106.8	149	-179.1
11800	-40.8	108.6	147	-179.7
11810	-43.9	110.4	145	-179.7
11820	-44.3	112.2	143	-180.2

11830	-42.0	114.0	141	-179.7
11840	-39.3	115.8	140	-179.7
11850	-36.7	117.5	138	-179.4
11860	-35.9	119.3	136	-179.4
11870	-37.2	121.1	134	-179.1
11880	-39.7	122.9	133	-179.7
11890	-41.5	124.7	131	-179.9
11900	-42.0	126.5	129	-179.9
11910	-40.7	128.3	127	-179.9
11920	-38.6	130.1	125	-179.7
11930	-37.4	131.9	124	-179.4
11940	-38.1	133.7	122	-179.7
11950	-40.0	135.5	120	-179.4
11960	-41.2	137.3	118	-179.7
11970	-41.2	139.1	116	-180.2
11980	-39.9	140.9	115	-179.4
11990	-38.4	142.7	113	-179.7
12000	-38.0	144.5	111	-179.9
12010	-38.4	146.3	109	-179.7
12020	-39.7	148.1	107	-179.4
12030	-41.5	149.9	106	-179.7
12040	-43.4	151.7	104	-179.9
12050	-43.7	153.5	102	-179.9
12060	-42.2	155.3	100	-179.9
12070	-39.9	157.1	98	-179.7
12080	-38.1	158.9	97	-179.1
12090	-38.2	160.7	95	-179.4
12100	-39.3	162.5	93	-179.7
12110	-40.3	164.3	91	-179.7
12120	-40.5	166.1	89	-179.9
12130	-39.9	167.9	88	-179.4
12140	-39.1	169.7	86	-179.1
12150	-37.7	171.5	84	-179.7
12160	-36.1	173.3	82	-179.4
12170	-35.1	175.0	80	-179.1
12180	-35.0	176.8	79	-179.7
12190	-35.0	178.6	77	-179.7
12200	-35.3	180.4	75	-179.7
12210	-34.4	182.2	73	-179.7
12220	-33.4	184.0	71	-179.4
12230	-32.1	185.8	70	-179.1
12240	-30.8	187.6	68	-179.1
12250	-28.7	189.4	66	-179.7
12260	-26.7	191.2	64	-179.1
12270	-25.2	193.0	62	-179.1
12280	-25.0	194.8	61	-179.1
12290	-25.2	196.6	59	-179.4
12300	-25.0	198.4	57	-179.4
12310	-22.9	200.2	55	-179.4
12320	-20.2	202.0	53	-179.1
12330	-17.5	203.8	52	-179.1
12340	-15.5	205.5	50	-179.1
12350	-13.6	207.3	48	-179.1
12360	-12.3	209.1	46	-179.1

12370	-11.4	210.9	45	-179.4
12380	-11.4	212.7	43	-179.4
12390	-12.6	214.5	41	-179.4
12400	-13.3	216.3	39	-179.7
12410	-12.6	218.1	37	-179.4
12420	-10.8	219.9	36	-179.1
12430	-9.1	221.7	34	-179.4
12440	-7.9	223.5	32	-179.4
12450	-7.2	225.3	30	-179.4
12460	-6.2	227.1	28	-179.7
12470	-2.6	228.9	27	-179.1
12480	-1.5	230.7	25	-178.9
12490	-1.8	232.4	23	-178.9
12500	-1.9	234.2	21	-178.3
12510	-1.6	236.0	19	-178.1
12520	-1.8	237.8	18	-177.8
12530	-1.6	239.5	16	-173.8
12540	-1.8	241.3	14	-171.4
12550	-0.7	243.0	12	-171.4
12560	2.6	244.7	11	-170.1
12570	6.2	246.4	9	-168.2
12580	7.9	248.0	7	-165.0
12590	7.7	249.7	6	-161.5
12600	6.1	251.3	4	-158.6
12610	6.4	252.8	3	-156.2
12620	7.7	254.4	1	-153.0
12630	9.4	255.9	0	-150.1
12640	10.8	257.3	-2	-146.1
12650	12.7	258.8	-3	-141.8
12660	14.8	260.1	-5	-123.2
12670	9.4	261.3	-6	-102.2
12680	-2.2	262.3	-7	-93.4
12690	-1.4	263.1	-8	-68.1
12700	-1.2	263.7	-8	-61.4
12710	-0.5	264.3	-9	-44.4
12720	0.0	264.7	-9	-43.6
12730	0.7	265.0	-10	-32.2
12740	15.6	265.3	-10	-22.3
12750	32.4	265.5	-10	-18.1
12760	38.9	265.6	-10	-6.6
12770	36.7	265.6	-10	1.3
12780	30.5	265.5	-10	9.3
12790	22.4	265.4	-10	15.9
12800	17.6	265.2	-10	22.0
12810	19.0	264.9	-9	27.1
12820	24.4	264.6	-9	29.0
12830	30.0	264.2	-9	35.6
12840	32.5	263.8	-8	42.8
12850	30.6	263.2	-8	56.9
12860	26.7	262.6	-7	64.6
12870	23.7	261.9	-6	64.6
12880	23.9	261.1	-6	70.5
12890	25.8	260.3	-5	76.6
12900	27.0	259.3	-4	92.1

12910	25.5	258.4	-3	99.5
12920	22.1	257.3	-2	106.4
12930	18.8	256.2	-1	112.6
12940	18.0	255.0	0	117.6
12950	19.5	253.8	2	122.4
12960	21.4	252.6	3	128.0
12970	22.4	251.2	4	133.6
12980	20.7	249.9	6	139.5
12990	17.5	248.4	7	144.8
13000	13.7	246.9	9	149.0
13010	12.3	245.4	10	152.5
13020	13.7	243.9	12	155.7
13030	15.5	242.3	13	158.9
13040	16.3	240.7	15	162.6
13050	14.6	239.0	16	166.3
13060	11.7	237.3	18	169.8
13070	9.2	235.6	20	172.7
13080	8.7	233.9	22	174.9
13090	10.4	232.1	23	176.7
13100	12.5	230.3	25	178.9
13110	14.1	228.5	27	179.7
13120	15.1	226.7	29	179.7
13130	15.3	224.9	31	179.4
13140	14.2	223.1	32	179.7
13150	12.3	221.3	34	179.4
13160	10.8	219.5	36	179.4
13170	10.0	217.8	38	179.4
13180	9.6	216.0	39	179.4
13190	10.3	214.2	41	179.4
13200	10.6	212.4	43	179.7
13210	10.4	210.6	45	179.4
13220	10.6	208.8	47	179.7
13230	9.9	207.0	48	179.7
13240	8.5	205.2	50	179.4
13250	5.3	203.4	52	179.4
13260	2.8	201.6	54	179.4
13270	2.4	199.8	56	179.4
13280	3.7	198.0	57	179.1
13290	7.1	196.2	59	179.7
13300	10.4	194.4	61	179.9
13310	11.7	192.6	63	179.9
13320	9.5	190.8	65	179.9
13330	5.7	189.0	66	179.9
13340	4.1	187.2	68	179.7
13350	4.1	185.4	70	179.4
13360	6.4	183.6	72	179.7
13370	9.9	181.8	74	179.7
13380	11.1	180.0	75	179.9
13390	11.4	178.2	77	180.2
13400	11.0	176.4	79	179.9
13410	10.0	174.6	81	179.7
13420	9.6	172.8	83	179.7
13430	9.4	171.0	84	179.7
13440	10.2	169.2	86	179.7

13450	11.3	167.4	88	179.7
13460	11.9	165.6	90	179.9
13470	12.3	163.8	92	180.2
13480	12.2	162.0	93	179.7
13490	12.2	160.2	95	179.9
13500	12.2	158.4	97	179.9
13510	12.1	156.6	99	179.9
13520	12.5	154.8	101	179.9
13530	13.4	153.0	102	179.9
13540	15.2	151.2	104	179.9
13550	16.0	149.4	106	180.2
13560	15.9	147.6	108	179.9
13570	15.5	145.8	110	179.7
13580	15.2	144.0	111	179.9
13590	15.3	142.3	113	179.9
13600	15.9	140.5	115	179.7
13610	16.1	138.7	117	179.9
13620	16.3	136.9	119	180.2
13630	16.3	135.1	120	179.9
13640	16.1	133.3	122	179.9
13650	15.5	131.5	124	179.9
13660	15.1	129.7	126	179.7
13670	14.8	127.9	128	179.9
13680	14.0	126.1	129	179.9
13690	13.6	124.3	131	179.9
13700	13.4	122.5	133	179.7
13710	12.5	120.7	135	179.4
13720	11.8	118.9	137	179.7
13730	10.8	117.1	138	179.4
13740	10.0	115.3	140	179.4
13750	8.7	113.5	142	179.4
13760	7.1	111.7	144	179.4
13770	5.7	109.9	146	179.4
13780	4.2	108.1	147	179.4
13790	3.4	106.3	149	179.1
13800	2.6	104.5	151	179.4
13810	1.8	102.7	153	179.7
13820	1.5	100.9	155	179.1
13830	1.5	99.1	156	178.6
13840	1.4	97.4	158	178.3
13850	1.1	95.6	160	178.1
13860	-0.7	93.8	162	176.7
13870	-7.1	92.1	163	174.1
13880	-10.0	90.3	165	170.6
13890	-8.7	88.7	167	166.6
13900	-5.3	87.0	168	163.7
13910	-4.9	85.4	170	161.3
13920	-7.1	83.8	172	158.9
13930	-10.6	82.2	173	156.0
13940	-12.9	80.7	175	151.7
13950	-11.4	79.2	176	157.8
13960	0.0	78.1	177	117.1
13970	3.1	77.1	178	84.3
13980	15.2	76.3	179	74.8

13990	19.4	75.7	180	53.7
14000	11.9	75.2	180	47.1
14010	-2.4	74.8	181	35.9
14020	-5.8	74.5	181	24.7
14030	-19.9	74.2	181	20.4
14040	-23.1	74.1	181	11.9
14050	-20.2	74.0	181	5.8
14060	-11.7	74.0	181	-0.2
14070	-8.8	74.0	181	-0.5
14080	-11.8	74.1	181	-5.3
14090	-20.3	74.1	181	-8.5
14100	-27.1	74.2	181	-14.9
14110	-29.2	74.4	181	-20.7
14120	-26.8	74.7	181	-31.1
14130	-24.5	75.0	180	-39.1
14140	-26.4	75.4	180	-46.5
14150	-32.0	75.9	180	-49.2
14160	-38.0	76.5	179	-52.4
14170	-40.3	77.2	178	-75.8
14180	-38.2	77.9	178	-87.8
14190	-31.9	78.8	177	-98.7
14200	-26.2	79.8	176	-108.6
14210	-24.3	80.8	175	-116.0
14220	-26.4	81.9	174	-112.3
14230	-30.0	83.1	172	-120.3
14240	-32.0	84.4	171	-128.3
14250	-30.8	85.7	170	-137.3
14260	-28.9	87.2	168	-145.8
14270	-27.8	88.7	167	-153.6
14280	-29.2	90.3	165	-161.3
14290	-30.4	91.9	164	-169.3
14300	-31.1	93.7	162	-176.2
14310	-34.0	95.5	160	-176.7
14320	-38.9	97.2	158	-177.3
14330	-42.4	99.0	156	-177.8
14340	-43.1	100.8	155	-178.6
14350	-42.4	102.6	153	-178.9
14360	-41.6	104.4	151	-179.1
14370	-41.9	106.2	149	-179.4
14380	-42.7	108.0	147	-179.4
14390	-42.2	109.7	146	-179.7
14400	-40.4	111.5	144	-179.4
14410	-38.8	113.3	142	-179.1
14420	-37.7	115.1	140	-179.4
14430	-37.6	116.9	139	-179.4
14440	-38.8	118.7	137	-179.4
14450	-40.0	120.5	135	-179.9
14460	-40.8	122.3	133	-179.7
14470	-41.6	124.1	131	-179.9
14480	-41.5	125.9	130	-179.9
14490	-40.1	127.7	128	-179.9
14500	-38.5	129.5	126	-179.7
14510	-38.0	131.3	124	-179.7
14520	-39.1	133.1	122	-179.4

14530	-40.5	134.9	121	-179.7
14540	-41.4	136.7	119	-179.9
14550	-41.5	138.5	117	-179.7
14560	-41.1	140.3	115	-179.4
14570	-40.1	142.1	113	-179.7
14580	-39.5	143.9	112	-179.7
14590	-38.2	145.7	110	-179.4
14600	-37.3	147.5	108	-179.4
14610	-37.0	149.3	106	-179.4
14620	-37.4	151.1	104	-179.4
14630	-37.7	152.9	103	-179.9
14640	-37.8	154.7	101	-179.9
14650	-37.6	156.5	99	-179.7
14660	-36.9	158.3	97	-179.4
14670	-37.0	160.1	95	-179.7
14680	-38.0	161.8	94	-179.7
14690	-38.4	163.6	92	-179.9
14700	-38.8	165.4	90	-179.9
14710	-38.9	167.2	88	-179.4
14720	-38.8	169.0	86	-179.4
14730	-38.5	170.8	85	-179.7
14740	-37.7	172.6	83	-179.7
14750	-36.9	174.4	81	-179.7
14760	-36.6	176.2	79	-179.7
14770	-36.9	178.0	77	-179.7
14780	-37.3	179.8	76	-179.7
14790	-37.4	181.6	74	-179.9
14800	-37.2	183.4	72	-179.4
14810	-36.9	185.2	70	-179.4
14820	-36.3	187.0	68	-179.7
14830	-34.8	188.8	67	-179.7
14840	-33.5	190.6	65	-179.7
14850	-33.0	192.4	63	-179.4
14860	-32.5	194.2	61	-179.1
14870	-32.5	196.0	59	-179.4
14880	-32.3	197.8	58	-179.7
14890	-30.9	199.6	56	-179.7
14900	-28.7	201.4	54	-179.1
14910	-26.7	203.2	52	-179.1
14920	-25.0	204.9	51	-179.1
14930	-23.2	206.7	49	-179.1
14940	-21.4	208.5	47	-179.4
14950	-19.7	210.3	45	-179.1
14960	-18.3	212.1	43	-178.9
14970	-17.9	213.9	42	-179.1
14980	-18.2	215.7	40	-179.4
14990	-17.9	217.5	38	-179.7
15000	-17.0	219.3	36	-179.4
15010	-15.5	221.1	34	-179.4
15020	-14.1	222.9	33	-179.1
15030	-13.0	224.7	31	-179.1
15040	-11.9	226.5	29	-179.1
15050	-8.1	228.3	27	-179.1
15060	-0.8	230.1	25	-178.9

15070	-1.5	231.8	24	-178.6
15080	0.0	233.6	22	-178.1
15090	-1.2	235.4	20	-173.8
15100	-2.4	237.1	18	-171.4
15110	-2.0	238.8	17	-171.4
15120	-2.4	240.5	15	-171.1
15130	-7.5	242.2	13	-171.4
15140	-11.9	244.0	11	-172.7
15150	-8.8	245.7	10	-174.6
15160	-1.5	247.4	8	-173.8
15170	-1.2	249.2	6	-173.5
15180	-1.1	250.9	5	-173.3
15190	5.7	252.6	3	-172.2
15200	14.8	254.3	1	-168.7
15210	14.8	256.0	-1	-163.9
15220	9.4	257.6	-2	-159.4
15230	3.1	259.2	-4	-156.8
15240	-1.4	260.6	-5	-134.7
15250	-2.4	261.9	-6	-130.4
15260	-20.1	262.9	-7	-94.5
15270	-41.5	263.7	-8	-75.6
15280	-44.6	264.3	-9	-53.5
15290	-29.3	264.8	-9	-46.0
15300	-6.0	265.2	-10	-30.6
15310	1.6	265.5	-10	-28.2
15320	13.8	265.7	-10	-18.3
15330	25.5	265.8	-10	-9.8
15340	27.5	265.9	-10	-3.1
15350	22.0	265.8	-10	0.7
15360	17.0	265.8	-10	6.9
15370	14.0	265.7	-10	10.9
15380	17.4	265.6	-10	15.4
15390	23.5	265.4	-10	20.2
15400	27.8	265.2	-10	27.1
15410	28.3	264.9	-9	35.4
15420	26.3	264.5	-9	39.9
15430	24.3	264.0	-9	42.3
15440	24.5	263.5	-8	48.4
15450	26.8	262.9	-7	54.5
15460	29.4	262.3	-7	61.4
15470	30.5	261.5	-6	68.6
15480	28.7	260.7	-5	76.1
15490	25.1	259.8	-4	83.0
15500	22.2	258.8	-3	99.3
15510	22.1	257.8	-2	105.1
15520	23.9	256.7	-1	111.2
15530	26.3	255.5	0	118.2
15540	26.6	254.3	1	125.1
15550	24.1	252.9	3	132.5
15560	20.3	251.6	4	138.9
15570	17.9	250.1	5	144.5
15580	17.2	248.7	7	148.8
15590	18.3	247.1	8	153.3
15600	20.2	245.6	10	158.1

15610	20.6	244.0	11	163.7
15620	19.0	242.3	13	168.5
15630	16.4	240.6	15	173.3
15640	13.8	238.8	17	177.3
15650	13.4	237.0	18	179.4
15660	15.9	235.2	20	179.7
15670	19.0	233.4	22	179.9
15680	21.2	231.6	24	180.2
15690	21.0	229.8	26	179.9
15700	18.3	228.0	27	179.7
15710	15.2	226.2	29	179.7
15720	13.3	224.4	31	179.4
15730	12.5	222.6	33	179.7
15740	12.7	220.8	35	179.7
15750	13.7	219.0	36	179.7
15760	13.8	217.2	38	179.4
15770	13.8	215.4	40	179.7
15780	14.2	213.6	42	179.7
15790	13.6	211.8	44	179.7
15800	11.7	210.0	45	179.7
15810	8.7	208.3	47	179.4
15820	6.1	206.5	49	179.1
15830	4.5	204.7	51	179.4
15840	4.3	202.9	53	179.4
15850	5.8	201.1	54	179.4
15860	7.3	199.3	56	179.7
15870	8.7	197.5	58	179.7
15880	9.5	195.7	60	179.7
15890	8.9	193.9	62	179.9
15900	7.2	192.1	63	179.7
15910	5.6	190.3	65	179.7
15920	5.6	188.5	67	179.7
15930	7.1	186.7	69	179.7
15940	9.2	184.9	71	179.9
15950	11.5	183.1	72	179.9
15960	11.9	181.3	74	179.7
15970	10.6	179.5	76	179.7
15980	9.9	177.7	78	179.7
15990	9.8	175.9	80	179.7
16000	10.0	174.1	81	179.7
16010	10.4	172.3	83	179.7
16020	9.9	170.5	85	179.9
16030	10.0	168.7	87	179.7
16040	10.2	166.9	89	179.7
16050	11.1	165.1	90	179.9
16060	12.2	163.3	92	179.7
16070	13.7	161.5	94	179.7
16080	15.2	159.7	96	180.2
16090	15.5	157.9	98	179.9
16100	14.6	156.1	99	179.9
16110	13.7	154.3	101	179.9
16120	13.3	152.5	103	179.4
16130	13.7	150.7	105	179.7
16140	14.0	148.9	107	179.9

16150	14.6	147.1	108	180.2
16160	14.8	145.3	110	180.2
16170	14.9	143.5	112	179.9
16180	15.3	141.7	114	179.7
16190	14.8	140.0	115	179.7
16200	14.1	138.2	117	179.7
16210	13.6	136.4	119	179.7
16220	13.6	134.6	121	179.9
16230	14.0	132.8	123	179.7
16240	13.6	131.0	124	179.7
16250	13.2	129.2	126	179.7
16260	12.5	127.4	128	179.7
16270	12.1	125.6	130	179.7
16280	12.5	123.8	132	179.7
16290	12.6	122.0	133	179.7
16300	12.2	120.2	135	179.7
16310	11.4	118.4	137	179.7
16320	10.7	116.6	139	179.7
16330	9.5	114.8	141	179.4
16340	7.7	113.0	142	179.4
16350	5.7	111.2	144	179.1
16360	3.8	109.4	146	179.4
16370	2.3	107.6	148	179.1
16380	1.8	105.8	150	179.1
16390	1.6	104.0	151	178.9
16400	1.5	102.2	153	178.6
16410	1.4	100.5	155	178.3
16420	1.1	98.7	157	177.5
16430	0.0	96.9	159	175.7
16440	-6.1	95.2	160	174.3
16450	-11.1	93.5	162	170.9
16460	-11.5	91.8	164	166.6
16470	-8.8	90.1	165	162.6
16480	-6.9	88.5	167	158.9
16490	-8.0	87.0	168	156.5
16500	-11.5	85.4	170	153.0
16510	-14.9	83.9	172	148.5
16520	-15.9	82.5	173	143.4
16530	-14.5	81.1	174	138.1
16540	-13.0	79.8	176	119.8
16550	-6.6	78.6	177	125.1
16560	1.8	77.6	178	94.2
16570	0.9	76.8	179	68.6
16580	0.4	76.2	179	62.2
16590	-0.3	75.6	180	45.5
16600	-8.1	75.2	180	40.7
16610	-22.1	74.9	181	30.8
16620	-30.9	74.6	181	20.4
16630	-31.5	74.4	181	15.1
16640	-25.1	74.4	181	5.8
16650	-18.0	74.4	181	-1.0
16660	-15.2	74.4	181	-2.9
16670	-17.2	74.4	181	-6.9
16680	-21.8	74.6	181	-10.6

16690	-24.5	74.7	181	-15.9
16700	-24.0	74.9	181	-21.8
16710	-21.0	75.2	180	-27.4
16720	-19.3	75.6	180	-32.7
16730	-21.2	76.0	179	-37.8
16740	-27.4	76.5	179	-52.7
16750	-33.0	77.0	178	-55.3
16760	-35.5	77.6	178	-58.0
16770	-33.4	78.3	177	-66.8
16780	-28.6	79.1	176	-74.5
16790	-24.8	80.0	175	-81.4
16800	-25.1	81.0	174	-97.4
16810	-28.2	82.0	173	-104.6
16820	-31.1	83.1	172	-112.6
16830	-31.3	84.3	171	-121.1
16840	-29.0	85.6	170	-129.6
16850	-27.1	86.9	169	-137.3
16860	-27.8	88.4	167	-145.0
16870	-30.6	89.9	166	-152.5
16880	-32.5	91.5	164	-161.3
16890	-31.3	93.2	162	-170.1
16900	-29.4	94.9	161	-176.2
16910	-31.9	96.7	159	-176.5
16920	-36.9	98.4	157	-177.0
16930	-41.2	100.2	155	-178.1
16940	-43.4	102.0	153	-179.1
16950	-43.9	103.8	152	-179.1
16960	-43.9	105.6	150	-179.1
16970	-44.2	107.4	148	-179.7
16980	-43.8	109.2	146	-179.4
16990	-42.2	111.0	144	-179.1
17000	-40.7	112.8	143	-179.1
17010	-40.1	114.6	141	-179.1
17020	-40.5	116.4	139	-179.1
17030	-40.8	118.2	137	-179.7
17040	-41.1	119.9	136	-179.4
17050	-41.0	121.7	134	-179.4
17060	-41.4	123.5	132	-179.7
17070	-42.2	125.3	130	-179.7
17080	-42.3	127.1	128	-179.9
17090	-41.5	128.9	127	-179.4
17100	-39.9	130.7	125	-179.4
17110	-39.5	132.5	123	-179.4
17120	-39.9	134.3	121	-179.9
17130	-40.8	136.1	119	-179.4
17140	-41.5	137.9	118	-179.7
17150	-41.9	139.7	116	-179.7
17160	-42.0	141.5	114	-179.7
17170	-42.3	143.3	112	-179.7
17180	-42.0	145.1	110	-179.9
17190	-41.1	146.9	109	-179.9
17200	-41.1	148.7	107	-179.4
17210	-42.0	150.5	105	-179.7
17220	-43.3	152.3	103	-179.7

17230	-43.8	154.1	101	-179.9
17240	-43.9	155.9	100	-179.9
17250	-43.7	157.7	98	-179.9
17260	-43.1	159.5	96	-179.7
17270	-43.3	161.3	94	-179.7
17280	-43.1	163.1	92	-179.9
17290	-42.6	164.9	91	-179.7
17300	-42.3	166.7	89	-179.4
17310	-42.6	168.5	87	-179.4
17320	-42.8	170.3	85	-179.7
17330	-42.6	172.1	83	-179.7
17340	-41.9	173.9	82	-179.9
17350	-41.2	175.7	80	-179.4
17360	-40.4	177.4	78	-179.7
17370	-40.0	179.2	76	-179.7
17380	-39.6	181.0	74	-179.7
17390	-39.2	182.8	73	-179.7
17400	-39.1	184.6	71	-179.4
17410	-38.4	186.4	69	-179.9
17420	-37.2	188.2	67	-179.4
17430	-35.3	190.0	65	-179.7
17440	-33.2	191.8	64	-179.4
17450	-31.9	193.6	62	-178.9
17460	-32.1	195.4	60	-179.7
17470	-33.2	197.2	58	-179.7
17480	-33.9	199.0	56	-179.7
17490	-33.2	200.8	55	-179.7
17500	-32.0	202.6	53	-179.4
17510	-30.1	204.4	51	-179.4
17520	-27.7	206.2	49	-179.4
17530	-25.2	208.0	47	-179.1
17540	-22.5	209.8	46	-179.1
17550	-21.0	211.5	44	-179.1
17560	-21.2	213.3	42	-179.1
17570	-21.8	215.1	40	-179.4
17580	-22.1	216.9	39	-179.7
17590	-21.4	218.7	37	-179.4
17600	-19.9	220.5	35	-179.1
17610	-18.4	222.3	33	-179.1
17620	-17.6	224.1	31	-179.4
17630	-16.7	225.9	30	-179.1
17640	-16.1	227.7	28	-179.4
17650	-11.1	229.5	26	-179.4
17660	-7.7	231.3	24	-178.9
17670	-8.9	233.1	22	-179.1
17680	-11.1	234.9	21	-179.7
17690	-11.7	236.7	19	-179.4
17700	-9.8	238.5	17	-179.4
17710	-7.1	240.2	15	-179.7
17720	-4.1	242.0	13	-179.1
17730	-1.8	243.8	12	-179.1
17740	-1.6	245.6	10	-179.1
17750	-1.5	247.4	8	-178.6
17760	-1.5	249.2	6	-178.3

17770	-1.1	251.0	4	-178.1
17780	3.5	252.7	3	-174.3
17790	9.4	254.4	1	-169.0
17800	11.1	256.1	-1	-165.5
17810	10.2	257.7	-2	-161.0
17820	8.3	259.3	-4	-157.6
17830	4.5	260.8	-5	-161.8
17840	-2.4	262.0	-7	-116.8
17850	-14.9	263.0	-8	-82.2
17860	-34.8	263.7	-8	-73.2
17870	-35.1	264.4	-9	-63.6
17880	-20.3	264.8	-9	-44.4
17890	1.2	265.2	-10	-36.4
17900	4.1	265.5	-10	-25.5
17910	22.5	265.7	-10	-15.7
17920	30.0	265.8	-10	-9.5
17930	33.9	265.8	-10	1.5
17940	27.8	265.8	-10	5.8
17950	19.1	265.6	-10	14.3
17960	13.3	265.5	-10	20.4
17970	14.6	265.3	-10	24.4
17980	20.9	265.0	-10	29.0
17990	27.5	264.7	-9	35.4
18000	31.6	264.3	-9	43.3
18010	30.9	263.9	-8	52.4
18020	26.7	263.3	-8	61.4
18030	23.1	262.7	-7	56.7
18040	22.0	262.1	-7	63.6
18050	23.7	261.3	-6	67.8
18060	26.4	260.5	-5	73.7
18070	27.8	259.6	-4	89.4
18080	26.2	258.7	-3	96.9
18090	22.2	257.6	-2	104.3
18100	18.7	256.5	-1	110.4
18110	18.0	255.4	0	115.5
18120	20.2	254.2	1	120.5
18130	22.6	253.0	2	125.9
18140	24.0	251.7	4	132.3
18150	22.8	250.3	5	138.4
18160	19.7	248.9	7	144.2
18170	15.7	247.4	8	149.6
18180	13.8	245.8	10	153.3
18190	14.6	244.3	11	156.8
18200	16.8	242.7	13	160.7
18210	18.6	241.0	14	165.0
18220	18.3	239.4	16	169.8
18230	15.6	237.6	18	174.1
18240	12.2	235.9	20	178.1
18250	11.0	234.1	21	179.4
18260	13.6	232.3	23	179.4
18270	16.7	230.5	25	179.7
18280	18.4	228.7	27	179.7
18290	14.0	226.9	29	179.7
18300	11.9	225.1	30	179.4

18310	12.6	223.3	32	179.7
18320	14.1	221.5	34	179.7
18330	15.5	219.7	36	179.9
18340	15.9	217.9	38	179.9
18350	14.2	216.1	39	179.7
18360	11.1	214.3	41	179.7
18370	7.3	212.5	43	179.1
18380	4.6	210.7	45	179.1
18390	4.7	208.9	47	179.4
18400	6.4	207.1	48	179.4
18410	9.4	205.3	50	179.7
18420	11.1	203.5	52	179.7
18430	11.4	201.7	54	179.7
18440	9.2	199.9	56	179.7
18450	5.8	198.1	57	179.4
18460	4.7	196.3	59	179.4
18470	5.7	194.6	61	179.4
18480	7.9	192.8	63	179.7
18490	10.4	191.0	64	179.9
18500	11.4	189.2	66	179.9
18510	11.7	187.4	68	179.9
18520	10.6	185.6	70	179.9
18530	9.1	183.8	72	179.7
18540	8.7	182.0	73	179.7
18550	8.3	180.2	75	179.7
18560	9.6	178.4	77	179.7
18570	11.8	176.6	79	179.9
18580	12.6	174.8	81	179.9
18590	12.6	173.0	82	180.2
18600	11.7	171.2	84	179.9
18610	11.0	169.4	86	179.9
18620	11.1	167.6	88	179.9
18630	12.2	165.8	90	179.9
18640	13.6	164.0	91	179.9
18650	14.9	162.2	93	179.9
18660	15.6	160.4	95	179.9
18670	15.1	158.6	97	180.2
18680	14.0	156.8	99	179.9
18690	14.0	155.0	100	179.9
18700	14.9	153.2	102	179.9
18710	16.8	151.4	104	179.7
18720	18.0	149.6	106	180.2
18730	18.4	147.8	108	180.2
18740	17.9	146.0	109	179.9
18750	17.1	144.2	111	179.9
18760	17.2	142.4	113	179.9
18770	17.6	140.6	115	179.7
18780	18.4	138.8	117	179.7
18790	19.3	137.0	118	180.2
18800	19.5	135.2	120	179.9
18810	19.9	133.4	122	179.9
18820	19.5	131.6	124	179.9
18830	19.3	129.8	126	179.9
18840	18.8	128.0	127	179.9

18850	18.0	126.2	129	179.7
18860	17.9	124.4	131	179.7
18870	17.5	122.6	133	179.7
18880	16.4	120.8	135	179.7
18890	15.3	119.0	136	179.7
18900	14.1	117.2	138	179.7
18910	13.3	115.4	140	179.4
18920	12.2	113.6	142	179.4
18930	11.0	111.8	144	179.4
18940	9.6	110.0	145	179.4
18950	8.0	108.2	147	179.1
18960	6.2	106.4	149	179.4
18970	5.3	104.7	151	178.9
18980	3.8	102.9	153	179.4
18990	2.4	101.1	154	179.1
19000	1.8	99.3	156	179.1
19010	1.8	97.5	158	179.1
19020	1.5	95.7	160	178.6
19030	1.4	93.9	162	178.1
19040	1.2	92.1	163	177.8
19050	0.5	90.4	165	176.2
19060	-3.5	88.6	167	174.9
19070	-8.4	86.9	169	172.2
19080	-9.5	85.2	170	169.0
19090	-8.7	83.5	172	165.5
19100	-7.9	81.9	174	162.6
19110	-8.1	80.3	175	159.2
19120	-4.7	78.8	177	130.1
19130	2.2	77.6	178	115.0
19140	16.0	76.7	179	80.3
19150	33.6	75.9	180	71.3
19160	31.9	75.3	180	61.2
19170	16.5	74.8	181	42.8
19180	-0.8	74.5	181	31.4
19190	-12.3	74.2	181	23.9
19200	-27.8	74.1	181	14.9
19210	-30.9	74.0	181	9.5
19220	-31.5	73.9	182	-0.5
19230	-28.9	74.0	181	-5.5
19240	-27.5	74.1	181	-14.1
19250	-27.3	74.3	181	-22.8
19260	-31.3	74.5	181	-31.6
19270	-35.5	74.9	181	-37.5
19280	-37.2	75.3	180	-42.5
19290	-35.1	75.9	180	-52.1
19300	-31.7	76.5	179	-60.9
19310	-32.0	77.3	178	-68.6
19320	-37.8	78.1	177	-76.9
19330	-45.4	79.0	176	-86.2
19340	-48.1	80.1	175	-97.9
19350	-43.3	81.3	174	-121.6
19360	-32.7	82.6	173	-133.6
19370	-23.9	84.0	171	-142.1
19380	-21.2	85.5	170	-148.2

19390	-26.0	87.0	168	-154.4
19400	-33.2	88.6	167	-161.8
19410	-36.2	90.3	165	-170.6
19420	-34.7	92.1	163	-177.0
19430	-35.9	93.8	162	-177.0
19440	-40.7	95.6	160	-177.0
19450	-46.9	97.4	158	-178.6
19460	-49.4	99.2	156	-179.1
19470	-49.2	101.0	154	-179.7
19480	-46.4	102.8	153	-179.4
19490	-43.3	104.6	151	-179.4
19500	-42.4	106.4	149	-179.4
19510	-44.1	108.2	147	-179.4
19520	-46.6	110.0	145	-179.9
19530	-48.8	111.8	144	-179.7
19540	-50.2	113.6	142	-179.9
19550	-50.0	115.4	140	-179.9
19560	-48.4	117.2	138	-179.9
19570	-46.0	119.0	136	-179.9
19580	-43.9	120.7	135	-179.7
19590	-43.3	122.5	133	-179.4
19600	-44.6	124.3	131	-179.7
19610	-46.4	126.1	129	-179.9
19620	-47.7	127.9	128	-179.9
19630	-47.9	129.7	126	-179.7
19640	-47.5	131.5	124	-179.7
19650	-47.3	133.3	122	-179.9
19660	-47.3	135.1	120	-179.9
19670	-46.9	136.9	119	-179.9
19680	-46.6	138.7	117	-179.7
19690	-46.5	140.5	115	-179.7
19700	-47.2	142.3	113	-179.7
19710	-49.0	144.1	111	-180.2
19720	-49.5	145.9	110	-179.9
19730	-49.5	147.7	108	-179.9
19740	-49.8	149.5	106	-179.7
19750	-50.0	151.3	104	-179.9
19760	-50.2	153.1	102	-179.9
19770	-49.4	154.9	101	-179.9
19780	-47.9	156.7	99	-179.7
19790	-46.4	158.5	97	-179.4
19800	-46.6	160.3	95	-179.7
19810	-47.6	162.1	93	-179.7
19820	-48.1	163.9	92	-179.7
19830	-48.4	165.7	90	-179.9
19840	-48.0	167.5	88	-179.1
19850	-46.9	169.3	86	-179.1
19860	-45.8	171.1	84	-179.4
19870	-43.9	172.9	83	-179.4
19880	-42.8	174.7	81	-179.4
19890	-42.7	176.5	79	-179.7
19900	-43.3	178.3	77	-179.4
19910	-44.2	180.1	75	-179.9
19920	-44.5	181.8	74	-179.7

19930	-43.9	183.6	72	-179.7
19940	-43.0	185.4	70	-179.4
19950	-41.5	187.2	68	-179.1
19960	-39.2	189.0	66	-179.7
19970	-37.2	190.8	65	-179.1
19980	-36.1	192.6	63	-179.1
19990	-35.9	194.4	61	-179.4
20000	-36.9	196.2	59	-179.7
20010	-37.4	198.0	57	-179.9
20020	-36.7	199.8	56	-179.9
20030	-35.3	201.6	54	-179.4
20040	-33.4	203.4	52	-179.4
20050	-31.2	205.2	50	-179.1
20060	-28.9	207.0	48	-179.1
20070	-26.7	208.8	47	-179.1
20080	-24.4	210.6	45	-179.1
20090	-23.2	212.4	43	-179.1
20100	-22.8	214.1	41	-179.1
20110	-22.8	215.9	40	-179.4
20120	-22.1	217.7	38	-179.4
20130	-20.3	219.5	36	-179.1
20140	-18.0	221.3	34	-179.4
20150	-16.0	223.1	32	-179.1
20160	-14.1	224.9	31	-179.1
20170	-17.1	226.7	29	-179.4
20180	-3.4	228.5	27	-178.6
20190	5.2	230.3	25	-178.1
20200	15.1	232.0	23	-170.3
20210	10.8	233.6	22	-163.7
20220	0.8	235.2	20	-159.2
20230	-3.5	236.8	19	-158.1
20240	-7.7	238.4	17	-158.4
20250	-22.0	240.0	15	-160.7
20260	-22.8	241.7	14	-165.5
20270	-9.5	243.4	12	-170.9
20280	-1.1	245.1	10	-172.7
20290	-0.3	246.8	9	-171.9
20300	10.4	248.5	7	-170.3
20310	15.1	250.2	5	-165.5
20320	10.0	251.8	4	-160.5
20330	2.0	253.4	2	-157.8
20340	-0.8	254.9	1	-156.5
20350	0.4	256.5	-1	-156.2
20360	5.4	258.1	-3	-154.9
20370	11.3	259.6	-4	-151.7
20380	8.5	261.0	-6	-149.3
20390	-3.7	262.1	-7	-96.9
20400	-5.7	263.0	-8	-86.2
20410	-22.6	263.7	-8	-61.7
20420	-25.2	264.3	-9	-55.3
20430	-15.2	264.8	-9	-47.3
20440	1.6	265.1	-10	-32.7
20450	1.8	265.4	-10	-22.6
20460	18.3	265.6	-10	-19.9

20470	28.3	265.7	-10	-10.1
20480	29.8	265.8	-10	-0.5
20490	23.9	265.7	-10	1.3
20500	17.0	265.7	-10	7.7
20510	11.7	265.6	-10	11.7
20520	12.3	265.4	-10	14.1
20530	17.9	265.2	-10	21.2
20540	24.1	265.0	-10	26.6
20550	28.5	264.7	-9	34.0
20560	28.7	264.3	-9	42.5
20570	26.0	263.9	-8	46.3
20580	22.6	263.4	-8	48.1
20590	21.0	262.8	-7	65.4
20600	22.2	262.1	-7	71.8
20610	25.1	261.4	-6	78.5
20620	27.4	260.7	-5	85.9
20630	27.8	259.8	-4	94.2
20640	26.0	258.9	-3	93.1
20650	22.8	257.9	-2	100.8
20660	20.5	256.9	-1	107.0
20670	19.9	255.8	0	112.8
20680	21.3	254.6	1	118.4
20690	22.9	253.4	2	124.0
20700	22.9	252.1	3	130.4
20710	21.3	250.7	5	136.5
20720	18.6	249.3	6	142.1
20730	15.9	247.9	8	146.9
20740	14.9	246.4	9	150.9
20750	15.6	244.8	11	154.9
20760	17.8	243.2	12	158.9
20770	19.3	241.6	14	163.7
20780	18.7	239.9	16	168.5
20790	16.0	238.2	17	173.0
20800	13.4	236.5	19	176.7
20810	11.5	234.7	21	179.4
20820	12.6	232.9	23	179.4
20830	16.4	231.1	24	179.7
20840	18.4	229.3	26	179.9
20850	19.1	227.5	28	179.7
20860	16.5	225.7	30	179.7
20870	14.5	223.9	32	179.7
20880	12.9	222.1	33	179.7
20890	12.5	220.3	35	179.4
20900	12.9	218.5	37	179.7
20910	13.6	216.7	39	179.7
20920	14.4	214.9	41	179.7
20930	14.2	213.1	42	179.4
20940	11.9	211.3	44	179.7
20950	8.8	209.5	46	179.4
20960	6.1	207.7	48	179.1
20970	5.0	205.9	50	179.1
20980	6.0	204.2	51	179.1
20990	8.3	202.4	53	179.9
21000	10.3	200.6	55	179.7

21010	10.4	198.8	57	179.7
21020	9.1	197.0	58	179.9
21030	7.1	195.2	60	179.4
21040	5.8	193.4	62	179.7
21050	6.0	191.6	64	179.4
21060	7.1	189.8	66	179.7
21070	8.8	188.0	67	179.7
21080	10.3	186.2	69	179.9
21090	10.7	184.4	71	179.9
21100	10.0	182.6	73	179.9
21110	7.9	180.8	75	179.7
21120	6.9	179.0	76	179.7
21130	7.9	177.2	78	179.7
21140	9.9	175.4	80	179.7
21150	11.9	173.6	82	179.9
21160	12.7	171.8	84	179.9
21170	11.9	170.0	85	179.9
21180	11.3	168.2	87	179.7
21190	10.2	166.4	89	179.9
21200	10.6	164.6	91	179.9
21210	11.1	162.8	93	179.7
21220	12.1	161.0	94	179.9
21230	13.0	159.2	96	179.9
21240	12.6	157.4	98	179.9
21250	12.5	155.6	100	179.9
21260	12.5	153.8	102	179.9
21270	12.6	152.0	103	179.9
21280	13.3	150.2	105	179.7
21290	13.4	148.4	107	180.2
21300	13.7	146.6	109	179.9
21310	13.3	144.8	111	179.9
21320	13.8	143.0	112	179.9
21330	14.2	141.2	114	179.9
21340	14.8	139.4	116	179.9
21350	14.9	137.6	118	179.9
21360	14.9	135.8	120	180.2
21370	15.1	134.0	121	179.9
21380	15.2	132.2	123	179.9
21390	14.9	130.4	125	179.9
21400	15.1	128.6	127	179.9
21410	14.6	126.8	129	179.9
21420	14.4	125.0	130	179.7
21430	14.4	123.2	132	179.9
21440	13.8	121.4	134	179.7
21450	13.0	119.6	136	179.7
21460	12.7	117.8	138	179.4
21470	12.3	116.0	139	179.7
21480	11.8	114.2	141	179.7
21490	10.8	112.5	143	179.7
21500	9.9	110.7	145	179.4
21510	8.8	108.9	147	179.4
21520	8.1	107.1	148	179.4
21530	7.7	105.3	150	179.4
21540	6.8	103.5	152	179.4

21550	5.6	101.7	154	179.4
21560	4.5	99.9	156	179.1
21570	3.8	98.1	157	179.4
21580	3.1	96.3	159	179.4
21590	2.0	94.5	161	179.4
21600	1.6	92.7	163	179.4
21610	1.5	90.9	165	178.6
21620	1.4	89.1	166	178.3
21630	1.1	87.4	168	178.3
21640	-1.2	85.6	170	177.5
21650	-8.9	83.8	172	174.1
21660	-12.1	82.1	173	170.1
21670	-9.9	80.5	175	165.0
21680	-1.2	78.9	177	166.9
21690	3.0	77.7	178	121.3
21700	21.0	76.6	179	84.6
21710	38.4	75.9	180	74.8
21720	34.0	75.2	180	63.0
21730	14.9	74.8	181	42.8
21740	-2.2	74.4	181	31.1
21750	-14.2	74.2	181	22.8
21760	-27.4	74.0	181	15.9
21770	-26.8	73.9	182	8.5
21780	-21.6	73.9	182	2.6
21790	-16.4	73.9	182	-0.2
21800	-17.9	73.9	182	-4.2
21810	-22.1	74.0	181	-9.0
21820	-27.9	74.1	181	-15.9
21830	-30.1	74.3	181	-25.0
21840	-29.6	74.6	181	-33.8
21850	-26.6	75.0	180	-43.1
21860	-26.4	75.4	180	-46.5
21870	-30.9	75.9	180	-48.7
21880	-38.8	76.5	179	-69.2
21890	-44.5	77.2	178	-73.4
21900	-45.4	78.0	177	-77.2
21910	-40.3	79.0	176	-87.8
21920	-31.7	80.0	175	-97.7
21930	-25.6	81.3	174	-116.6
21940	-24.8	82.5	173	-123.7
21950	-27.9	83.8	172	-130.7
21960	-31.3	85.1	170	-138.4
21970	-32.3	86.6	169	-147.2
21980	-31.3	88.1	167	-156.0
21990	-30.4	89.7	166	-164.2
22000	-30.4	91.4	164	-172.7
22010	-33.9	93.2	162	-176.7
22020	-41.4	95.0	160	-177.0
22030	-47.1	96.8	159	-178.6
22040	-48.5	98.5	157	-179.1
22050	-45.0	100.3	155	-179.1
22060	-40.5	102.1	153	-179.1
22070	-38.2	103.9	152	-179.1
22080	-40.4	105.7	150	-179.1

22090	-45.6	107.5	148	-179.7
22100	-49.5	109.3	146	-180.4
22110	-49.4	111.1	144	-179.9
22120	-46.4	112.9	143	-179.9
22130	-41.9	114.7	141	-179.4
22140	-38.6	116.5	139	-179.1
22150	-37.6	118.3	137	-179.1
22160	-38.8	120.1	135	-179.4
22170	-41.1	121.9	134	-179.7
22180	-43.1	123.7	132	-179.9
22190	-44.3	125.5	130	-180.2
22200	-43.8	127.3	128	-179.9
22210	-41.9	129.1	126	-179.7
22220	-40.5	130.9	125	-179.4
22230	-40.7	132.7	123	-179.7
22240	-41.8	134.5	121	-179.4
22250	-43.0	136.3	119	-179.9
22260	-43.8	138.1	117	-179.9
22270	-43.8	139.9	116	-179.7
22280	-43.3	141.7	114	-179.9
22290	-43.1	143.5	112	-179.9
22300	-43.0	145.3	110	-179.7
22310	-42.6	147.1	108	-179.9
22320	-42.8	148.9	107	-179.7
22330	-43.4	150.7	105	-179.4
22340	-43.9	152.5	103	-180.2
22350	-43.7	154.3	101	-179.7
22360	-43.0	156.0	99	-179.9
22370	-41.8	157.8	98	-179.4
22380	-41.4	159.6	96	-179.4
22390	-42.0	161.4	94	-179.7
22400	-43.3	163.2	92	-180.2
22410	-43.8	165.0	90	-179.9
22420	-43.9	166.8	89	-179.7
22430	-43.4	168.6	87	-179.1
22440	-42.3	170.4	85	-179.4
22450	-41.4	172.2	83	-179.4
22460	-40.4	174.0	81	-179.7
22470	-39.9	175.8	80	-179.4
22480	-39.9	177.6	78	-179.7
22490	-40.1	179.4	76	-179.9
22500	-39.7	181.2	74	-179.7
22510	-38.5	183.0	72	-179.7
22520	-37.0	184.8	71	-179.4
22530	-35.5	186.6	69	-179.1
22540	-34.2	188.4	67	-179.4
22550	-31.7	190.2	65	-179.4
22560	-30.4	192.0	63	-179.4
22570	-29.4	193.7	62	-178.9
22580	-29.3	195.5	60	-179.4
22590	-29.4	197.3	58	-179.7
22600	-28.7	199.1	56	-179.4
22610	-27.1	200.9	55	-179.4
22620	-25.4	202.7	53	-179.1

22630	-23.3	204.5	51	-178.9
22640	-21.7	206.3	49	-179.1
22650	-19.7	208.1	47	-179.4
22660	-18.6	209.9	46	-179.1
22670	-17.6	211.7	44	-179.4
22680	-17.8	213.5	42	-179.4
22690	-18.3	215.3	40	-179.7
22700	-18.2	217.1	38	-179.4
22710	-16.8	218.9	37	-179.4
22720	-15.2	220.7	35	-179.4
22730	-13.4	222.4	33	-178.9
22740	-12.7	224.2	31	-179.4
22750	-12.9	226.0	29	-179.4
22760	0.9	227.8	28	-178.9
22770	28.7	229.6	26	-176.7
22780	34.8	231.3	24	-163.9
22790	21.2	232.8	23	-153.8
22800	4.5	234.3	21	-147.2
22810	-3.3	235.8	20	-145.0
22820	-15.9	237.2	18	-145.6
22830	-32.0	238.7	17	-149.0
22840	-27.7	240.3	15	-157.0
22850	-11.3	241.9	14	-163.4
22860	-0.8	243.5	12	-165.8
22870	-0.1	245.2	10	-165.3
22880	9.1	246.8	9	-163.4
22890	9.9	248.4	7	-160.0
22900	2.0	250.0	5	-156.5
22910	-2.3	251.6	4	-155.7
22920	-1.9	253.1	2	-156.0
22930	-2.0	254.7	1	-155.4
22940	-2.3	256.2	-1	-155.7
22950	-2.7	257.8	-2	-155.4
22960	-2.6	259.4	-4	-155.4
22970	-3.1	260.9	-5	-159.7
22980	-17.2	262.0	-7	-116.0
22990	-35.9	263.1	-8	-101.1
23000	-43.4	263.8	-8	-72.9
23010	-43.1	264.4	-9	-56.9
23020	-31.9	264.9	-9	-39.4
23030	-12.3	265.2	-10	-36.2
23040	0.8	265.5	-10	-24.4
23050	1.9	265.7	-10	-20.4
23060	13.6	265.8	-10	-13.8
23070	20.6	265.9	-10	-6.6
23080	19.1	266.0	-11	-0.7
23090	13.4	266.0	-11	0.7
23100	11.3	265.9	-10	5.0
23110	11.3	265.9	-10	7.4
23120	14.4	265.8	-10	10.1
23130	18.3	265.6	-10	13.0
23140	22.1	265.5	-10	17.5
23150	23.7	265.2	-10	22.8
23160	23.6	264.9	-9	28.7

23170	22.8	264.5	-9	34.8
23180	22.6	264.1	-9	44.7
23190	23.1	263.6	-8	46.0
23200	23.9	263.1	-8	51.9
23210	24.8	262.4	-7	57.5
23220	25.1	261.7	-6	63.6
23230	24.1	261.0	-6	69.7
23240	22.4	260.2	-5	75.8
23250	20.5	259.2	-4	89.9
23260	19.4	258.3	-3	95.8
23270	20.2	257.3	-2	100.8
23280	21.8	256.2	-1	106.7
23290	23.7	255.1	0	112.8
23300	23.3	254.0	1	119.0
23310	21.3	252.7	3	125.3
23320	18.4	251.4	4	131.2
23330	17.4	250.1	5	136.0
23340	17.1	248.7	7	140.5
23350	18.3	247.2	8	144.8
23360	19.4	245.7	10	149.6
23370	19.0	244.2	11	154.6
23380	17.0	242.6	13	159.4
23390	14.2	241.0	14	163.7
23400	12.1	239.3	16	166.9
23410	11.0	237.6	18	169.8
23420	11.1	235.9	20	172.7
23430	11.1	234.2	21	174.6
23440	11.4	232.4	23	177.5
23450	11.1	230.6	25	179.4
23460	12.2	228.8	27	179.4
23470	11.1	227.0	28	179.4
23480	10.0	225.2	30	179.1
23490	11.1	223.4	32	179.7
23500	11.5	221.7	34	179.4
23510	11.9	219.9	36	179.9
23520	11.5	218.1	37	179.7
23530	10.6	216.3	39	179.4
23540	8.9	214.5	41	179.7
23550	7.2	212.7	43	179.4
23560	5.6	210.9	45	179.1
23570	6.0	209.1	46	179.7
23580	7.1	207.3	48	179.4
23590	9.4	205.5	50	179.7
23600	11.5	203.7	52	179.9
23610	12.2	201.9	54	179.9
23620	11.5	200.1	55	179.7
23630	9.5	198.3	57	179.7
23640	8.1	196.5	59	179.4
23650	8.0	194.7	61	179.7
23660	8.7	192.9	63	179.7
23670	9.8	191.1	64	179.9
23680	10.0	189.3	66	179.7
23690	10.0	187.5	68	179.7
23700	10.0	185.7	70	179.7

23710	9.8	183.9	72	179.7
23720	9.4	182.1	73	179.7
23730	8.5	180.3	75	179.7
23740	8.8	178.5	77	179.7
23750	10.0	176.7	79	179.9
23760	11.0	174.9	81	179.9
23770	11.7	173.1	82	179.9
23780	11.3	171.3	84	179.9
23790	11.4	169.5	86	179.9
23800	12.2	167.7	88	179.9
23810	13.6	165.9	90	179.9
23820	14.2	164.1	91	179.9
23830	14.9	162.3	93	179.9
23840	15.5	160.5	95	179.9
23850	15.2	158.7	97	180.2
23860	14.2	156.9	99	179.9
23870	14.1	155.1	100	179.7
23880	14.8	153.3	102	179.9
23890	15.7	151.5	104	179.9
23900	16.5	149.7	106	179.9
23910	16.8	147.9	108	180.2
23920	16.5	146.1	109	180.2
23930	16.3	144.3	111	179.9
23940	16.7	142.5	113	179.9
23950	17.0	140.7	115	179.9
23960	17.1	138.9	117	179.9
23970	17.4	137.1	118	179.9
23980	17.6	135.3	120	179.9
23990	18.0	133.5	122	179.9
24000	17.9	131.7	124	179.9
24010	17.5	129.9	126	179.7
24020	17.2	128.1	127	179.9
24030	16.5	126.3	129	179.7
24040	16.4	124.5	131	179.9
24050	16.1	122.7	133	179.7
24060	15.6	120.9	135	179.7
24070	14.6	119.1	136	179.7
24080	13.4	117.3	138	179.4
24090	12.5	115.6	140	179.4
24100	11.4	113.8	142	179.4
24110	10.3	112.0	143	179.4
24120	9.4	110.2	145	179.1
24130	8.1	108.4	147	179.1
24140	7.2	106.6	149	179.4
24150	6.1	104.8	151	179.4
24160	4.9	103.0	152	179.4
24170	3.8	101.2	154	179.4
24180	2.7	99.4	156	179.1
24190	2.2	97.6	158	179.1
24200	1.6	95.8	160	179.1
24210	1.5	94.0	161	178.9
24220	1.4	92.2	163	178.3
24230	1.2	90.5	165	178.1
24240	0.0	88.7	167	176.7

24250	-7.1	86.9	169	174.6
24260	-14.1	85.2	170	170.6
24270	-15.1	83.6	172	165.5
24280	-10.0	81.9	174	161.0
24290	-5.4	80.3	175	157.6
24300	-1.1	78.9	177	146.6
24310	2.2	77.6	178	114.2
24320	14.6	76.7	179	90.5
24330	30.6	75.9	180	78.5
24340	29.4	75.4	180	56.4
24350	12.3	74.9	181	43.1
24360	-1.5	74.5	181	35.1
24370	-15.6	74.3	181	23.6
24380	-32.4	74.1	181	15.7
24390	-33.9	74.0	181	6.3
24400	-28.2	74.0	181	-1.3
24410	-21.8	74.0	181	-4.5
24420	-20.6	74.1	181	-9.5
24430	-24.7	74.3	181	-16.2
24440	-32.0	74.5	181	-21.0
24450	-35.1	74.8	181	-29.8
24460	-34.3	75.2	180	-38.3
24470	-30.8	75.7	180	-46.5
24480	-29.8	76.3	179	-54.5
24490	-33.1	76.9	179	-62.2
24500	-39.1	77.7	178	-86.5
24510	-42.8	78.6	177	-96.6
24520	-42.2	79.6	176	-111.0
24530	-36.7	80.7	175	-123.2
24540	-29.6	81.9	174	-122.1
24550	-25.0	83.2	172	-130.1
24560	-24.8	84.5	171	-136.8
24570	-28.1	85.9	170	-144.2
24580	-31.6	87.4	168	-151.7
24590	-33.6	89.0	166	-160.5
24600	-32.5	90.7	165	-169.5
24610	-30.9	92.5	163	-176.2
24620	-34.4	94.2	161	-177.0
24630	-41.1	96.0	159	-177.3
24640	-46.9	97.8	158	-178.6
24650	-47.1	99.6	156	-179.1
24660	-43.5	101.4	154	-179.1
24670	-39.3	103.1	152	-178.6
24680	-37.7	104.9	151	-179.1
24690	-40.4	106.7	149	-179.1
24700	-44.7	108.5	147	-179.9
24710	-47.2	110.3	145	-180.2
24720	-47.7	112.1	143	-180.2
24730	-46.1	113.9	142	-179.7
24740	-43.5	115.7	140	-179.7
24750	-40.8	117.5	138	-179.4
24760	-39.3	119.3	136	-179.4
24770	-40.1	121.1	134	-179.4
24780	-42.7	122.9	133	-179.7

24790	-46.1	124.7	131	-179.9
24800	-49.0	126.5	129	-179.9
24810	-50.0	128.3	127	-180.2
24820	-49.6	130.1	125	-179.9
24830	-48.5	131.9	124	-179.7
24840	-47.5	133.7	122	-179.9
24850	-46.5	135.5	120	-179.7
24860	-46.1	137.3	118	-179.7
24870	-46.5	139.1	116	-179.7
24880	-47.3	140.9	115	-179.7
24890	-48.3	142.7	113	-179.7
24900	-49.1	144.5	111	-180.2
24910	-48.7	146.3	109	-179.7
24920	-47.5	148.1	107	-179.7
24930	-47.1	149.9	106	-179.7
24940	-47.5	151.7	104	-179.4
24950	-47.6	153.5	102	-179.4
24960	-46.6	155.3	100	-179.9
24970	-45.3	157.1	98	-179.4
24980	-44.5	158.9	97	-179.1
24990	-44.7	160.7	95	-179.4
25000	-45.3	162.5	93	-179.7
25010	-45.2	164.2	91	-179.7
25020	-44.6	166.0	89	-179.7
25030	-43.5	167.8	88	-179.1
25040	-43.0	169.6	86	-179.1
25050	-42.0	171.4	84	-179.7
25060	-41.1	173.2	82	-179.4
25070	-40.5	175.0	80	-179.7
25080	-40.5	176.8	79	-179.7
25090	-40.4	178.6	77	-179.7
25100	-40.3	180.4	75	-179.7
25110	-39.6	182.2	73	-179.7
25120	-38.9	184.0	71	-179.4
25130	-38.4	185.8	70	-179.4
25140	-37.3	187.6	68	-179.4
25150	-35.4	189.4	66	-179.7
25160	-33.4	191.2	64	-179.1
25170	-31.7	193.0	62	-179.1
25180	-30.9	194.8	61	-179.1
25190	-30.6	196.6	59	-179.1
25200	-30.4	198.4	57	-179.7
25210	-28.6	200.1	55	-179.4
25220	-26.8	201.9	54	-179.1
25230	-25.1	203.7	52	-179.4
25240	-23.6	205.5	50	-179.4
25250	-21.8	207.3	48	-179.4
25260	-20.2	209.1	46	-179.1
25270	-18.4	210.9	45	-179.4
25280	-17.5	212.7	43	-179.1
25290	-17.4	214.5	41	-179.1
25300	-17.4	216.3	39	-179.7
25310	-16.4	218.1	37	-179.4
25320	-15.1	219.9	36	-179.4

25330	-13.4	221.7	34	-179.4
25340	-12.2	223.5	32	-179.4
25350	-11.4	225.3	30	-179.1
25360	-12.2	227.1	28	-179.9
25370	0.7	228.8	27	-178.6
25380	16.4	230.6	25	-172.5
25390	24.8	232.2	23	-162.1
25400	12.3	233.8	22	-155.7
25410	-3.7	235.4	20	-154.9
25420	-18.3	236.9	19	-155.7
25430	-32.0	238.5	17	-159.7
25440	-27.7	240.1	15	-166.6
25450	-8.4	241.8	14	-171.4
25460	-0.5	243.6	12	-172.2
25470	5.6	245.3	10	-171.4
25480	14.9	247.0	8	-167.7
25490	12.6	248.6	7	-163.1
25500	1.6	250.2	5	-160.0
25510	-2.3	251.8	4	-159.4
25520	-1.9	253.4	2	-159.4
25530	-1.9	255.0	0	-159.2
25540	-1.8	256.6	-1	-159.2
25550	-1.2	258.2	-3	-158.9
25560	-1.2	259.8	-4	-158.1
25570	-1.6	261.2	-6	-152.5
25580	-2.4	262.3	-7	-109.6
25590	-19.7	263.3	-8	-95.0
25600	-36.7	264.0	-9	-69.2
25610	-38.9	264.6	-9	-59.3
25620	-28.5	265.0	-10	-41.5
25630	-9.4	265.4	-10	-27.6
25640	1.1	265.6	-10	-22.8
25650	10.6	265.8	-10	-15.7
25660	25.9	265.9	-10	-12.2
25670	28.1	266.0	-11	-3.1
25680	24.4	266.0	-11	1.3
25690	18.4	265.9	-10	5.5
25700	11.7	265.8	-10	10.1
25710	9.5	265.7	-10	13.0
25720	14.2	265.5	-10	15.4
25730	21.4	265.3	-10	19.1
25740	25.2	265.1	-10	25.0
25750	22.9	264.7	-9	31.4
25760	17.6	264.3	-9	45.2
25770	14.9	263.9	-8	46.0
25780	17.0	263.4	-8	44.9
25790	22.8	262.9	-7	49.2
25800	28.3	262.3	-7	55.1
25810	29.8	261.6	-6	61.7
25820	26.7	260.9	-5	69.2
25830	21.3	260.0	-5	75.3
25840	17.8	259.1	-4	89.1
25850	18.2	258.2	-3	94.2
25860	21.6	257.2	-2	99.5

25870	24.7	256.2	-1	105.4
25880	25.9	255.1	0	112.3
25890	23.6	253.9	2	119.2
25900	19.3	252.6	3	125.9
25910	16.4	251.3	4	130.7
25920	16.3	250.0	5	135.2
25930	18.3	248.6	7	139.2
25940	20.6	247.2	8	144.2
25950	20.2	245.7	10	149.3
25960	17.2	244.2	11	154.6
25970	14.0	242.6	13	158.9
25980	11.9	241.0	14	162.3
25990	11.9	239.3	16	165.0
26000	12.7	237.7	18	167.9
26010	13.8	236.0	19	171.1
26020	13.6	234.2	21	174.3
26030	12.2	232.5	23	177.8
26040	11.1	230.7	25	179.7
26050	10.8	228.9	27	179.4
26060	11.8	227.1	28	179.4
26070	13.0	225.3	30	179.7
26080	13.0	223.5	32	179.4
26090	11.5	221.7	34	179.7
26100	9.2	219.9	36	179.4
26110	7.7	218.1	37	179.4
26120	7.3	216.3	39	179.4
26130	8.7	214.5	41	179.4
26140	11.4	212.7	43	179.7
26150	12.9	210.9	45	179.9
26160	11.9	209.1	46	179.9
26170	8.0	207.3	48	179.4
26180	2.6	205.5	50	179.1
26190	1.5	203.7	52	179.1
26200	2.6	201.9	54	179.1
26210	6.0	200.2	55	179.1
26220	10.6	198.4	57	179.9
26230	12.7	196.6	59	180.2
26240	11.1	194.8	61	180.2
26250	7.1	193.0	62	179.9
26260	3.3	191.2	64	179.7
26270	2.4	189.4	66	179.4
26280	4.9	187.6	68	179.4
26290	8.9	185.8	70	179.9
26300	12.5	184.0	71	180.2
26310	13.8	182.2	73	179.9
26320	12.1	180.4	75	179.7
26330	10.0	178.6	77	179.9
26340	9.6	176.8	79	179.9
26350	10.3	175.0	80	179.9
26360	12.2	173.2	82	179.9
26370	13.8	171.4	84	179.9
26380	14.2	169.6	86	180.2
26390	14.1	167.8	88	179.9
26400	13.4	166.0	89	179.9

26410	12.9	164.2	91	179.9
26420	12.7	162.4	93	179.9
26430	13.8	160.6	95	179.9
26440	14.4	158.8	97	180.2
26450	14.4	157.0	98	179.9
26460	14.8	155.2	100	179.9
26470	15.6	153.4	102	179.9
26480	16.5	151.6	104	179.9
26490	17.1	149.8	106	179.9
26500	17.2	148.0	107	180.2
26510	17.1	146.2	109	179.9
26520	17.2	144.4	111	179.7
26530	18.3	142.6	113	180.2
26540	18.8	140.8	115	179.9
26550	19.1	139.0	116	179.9
26560	19.0	137.2	118	179.9
26570	19.0	135.4	120	179.9
26580	19.4	133.6	122	179.9
26590	19.1	131.8	124	180.2
26600	18.8	130.0	125	179.7
26610	18.4	128.2	127	179.7
26620	17.6	126.4	129	179.9
26630	17.2	124.6	131	179.9
26640	17.1	122.8	133	179.7
26650	16.8	121.0	134	179.7
26660	16.3	119.2	136	179.7
26670	15.5	117.4	138	179.4
26680	14.5	115.6	140	179.7
26690	13.3	113.8	142	179.4
26700	11.4	112.0	143	179.4
26710	9.8	110.2	145	179.4
26720	8.0	108.4	147	178.9
26730	6.8	106.7	149	179.4
26740	5.8	104.9	151	179.4
26750	4.5	103.1	152	179.1
26760	3.0	101.3	154	179.1
26770	1.8	99.5	156	179.1
26780	1.6	97.7	158	178.6
26790	1.4	95.9	160	178.9
26800	1.2	94.1	161	178.1
26810	0.4	92.3	163	177.8
26820	-5.3	90.6	165	175.1
26830	-10.3	88.9	167	171.7
26840	-11.3	87.2	168	167.9
26850	-8.8	85.5	170	164.2
26860	-6.9	83.9	172	161.0
26870	-8.1	82.3	173	158.1
26880	-11.5	80.8	175	154.6
26890	-14.5	79.3	176	134.1
26900	-6.9	78.0	177	130.1
26910	2.4	77.1	178	95.3
26920	3.1	76.3	179	75.3
26930	8.9	75.6	180	53.7
26940	5.0	75.1	180	47.1

26950	-0.7	74.7	181	36.4
26960	-10.3	74.4	181	25.0
26970	-30.6	74.2	181	19.7
26980	-40.0	74.1	181	8.5
26990	-38.6	74.1	181	-2.3
27000	-28.5	74.2	181	-9.0
27010	-18.7	74.3	181	-17.5
27020	-15.3	74.5	181	-21.2
27030	-24.1	74.7	181	-23.9
27040	-36.6	75.1	180	-37.0
27050	-41.5	75.5	180	-48.1
27060	-36.3	76.0	179	-60.6
27070	-26.4	76.6	179	-71.6
27080	-21.2	77.3	178	-79.8
27090	-26.3	78.1	177	-86.2
27100	-37.3	79.0	176	-94.5
27110	-44.9	79.9	176	-106.2
27120	-41.8	81.0	174	-108.8
27130	-30.8	82.1	173	-120.3
27140	-19.4	83.4	172	-128.3
27150	-16.5	84.7	171	-133.1
27160	-22.9	86.1	169	-137.9
27170	-32.3	87.5	168	-144.5
27180	-36.3	89.0	166	-153.3
27190	-32.4	90.6	165	-163.4
27200	-24.4	92.3	163	-171.4
27210	-21.7	94.1	161	-175.7
27220	-28.6	95.8	160	-176.2
27230	-40.1	97.6	158	-177.0
27240	-45.8	99.4	156	-178.6
27250	-43.9	101.2	154	-178.9
27260	-39.1	103.0	152	-178.6
27270	-34.7	104.8	151	-178.9
27280	-34.3	106.5	149	-178.9
27290	-38.5	108.3	147	-179.4
27300	-42.8	110.1	145	-179.7
27310	-45.6	111.9	144	-179.9
27320	-46.1	113.7	142	-179.9
27330	-44.6	115.5	140	-179.9
27340	-41.6	117.3	138	-179.9
27350	-39.1	119.1	136	-179.4
27360	-38.4	120.9	135	-179.4
27370	-39.9	122.7	133	-179.7
27380	-42.2	124.5	131	-179.7
27390	-43.7	126.3	129	-179.9
27400	-43.1	128.1	127	-179.9
27410	-41.2	129.9	126	-179.7
27420	-39.3	131.7	124	-179.7
27430	-39.1	133.5	122	-179.4
27440	-39.5	135.3	120	-179.4
27450	-40.3	137.1	118	-179.7
27460	-41.1	138.9	117	-179.7
27470	-41.6	140.7	115	-179.7
27480	-42.2	142.5	113	-179.9

27490	-42.4	144.3	111	-180.2
27500	-41.8	146.1	109	-179.7
27510	-40.8	147.9	108	-179.4
27520	-40.5	149.7	106	-179.4
27530	-41.2	151.5	104	-179.7
27540	-41.8	153.3	102	-180.2
27550	-41.5	155.1	100	-179.9
27560	-40.7	156.9	99	-179.4
27570	-40.3	158.7	97	-179.4
27580	-40.8	160.5	95	-179.9
27590	-41.9	162.3	93	-179.7
27600	-42.3	164.1	91	-179.9
27610	-42.0	165.9	90	-179.7
27620	-41.0	167.7	88	-179.4
27630	-40.0	169.4	86	-179.1
27640	-38.6	171.2	84	-179.4
27650	-37.4	173.0	82	-179.4
27660	-36.7	174.8	81	-179.4
27670	-37.0	176.6	79	-179.7
27680	-37.2	178.4	77	-179.7
27690	-37.8	180.2	75	-179.7
27700	-37.6	182.0	73	-179.7
27710	-36.7	183.8	72	-179.7
27720	-35.9	185.6	70	-179.7
27730	-35.0	187.4	68	-179.1
27740	-33.5	189.2	66	-179.7
27750	-32.3	191.0	64	-179.4
27760	-31.6	192.8	63	-179.1
27770	-31.5	194.6	61	-179.1
27780	-31.6	196.4	59	-179.4
27790	-31.1	198.2	57	-179.7
27800	-28.9	200.0	55	-179.7
27810	-26.6	201.8	54	-179.1
27820	-24.7	203.6	52	-179.1
27830	-22.8	205.3	50	-178.9
27840	-21.0	207.1	48	-179.4
27850	-19.3	208.9	47	-179.1
27860	-17.6	210.7	45	-179.1
27870	-16.8	212.5	43	-178.9
27880	-17.1	214.3	41	-179.4
27890	-17.8	216.1	39	-179.7
27900	-17.4	217.9	38	-179.4
27910	-16.3	219.7	36	-179.4
27920	-14.5	221.5	34	-179.7
27930	-13.2	223.3	32	-179.4
27940	-12.2	225.1	30	-179.4
27950	-11.1	226.9	29	-179.4
27960	-10.4	228.7	27	-179.4
27970	-9.8	230.5	25	-179.1
27980	-9.4	232.2	23	-179.4
27990	-9.5	234.0	21	-179.4
28000	-8.7	235.8	20	-179.4
28010	-6.6	237.6	18	-179.4
28020	-4.3	239.4	16	-179.4

28030	-3.1	241.2	14	-179.1
28040	-2.0	243.0	12	-179.4
28050	-1.6	244.8	11	-179.1
28060	-1.6	246.6	9	-178.9
28070	-1.5	248.4	7	-178.6
28080	-1.5	250.2	5	-178.3
28090	-0.7	251.9	4	-176.7
28100	3.5	253.7	2	-171.4
28110	8.8	255.3	0	-168.5
28120	12.9	257.0	-2	-164.7
28130	14.2	258.6	-3	-159.7
28140	13.6	260.1	-5	-139.2
28150	3.3	261.5	-6	-114.7
28160	-2.6	262.5	-7	-101.6
28170	-13.2	263.4	-8	-72.1
28180	-27.5	264.1	-9	-64.1
28190	-23.6	264.6	-9	-54.8
28200	-7.3	265.0	-10	-38.0
28210	1.5	265.3	-10	-25.8
28220	18.7	265.6	-10	-22.8
28230	41.1	265.7	-10	-10.9
28240	49.2	265.7	-10	1.3
28250	42.6	265.7	-10	7.1
28260	28.5	265.5	-10	16.5
28270	16.3	265.3	-10	27.9
28280	13.2	265.0	-10	29.2
28290	18.7	264.7	-9	36.2
28300	26.8	264.3	-9	41.7
28310	32.7	263.9	-8	49.7
28320	33.1	263.3	-8	59.3
28330	28.7	262.8	-7	62.8
28340	23.5	262.1	-7	63.6
28350	20.6	261.3	-6	69.4
28360	21.2	260.5	-5	74.5
28370	24.3	259.6	-4	87.5
28380	27.0	258.6	-3	95.8
28390	26.2	257.6	-2	103.5
28400	22.8	256.5	-1	110.7
28410	20.2	255.4	0	116.8
28420	19.7	254.2	1	122.1
28430	21.4	252.9	3	127.5
28440	23.9	251.6	4	133.3
28450	24.8	250.2	5	139.7
28460	23.2	248.8	7	146.4
28470	19.3	247.3	8	152.2
28480	15.7	245.7	10	156.8
28490	14.5	244.1	11	161.0
28500	15.5	242.5	13	164.5
28510	17.4	240.8	15	168.5
28520	17.5	239.1	16	172.7
28530	15.6	237.3	18	177.5
28540	13.3	235.5	20	179.7
28550	12.3	233.7	22	179.4
28560	13.6	231.9	24	179.4

28570	14.5	230.1	25	179.7
28580	14.9	228.3	27	179.4
28590	14.6	226.5	29	179.7
28600	14.1	224.7	31	179.7
28610	13.3	222.9	33	179.7
28620	12.1	221.2	34	179.7
28630	11.7	219.4	36	179.4
28640	12.1	217.6	38	179.7
28650	12.6	215.8	40	179.4
28660	13.4	214.0	41	179.7
28670	13.4	212.2	43	179.7
28680	12.5	210.4	45	179.7
28690	12.2	208.6	47	179.7
28700	10.7	206.8	49	179.4
28710	8.4	205.0	50	179.4
28720	4.7	203.2	52	179.1
28730	3.3	201.4	54	179.1
28740	3.9	199.6	56	179.1
28750	6.8	197.8	58	179.4
28760	10.4	196.0	59	179.9
28770	13.0	194.2	61	179.9
28780	11.8	192.4	63	179.9
28790	8.3	190.6	65	179.9
28800	5.2	188.8	67	179.4
28810	4.5	187.0	68	179.1
28820	5.8	185.2	70	179.4
28830	8.4	183.4	72	179.4
28840	10.2	181.6	74	179.4
28850	9.5	179.8	76	179.7
28860	8.4	178.0	77	179.9
28870	8.0	176.3	79	179.7
28880	8.8	174.5	81	179.7
28890	10.2	172.7	83	179.7
28900	10.8	170.9	85	180.2
28910	11.7	169.1	86	179.9
28920	12.1	167.3	88	179.9
28930	11.7	165.5	90	179.9
28940	11.5	163.7	92	179.7
28950	11.8	161.9	94	179.9
28960	12.9	160.1	95	179.9
28970	13.6	158.3	97	179.7
28980	13.8	156.5	99	179.9
28990	13.7	154.7	101	179.9
29000	13.7	152.9	103	179.9
29010	14.1	151.1	104	179.7
29020	14.0	149.3	106	179.9
29030	13.8	147.5	108	179.9
29040	13.7	145.7	110	179.9
29050	13.8	143.9	112	179.9
29060	14.6	142.1	113	179.7
29070	15.1	140.3	115	179.9
29080	14.8	138.5	117	179.7
29090	14.6	136.7	119	179.9
29100	14.6	134.9	121	179.9

29110	15.1	133.1	122	179.7
29120	14.9	131.3	124	179.7
29130	14.6	129.5	126	179.9
29140	13.8	127.7	128	179.7
29150	12.5	125.9	130	179.7
29160	11.8	124.1	131	179.7
29170	11.0	122.3	133	179.7
29180	9.9	120.5	135	179.4
29190	8.9	118.7	137	179.4
29200	8.8	116.9	139	179.4
29210	8.8	115.1	140	179.4
29220	8.3	113.3	142	179.4
29230	7.3	111.5	144	179.4
29240	6.4	109.7	146	179.1
29250	5.3	107.9	148	179.4
29260	4.7	106.1	149	179.4
29270	4.1	104.3	151	179.1
29280	2.7	102.6	153	179.4
29290	1.8	100.8	155	179.1
29300	1.5	99.0	156	178.9
29310	1.4	97.2	158	178.9
29320	1.4	95.4	160	178.3
29330	0.5	93.6	162	177.8
29340	-4.9	91.9	164	175.7
29350	-10.2	90.1	165	171.9
29360	-10.8	88.4	167	167.9
29370	-7.6	86.8	169	164.5
29380	-5.2	85.2	170	161.8
29390	-6.5	83.5	172	159.7
29400	-10.3	82.0	173	156.8
29410	-13.3	80.4	175	152.5
29420	-12.2	79.1	176	141.8
29430	2.0	77.8	178	101.6
29440	8.4	76.9	179	90.5
29450	25.9	76.1	179	64.9
29460	26.6	75.5	180	58.0
29470	15.1	75.0	180	49.5
29480	-2.3	74.6	181	34.0
29490	-7.2	74.4	181	26.0
29500	-23.9	74.2	181	20.4
29510	-24.3	74.0	181	11.1
29520	-22.1	74.0	181	2.9
29530	-15.1	74.0	181	-1.0
29540	-13.2	74.0	181	-4.2
29550	-16.0	74.1	181	-7.9
29560	-25.1	74.2	181	-12.5
29570	-30.8	74.4	181	-19.1
29580	-31.9	74.7	181	-26.6
29590	-31.2	75.0	180	-34.0
29600	-30.1	75.5	180	-41.5
29610	-30.8	76.0	179	-48.9
29620	-33.1	76.6	179	-56.7
29630	-36.7	77.3	178	-79.8
29640	-39.3	78.1	177	-90.5

29650	-38.4	79.1	176	-102.4
29660	-33.1	80.1	175	-113.9
29670	-26.7	81.2	174	-112.3
29680	-22.1	82.4	173	-120.0
29690	-22.5	83.6	172	-125.9
29700	-27.3	84.9	171	-132.5
29710	-32.1	86.3	169	-140.0
29720	-34.2	87.8	168	-149.0
29730	-32.8	89.3	166	-158.1
29740	-30.0	91.0	164	-167.1
29750	-28.3	92.7	163	-174.9
29760	-31.6	94.5	161	-176.5
29770	-39.2	96.2	159	-177.0
29780	-43.9	98.0	157	-178.1
29790	-44.3	99.8	156	-178.9
29800	-40.7	101.6	154	-178.9
29810	-37.4	103.4	152	-178.9
29820	-37.2	105.2	150	-179.1
29830	-40.7	107.0	148	-179.7
29840	-45.4	108.8	147	-179.7
29850	-47.5	110.6	145	-180.2
29860	-46.5	112.4	143	-180.2
29870	-43.7	114.2	141	-179.7
29880	-39.7	115.9	140	-179.1
29890	-37.3	117.7	138	-179.4
29900	-37.2	119.5	136	-179.1
29910	-39.1	121.3	134	-179.4
29920	-42.4	123.1	132	-179.9
29930	-44.7	124.9	131	-179.7
29940	-45.2	126.7	129	-180.2
29950	-43.3	128.5	127	-179.9
29960	-40.3	130.3	125	-179.7
29970	-39.2	132.1	123	-179.4
29980	-39.7	133.9	122	-179.4
29990	-41.0	135.7	120	-179.7
30000	-42.4	137.5	118	-179.7
30010	-43.4	139.3	116	-179.7
30020	-44.2	141.1	114	-179.9
30030	-44.7	142.9	113	-180.2
30040	-44.9	144.7	111	-180.2
30050	-44.2	146.5	109	-180.2
30060	-43.5	148.3	107	-179.7
30070	-43.7	150.1	105	-179.7
30080	-44.5	151.9	104	-179.9
30090	-45.0	153.7	102	-179.9
30100	-44.7	155.5	100	-179.9
30110	-43.4	157.3	98	-179.7
30120	-42.7	159.1	96	-179.4
30130	-43.0	160.9	95	-179.7
30140	-43.5	162.7	93	-179.9
30150	-43.8	164.5	91	-179.7
30160	-43.8	166.3	89	-179.9
30170	-43.5	168.1	87	-179.1
30180	-43.4	169.9	86	-179.1

30190	-42.8	171.7	84	-179.4
30200	-42.0	173.5	82	-179.7
30210	-41.5	175.3	80	-179.4
30220	-41.4	177.0	78	-179.7
30230	-41.5	178.8	77	-179.7
30240	-41.5	180.6	75	-179.7
30250	-40.7	182.4	73	-179.7
30260	-39.6	184.2	71	-179.4
30270	-38.2	186.0	69	-179.4
30280	-37.0	187.8	68	-179.4
30290	-34.8	189.6	66	-179.7
30300	-33.2	191.4	64	-179.4
30310	-32.0	193.2	62	-179.1
30320	-31.9	195.0	60	-179.4
30330	-32.0	196.8	59	-179.4
30340	-31.7	198.6	57	-179.4
30350	-29.8	200.4	55	-179.7
30360	-28.1	202.2	53	-179.1
30370	-26.0	204.0	51	-179.1
30380	-24.5	205.8	50	-179.4
30390	-22.9	207.5	48	-179.1
30400	-21.0	209.3	46	-179.1
30410	-19.1	211.1	44	-179.4
30420	-18.6	212.9	43	-179.1
30430	-18.4	214.7	41	-179.1
30440	-18.0	216.5	39	-179.4
30450	-16.5	218.3	37	-179.4
30460	-14.4	220.1	35	-179.1
30470	-12.3	221.9	34	-179.4
30480	-11.4	223.7	32	-179.4
30490	-10.6	225.5	30	-179.1
30500	-12.7	227.3	28	-179.4
30510	-2.0	229.1	26	-179.1
30520	-1.4	230.9	25	-178.6
30530	0.0	232.6	23	-178.3
30540	0.5	234.4	21	-175.1
30550	-3.1	236.1	19	-170.6
30560	-2.3	237.8	18	-170.9
30570	-2.2	239.5	16	-170.6
30580	-3.1	241.2	14	-170.3
30590	-8.5	242.9	13	-170.9
30600	-10.3	244.7	11	-172.7
30610	-6.5	246.4	9	-174.3
30620	-1.1	248.1	7	-174.1
30630	-1.5	249.9	6	-173.3
30640	-1.1	251.6	4	-173.3
30650	3.5	253.3	2	-172.2
30660	10.3	255.0	0	-169.3
30670	10.7	256.7	-1	-165.5
30680	6.6	258.3	-3	-161.8
30690	2.0	259.9	-4	-159.4
30700	-2.4	261.3	-6	-138.7
30710	-15.3	262.5	-7	-96.9
30720	-42.0	263.4	-8	-85.9

30730	-50.3	264.1	-9	-74.8
30740	-37.7	264.7	-9	-52.7
30750	-12.7	265.1	-10	-42.8
30760	0.8	265.4	-10	-28.4
30770	19.1	265.6	-10	-18.6
30780	31.2	265.8	-10	-14.1
30790	31.9	265.9	-10	-3.9
30800	24.8	265.8	-10	0.7
30810	17.2	265.8	-10	6.1
30820	9.9	265.7	-10	10.1
30830	8.7	265.6	-10	15.9
30840	13.4	265.4	-10	18.9
30850	21.7	265.2	-10	23.4
30860	28.6	264.9	-9	30.0
30870	30.0	264.6	-9	39.4
30880	25.6	264.2	-9	48.7
30890	20.5	263.7	-8	51.1
30900	18.2	263.1	-8	50.8
30910	20.9	262.5	-7	55.3
30920	25.8	261.9	-6	60.4
30930	29.4	261.2	-6	67.0
30940	29.0	260.4	-5	74.0
30950	24.8	259.4	-4	89.9
30960	19.5	258.5	-3	96.6
30970	16.4	257.5	-2	101.9
30980	17.2	256.4	-1	106.4
30990	21.0	255.3	0	111.2
31000	24.7	254.2	1	117.1
31010	25.1	253.0	2	123.5
31020	22.1	251.7	4	130.7
31030	17.9	250.3	5	136.0
31040	15.3	248.9	7	140.8
31050	14.9	247.5	8	144.8
31060	17.0	246.0	9	148.5
31070	18.8	244.5	11	153.3
31080	19.4	242.9	13	157.8
31090	18.2	241.3	14	162.9
31100	15.2	239.6	16	167.4
31110	11.9	237.9	18	170.9
31120	11.0	236.2	19	173.8
31130	11.7	234.5	21	176.2
31140	13.4	232.7	23	179.1
31150	15.6	230.9	25	179.7
31160	17.0	229.1	26	179.7
31170	17.1	227.3	28	179.4
31180	15.9	225.5	30	179.7
31190	13.8	223.7	32	179.7
31200	12.1	221.9	34	179.4
31210	10.8	220.1	35	179.4
31220	10.7	218.3	37	179.4
31230	10.8	216.5	39	179.4
31240	12.3	214.7	41	179.4
31250	13.4	212.9	43	179.9
31260	13.4	211.1	44	179.9

31270	11.5	209.3	46	179.7
31280	7.3	207.5	48	179.1
31290	2.8	205.7	50	179.1
31300	1.6	203.9	52	179.1
31310	2.7	202.2	53	178.9
31320	6.8	200.4	55	179.1
31330	10.6	198.6	57	179.9
31340	12.1	196.8	59	180.2
31350	10.8	195.0	60	179.9
31360	6.6	193.2	62	179.9
31370	3.7	191.4	64	179.4
31380	2.6	189.6	66	179.4
31390	4.5	187.8	68	179.4
31400	8.0	186.0	69	179.7
31410	10.6	184.2	71	179.9
31420	11.4	182.4	73	180.2
31430	9.9	180.6	75	179.7
31440	8.1	178.8	77	179.7
31450	7.7	177.0	78	179.7
31460	7.9	175.2	80	179.7
31470	9.1	173.4	82	179.9
31480	10.2	171.6	84	179.7
31490	10.8	169.8	86	179.9
31500	11.4	168.0	87	179.7
31510	11.1	166.2	89	179.9
31520	11.4	164.4	91	179.9
31530	11.4	162.6	93	179.9
31540	12.2	160.8	95	179.9
31550	12.7	159.0	96	179.9
31560	12.3	157.2	98	180.2
31570	12.5	155.4	100	179.7
31580	12.5	153.6	102	179.7
31590	12.6	151.8	104	179.9
31600	13.7	150.0	105	179.9
31610	14.9	148.2	107	179.9
31620	15.3	146.4	109	179.9
31630	15.2	144.6	111	179.9
31640	15.1	142.8	113	179.9
31650	15.3	141.0	114	179.9
31660	15.9	139.2	116	179.9
31670	16.7	137.4	118	179.9
31680	17.4	135.6	120	179.9
31690	17.9	133.8	122	179.7
31700	17.8	132.0	123	179.7
31710	16.4	130.2	125	179.7
31720	15.1	128.4	127	179.7
31730	13.6	126.6	129	179.7
31740	12.6	124.8	131	179.7
31750	12.5	123.0	132	179.4
31760	12.1	121.2	134	179.7
31770	11.8	119.4	136	179.7
31780	11.3	117.6	138	179.7
31790	10.7	115.8	140	179.4
31800	10.0	114.0	141	179.4

31810	8.9	112.2	143	179.4
31820	7.9	110.5	145	179.1
31830	6.5	108.7	147	179.4
31840	5.6	106.9	149	179.4
31850	4.9	105.1	150	179.4
31860	3.9	103.3	152	179.4
31870	2.7	101.5	154	179.1
31880	1.8	99.7	156	179.4
31890	1.8	97.9	158	178.9
31900	1.5	96.1	159	178.6
31910	1.4	94.3	161	178.1
31920	1.2	92.6	163	177.8
31930	0.4	90.8	165	177.0
31940	-5.8	89.0	166	174.6
31950	-12.9	87.3	168	171.1
31960	-14.2	85.6	170	166.6
31970	-9.8	84.0	171	161.8
31980	-4.7	82.4	173	158.9
31990	-3.7	80.8	175	156.8
32000	-6.9	79.3	176	166.3
32010	-1.2	78.1	177	122.7
32020	2.0	77.0	178	86.7
32030	11.5	76.2	179	76.6
32040	19.5	75.6	180	54.5
32050	13.8	75.1	180	47.3
32060	-1.9	74.7	181	35.9
32070	-16.7	74.4	181	29.5
32080	-33.1	74.2	181	18.6
32090	-34.6	74.1	181	8.2
32100	-34.0	74.1	181	-1.0
32110	-28.1	74.1	181	-7.4
32120	-20.7	74.2	181	-15.4
32130	-16.1	74.4	181	-21.8
32140	-20.7	74.6	181	-27.4
32150	-28.3	74.9	181	-30.6
32160	-34.0	75.3	180	-34.8
32170	-33.4	75.8	180	-52.7
32180	-29.3	76.3	179	-62.8
32190	-26.6	77.0	178	-71.6
32200	-29.3	77.7	178	-79.8
32210	-36.3	78.4	177	-88.9
32220	-42.0	79.3	176	-99.8
32230	-41.5	80.3	175	-112.3
32240	-34.8	81.4	174	-113.1
32250	-25.8	82.6	173	-122.9
32260	-21.0	83.9	172	-129.6
32270	-22.9	85.3	170	-135.7
32280	-29.6	86.7	169	-142.1
32290	-35.7	88.1	167	-150.9
32300	-36.2	89.7	166	-160.2
32310	-32.0	91.4	164	-170.3
32320	-28.7	93.2	162	-176.5
32330	-32.5	94.9	161	-176.5
32340	-41.5	96.7	159	-177.5

32350	-48.3	98.5	157	-178.9
32360	-49.1	100.3	155	-179.1
32370	-44.9	102.1	153	-179.1
32380	-39.7	103.9	152	-178.9
32390	-37.6	105.6	150	-178.9
32400	-40.1	107.4	148	-179.4
32410	-45.2	109.2	146	-179.9
32420	-48.7	111.0	144	-180.2
32430	-49.9	112.8	143	-179.9
32440	-47.9	114.6	141	-179.7
32450	-44.2	116.4	139	-179.7
32460	-41.2	118.2	137	-179.4
32470	-40.4	120.0	135	-179.1
32480	-41.9	121.8	134	-179.1
32490	-45.4	123.6	132	-179.7
32500	-49.0	125.4	130	-179.9
32510	-50.7	127.2	128	-180.2
32520	-50.0	129.0	126	-179.9
32530	-47.7	130.8	125	-179.9
32540	-46.0	132.6	123	-179.4
32550	-44.9	134.4	121	-179.4
32560	-45.2	136.2	119	-179.7
32570	-46.2	138.0	117	-179.7
32580	-47.3	139.8	116	-179.7
32590	-48.0	141.6	114	-179.9
32600	-48.4	143.4	112	-179.9
32610	-47.9	145.2	110	-179.9
32620	-46.5	147.0	108	-179.9
32630	-46.0	148.8	107	-179.4
32640	-46.2	150.6	105	-179.7
32650	-47.2	152.4	103	-179.9
32660	-47.7	154.2	101	-179.7
32670	-47.6	156.0	99	-179.7
32680	-46.4	157.8	98	-179.7
32690	-45.4	159.6	96	-179.7
32700	-45.6	161.4	94	-179.4
32710	-45.8	163.2	92	-179.9
32720	-46.2	165.0	90	-179.7
32730	-46.4	166.8	89	-179.4
32740	-46.2	168.5	87	-179.4
32750	-46.0	170.3	85	-179.4
32760	-45.4	172.1	83	-179.7
32770	-44.7	173.9	82	-179.7
32780	-44.2	175.7	80	-179.4
32790	-43.9	177.5	78	-179.7
32800	-44.3	179.3	76	-179.7
32810	-44.3	181.1	74	-179.9
32820	-43.9	182.9	73	-179.7
32830	-43.3	184.7	71	-179.4
32840	-42.6	186.5	69	-179.4
32850	-41.5	188.3	67	-179.4
32860	-39.6	190.1	65	-179.4
32870	-38.6	191.9	64	-179.4
32880	-37.8	193.7	62	-178.9

32890	-37.6	195.5	60	-179.7
32900	-37.8	197.3	58	-179.7
32910	-37.2	199.1	56	-179.7
32920	-35.4	200.9	55	-179.4
32930	-33.8	202.7	53	-179.1
32940	-31.9	204.5	51	-179.1
32950	-30.0	206.2	49	-179.1
32960	-27.9	208.0	47	-179.4
32970	-25.9	209.8	46	-179.1
32980	-24.3	211.6	44	-179.1
32990	-24.0	213.4	42	-179.4
33000	-24.1	215.2	40	-179.4
33010	-24.0	217.0	38	-179.1
33020	-22.4	218.8	37	-179.4
33030	-20.3	220.6	35	-179.1
33040	-17.9	222.4	33	-179.1
33050	-16.0	224.2	31	-179.4
33060	-15.1	226.0	29	-179.1
33070	-1.8	227.8	28	-178.9
33080	5.6	229.5	26	-178.1
33090	14.6	231.3	24	-169.0
33100	8.9	232.9	23	-160.7
33110	-1.9	234.5	21	-156.2
33120	-3.5	236.0	19	-155.4
33130	-13.6	237.6	18	-156.8
33140	-30.2	239.2	16	-161.3
33150	-28.3	240.8	15	-169.0
33160	-10.7	242.6	13	-174.6
33170	-0.7	244.3	11	-173.5
33180	-1.1	246.0	9	-173.0
33190	6.5	247.8	8	-171.9
33200	8.9	249.5	6	-168.7
33210	3.5	251.1	4	-166.1
33220	-2.2	252.8	3	-165.3
33230	-1.8	254.4	1	-165.3
33240	-1.9	256.1	-1	-165.0
33250	-1.5	257.7	-2	-164.5
33260	-1.4	259.4	-4	-164.5
33270	-1.5	261.0	-6	-169.3
33280	-2.4	262.2	-7	-119.2
33290	-21.3	263.2	-8	-101.6
33300	-43.5	263.9	-8	-73.4
33310	-47.1	264.6	-9	-62.8
33320	-33.4	265.0	-10	-43.3
33330	-11.5	265.4	-10	-28.4
33340	1.2	265.6	-10	-25.0
33350	15.7	265.8	-10	-18.1
33360	31.3	265.9	-10	-10.3
33370	33.2	266.0	-11	-0.2
33380	28.3	265.9	-10	3.9
33390	19.7	265.8	-10	12.2
33400	12.1	265.7	-10	18.1
33410	10.7	265.5	-10	21.8
33420	15.9	265.3	-10	25.2

33430	22.4	265.0	-10	30.3
33440	26.8	264.7	-9	37.8
33450	27.5	264.3	-9	45.7
33460	25.0	263.8	-8	54.0
33470	21.3	263.3	-8	55.9
33480	19.4	262.7	-7	55.3
33490	20.3	262.0	-7	60.4
33500	23.2	261.3	-6	65.2
33510	25.4	260.5	-5	71.0
33520	25.8	259.7	-4	85.4
33530	23.9	258.8	-3	92.9
33540	21.0	257.8	-2	99.3
33550	18.8	256.7	-1	105.1
33560	18.7	255.7	0	110.4
33570	20.7	254.5	1	115.5
33580	22.9	253.3	2	121.3
33590	23.2	252.1	3	127.5
33600	21.6	250.7	5	133.9
33610	18.8	249.3	6	139.5
33620	16.0	247.9	8	144.5
33630	15.6	246.4	9	148.5
33640	16.5	244.9	11	152.8
33650	18.3	243.4	12	156.8
33660	19.1	241.8	14	161.5
33670	17.6	240.1	15	166.1
33680	14.5	238.4	17	170.6
33690	11.5	236.7	19	173.8
33700	10.6	234.9	21	176.5
33710	10.7	233.1	22	178.9
33720	13.4	231.4	24	179.4
33730	12.1	229.6	26	179.4
33740	5.3	227.8	28	179.1
33750	1.9	226.0	29	179.1
33760	3.5	224.2	31	179.1
33770	9.8	222.4	33	179.4
33780	14.9	220.6	35	180.2
33790	18.2	218.8	37	180.2
33800	16.7	217.0	38	180.2
33810	11.4	215.2	40	179.7
33820	5.6	213.4	42	179.4
33830	1.8	211.6	44	179.1
33840	1.8	209.8	46	178.9
33850	4.1	208.0	47	178.9
33860	8.7	206.2	49	179.4
33870	11.9	204.4	51	179.9
33880	11.9	202.6	53	179.9
33890	9.5	200.8	55	180.2
33900	5.7	199.0	56	179.4
33910	3.5	197.2	58	179.4
33920	4.3	195.4	60	179.4
33930	7.1	193.6	62	179.7
33940	10.2	191.8	64	179.9
33950	11.8	190.0	65	179.9
33960	11.3	188.2	67	179.9

33970	10.0	186.4	69	179.9
33980	8.8	184.6	71	179.9
33990	8.8	182.8	73	179.9
34000	9.2	181.1	74	179.9
34010	10.2	179.3	76	179.9
34020	12.2	177.5	78	179.9
34030	13.4	175.7	80	179.9
34040	13.4	173.9	82	179.9
34050	12.2	172.1	83	179.9
34060	10.4	170.3	85	179.7
34070	10.3	168.5	87	179.7
34080	10.4	166.7	89	179.7
34090	11.5	164.9	91	179.7
34100	12.5	163.1	92	179.9
34110	13.2	161.3	94	180.2
34120	13.7	159.5	96	179.9
34130	13.6	157.7	98	179.9
34140	13.0	155.9	100	179.7
34150	13.3	154.1	101	179.9
34160	14.1	152.3	103	179.9
34170	15.5	150.5	105	179.9
34180	16.3	148.7	107	179.9
34190	17.0	146.9	109	180.2
34200	17.0	145.1	110	179.9
34210	17.1	143.3	112	179.9
34220	17.6	141.5	114	179.7
34230	17.9	139.7	116	180.2
34240	18.4	137.9	118	179.9
34250	18.8	136.1	119	179.9
34260	19.1	134.3	121	179.9
34270	19.1	132.5	123	179.9
34280	18.2	130.7	125	179.7
34290	17.1	128.9	127	179.7
34300	15.9	127.1	128	179.7
34310	14.9	125.3	130	179.4
34320	14.6	123.5	132	179.9
34330	14.0	121.7	134	179.7
34340	12.6	119.9	136	179.4
34350	11.7	118.1	137	179.4
34360	11.0	116.3	139	179.4
34370	10.0	114.5	141	179.4
34380	8.9	112.7	143	179.4
34390	7.3	110.9	145	179.4
34400	6.0	109.1	146	179.4
34410	4.9	107.3	148	179.4
34420	4.3	105.5	150	179.1
34430	3.3	103.7	152	179.1
34440	2.2	101.9	154	179.4
34450	1.8	100.2	155	178.9
34460	1.6	98.4	157	178.6
34470	1.4	96.6	159	178.3
34480	1.2	94.8	161	178.1
34490	0.5	93.0	162	177.5
34500	-5.3	91.3	164	174.9

34510	-10.8	89.5	166	171.7
34520	-11.5	87.8	168	167.9
34530	-8.1	86.2	169	163.7
34540	-6.1	84.6	171	160.7
34550	-6.1	83.0	172	157.8
34560	-9.1	81.4	174	155.2
34570	-12.6	79.9	176	151.4
34580	-7.6	78.6	177	132.0
34590	1.9	77.5	178	94.2
34600	12.3	76.6	179	83.5
34610	24.8	75.9	180	59.9
34620	19.4	75.3	180	52.7
34630	3.0	74.9	181	40.9
34640	-2.6	74.6	181	27.9
34650	-16.5	74.3	181	22.6
34660	-28.2	74.1	181	12.5
34670	-30.8	74.1	181	5.0
34680	-27.9	74.1	181	-1.5
34690	-22.1	74.1	181	-6.9
34700	-17.8	74.2	181	-11.4
34710	-21.6	74.4	181	-15.7
34720	-29.0	74.6	181	-21.2
34730	-33.9	74.9	181	-27.6
34740	-32.8	75.3	180	-43.3
34750	-27.5	75.8	180	-52.7
34760	-23.7	76.3	179	-61.2
34770	-25.6	76.9	179	-68.9
34780	-32.1	77.6	178	-69.7
34790	-39.3	78.3	177	-70.8
34800	-41.2	79.2	176	-80.3
34810	-36.5	80.2	175	-90.7
34820	-27.1	81.3	174	-110.2
34830	-21.0	82.5	173	-117.6
34840	-21.4	83.7	172	-123.5
34850	-27.3	85.0	170	-129.9
34860	-33.5	86.3	169	-137.3
34870	-35.3	87.8	168	-146.6
34880	-31.9	89.3	166	-156.0
34890	-26.8	90.9	165	-165.0
34900	-25.5	92.6	163	-171.9
34910	-28.7	94.4	161	-176.2
34920	-37.4	96.1	159	-176.7
34930	-44.3	97.9	158	-177.5
34940	-46.0	99.7	156	-179.1
34950	-42.8	101.5	154	-179.1
34960	-38.5	103.3	152	-178.6
34970	-37.4	105.1	150	-179.1
34980	-41.0	106.9	149	-179.4
34990	-45.8	108.7	147	-179.9
35000	-48.1	110.5	145	-179.9
35010	-47.6	112.3	143	-179.9
35020	-44.9	114.1	141	-179.7
35030	-41.9	115.9	140	-179.7
35040	-39.9	117.7	138	-179.4

35050	-40.3	119.5	136	-179.4
35060	-42.4	121.3	134	-179.7
35070	-45.8	123.0	132	-179.9
35080	-48.5	124.8	131	-179.9
35090	-49.0	126.7	129	-180.2
35100	-47.3	128.5	127	-179.9
35110	-44.3	130.2	125	-179.4
35120	-42.7	132.0	123	-179.4
35130	-43.3	133.8	122	-179.7
35140	-44.2	135.6	120	-179.4
35150	-44.6	137.4	118	-179.7
35160	-43.9	139.2	116	-179.7
35170	-42.4	141.0	114	-179.4
35180	-41.5	142.8	113	-179.4
35190	-41.0	144.6	111	-179.4
35200	-40.0	146.4	109	-179.4
35210	-39.6	148.2	107	-179.4
35220	-40.1	150.0	105	-179.4
35230	-41.5	151.8	104	-179.7
35240	-42.0	153.6	102	-179.7
35250	-41.5	155.4	100	-179.7
35260	-40.3	157.2	98	-179.7
35270	-39.7	159.0	96	-179.1
35280	-40.3	160.8	95	-179.7
35290	-41.4	162.6	93	-179.7
35300	-41.5	164.4	91	-179.7
35310	-41.1	166.2	89	-179.7
35320	-40.0	168.0	87	-179.4
35330	-39.5	169.8	86	-179.1
35340	-38.2	171.6	84	-179.7
35350	-37.3	173.3	82	-179.4
35360	-36.3	175.1	80	-179.1
35370	-36.2	176.9	79	-179.4
35380	-36.1	178.7	77	-179.4
35390	-35.5	180.5	75	-179.7
35400	-34.3	182.3	73	-179.4
35410	-33.0	184.1	71	-179.7
35420	-31.7	185.9	70	-179.1
35430	-30.8	187.7	68	-179.1
35440	-29.4	189.5	66	-179.7
35450	-28.1	191.3	64	-179.1
35460	-26.8	193.1	62	-179.4
35470	-26.7	194.9	61	-179.4
35480	-27.1	196.7	59	-179.4
35490	-27.8	198.5	57	-179.7
35500	-27.0	200.3	55	-179.7
35510	-25.8	202.1	53	-179.4
35520	-24.3	203.9	52	-179.1
35530	-22.6	205.6	50	-179.1
35540	-20.9	207.4	48	-179.1
35550	-19.1	209.2	46	-179.1
35560	-17.5	211.0	44	-179.4
35570	-17.4	212.8	43	-179.1
35580	-18.2	214.6	41	-179.4

35590	-18.6	216.4	39	-179.4
35600	-17.8	218.2	37	-179.4
35610	-16.0	220.0	35	-179.4
35620	-14.1	221.8	34	-179.4
35630	-13.3	223.6	32	-179.1
35640	-12.7	225.4	30	-179.4
35650	-11.8	227.2	28	-179.4
35660	-10.2	229.0	26	-179.4
35670	-8.3	230.8	25	-179.1
35680	-8.4	232.5	23	-179.4
35690	-7.9	234.3	21	-179.7
35700	-7.1	236.1	19	-179.4
35710	-5.3	237.9	18	-179.4
35720	-3.7	239.7	16	-179.4
35730	-2.8	241.5	14	-179.1
35740	-2.2	243.3	12	-179.1
35750	-1.6	245.1	10	-179.4
35760	-1.6	246.9	9	-178.9
35770	-1.6	248.7	7	-178.9
35780	-1.6	250.5	5	-178.3
35790	-1.5	252.2	3	-177.8
35800	-0.8	254.0	1	-173.3
35810	2.2	255.7	0	-171.1
35820	7.1	257.4	-2	-168.7
35830	11.1	259.1	-4	-165.5
35840	10.2	260.6	-5	-143.4
35850	-3.7	261.9	-6	-111.2
35860	-22.2	263.0	-8	-97.1
35870	-49.8	263.8	-8	-84.3
35880	-50.6	264.4	-9	-60.6
35890	-37.8	264.9	-9	-50.5
35900	-12.2	265.3	-10	-34.0
35910	0.7	265.6	-10	-27.1
35920	17.2	265.8	-10	-18.3
35930	34.0	265.9	-10	-9.3
35940	38.8	265.9	-10	-1.0
35950	31.9	265.9	-10	3.7
35960	19.5	265.8	-10	12.7
35970	10.3	265.6	-10	18.3
35980	8.5	265.4	-10	21.5
35990	13.2	265.2	-10	24.2
36000	19.3	265.0	-10	28.7
36010	23.2	264.7	-9	35.4
36020	22.9	264.3	-9	42.3
36030	20.5	263.9	-8	49.7
36040	18.8	263.4	-8	50.8
36050	19.3	262.8	-7	50.3
36060	21.8	262.2	-7	55.3
36070	24.1	261.6	-6	60.6
36080	24.7	260.9	-5	66.5
36090	22.4	260.1	-5	72.1
36100	19.1	259.2	-4	86.2
36110	17.2	258.3	-3	91.5
36120	17.8	257.3	-2	95.8

36130	19.9	256.3	-1	101.1
36140	21.4	255.3	0	106.4
36150	21.6	254.2	1	112.0
36160	18.8	253.0	2	117.9
36170	15.5	251.8	4	122.9
36180	13.6	250.5	5	126.9
36190	13.4	249.2	6	130.4
36200	14.4	247.9	8	133.6
36210	15.7	246.6	9	137.3
36220	16.7	245.1	10	141.6
36230	16.3	243.7	12	145.8
36240	15.3	242.2	13	149.8
36250	14.2	240.7	15	153.6
36260	13.4	239.1	16	157.0
36270	12.7	237.5	18	160.2
36280	13.0	235.9	20	163.4
36290	13.3	234.2	21	166.6
36300	13.3	232.6	23	170.1
36310	12.5	230.8	25	172.7
36320	11.1	229.1	26	175.7
36330	10.4	227.3	28	178.3
36340	8.7	225.5	30	179.1
36350	11.8	223.7	32	179.4
36360	14.8	221.9	34	179.7
36370	19.0	220.1	35	180.2
36380	19.4	218.3	37	180.2
36390	14.0	216.5	39	179.9
36400	6.0	214.7	41	179.4
36410	1.5	212.9	43	179.1
36420	1.9	211.1	44	178.9
36430	5.7	209.4	46	179.1
36440	11.3	207.6	48	179.9
36450	14.5	205.8	50	180.2
36460	12.9	204.0	51	179.9
36470	7.7	202.2	53	179.7
36480	3.5	200.4	55	179.1
36490	2.2	198.6	57	179.1
36500	4.5	196.8	59	179.4
36510	9.5	195.0	60	179.7
36520	12.9	193.2	62	179.9
36530	14.1	191.4	64	180.4
36540	11.7	189.6	66	179.9
36550	8.7	187.8	68	179.9
36560	7.1	186.0	69	179.4
36570	7.5	184.2	71	179.4
36580	8.9	182.4	73	179.7
36590	9.5	180.6	75	179.7
36600	9.6	178.8	77	179.7
36610	9.8	177.0	78	179.7
36620	8.9	175.2	80	179.7
36630	8.5	173.4	82	179.4
36640	8.3	171.6	84	179.7
36650	8.9	169.8	86	179.9
36660	10.4	168.0	87	179.7

36670	11.5	166.2	89	179.9
36680	12.5	164.4	91	179.9
36690	12.6	162.6	93	179.9
36700	13.0	160.8	95	179.7
36710	13.3	159.0	96	179.9
36720	13.0	157.2	98	179.9
36730	14.0	155.4	100	179.9
36740	14.9	153.6	102	180.2
36750	16.0	151.8	104	179.9
36760	17.0	150.0	105	179.9
36770	17.5	148.2	107	180.2
36780	17.8	146.4	109	179.9
36790	18.0	144.6	111	179.9
36800	18.4	142.8	113	179.7
36810	19.0	141.0	114	179.7
36820	18.7	139.2	116	179.9
36830	18.7	137.4	118	179.9
36840	18.7	135.6	120	179.9
36850	19.1	133.8	122	179.9
36860	18.8	132.0	123	179.9
36870	18.0	130.2	125	179.7
36880	17.5	128.4	127	179.9
36890	17.0	126.6	129	179.7
36900	16.5	124.8	131	179.9
36910	16.8	123.0	132	179.7
36920	16.3	121.2	134	179.7
36930	15.6	119.4	136	179.7
36940	14.9	117.6	138	179.7
36950	14.5	115.8	140	179.4
36960	14.1	114.0	141	179.7
36970	12.9	112.2	143	179.7
36980	11.7	110.4	145	179.4
36990	10.4	108.7	147	179.4
37000	9.2	106.9	149	179.4
37010	8.3	105.1	150	179.4
37020	6.5	103.3	152	179.4
37030	4.3	101.5	154	179.1
37040	2.4	99.7	156	179.1
37050	1.8	97.9	158	179.4
37060	1.5	96.1	159	178.6
37070	1.4	94.3	161	178.6
37080	1.4	92.5	163	178.1
37090	0.9	90.8	165	177.5
37100	-3.0	89.0	166	175.7
37110	-10.2	87.3	168	172.7
37120	-12.9	85.6	170	169.0
37130	-10.7	83.9	172	164.7
37140	-6.4	82.3	173	161.0
37150	-5.0	80.7	175	158.1
37160	-5.4	79.2	176	138.4
37170	2.2	77.9	178	133.6
37180	3.7	76.9	179	95.8
37190	19.8	76.1	179	82.7
37200	24.4	75.5	180	60.1

37210	18.2	75.0	180	46.8
37220	0.0	74.6	181	35.1
37230	-1.9	74.3	181	23.6
37240	-12.6	74.1	181	19.1
37250	-23.6	74.0	181	13.0
37260	-27.7	73.9	182	3.7
37270	-22.1	73.9	182	-1.5
37280	-17.9	74.0	181	-5.5
37290	-17.9	74.1	181	-9.8
37300	-23.9	74.2	181	-14.3
37310	-29.3	74.4	181	-20.2
37320	-33.0	74.7	181	-27.1
37330	-35.9	75.1	180	-43.1
37340	-34.2	75.5	180	-53.7
37350	-30.8	76.1	179	-63.8
37360	-30.9	76.7	179	-73.7
37370	-34.7	77.4	178	-75.6
37380	-40.0	78.3	177	-76.9
37390	-42.3	79.2	176	-86.7
37400	-38.2	80.3	175	-97.1
37410	-28.9	81.5	174	-117.6
37420	-21.7	82.7	173	-125.6
37430	-20.9	84.0	171	-131.2
37440	-25.9	85.4	170	-137.3
37450	-33.2	86.8	169	-144.5
37460	-35.8	88.3	167	-154.1
37470	-34.0	89.9	166	-163.4
37480	-28.7	91.6	164	-172.7
37490	-27.1	93.4	162	-176.5
37500	-33.0	95.1	160	-176.5
37510	-41.9	96.9	159	-177.5
37520	-46.5	98.7	157	-178.6
37530	-45.6	100.5	155	-178.9
37540	-41.5	102.3	153	-178.9
37550	-37.6	104.1	151	-178.9
37560	-38.5	105.9	150	-179.1
37570	-43.0	107.7	148	-179.4
37580	-47.1	109.5	146	-180.2
37590	-48.5	111.3	144	-179.9
37600	-46.9	113.1	142	-179.9
37610	-43.3	114.8	141	-179.7
37620	-40.1	116.6	139	-179.4
37630	-38.9	118.4	137	-179.4
37640	-39.7	120.2	135	-179.4
37650	-41.4	122.0	133	-179.7
37660	-43.4	123.8	132	-179.9
37670	-44.7	125.6	130	-179.9
37680	-44.3	127.4	128	-179.7
37690	-42.8	129.2	126	-179.9
37700	-41.5	131.0	124	-179.7
37710	-41.4	132.8	123	-179.4
37720	-42.4	134.6	121	-179.7
37730	-43.8	136.4	119	-179.7
37740	-45.0	138.2	117	-179.7

37750	-45.3	140.0	115	-179.7
37760	-45.2	141.8	114	-179.9
37770	-45.0	143.6	112	-179.9
37780	-44.3	145.4	110	-179.7
37790	-43.4	147.2	108	-179.7
37800	-43.5	149.0	106	-179.4
37810	-44.5	150.8	105	-179.7
37820	-45.2	152.6	103	-179.9
37830	-45.0	154.4	101	-179.9
37840	-44.2	156.2	99	-179.9
37850	-42.8	158.0	97	-179.4
37860	-41.9	159.8	96	-179.7
37870	-42.3	161.6	94	-179.4
37880	-42.3	163.4	92	-179.9
37890	-42.3	165.2	90	-179.9
37900	-42.2	167.0	88	-179.7
37910	-41.6	168.8	87	-179.4
37920	-40.4	170.6	85	-179.4
37930	-39.1	172.4	83	-179.4
37940	-38.2	174.2	81	-179.7
37950	-37.7	175.9	80	-179.4
37960	-38.0	177.7	78	-179.7
37970	-38.4	179.5	76	-179.9
37980	-38.1	181.3	74	-179.7
37990	-37.0	183.1	72	-179.7
38000	-36.1	184.9	71	-179.4
38010	-34.6	186.7	69	-179.4
38020	-32.3	188.5	67	-179.1
38030	-30.6	190.3	65	-179.4
38040	-29.2	192.1	63	-179.4
38050	-28.6	193.9	62	-179.1
38060	-28.5	195.7	60	-179.4
38070	-28.9	197.5	58	-179.7
38080	-28.2	199.3	56	-179.4
38090	-26.4	201.1	54	-179.4
38100	-24.7	202.9	53	-179.4
38110	-23.1	204.7	51	-179.1
38120	-21.2	206.5	49	-179.4
38130	-19.5	208.2	47	-179.4
38140	-18.0	210.0	45	-179.1
38150	-16.5	211.8	44	-179.1
38160	-16.3	213.6	42	-179.4
38170	-16.8	215.4	40	-179.4
38180	-17.2	217.2	38	-179.4
38190	-16.7	219.0	36	-179.4
38200	-15.1	220.8	35	-179.4
38210	-14.1	222.6	33	-179.1
38220	-13.2	224.4	31	-179.4
38230	-16.0	226.2	29	-179.4
38240	-0.1	228.0	27	-178.6
38250	26.3	229.7	26	-176.7
38260	31.9	231.4	24	-165.0
38270	16.3	233.0	22	-156.2
38280	-3.1	234.5	21	-151.4

38290	-3.8	236.0	19	-150.9
38300	-12.1	237.6	18	-153.0
38310	-23.9	239.1	16	-157.8
38320	-21.4	240.8	15	-165.0
38330	-5.2	242.4	13	-169.5
38340	-0.9	244.1	11	-170.1
38350	0.8	245.8	10	-169.5
38360	7.2	247.5	8	-167.1
38370	5.4	249.2	6	-163.9
38380	-1.8	250.8	5	-161.8
38390	-2.2	252.4	3	-161.5
38400	-2.0	254.0	1	-161.5
38410	-2.2	255.6	0	-161.3
38420	-2.6	257.3	-2	-161.0
38430	-2.6	258.9	-3	-161.3
38440	-1.8	260.5	-5	-158.9
38450	-12.5	261.8	-6	-128.3
38460	-32.1	262.9	-7	-110.4
38470	-44.1	263.7	-8	-79.3
38480	-47.7	264.3	-9	-61.7
38490	-39.6	264.8	-9	-43.1
38500	-21.0	265.2	-10	-38.6
38510	-2.2	265.5	-10	-25.8
38520	0.8	265.7	-10	-17.3
38530	8.5	265.9	-10	-15.9
38540	19.8	266.0	-11	-9.0
38550	22.9	266.0	-11	-1.8
38560	19.0	266.0	-11	0.7
38570	15.5	266.0	-11	5.3
38580	13.2	265.9	-10	7.9
38590	14.0	265.8	-10	11.4
38600	16.1	265.6	-10	15.1
38610	18.6	265.4	-10	18.9
38620	20.6	265.2	-10	23.9
38630	21.0	264.9	-9	29.0
38640	21.0	264.5	-9	34.3
38650	21.4	264.1	-9	43.9
38660	23.1	263.6	-8	49.5
38670	24.7	263.0	-8	51.3
38680	25.4	262.4	-7	56.4
38690	25.8	261.8	-6	62.8
38700	25.6	261.0	-6	68.9
38710	25.6	260.2	-5	75.3
38720	24.7	259.3	-4	90.7
38730	22.8	258.3	-3	97.4
38740	20.9	257.3	-2	103.5
38750	20.2	256.2	-1	109.6
38760	21.7	255.1	0	115.2
38770	23.5	253.9	2	120.8
38780	24.0	252.6	3	127.5
38790	23.1	251.3	4	133.9
38800	20.9	249.9	6	140.0
38810	19.1	248.5	7	145.6
38820	17.5	247.0	8	150.4

38830	17.2	245.4	10	154.9
38840	17.9	243.8	12	159.4
38850	19.1	242.2	13	163.7
38860	18.4	240.5	15	168.5
38870	15.9	238.8	17	173.0
38880	11.8	237.1	18	176.7
38890	9.1	235.3	20	178.9
38900	8.7	233.5	22	179.1
38910	13.6	231.7	24	179.7
38920	4.9	229.9	26	179.4
38930	0.4	228.1	27	178.9
38940	0.7	226.3	29	178.1
38950	-3.1	224.5	31	176.5
38960	1.8	222.8	33	174.9
38970	2.0	221.1	34	174.3
38980	5.0	219.3	36	174.3
38990	17.0	217.6	38	175.9
39000	21.0	215.8	40	179.7
39010	16.5	214.0	41	179.9
39020	7.5	212.2	43	179.1
39030	0.7	210.4	45	178.9
39040	1.5	208.6	47	178.3
39050	1.6	206.8	49	178.1
39060	1.9	205.0	50	178.1
39070	4.6	203.2	52	178.1
39080	9.8	201.5	54	178.9
39090	11.5	199.7	56	179.9
39100	9.8	197.9	58	179.9
39110	6.8	196.1	59	179.7
39120	4.7	194.3	61	179.4
39130	4.6	192.5	63	179.1
39140	5.6	190.7	65	179.7
39150	7.9	188.9	67	179.7
39160	10.2	187.1	68	179.9
39170	11.4	185.3	70	180.2
39180	11.8	183.5	72	179.9
39190	11.5	181.7	74	179.7
39200	9.9	179.9	76	179.7
39210	9.9	178.1	77	179.9
39220	10.8	176.3	79	179.7
39230	11.9	174.5	81	179.9
39240	12.2	172.7	83	179.9
39250	11.7	170.9	85	179.7
39260	11.1	169.1	86	179.7
39270	11.1	167.3	88	179.7
39280	11.3	165.5	90	179.9
39290	12.1	163.7	92	179.7
39300	12.6	161.9	94	179.9
39310	13.8	160.1	95	179.9
39320	13.8	158.3	97	179.9
39330	12.9	156.5	99	179.7
39340	12.1	154.7	101	179.9
39350	12.1	152.9	103	179.9
39360	13.2	151.1	104	179.9

39370	14.1	149.3	106	179.7
39380	14.5	147.5	108	179.9
39390	14.8	145.7	110	179.9
39400	14.8	143.9	112	179.9
39410	15.1	142.1	113	179.7
39420	15.2	140.3	115	179.9
39430	15.1	138.5	117	179.9
39440	15.1	136.7	119	179.7
39450	15.5	134.9	121	179.9
39460	15.7	133.1	122	179.7
39470	15.3	131.3	124	179.7
39480	14.6	129.5	126	179.9
39490	14.1	127.7	128	180.2
39500	13.6	125.9	130	179.7
39510	13.6	124.1	131	179.7
39520	13.2	122.3	133	179.7
39530	11.8	120.5	135	179.7
39540	10.0	118.7	137	179.7
39550	8.9	116.9	139	179.7
39560	8.4	115.1	140	179.4
39570	7.5	113.3	142	179.4
39580	6.5	111.6	144	179.4
39590	5.4	109.8	146	179.7
39600	3.9	108.0	147	179.4
39610	3.4	106.2	149	179.7
39620	3.0	104.4	151	179.1
39630	2.3	102.6	153	179.4
39640	1.8	100.8	155	179.1
39650	1.6	99.0	156	178.9
39660	1.5	97.2	158	178.6
39670	1.4	95.4	160	178.3
39680	1.2	93.6	162	178.1
39690	0.7	91.9	164	177.3
39700	-4.5	90.1	165	174.9
39710	-9.4	88.4	167	171.9
39720	-10.4	86.7	169	168.5
39730	-7.9	85.0	170	165.0
39740	-5.8	83.4	172	161.8
39750	-5.4	81.8	174	159.7
39760	-8.0	80.3	175	141.3
39770	-7.1	78.8	177	127.5
39780	2.6	77.6	178	113.4
39790	10.4	76.7	179	79.6
39800	27.4	75.9	180	70.5
39810	27.9	75.3	180	61.2
39820	14.9	74.9	181	43.3
39830	-1.6	74.5	181	32.2
39840	-5.8	74.2	181	24.7
39850	-20.6	74.0	181	19.4
39860	-21.2	73.9	182	10.9
39870	-18.3	73.9	182	3.7
39880	-9.1	73.9	182	-0.5
39890	-5.6	73.9	182	-1.0
39900	-7.9	73.9	182	-3.7

39910	-16.3	73.9	182	-6.1
39920	-22.2	74.0	181	-11.4
39930	-23.9	74.2	181	-18.3
39940	-22.5	74.4	181	-25.0
39950	-20.6	74.7	181	-31.4
39960	-21.8	75.0	180	-34.0
39970	-28.3	75.4	180	-35.9
39980	-35.8	75.9	180	-52.7
39990	-38.6	76.4	179	-57.5
40000	-36.6	77.0	178	-61.2
40010	-30.1	77.8	178	-70.0
40020	-24.0	78.6	177	-77.2
40030	-22.2	79.5	176	-83.0
40040	-25.4	80.5	175	-98.7
40050	-29.8	81.6	174	-105.6
40060	-31.2	82.7	173	-114.4
40070	-29.3	83.9	172	-122.7
40080	-25.9	85.2	170	-130.9
40090	-24.8	86.6	169	-137.6
40100	-27.4	88.0	167	-144.8
40110	-31.1	89.5	166	-152.0
40120	-31.9	91.1	164	-161.0
40130	-28.9	92.8	163	-169.0
40140	-25.2	94.5	161	-175.7
40150	-27.7	96.3	159	-176.2
40160	-35.4	98.0	157	-176.5
40170	-43.3	99.8	156	-178.1
40180	-46.5	101.6	154	-179.1
40190	-46.2	103.4	152	-179.1
40200	-44.1	105.2	150	-179.1
40210	-42.7	107.0	148	-179.1
40220	-42.3	108.8	147	-179.4
40230	-42.2	110.6	145	-179.1
40240	-42.8	112.4	143	-179.4
40250	-43.8	114.1	141	-179.4
40260	-44.5	115.9	140	-179.4
40270	-44.2	117.7	138	-179.9
40280	-43.7	119.5	136	-179.4
40290	-43.1	121.3	134	-179.7
40300	-43.1	123.1	132	-179.7
40310	-43.7	124.9	131	-179.7
40320	-43.8	126.7	129	-179.7
40330	-43.0	128.5	127	-179.7
40340	-41.9	130.3	125	-179.4
40350	-42.0	132.1	123	-179.1
40360	-43.4	133.9	122	-179.7
40370	-44.7	135.7	120	-179.7
40380	-45.3	137.5	118	-179.7
40390	-44.9	139.3	116	-179.9
40400	-44.3	141.1	114	-179.7
40410	-43.9	142.9	113	-179.7
40420	-43.7	144.7	111	-179.9
40430	-42.8	146.5	109	-179.7
40440	-42.8	148.3	107	-179.4

40450	-43.9	150.1	105	-179.4
40460	-45.6	151.9	104	-179.7
40470	-46.4	153.7	102	-179.9
40480	-45.8	155.5	100	-180.2
40490	-44.1	157.3	98	-179.9
40500	-42.4	159.1	96	-179.1
40510	-41.9	160.9	95	-179.4
40520	-41.5	162.7	93	-179.7
40530	-41.2	164.5	91	-179.4
40540	-40.8	166.3	89	-179.7
40550	-40.4	168.0	87	-179.1
40560	-40.4	169.8	86	-179.1
40570	-39.7	171.6	84	-179.7
40580	-38.4	173.4	82	-179.9
40590	-37.3	175.2	80	-179.4
40600	-36.6	177.0	78	-179.4
40610	-36.5	178.8	77	-179.4
40620	-35.9	180.6	75	-179.4
40630	-34.7	182.4	73	-179.4
40640	-33.5	184.2	71	-179.4
40650	-32.5	186.0	69	-179.4
40660	-31.6	187.8	68	-179.1
40670	-29.8	189.6	66	-179.7
40680	-27.9	191.4	64	-179.1
40690	-26.3	193.2	62	-178.9
40700	-25.9	195.0	60	-179.4
40710	-26.4	196.7	59	-179.4
40720	-27.3	198.5	57	-179.7
40730	-26.7	200.3	55	-179.7
40740	-25.6	202.1	53	-179.4
40750	-24.0	203.9	52	-179.1
40760	-21.7	205.7	50	-179.4
40770	-19.3	207.5	48	-179.1
40780	-16.7	209.3	46	-179.1
40790	-14.9	211.1	44	-179.4
40800	-14.9	212.9	43	-179.1
40810	-15.9	214.7	41	-179.1
40820	-16.7	216.5	39	-179.7
40830	-16.3	218.3	37	-179.4
40840	-14.2	220.1	35	-179.4
40850	-11.9	221.9	34	-179.4
40860	-10.7	223.7	32	-179.1
40870	-9.9	225.4	30	-178.9
40880	-9.2	227.2	28	-179.4
40890	-8.3	229.0	26	-179.4
40900	-7.9	230.8	25	-179.1
40910	-7.6	232.6	23	-179.7
40920	-7.3	234.4	21	-179.7
40930	-6.1	236.2	19	-179.1
40940	-4.3	238.0	17	-179.1
40950	-2.4	239.8	16	-179.4
40960	-1.9	241.6	14	-179.1
40970	-1.8	243.4	12	-178.9
40980	-1.6	245.2	10	-178.6

40990	-1.6	247.0	8	-178.1
41000	-1.5	248.7	7	-178.1
41010	-1.4	250.5	5	-177.8
41020	1.2	252.3	3	-172.7
41030	5.3	254.0	1	-169.8
41040	7.9	255.6	0	-166.9
41050	7.7	257.3	-2	-163.7
41060	6.2	258.9	-3	-160.7
41070	4.5	260.5	-5	-171.1
41080	-2.6	261.7	-6	-126.1
41090	-16.5	262.8	-7	-88.3
41100	-39.1	263.6	-8	-78.5
41110	-43.5	264.3	-9	-55.9
41120	-34.0	264.8	-9	-48.1
41130	-12.2	265.2	-10	-32.2
41140	0.7	265.5	-10	-28.4
41150	14.8	265.7	-10	-19.7
41160	30.9	265.8	-10	-11.1
41170	35.0	265.9	-10	-4.2
41180	27.9	265.9	-10	2.1
41190	18.6	265.8	-10	7.7
41200	12.7	265.7	-10	13.0
41210	12.1	265.6	-10	15.4
41220	16.8	265.4	-10	17.3
41230	22.1	265.2	-10	22.0
41240	24.3	264.9	-9	27.9
41250	22.4	264.5	-9	41.7
41260	19.9	264.1	-9	44.1
41270	19.0	263.6	-8	44.7
41280	21.8	263.1	-8	49.7
41290	26.2	262.5	-7	55.3
41300	28.5	261.8	-6	62.0
41310	27.3	261.1	-6	68.6
41320	23.1	260.2	-5	75.0
41330	19.4	259.3	-4	89.4
41340	17.6	258.4	-3	94.5
41350	18.8	257.4	-2	99.3
41360	22.5	256.4	-1	104.8
41370	25.0	255.3	0	111.0
41380	25.2	254.1	1	117.6
41390	22.2	252.9	3	124.5
41400	17.9	251.6	4	130.7
41410	15.5	250.3	5	135.2
41420	15.2	248.9	7	139.2
41430	15.7	247.5	8	143.2
41440	16.7	246.0	9	147.2
41450	16.5	244.5	11	151.4
41460	15.5	242.9	13	155.7
41470	14.6	241.4	14	159.7
41480	14.2	239.7	16	163.1
41490	23.2	238.1	17	166.9
41500	-0.7	236.4	19	170.1
41510	-25.1	234.7	21	167.4
41520	-32.5	233.1	22	161.5

41530	-23.6	231.5	24	154.4
41540	-6.1	230.0	25	149.6
41550	1.2	228.5	27	148.2
41560	1.8	227.0	28	148.0
41570	1.4	225.6	30	147.7
41580	4.5	224.1	31	147.4
41590	15.1	222.6	33	149.3
41600	21.0	221.1	34	153.6
41610	18.0	219.5	36	160.0
41620	4.9	217.8	38	164.5
41630	0.1	216.2	39	165.5
41640	1.6	214.5	41	165.0
41650	1.1	212.9	43	164.7
41660	1.6	211.2	44	164.2
41670	1.9	209.6	46	164.2
41680	1.8	208.0	47	163.9
41690	1.9	206.3	49	163.7
41700	4.7	204.7	51	163.4
41710	11.3	203.1	52	164.5
41720	12.3	201.4	54	166.9
41730	7.5	199.7	56	169.5
41740	1.8	198.0	57	170.9
41750	1.4	196.3	59	170.6
41760	1.8	194.6	61	170.3
41770	3.0	192.9	63	169.8
41780	6.8	191.2	64	170.3
41790	9.9	189.5	66	171.7
41800	10.0	187.7	68	173.8
41810	7.7	186.0	69	175.9
41820	5.4	184.2	71	177.3
41830	5.2	182.4	73	178.1
41840	5.4	180.6	75	178.9
41850	7.3	178.8	77	179.1
41860	10.7	177.0	78	179.7
41870	12.2	175.2	80	179.9
41880	12.2	173.5	82	179.9
41890	10.7	171.7	84	179.7
41900	8.8	169.9	86	179.4
41910	8.4	168.1	87	179.7
41920	8.8	166.3	89	179.7
41930	10.4	164.5	91	179.7
41940	11.9	162.7	93	179.7
41950	13.0	160.9	95	179.9
41960	13.3	159.1	96	179.9
41970	12.1	157.3	98	179.9
41980	11.4	155.5	100	179.7
41990	11.1	153.7	102	179.7
42000	11.7	151.9	104	179.7
42010	12.7	150.1	105	179.9
42020	13.7	148.3	107	179.9
42030	14.4	146.5	109	179.7
42040	14.1	144.7	111	179.7
42050	14.0	142.9	113	179.7
42060	14.4	141.1	114	179.7

42070	14.8	139.3	116	180.2
42080	15.6	137.5	118	179.9
42090	16.5	135.7	120	179.9
42100	17.4	133.9	122	179.9
42110	17.8	132.1	123	179.9
42120	17.4	130.3	125	179.9
42130	17.1	128.5	127	179.7
42140	16.8	126.7	129	179.7
42150	16.7	124.9	131	179.9
42160	17.1	123.1	132	179.9
42170	17.0	121.3	134	179.9
42180	17.0	119.5	136	179.7
42190	16.5	117.7	138	179.9
42200	16.1	115.9	140	179.7
42210	15.2	114.1	141	179.7
42220	13.4	112.3	143	179.4
42230	11.5	110.5	145	179.4
42240	9.6	108.7	147	179.7
42250	8.4	106.9	149	179.4
42260	7.6	105.1	150	179.4
42270	6.5	103.3	152	179.4
42280	5.4	101.5	154	179.4
42290	4.2	99.7	156	179.1
42300	2.8	98.0	157	179.4
42310	1.9	96.2	159	179.1
42320	1.5	94.4	161	179.4
42330	1.4	92.6	163	178.9
42340	1.2	90.8	165	178.3
42350	0.7	89.0	166	177.8
42360	-5.7	87.3	168	175.9
42370	-12.5	85.5	170	171.9
42380	-13.7	83.8	172	167.7
42390	-9.2	82.2	173	163.1
42400	-4.9	80.6	175	160.2
42410	-1.8	79.1	176	137.3
42420	2.2	77.8	178	132.5
42430	16.5	76.8	179	94.5
42440	35.4	76.0	179	81.7
42450	35.7	75.4	180	52.4
42460	17.6	74.9	181	44.4
42470	-0.9	74.6	181	32.7
42480	-14.8	74.3	181	26.8
42490	-29.0	74.1	181	17.0
42500	-30.1	74.0	181	9.8
42510	-25.4	73.9	182	1.8
42520	-17.0	74.0	181	-1.5
42530	-14.1	74.0	181	-5.8
42540	-17.1	74.1	181	-11.4
42550	-24.1	74.3	181	-17.0
42560	-28.5	74.5	181	-24.7
42570	-28.7	74.7	181	-33.2
42580	-27.8	75.1	180	-42.3
42590	-27.0	75.6	180	-50.3
42600	-28.7	76.1	179	-58.8

42610	-32.3	76.6	179	-61.2
42620	-36.7	77.3	178	-63.3
42630	-39.2	78.1	177	-73.4
42640	-37.6	79.0	176	-81.7
42650	-31.6	80.0	175	-91.0
42660	-24.4	81.1	174	-109.1
42670	-20.6	82.2	173	-115.8
42680	-21.7	83.4	172	-121.6
42690	-25.9	84.7	171	-127.5
42700	-29.6	86.0	169	-134.9
42710	-30.1	87.4	168	-142.6
42720	-28.1	88.9	167	-150.9
42730	-25.2	90.5	165	-158.6
42740	-24.5	92.1	163	-165.0
42750	-25.6	93.8	162	-171.7
42760	-27.9	95.6	160	-176.2
42770	-33.2	97.3	158	-176.5
42780	-36.3	99.1	156	-177.0
42790	-36.9	100.9	155	-177.3
42800	-35.9	102.7	153	-177.8
42810	-35.3	104.4	151	-178.6
42820	-36.5	106.2	149	-178.6
42830	-39.7	108.0	147	-179.4
42840	-41.9	109.8	146	-179.7
42850	-42.4	111.6	144	-179.7
42860	-41.0	113.4	142	-179.4
42870	-37.7	115.2	140	-179.4
42880	-35.5	117.0	138	-179.1
42890	-35.4	118.8	137	-179.4
42900	-37.6	120.6	135	-179.4
42910	-41.0	122.4	133	-179.7
42920	-43.7	124.2	131	-179.9
42930	-44.6	126.0	129	-180.2
42940	-43.1	127.8	128	-179.9
42950	-40.4	129.6	126	-179.7
42960	-38.5	131.4	124	-179.7
42970	-39.1	133.2	122	-179.4
42980	-41.2	135.0	120	-179.7
42990	-43.1	136.8	119	-179.9
43000	-43.8	138.6	117	-179.9
43010	-43.7	140.4	115	-179.9
43020	-43.0	142.2	113	-180.2
43030	-43.0	144.0	111	-179.9
43040	-42.4	145.8	110	-179.7
43050	-41.9	147.6	108	-179.7
43060	-41.9	149.4	106	-179.7
43070	-41.9	151.2	104	-179.7
43080	-41.9	152.9	103	-179.7
43090	-41.1	154.7	101	-179.9
43100	-39.7	156.5	99	-179.4
43110	-38.8	158.3	97	-179.1
43120	-39.2	160.1	95	-179.4
43130	-40.1	161.9	94	-179.7
43140	-40.4	163.7	92	-179.7

43150	-40.0	165.5	90	-179.9
43160	-38.9	167.3	88	-179.1
43170	-37.6	169.1	86	-179.1
43180	-36.7	170.9	85	-179.7
43190	-36.1	172.7	83	-179.4
43200	-35.7	174.5	81	-179.4
43210	-35.8	176.3	79	-179.7
43220	-36.1	178.1	77	-179.7
43230	-36.1	179.9	76	-179.7
43240	-35.4	181.7	74	-179.7
43250	-34.3	183.5	72	-179.4
43260	-33.2	185.3	70	-179.4
43270	-32.1	187.1	68	-179.7
43280	-31.1	188.9	67	-179.4
43290	-30.1	190.7	65	-179.4
43300	-29.7	192.4	63	-179.4
43310	-29.3	194.2	61	-179.1
43320	-29.2	196.0	59	-179.1
43330	-29.0	197.8	58	-179.9
43340	-27.8	199.6	56	-179.7
43350	-25.9	201.4	54	-179.1
43360	-24.8	203.2	52	-179.1
43370	-24.1	205.0	50	-179.1
43380	-23.5	206.8	49	-179.7
43390	-22.5	208.6	47	-179.4
43400	-21.3	210.4	45	-179.1
43410	-20.3	212.2	43	-179.1
43420	-19.9	214.0	41	-179.4
43430	-19.8	215.8	40	-179.4
43440	-19.0	217.6	38	-179.4
43450	-17.4	219.4	36	-179.1
43460	-15.5	221.2	34	-179.1
43470	-13.8	222.9	33	-179.1
43480	-12.6	224.7	31	-179.4
43490	-11.4	226.5	29	-179.1
43500	-10.0	228.3	27	-179.1
43510	-5.8	230.1	25	-179.1
43520	-5.6	231.9	24	-179.4
43530	-6.9	233.7	22	-179.4
43540	-8.0	235.5	20	-179.4
43550	-8.1	237.3	18	-179.7
43560	-6.8	239.1	16	-179.7
43570	-5.7	240.9	15	-179.1
43580	-3.9	242.7	13	-179.4
43590	-2.0	244.5	11	-179.1
43600	-1.5	246.3	9	-179.1
43610	-1.6	248.1	7	-178.9
43620	-1.6	249.8	6	-178.6
43630	-1.6	251.6	4	-178.1
43640	-0.8	253.4	2	-177.8
43650	4.2	255.2	0	-173.0
43660	9.1	256.8	-1	-168.5
43670	13.4	258.5	-3	-164.5
43680	14.1	260.0	-5	-143.4

43690	2.8	261.4	-6	-119.5
43700	-3.3	262.6	-7	-104.8
43710	-17.9	263.4	-8	-74.2
43720	-33.2	264.1	-9	-66.0
43730	-31.5	264.7	-9	-51.1
43740	-11.3	265.1	-10	-34.3
43750	1.6	265.4	-10	-30.8
43760	18.4	265.6	-10	-20.2
43770	41.8	265.8	-10	-10.1
43780	48.0	265.8	-10	0.2
43790	40.8	265.8	-10	6.6
43800	25.1	265.6	-10	17.8
43810	12.6	265.4	-10	24.4
43820	10.3	265.2	-10	27.6
43830	17.1	264.9	-9	30.3
43840	25.2	264.6	-9	32.2
43850	30.5	264.2	-9	39.4
43860	28.5	263.8	-8	48.1
43870	21.3	263.2	-8	50.3
43880	16.0	262.6	-7	68.4
43890	16.5	261.9	-6	73.4
43900	21.4	261.2	-6	78.5
43910	26.4	260.5	-5	84.9
43920	27.8	259.6	-4	92.9
43930	24.1	258.7	-3	91.8
43940	17.8	257.8	-2	98.7
43950	13.3	256.7	-1	103.2
43960	13.4	255.7	0	107.0
43970	18.0	254.6	1	110.7
43980	23.2	253.4	2	115.5
43990	24.5	252.2	3	121.6
44000	22.4	251.0	4	128.3
44010	17.2	249.6	6	134.1
44020	13.0	248.3	7	138.4
44030	13.3	246.9	9	141.8
44040	16.8	245.4	10	145.6
44050	20.3	243.9	12	149.8
44060	19.4	242.4	13	155.2
44070	14.9	240.8	15	159.7
44080	9.5	239.2	16	163.1
44090	5.8	237.5	18	165.0
44100	6.2	235.9	20	166.1
44110	9.1	234.2	21	167.4
44120	12.1	232.5	23	169.5
44130	11.9	230.8	25	172.5
44140	10.2	229.0	26	175.1
44150	6.8	227.3	28	177.0
44160	2.6	225.5	30	178.6
44170	4.9	223.7	32	179.4
44180	8.1	221.9	34	179.4
44190	12.3	220.1	35	179.9
44200	14.4	218.3	37	179.9
44210	11.9	216.5	39	179.7
44220	5.6	214.7	41	179.4

44230	1.2	212.9	43	179.1
44240	1.5	211.1	44	178.9
44250	1.8	209.3	46	178.6
44260	3.1	207.6	48	178.3
44270	7.5	205.8	50	178.9
44280	10.3	204.0	51	179.9
44290	9.4	202.2	53	179.9
44300	6.6	200.4	55	179.7
44310	3.3	198.6	57	179.4
44320	2.3	196.8	59	179.4
44330	3.5	195.0	60	179.4
44340	5.3	193.2	62	179.4
44350	7.3	191.4	64	179.9
44360	7.7	189.6	66	179.7
44370	6.9	187.8	68	179.7
44380	6.1	186.0	69	179.9
44390	5.4	184.2	71	179.7
44400	5.7	182.4	73	179.7
44410	5.7	180.6	75	179.7
44420	6.2	178.8	77	179.9
44430	7.6	177.0	78	179.9
44440	7.5	175.2	80	179.9
44450	6.9	173.4	82	179.9
44460	6.1	171.6	84	179.7
44470	5.6	169.8	86	179.9
44480	6.5	168.0	87	179.7
44490	7.3	166.2	89	179.9
44500	8.5	164.4	91	180.2
44510	8.8	162.6	93	179.9
44520	9.2	160.8	95	180.2
44530	9.5	159.0	96	179.9
44540	9.4	157.2	98	179.9
44550	10.4	155.4	100	179.9
44560	11.7	153.6	102	179.9
44570	12.9	151.8	104	179.7
44580	13.6	150.0	105	180.2
44590	13.6	148.2	107	180.2
44600	13.4	146.4	109	179.9
44610	12.9	144.6	111	179.9
44620	12.6	142.8	113	179.9
44630	12.9	141.0	114	179.7
44640	13.2	139.2	116	179.7
44650	13.4	137.4	118	179.9
44660	13.3	135.6	120	179.9
44670	13.3	133.8	122	179.7
44680	12.7	132.0	123	179.7
44690	11.9	130.2	125	179.7
44700	11.8	128.4	127	179.7
44710	11.8	126.7	129	179.4
44720	12.1	124.9	131	179.7
44730	12.5	123.1	132	179.7
44740	12.1	121.3	134	179.9
44750	11.3	119.5	136	179.7
44760	10.6	117.7	138	179.7

44770	10.2	115.9	140	179.4
44780	9.8	114.1	141	179.7
44790	9.1	112.3	143	179.7
44800	8.4	110.5	145	179.4
44810	7.2	108.7	147	179.4
44820	6.2	106.9	149	179.4
44830	5.7	105.1	150	179.4
44840	4.7	103.3	152	179.7
44850	3.7	101.5	154	179.4
44860	2.6	99.7	156	179.1
44870	1.9	97.9	158	179.4
44880	1.6	96.1	159	179.1
44890	1.4	94.3	161	178.9
44900	1.4	92.6	163	178.3
44910	1.1	90.8	165	177.8
44920	-1.6	89.0	166	176.7
44930	-8.7	87.3	168	173.5
44940	-11.9	85.6	170	170.1
44950	-10.3	83.9	172	165.8
44960	-5.8	82.3	173	162.3
44970	-4.2	80.7	175	159.7
44980	-4.7	79.2	176	137.1
44990	2.2	77.9	178	122.1
45000	5.4	76.8	179	103.8
45010	19.1	76.1	179	74.8
45020	22.2	75.4	180	58.8
45030	13.7	75.0	180	40.4
45040	-2.2	74.6	181	33.8
45050	-7.7	74.3	181	25.5
45060	-25.2	74.1	181	19.4
45070	-26.8	74.0	181	9.8
45080	-23.6	74.0	181	1.3
45090	-14.9	74.0	181	-2.1
45100	-9.5	74.0	181	-5.3
45110	-9.8	74.1	181	-7.9
45120	-17.4	74.2	181	-11.1
45130	-24.8	74.4	181	-15.7
45140	-27.1	74.6	181	-26.3
45150	-24.8	74.9	181	-34.3
45160	-21.7	75.3	180	-37.5
45170	-22.4	75.7	180	-43.1
45180	-28.6	76.2	179	-44.4
45190	-32.8	76.7	179	-63.3
45200	-37.3	77.3	178	-66.2
45210	-40.3	78.1	177	-68.9
45220	-37.8	78.9	177	-78.5
45230	-30.8	79.9	176	-87.5
45240	-23.3	81.0	174	-105.1
45250	-21.7	82.1	173	-111.5
45260	-25.4	83.2	172	-117.9
45270	-31.2	84.5	171	-124.8
45280	-33.8	85.8	170	-133.6
45290	-32.1	87.2	168	-142.9
45300	-27.5	88.7	167	-151.7

45310	-25.2	90.3	165	-159.2
45320	-25.0	91.9	164	-166.1
45330	-27.7	93.6	162	-172.7
45340	-32.4	95.4	160	-176.5
45350	-37.7	97.1	158	-177.3
45360	-41.0	98.9	157	-177.8
45370	-40.7	100.7	155	-178.3
45380	-39.3	102.5	153	-178.9
45390	-38.8	104.3	151	-179.1
45400	-40.3	106.1	149	-179.1
45410	-43.0	107.9	148	-179.7
45420	-44.6	109.7	146	-179.9
45430	-44.3	111.5	144	-179.7
45440	-43.0	113.3	142	-179.4
45450	-40.5	115.1	140	-179.4
45460	-38.6	116.8	139	-179.1
45470	-38.6	118.6	137	-179.4
45480	-40.4	120.4	135	-179.7
45490	-42.7	122.2	133	-179.7
45500	-45.4	124.0	131	-179.9
45510	-46.6	125.8	130	-180.2
45520	-46.1	127.6	128	-179.9
45530	-44.3	129.4	126	-179.7
45540	-43.4	131.2	124	-179.9
45550	-44.3	133.0	122	-179.7
45560	-46.8	134.8	121	-179.9
45570	-49.2	136.6	119	-180.2
45580	-51.0	138.4	117	-180.2
45590	-51.4	140.2	115	-180.2
45600	-50.7	142.0	113	-180.2
45610	-49.8	143.8	112	-179.9
45620	-48.1	145.6	110	-179.7
45630	-46.8	147.4	108	-179.7
45640	-46.8	149.2	106	-179.4
45650	-47.6	151.0	104	-179.7
45660	-48.1	152.8	103	-179.9
45670	-47.6	154.6	101	-179.7
45680	-46.1	156.4	99	-179.4
45690	-44.1	158.2	97	-179.1
45700	-43.3	160.0	95	-179.7
45710	-43.5	161.8	94	-179.4
45720	-43.9	163.6	92	-179.7
45730	-43.9	165.4	90	-179.7
45740	-43.3	167.2	88	-179.1
45750	-42.0	169.0	86	-179.1
45760	-40.8	170.8	85	-179.4
45770	-39.5	172.6	83	-179.1
45780	-38.9	174.4	81	-179.1
45790	-38.2	176.2	79	-179.4
45800	-38.0	177.9	78	-179.7
45810	-37.6	179.7	76	-179.7
45820	-36.6	181.5	74	-179.7
45830	-35.3	183.3	72	-179.4
45840	-34.4	185.1	70	-179.1

45850	-33.5	186.9	69	-179.1
45860	-32.0	188.7	67	-179.4
45870	-30.5	190.5	65	-179.4
45880	-29.4	192.3	63	-179.4
45890	-28.9	194.1	61	-179.1
45900	-28.6	195.9	60	-179.4
45910	-29.0	197.7	58	-179.7
45920	-28.5	199.5	56	-179.4
45930	-27.1	201.3	54	-179.4
45940	-26.2	203.1	52	-179.4
45950	-25.1	204.9	51	-179.1
45960	-23.9	206.7	49	-179.4
45970	-22.5	208.5	47	-179.4
45980	-20.9	210.2	45	-179.1
45990	-19.9	212.0	43	-179.1
46000	-19.9	213.8	42	-179.4
46010	-20.3	215.6	40	-179.4
46020	-19.9	217.4	38	-179.4
46030	-18.0	219.2	36	-179.4
46040	-15.7	221.0	34	-179.4
46050	-13.6	222.8	33	-178.9
46060	-12.1	224.6	31	-179.1
46070	-11.0	226.4	29	-179.1
46080	-8.7	228.2	27	-179.4
46090	-2.8	230.0	25	-179.1
46100	-3.3	231.8	24	-179.1
46110	-5.6	233.6	22	-179.4
46120	-8.0	235.4	20	-179.7
46130	-8.4	237.2	18	-179.9
46140	-6.0	238.9	17	-179.4
46150	-3.8	240.7	15	-179.4
46160	-1.6	242.5	13	-179.7
46170	-1.6	244.3	11	-178.9
46180	-1.6	246.1	9	-178.6
46190	-1.4	247.9	8	-178.3
46200	2.2	249.7	6	-177.5
46210	8.9	251.4	4	-170.3
46220	13.4	253.1	2	-166.3
46230	16.1	254.7	1	-160.7
46240	16.7	256.3	-1	-155.4
46250	15.6	257.8	-2	-149.3
46260	14.4	259.2	-4	-144.0
46270	11.8	260.5	-5	-122.9
46280	1.4	261.7	-6	-97.7
46290	-2.0	262.6	-7	-88.6
46300	-1.1	263.4	-8	-63.6
46310	-1.2	264.0	-9	-62.2
46320	0.0	264.5	-9	-45.5
46330	0.9	264.8	-9	-32.7
46340	19.5	265.2	-10	-29.8
46350	39.1	265.3	-10	-16.7
46360	46.8	265.4	-10	-3.9
46370	42.2	265.4	-10	3.4
46380	31.9	265.3	-10	11.9

46390	20.3	265.1	-10	23.6
46400	16.7	264.8	-9	29.5
46410	20.5	264.5	-9	31.4
46420	28.6	264.2	-9	40.9
46430	34.4	263.7	-8	49.2
46440	34.4	263.2	-8	59.6
46450	29.7	262.6	-7	63.3
46460	23.9	261.9	-6	64.4
46470	21.3	261.2	-6	71.3
46480	22.8	260.4	-5	75.6
46490	27.5	259.4	-4	89.9
46500	30.2	258.5	-3	97.9
46510	28.3	257.4	-2	106.4
46520	23.7	256.3	-1	114.2
46530	19.5	255.1	0	120.8
46540	18.6	253.9	2	125.6
46550	21.4	252.6	3	130.9
46560	25.0	251.2	4	136.8
46570	26.3	249.8	6	143.7
46580	23.9	248.3	7	150.4
46590	19.0	246.8	9	156.8
46600	15.2	245.1	10	161.5
46610	14.4	243.5	12	165.3
46620	16.5	241.8	14	168.7
46630	19.3	240.1	15	173.0
46640	19.4	238.3	17	177.5
46650	17.8	236.5	19	179.9
46660	16.5	234.7	21	179.7
46670	15.7	232.9	23	179.7
46680	15.7	231.2	24	179.7
46690	15.2	229.4	26	179.4
46700	14.8	227.6	28	179.4
46710	14.2	225.8	30	179.7
46720	13.3	224.0	31	179.7
46730	12.1	222.2	33	179.4
46740	10.8	220.4	35	179.4
46750	9.4	218.6	37	179.1
46760	8.0	216.8	39	179.1
46770	7.7	215.0	40	179.4
46780	8.1	213.2	42	179.4
46790	8.1	211.4	44	179.7
46800	8.3	209.6	46	179.4
46810	9.6	207.8	48	179.4
46820	8.9	206.0	49	179.4
46830	5.0	204.2	51	179.4
46840	1.1	202.4	53	179.4
46850	1.4	200.6	55	178.9
46860	1.5	198.9	57	178.3
46870	1.8	197.1	58	178.1
46880	1.8	195.3	60	177.5
46890	2.2	193.5	62	176.2
46900	4.5	191.8	64	176.2
46910	7.2	190.0	65	176.7
46920	6.2	188.2	67	178.1

46930	3.8	186.4	69	179.1
46940	2.2	184.7	71	178.9
46950	2.4	182.9	73	179.4
46960	3.7	181.1	74	179.1
46970	5.7	179.3	76	179.4
46980	8.5	177.5	78	179.7
46990	10.2	175.7	80	179.9
47000	10.4	173.9	82	179.7
47010	9.6	172.1	83	179.9
47020	7.9	170.3	85	179.7
47030	7.6	168.5	87	179.7
47040	8.0	166.7	89	179.9
47050	9.5	164.9	91	179.9
47060	10.7	163.1	92	179.9
47070	11.8	161.3	94	179.9
47080	12.3	159.5	96	179.9
47090	12.2	157.7	98	179.9
47100	11.4	155.9	100	179.9
47110	11.4	154.1	101	179.9
47120	12.1	152.3	103	179.9
47130	13.7	150.5	105	179.9
47140	14.2	148.7	107	179.9
47150	14.5	146.9	109	179.9
47160	13.6	145.1	110	179.9
47170	12.9	143.3	112	179.9
47180	13.3	141.5	114	179.9
47190	14.1	139.7	116	179.9
47200	15.2	137.9	118	179.9
47210	16.0	136.1	119	179.9
47220	17.0	134.3	121	179.9
47230	17.4	132.5	123	179.9
47240	17.1	130.7	125	179.9
47250	17.0	128.9	127	179.9
47260	16.3	127.1	128	179.9
47270	15.2	125.3	130	179.7
47280	14.6	123.5	132	179.7
47290	13.7	121.7	134	179.9
47300	12.5	119.9	136	179.4
47310	11.9	118.1	137	179.7
47320	11.4	116.3	139	179.4
47330	10.6	114.5	141	179.7
47340	9.8	112.7	143	179.4
47350	8.9	110.9	145	179.4
47360	8.0	109.1	146	179.1
47370	6.9	107.3	148	179.1
47380	6.4	105.5	150	179.4
47390	5.2	103.8	152	179.1
47400	3.5	102.0	153	179.1
47410	2.0	100.2	155	179.1
47420	1.6	98.4	157	179.1
47430	1.5	96.6	159	178.9
47440	1.4	94.8	161	178.9
47450	1.2	93.0	162	178.1
47460	0.9	91.2	164	177.5

47470	-3.3	89.5	166	175.4
47480	-10.2	87.7	168	172.7
47490	-12.5	86.0	169	169.0
47500	-9.9	84.4	171	164.5
47510	-4.9	82.8	173	161.3
47520	-2.4	81.2	174	159.2
47530	-4.1	79.6	176	156.5
47540	0.8	78.3	177	131.7
47550	3.0	77.2	178	103.2
47560	18.4	76.3	179	72.9
47570	29.7	75.6	180	64.9
47580	23.7	75.1	180	55.3
47590	4.3	74.7	181	38.0
47600	-1.9	74.4	181	28.2
47610	-11.8	74.1	181	20.4
47620	-24.7	74.0	181	11.4
47630	-26.4	73.9	182	5.3
47640	-19.0	73.9	182	-1.5
47650	-13.0	74.0	181	-3.9
47660	-13.7	74.0	181	-8.2
47670	-21.0	74.1	181	-10.9
47680	-28.7	74.3	181	-14.6
47690	-31.2	74.5	181	-21.0
47700	-28.9	74.8	181	-28.7
47710	-24.7	75.2	180	-35.6
47720	-22.2	75.6	180	-41.5
47730	-25.6	76.1	179	-47.3
47740	-32.3	76.7	179	-66.2
47750	-36.7	77.4	178	-76.4
47760	-39.2	78.1	177	-71.0
47770	-37.7	79.0	176	-80.6
47780	-32.1	80.0	175	-89.9
47790	-25.4	81.1	174	-108.0
47800	-22.1	82.2	173	-115.0
47810	-23.7	83.4	172	-121.3
47820	-28.3	84.7	171	-127.7
47830	-32.4	86.0	169	-135.7
47840	-33.1	87.4	168	-144.5
47850	-30.8	88.9	167	-153.6
47860	-27.4	90.5	165	-162.1
47870	-26.0	92.2	163	-169.0
47880	-26.8	94.0	161	-175.7
47890	-32.3	95.7	160	-176.5
47900	-38.4	97.5	158	-177.0
47910	-41.4	99.3	156	-178.1
47920	-41.8	101.1	154	-178.6
47930	-40.4	102.8	153	-178.9
47940	-39.9	104.6	151	-179.1
47950	-41.2	106.4	149	-179.4
47960	-43.4	108.2	147	-179.7
47970	-45.2	110.0	145	-179.9
47980	-45.8	111.8	144	-179.9
47990	-45.0	113.6	142	-179.7
48000	-43.4	115.4	140	-179.7

48010	-41.9	117.2	138	-179.7
48020	-41.5	119.0	136	-179.7
48030	-42.8	120.8	135	-179.7
48040	-45.2	122.6	133	-179.9
48050	-47.5	124.4	131	-179.9
48060	-48.3	126.2	129	-180.2
48070	-47.1	128.0	127	-179.9
48080	-44.7	129.8	126	-179.7
48090	-42.7	131.6	124	-179.4
48100	-42.2	133.4	122	-179.4
48110	-43.0	135.2	120	-179.4
48120	-44.6	137.0	118	-179.7
48130	-46.1	138.8	117	-179.9
48140	-46.9	140.6	115	-179.7
48150	-47.1	142.4	113	-179.9
48160	-46.6	144.2	111	-180.2
48170	-45.0	146.0	109	-179.7
48180	-43.4	147.8	108	-179.4
48190	-43.0	149.6	106	-179.4
48200	-43.4	151.4	104	-179.7
48210	-44.2	153.2	102	-179.9
48220	-44.6	155.0	100	-179.9
48230	-43.5	156.8	99	-179.7
48240	-42.0	158.6	97	-179.1
48250	-41.5	160.3	95	-179.4
48260	-41.1	162.1	93	-179.7
48270	-40.5	163.9	92	-179.4
48280	-40.0	165.7	90	-179.7
48290	-39.2	167.5	88	-179.1
48300	-38.9	169.3	86	-179.1
48310	-38.5	171.1	84	-179.7
48320	-37.7	172.9	83	-179.4
48330	-36.9	174.7	81	-179.4
48340	-36.6	176.5	79	-179.7
48350	-36.1	178.3	77	-179.4
48360	-35.5	180.1	75	-179.7
48370	-34.6	181.9	74	-179.7
48380	-33.4	183.7	72	-179.4
48390	-32.7	185.5	70	-179.1
48400	-31.7	187.3	68	-179.1
48410	-30.5	189.1	66	-179.4
48420	-29.3	190.9	65	-179.1
48430	-28.2	192.7	63	-179.4
48440	-27.9	194.4	61	-179.1
48450	-28.6	196.2	59	-179.4
48460	-29.3	198.0	57	-179.9
48470	-28.6	199.8	56	-179.9
48480	-27.7	201.6	54	-179.4
48490	-26.6	203.4	52	-179.7
48500	-25.5	205.2	50	-179.4
48510	-24.0	207.0	48	-179.1
48520	-22.5	208.8	47	-179.1
48530	-20.9	210.6	45	-179.1
48540	-20.2	212.4	43	-179.1

48550	-20.2	214.2	41	-179.4
48560	-20.5	216.0	39	-179.4
48570	-19.8	217.8	38	-179.4
48580	-18.0	219.6	36	-179.4
48590	-16.1	221.4	34	-179.4
48600	-14.5	223.2	32	-179.1
48610	-13.2	224.9	31	-179.1
48620	-14.5	226.7	29	-179.4
48630	-6.2	228.5	27	-178.9
48640	-0.7	230.3	25	-178.3
48650	1.5	232.1	23	-178.3
48660	4.3	233.8	22	-172.7
48670	-3.1	235.6	20	-169.8
48680	-2.6	237.2	18	-169.5
48690	-9.4	238.9	17	-169.5
48700	-19.7	240.7	15	-171.9
48710	-19.9	242.4	13	-175.4
48720	-11.3	244.2	11	-175.1
48730	-1.4	245.9	10	-174.3
48740	-0.9	247.6	8	-173.5
48750	-0.8	249.4	6	-173.0
48760	4.7	251.1	4	-172.2
48770	11.0	252.8	3	-169.3
48780	10.3	254.5	1	-165.0
48790	4.9	256.1	-1	-162.3
48800	0.4	257.7	-2	-160.0
48810	-0.5	259.3	-4	-159.4
48820	0.0	260.8	-5	-166.1
48830	-2.6	262.0	-7	-118.7
48840	-17.9	263.0	-8	-93.1
48850	-38.9	263.8	-8	-66.2
48860	-41.2	264.4	-9	-58.0
48870	-25.6	264.9	-9	-39.9
48880	-0.5	265.3	-10	-35.6
48890	2.7	265.5	-10	-25.0
48900	20.6	265.7	-10	-14.9
48910	28.9	265.8	-10	-8.5
48920	33.2	265.8	-10	1.5
48930	26.3	265.8	-10	6.3
48940	15.7	265.7	-10	14.1
48950	8.8	265.5	-10	18.9
48960	10.7	265.3	-10	21.2
48970	19.3	265.1	-10	24.7
48980	28.7	264.9	-9	30.3
48990	32.8	264.5	-9	38.8
49000	29.6	264.1	-9	48.4
49010	22.1	263.6	-8	51.6
49020	15.9	263.1	-8	51.9
49030	15.7	262.4	-7	62.2
49040	21.4	261.8	-6	73.2
49050	28.3	261.1	-6	79.8
49060	31.5	260.3	-5	88.3
49070	28.5	259.4	-4	97.4
49080	21.6	258.5	-3	96.3

49090	15.2	257.5	-2	102.2
49100	14.1	256.4	-1	106.2
49110	17.9	255.3	0	110.4
49120	23.9	254.2	1	115.2
49130	26.7	253.0	2	121.9
49140	24.4	251.7	4	129.1
49150	18.3	250.4	5	135.5
49160	13.2	249.0	6	140.0
49170	11.0	247.5	8	143.2
49180	13.0	246.1	9	145.8
49190	17.1	244.6	11	149.6
49200	20.5	243.1	12	153.8
49210	19.5	241.5	14	159.4
49220	14.8	239.9	16	164.2
49230	9.2	238.2	17	167.7
49240	6.2	236.5	19	169.8
49250	7.2	234.8	21	170.6
49260	10.8	233.1	22	172.2
49270	14.0	231.3	24	174.6
49280	14.4	229.6	26	177.8
49290	12.1	227.8	28	179.4
49300	7.2	226.0	29	179.1
49310	7.5	224.2	31	179.1
49320	9.2	222.4	33	179.4
49330	11.9	220.6	35	179.7
49340	14.1	218.8	37	179.9
49350	14.0	217.0	38	179.7
49360	11.7	215.2	40	179.7
49370	8.4	213.4	42	179.4
49380	5.2	211.6	44	179.4
49390	3.8	209.8	46	179.1
49400	4.2	208.0	47	179.1
49410	6.0	206.2	49	179.4
49420	8.1	204.4	51	179.7
49430	8.7	202.6	53	179.7
49440	7.6	200.8	55	179.9
49450	5.2	199.0	56	179.7
49460	3.4	197.2	58	179.7
49470	3.9	195.5	60	179.4
49480	5.4	193.7	62	179.7
49490	7.5	191.9	64	179.9
49500	8.8	190.1	65	179.7
49510	8.9	188.3	67	179.9
49520	8.7	186.5	69	179.9
49530	7.7	184.7	71	179.9
49540	7.1	182.9	73	179.9
49550	6.0	181.1	74	179.7
49560	5.8	179.3	76	179.4
49570	7.3	177.5	78	179.9
49580	9.4	175.7	80	179.9
49590	10.2	173.9	82	179.9
49600	9.8	172.1	83	179.9
49610	8.1	170.3	85	179.7
49620	7.5	168.5	87	179.7

49630	7.3	166.7	89	179.7
49640	8.5	164.9	91	179.7
49650	10.2	163.1	92	179.7
49660	11.8	161.3	94	179.9
49670	12.9	159.5	96	180.2
49680	13.2	157.7	98	179.9
49690	12.5	155.9	100	180.2
49700	12.5	154.1	101	179.9
49710	12.7	152.3	103	179.9
49720	14.1	150.5	105	179.9
49730	14.8	148.7	107	179.9
49740	15.2	146.9	109	179.9
49750	14.9	145.1	110	179.7
49760	14.9	143.3	112	180.2
49770	15.3	141.5	114	179.9
49780	15.6	139.7	116	179.9
49790	15.7	137.9	118	179.9
49800	15.7	136.1	119	179.9
49810	15.7	134.3	121	179.9
49820	15.5	132.5	123	179.9
49830	14.2	130.7	125	179.7
49840	13.3	128.9	127	179.7
49850	12.1	127.1	128	179.4
49860	11.0	125.3	130	179.7
49870	11.0	123.5	132	179.7
49880	10.8	121.7	134	179.4
49890	10.6	119.9	136	179.4
49900	10.6	118.1	137	179.7
49910	10.3	116.3	139	179.7
49920	9.9	114.5	141	179.7
49930	9.2	112.7	143	179.4
49940	8.0	110.9	145	179.7
49950	6.6	109.1	146	179.4
49960	5.6	107.4	148	179.4
49970	5.2	105.6	150	179.4
49980	4.2	103.8	152	179.4
49990	3.1	102.0	153	179.4
50000	2.3	100.2	155	179.1
50010	1.9	98.4	157	179.1
50020	1.8	96.6	159	179.1
50030	1.6	94.8	161	178.9
50040	1.4	93.0	162	178.3
50050	1.4	91.2	164	178.1
50060	1.2	89.5	166	177.5
50070	0.0	87.7	168	175.7
50080	-6.4	86.0	169	173.8
50090	-11.4	84.2	171	170.9
50100	-10.8	82.6	173	166.1
50110	-6.1	80.9	175	162.6
50120	-3.3	79.4	176	142.1
50130	2.0	78.0	177	141.3
50140	15.7	77.0	178	100.3
50150	35.1	76.1	179	86.5
50160	34.8	75.5	180	61.7

50170	18.6	75.0	180	47.1
50180	-0.8	74.6	181	37.8
50190	-10.4	74.3	181	26.0
50200	-23.3	74.1	181	18.6
50210	-23.7	74.0	181	10.3
50220	-20.9	73.9	182	5.0
50230	-11.9	73.9	182	-0.5
50240	-8.8	73.9	182	-1.3
50250	-11.0	73.9	182	-5.5
50260	-18.6	74.0	181	-9.3
50270	-23.1	74.1	181	-15.7
50280	-22.9	74.3	181	-22.8
50290	-19.3	74.6	181	-29.2
50300	-17.2	74.9	181	-34.8
50310	-20.7	75.3	180	-39.9
50320	-28.3	75.6	180	-42.0
50330	-34.3	76.1	179	-44.7
50340	-37.4	76.7	179	-65.2
50350	-37.4	77.4	178	-76.4
50360	-34.7	78.2	177	-87.5
50370	-29.8	79.0	176	-97.7
50380	-25.5	80.0	175	-107.0
50390	-24.7	81.0	174	-103.8
50400	-27.0	82.1	173	-111.2
50410	-29.8	83.3	172	-119.0
50420	-31.3	84.5	171	-127.2
50430	-30.6	85.9	170	-135.7
50440	-29.7	87.3	168	-144.2
50450	-29.6	88.8	167	-152.5
50460	-30.6	90.4	165	-160.7
50470	-31.1	92.0	163	-168.7
50480	-30.9	93.8	162	-175.9
50490	-33.1	95.5	160	-176.7
50500	-38.4	97.3	158	-177.0
50510	-42.6	99.1	156	-177.8
50520	-44.3	100.9	155	-178.9
50530	-44.2	102.7	153	-179.1
50540	-43.4	104.5	151	-179.1
50550	-44.1	106.3	149	-179.4
50560	-45.7	108.1	147	-179.7
50570	-46.5	109.8	146	-179.7
50580	-46.0	111.6	144	-179.7
50590	-44.7	113.4	142	-179.4
50600	-42.7	115.2	140	-179.1
50610	-41.5	117.0	138	-179.4
50620	-41.6	118.8	137	-179.4
50630	-42.7	120.6	135	-179.7
50640	-44.2	122.4	133	-179.7
50650	-45.7	124.2	131	-179.7
50660	-46.0	126.0	129	-180.2
50670	-44.9	127.8	128	-179.7
50680	-43.3	129.6	126	-179.7
50690	-42.6	131.4	124	-179.4
50700	-43.5	133.2	122	-179.7

50710	-45.3	135.0	120	-179.7
50720	-46.8	136.8	119	-179.9
50730	-47.5	138.6	117	-179.9
50740	-47.2	140.4	115	-179.7
50750	-46.0	142.2	113	-180.2
50760	-45.4	144.0	111	-179.9
50770	-44.6	145.8	110	-179.7
50780	-44.1	147.6	108	-179.7
50790	-45.2	149.4	106	-179.7
50800	-46.5	151.2	104	-179.7
50810	-48.0	153.0	102	-179.9
50820	-47.7	154.8	101	-180.2
50830	-46.1	156.6	99	-179.4
50840	-44.6	158.4	97	-179.4
50850	-44.1	160.2	95	-179.4
50860	-44.7	162.0	93	-179.7
50870	-45.3	163.8	92	-179.9
50880	-45.6	165.6	90	-179.7
50890	-45.2	167.3	88	-179.4
50900	-44.2	169.1	86	-179.1
50910	-43.3	170.9	85	-179.4
50920	-42.0	172.7	83	-179.7
50930	-41.1	174.5	81	-179.4
50940	-40.5	176.3	79	-179.7
50950	-40.5	178.1	77	-179.7
50960	-40.4	179.9	76	-179.4
50970	-39.9	181.7	74	-179.7
50980	-38.6	183.5	72	-179.4
50990	-37.2	185.3	70	-179.4
51000	-35.4	187.1	68	-179.1
51010	-33.2	188.9	67	-179.7
51020	-31.5	190.7	65	-179.1
51030	-30.6	192.5	63	-179.4
51040	-30.5	194.3	61	-179.1
51050	-31.1	196.1	59	-179.4
51060	-31.3	197.9	58	-179.9
51070	-30.0	199.7	56	-179.7
51080	-27.5	201.4	54	-179.1
51090	-25.5	203.2	52	-179.1
51100	-23.7	205.0	50	-179.1
51110	-22.2	206.8	49	-179.1
51120	-21.0	208.6	47	-179.4
51130	-20.1	210.4	45	-179.4
51140	-19.4	212.2	43	-178.9
51150	-19.4	214.0	41	-179.7
51160	-19.3	215.8	40	-179.7
51170	-18.3	217.6	38	-179.4
51180	-16.4	219.4	36	-179.4
51190	-14.1	221.2	34	-179.1
51200	-12.2	223.0	32	-178.9
51210	-11.0	224.8	31	-179.1
51220	-9.6	226.5	29	-179.4
51230	-8.4	228.3	27	-179.1
51240	-7.2	230.1	25	-179.4

51250	-6.5	231.9	24	-179.4
51260	-6.5	233.7	22	-179.4
51270	-6.2	235.5	20	-179.7
51280	-5.3	237.3	18	-179.7
51290	-3.5	239.1	16	-179.1
51300	-1.6	240.9	15	-179.1
51310	-1.4	242.7	13	-178.9
51320	-1.5	244.5	11	-178.3
51330	-1.4	246.3	9	-178.3
51340	3.0	248.0	7	-177.0
51350	6.5	249.7	6	-170.1
51360	5.6	251.4	4	-167.7
51370	3.9	253.1	2	-165.3
51380	3.3	254.7	1	-163.1
51390	5.0	256.3	-1	-161.3
51400	8.9	257.9	-2	-158.6
51410	13.7	259.5	-4	-154.6
51420	12.5	260.9	-5	-153.6
51430	-1.4	262.1	-7	-110.7
51440	-2.2	263.0	-8	-96.6
51450	-12.9	263.7	-8	-70.2
51460	-21.2	264.3	-9	-56.1
51470	-17.5	264.8	-9	-39.1
51480	-0.8	265.2	-10	-36.2
51490	0.9	265.4	-10	-25.2
51500	15.3	265.6	-10	-17.0
51510	33.0	265.8	-10	-11.7
51520	36.3	265.8	-10	-0.2
51530	28.9	265.8	-10	4.2
51540	18.0	265.7	-10	12.7
51550	10.8	265.5	-10	18.1
51560	11.1	265.3	-10	18.9
51570	17.5	265.1	-10	19.9
51580	25.1	264.9	-9	23.9
51590	28.9	264.6	-9	30.3

ISOK_EXERC_FLEX_EXT_180_R_SIDE
01/08
Set #5

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	20.6	227.8	28	48.7
10	37.4	227.2	28	53.7
20	37.0	226.6	29	62.8
30	21.3	225.9	30	72.1
40	0.8	225.2	30	77.2
50	0.4	224.4	31	78.2
60	1.2	223.6	32	77.7
70	2.0	222.8	33	77.7
80	9.6	222.1	33	78.8
90	21.4	221.2	34	82.2
100	21.7	220.4	35	88.3
110	12.9	219.5	36	93.4
120	2.2	218.5	37	96.3
130	0.7	217.5	38	96.6
140	1.8	216.6	39	96.3
150	7.5	215.6	40	96.9
160	14.4	214.6	41	99.0
170	16.4	213.6	42	102.7
180	13.2	212.5	43	107.0
190	7.5	211.4	44	110.2
200	3.7	210.3	45	111.8
210	4.9	209.2	46	112.6
220	8.1	208.1	47	113.6
230	11.0	206.9	49	115.5
240	11.9	205.7	50	118.2
250	10.3	204.5	51	120.8
260	7.9	203.3	52	123.5
270	6.2	202.1	53	125.3
280	6.4	200.8	55	126.4
290	7.5	199.5	56	127.7
300	8.5	198.2	57	129.6
310	9.2	196.9	59	131.7
320	9.6	195.6	60	133.6
330	9.1	194.2	61	135.7
340	8.7	192.9	63	137.9
350	9.1	191.5	64	139.7
360	9.4	190.1	65	141.8
370	10.2	188.6	67	144.0
380	10.7	187.2	68	146.1
390	11.5	185.7	70	148.8
400	12.2	184.2	71	151.2
410	12.2	182.7	73	154.4
420	11.4	181.1	74	156.8
430	10.3	179.5	76	159.7
440	10.6	177.9	78	162.1
450	11.0	176.3	79	164.2
460	11.4	174.6	81	166.9
470	11.5	172.9	83	169.5
480	10.8	171.2	84	171.9

490	11.3	169.4	86	174.3
500	11.9	167.7	88	176.7
510	12.9	165.9	90	179.1
520	14.6	164.1	91	179.4
530	16.7	162.3	93	179.4
540	18.2	160.5	95	179.9
550	18.2	158.7	97	179.7
560	17.0	156.9	99	179.9
570	16.4	155.1	100	179.7
580	17.0	153.3	102	179.9
590	18.8	151.5	104	179.7
600	20.3	149.7	106	179.9
610	21.2	147.9	108	180.2
620	20.5	146.1	109	180.2
630	19.1	144.3	111	179.9
640	18.2	142.5	113	179.9
650	18.0	140.7	115	179.7
660	19.0	138.9	117	179.9
670	19.9	137.1	118	179.9
680	20.3	135.3	120	179.9
690	20.6	133.5	122	179.9
700	20.1	131.7	124	179.7
710	19.1	129.9	126	179.9
720	18.6	128.1	127	179.7
730	18.0	126.3	129	179.7
740	18.6	124.5	131	179.9
750	19.0	122.7	133	179.7
760	18.3	120.9	135	179.7
770	16.8	119.1	136	179.7
780	14.9	117.4	138	179.7
790	13.6	115.6	140	179.4
800	13.0	113.8	142	179.4
810	12.6	112.0	143	179.4
820	12.2	110.2	145	179.7
830	11.8	108.4	147	179.4
840	11.1	106.6	149	179.4
850	9.9	104.8	151	179.4
860	8.1	103.0	152	179.4
870	6.5	101.2	154	179.1
880	5.3	99.4	156	179.1
890	4.6	97.6	158	179.4
900	3.9	95.8	160	179.4
910	3.0	94.0	161	179.4
920	1.9	92.2	163	179.4
930	1.6	90.4	165	178.9
940	1.5	88.7	167	178.9
950	1.4	86.9	169	178.1
960	1.2	85.1	170	176.5
970	0.3	83.3	172	175.7
980	-4.9	81.6	174	174.6
990	-9.6	79.9	176	169.0
1000	-2.0	78.4	177	147.7
1010	4.6	77.2	178	101.6
1020	29.3	76.2	179	88.1

1030	42.0	75.5	180	68.9
1040	33.9	74.9	181	46.8
1050	8.3	74.5	181	37.8
1060	-1.9	74.2	181	26.8
1070	-10.3	74.0	181	20.7
1080	-20.9	73.9	182	12.7
1090	-19.3	73.8	182	6.6
1100	-10.6	73.7	182	3.7
1110	-7.5	73.7	182	1.5
1120	-9.9	73.7	182	0.0
1130	-18.2	73.7	182	-0.7
1140	-23.6	73.8	182	-5.0
1150	-23.2	73.9	182	-13.0
1160	-19.7	74.0	181	-20.2
1170	-15.7	74.3	181	-26.3
1180	-15.5	74.5	181	-31.4
1190	-21.3	74.9	181	-32.7
1200	-30.5	75.2	180	-35.1
1210	-36.5	75.7	180	-52.4
1220	-35.4	76.2	179	-63.0
1230	-28.2	76.9	179	-74.0
1240	-19.8	77.6	178	-81.9
1250	-16.5	78.4	177	-87.5
1260	-18.7	79.2	176	-92.6
1270	-23.3	80.1	175	-98.5
1280	-25.5	81.1	174	-95.5
1290	-23.1	82.1	173	-102.7
1300	-19.0	83.2	172	-108.8
1310	-17.4	84.3	171	-113.6
1320	-19.1	85.5	170	-118.7
1330	-24.3	86.7	169	-124.0
1340	-27.9	88.0	167	-130.9
1350	-26.8	89.3	166	-138.4
1360	-21.6	90.8	165	-145.6
1370	-17.6	92.3	163	-150.9
1380	-17.6	93.8	162	-155.7
1390	-23.2	95.4	160	-160.2
1400	-30.0	97.1	158	-166.6
1410	-32.5	98.8	157	-174.6
1420	-32.1	100.6	155	-176.5
1430	-33.0	102.3	153	-176.7
1440	-34.7	104.1	151	-176.7
1450	-37.6	105.9	150	-176.7
1460	-39.6	107.6	148	-177.3
1470	-39.3	109.4	146	-178.3
1480	-38.0	111.2	144	-178.6
1490	-37.4	113.0	142	-178.6
1500	-37.6	114.8	141	-178.9
1510	-38.5	116.6	139	-179.4
1520	-38.8	118.4	137	-179.4
1530	-38.1	120.2	135	-179.7
1540	-37.2	121.9	134	-179.4
1550	-36.9	123.7	132	-179.4
1560	-37.7	125.5	130	-179.7

1570	-39.1	127.3	128	-179.7
1580	-40.0	129.1	126	-179.7
1590	-40.7	130.9	125	-179.9
1600	-41.8	132.7	123	-179.7
1610	-42.6	134.5	121	-179.9
1620	-42.4	136.3	119	-179.9
1630	-41.6	138.1	117	-179.7
1640	-40.7	139.9	116	-179.7
1650	-40.7	141.7	114	-179.7
1660	-41.5	143.5	112	-179.9
1670	-42.2	145.3	110	-179.9
1680	-41.8	147.1	108	-179.9
1690	-41.5	148.9	107	-179.7
1700	-41.5	150.7	105	-179.9
1710	-41.8	152.5	103	-179.9
1720	-41.6	154.3	101	-179.9
1730	-41.2	156.1	99	-179.7
1740	-40.1	157.9	98	-179.7
1750	-39.2	159.7	96	-179.7
1760	-38.9	161.5	94	-179.7
1770	-38.0	163.3	92	-179.7
1780	-36.6	165.1	90	-179.9
1790	-35.5	166.9	89	-178.9
1800	-35.0	168.7	87	-179.4
1810	-34.7	170.5	85	-179.4
1820	-34.3	172.3	83	-179.7
1830	-33.9	174.1	81	-179.7
1840	-33.2	175.9	80	-179.7
1850	-32.8	177.7	78	-179.7
1860	-32.7	179.5	76	-179.7
1870	-32.4	181.2	74	-179.7
1880	-31.7	183.0	72	-179.4
1890	-30.9	184.8	71	-179.4
1900	-30.0	186.6	69	-179.4
1910	-28.7	188.4	67	-179.4
1920	-26.7	190.2	65	-179.1
1930	-25.4	192.0	63	-179.4
1940	-24.3	193.8	62	-178.9
1950	-23.9	195.6	60	-179.4
1960	-24.7	197.4	58	-179.4
1970	-24.7	199.2	56	-179.7
1980	-23.5	201.0	54	-179.4
1990	-21.7	202.8	53	-179.4
2000	-19.7	204.6	51	-179.1
2010	-17.5	206.4	49	-179.4
2020	-14.8	208.2	47	-179.4
2030	-12.7	209.9	46	-179.1
2040	-10.8	211.7	44	-179.1
2050	-10.6	213.5	42	-179.4
2060	-11.0	215.3	40	-179.1
2070	-10.8	217.1	38	-179.4
2080	-9.6	218.9	37	-179.4
2090	-7.5	220.7	35	-179.1
2100	-5.0	222.5	33	-179.1

2110	-3.5	224.3	31	-179.1
2120	-2.4	226.1	29	-179.1
2130	-1.9	227.9	28	-178.9
2140	-1.9	229.7	26	-178.9
2150	-1.8	231.5	24	-178.9
2160	-1.8	233.2	22	-178.3
2170	-1.6	235.0	20	-178.1
2180	-1.6	236.8	19	-177.5
2190	-1.6	238.5	17	-172.2
2200	-1.6	240.3	15	-171.4
2210	-1.1	242.0	13	-171.1
2220	5.3	243.7	12	-170.1
2230	13.8	245.3	10	-166.9
2240	18.7	247.0	8	-161.3
2250	18.8	248.5	7	-155.2
2260	14.0	250.1	5	-149.3
2270	9.4	251.5	4	-145.0
2280	8.8	252.9	3	-141.8
2290	11.0	254.3	1	-138.1
2300	13.8	255.7	0	-133.9
2310	17.4	257.0	-2	-128.3
2320	18.7	258.2	-3	-122.4
2330	19.0	259.4	-4	-116.0
2340	17.5	260.4	-5	-94.2
2350	10.7	261.4	-6	-96.1
2360	6.2	262.1	-7	-74.8
2370	6.6	262.8	-7	-56.9
2380	12.6	263.4	-8	-58.0
2390	20.6	263.8	-8	-43.1
2400	28.6	264.2	-9	-30.8
2410	32.3	264.5	-9	-27.9
2420	30.5	264.6	-9	-16.2
2430	25.8	264.7	-9	-9.5
2440	22.2	264.8	-9	-1.5
2450	23.5	264.8	-9	0.7
2460	28.5	264.7	-9	6.1
2470	31.5	264.6	-9	12.7
2480	31.3	264.4	-9	25.5
2490	28.5	264.1	-9	35.1
2500	25.8	263.7	-8	43.9
2510	25.0	263.3	-8	46.8
2520	27.0	262.7	-7	48.4
2530	30.4	262.1	-7	55.3
2540	32.5	261.5	-6	63.0
2550	31.9	260.7	-5	70.8
2560	29.2	259.9	-4	78.8
2570	26.0	258.9	-3	95.3
2580	24.3	257.9	-2	102.4
2590	24.7	256.8	-1	109.1
2600	25.9	255.7	0	116.3
2610	26.6	254.4	1	123.5
2620	25.5	253.1	2	130.4
2630	23.5	251.8	4	137.9
2640	21.8	250.4	5	144.0

2650	20.5	248.9	7	149.6
2660	19.7	247.3	8	154.9
2670	19.8	245.8	10	160.0
2680	19.8	244.1	11	165.3
2690	18.6	242.4	13	170.3
2700	17.1	240.7	15	174.9
2710	15.1	238.9	17	179.1
2720	15.6	237.1	18	179.4
2730	18.3	235.3	20	179.7
2740	21.3	233.5	22	179.9
2750	22.4	231.7	24	179.9
2760	21.0	229.9	26	179.9
2770	17.4	228.1	27	179.7
2780	14.5	226.3	29	179.7
2790	12.9	224.5	31	179.4
2800	12.3	222.7	33	179.4
2810	12.6	220.9	35	179.7
2820	13.0	219.1	36	179.4
2830	13.7	217.3	38	179.7
2840	15.7	215.5	40	179.7
2850	18.8	213.7	42	179.7
2860	19.0	211.9	44	180.2
2870	14.8	210.2	45	179.9
2880	7.9	208.4	47	179.1
2890	3.8	206.6	49	179.1
2900	5.2	204.8	51	179.4
2910	10.7	203.0	52	179.7
2920	17.2	201.2	54	180.2
2930	19.0	199.4	56	180.2
2940	15.9	197.6	58	179.9
2950	11.0	195.8	60	179.7
2960	7.3	194.0	61	179.4
2970	6.8	192.2	63	179.1
2980	9.5	190.4	65	179.4
2990	13.7	188.6	67	179.7
3000	17.2	186.8	69	180.2
3010	17.8	185.0	70	180.2
3020	16.5	183.2	72	179.9
3030	13.8	181.4	74	179.7
3040	11.3	179.6	76	179.4
3050	12.1	177.8	78	179.4
3060	14.6	176.0	79	179.7
3070	17.5	174.2	81	179.7
3080	18.6	172.4	83	180.2
3090	17.8	170.6	85	179.9
3100	16.7	168.8	87	179.7
3110	15.3	167.0	88	179.4
3120	15.1	165.2	90	179.7
3130	15.7	163.4	92	179.7
3140	17.0	161.6	94	179.7
3150	18.6	159.8	96	179.9
3160	19.1	158.0	97	179.9
3170	18.6	156.2	99	179.7
3180	18.0	154.4	101	179.9

3190	17.9	152.6	103	179.9
3200	18.7	150.8	105	179.7
3210	19.0	149.0	106	179.9
3220	19.5	147.2	108	180.2
3230	19.8	145.4	110	179.9
3240	19.8	143.6	112	179.9
3250	20.3	141.8	114	179.7
3260	20.2	140.0	115	179.9
3270	19.9	138.2	117	179.9
3280	20.2	136.4	119	179.9
3290	20.9	134.6	121	179.7
3300	21.3	132.8	123	179.9
3310	20.6	131.0	124	179.7
3320	19.3	129.2	126	179.9
3330	17.4	127.4	128	179.7
3340	15.5	125.6	130	179.4
3350	14.8	123.8	132	179.4
3360	14.1	122.1	133	179.4
3370	13.2	120.3	135	179.4
3380	12.2	118.5	137	179.7
3390	11.4	116.7	139	179.4
3400	10.6	114.9	141	179.4
3410	9.4	113.1	142	179.4
3420	7.7	111.3	144	179.1
3430	6.2	109.5	146	179.1
3440	5.0	107.7	148	179.1
3450	4.1	105.9	150	179.4
3460	2.7	104.1	151	179.4
3470	1.6	102.3	153	179.4
3480	1.5	100.5	155	178.9
3490	1.4	98.7	157	178.6
3500	1.4	97.0	158	178.1
3510	1.1	95.2	160	177.8
3520	-0.9	93.4	162	176.2
3530	-7.7	91.7	164	173.5
3540	-10.8	90.0	165	169.8
3550	-9.6	88.3	167	165.8
3560	-5.4	86.7	169	162.6
3570	-3.1	85.1	170	160.2
3580	-4.2	83.5	172	158.4
3590	-6.9	81.9	174	156.2
3600	-9.5	80.4	175	153.3
3610	-6.0	79.0	176	126.4
3620	2.2	77.7	178	122.4
3630	19.3	76.8	179	89.7
3640	38.9	76.1	179	64.6
3650	37.7	75.4	180	57.2
3660	20.3	75.0	180	44.1
3670	-0.8	74.6	181	29.5
3680	-11.0	74.3	181	25.2
3690	-25.0	74.1	181	19.7
3700	-22.9	74.0	181	11.4
3710	-19.5	73.9	182	4.5
3720	-12.7	73.9	182	-0.2

3730	-12.6	73.9	182	-1.0
3740	-15.2	74.0	181	-5.8
3750	-21.4	74.1	181	-10.3
3760	-25.0	74.2	181	-17.3
3770	-25.9	74.4	181	-25.0
3780	-24.0	74.7	181	-32.7
3790	-23.6	75.0	180	-39.6
3800	-27.9	75.5	180	-47.1
3810	-35.0	75.9	180	-50.3
3820	-41.6	76.5	179	-54.0
3830	-43.5	77.2	178	-79.0
3840	-40.0	78.0	177	-91.8
3850	-33.6	78.9	177	-103.5
3860	-28.9	80.0	175	-113.6
3870	-28.6	81.1	174	-111.2
3880	-30.9	82.2	173	-119.2
3890	-33.4	83.5	172	-128.0
3900	-33.2	84.8	171	-137.3
3910	-30.9	86.3	169	-146.4
3920	-30.0	87.8	168	-154.6
3930	-31.1	89.4	166	-162.9
3940	-33.0	91.1	164	-171.7
3950	-36.1	92.9	163	-176.7
3960	-40.1	94.6	161	-177.3
3970	-44.3	96.4	159	-177.8
3980	-46.5	98.2	157	-178.6
3990	-45.7	100.0	155	-178.9
4000	-44.5	101.8	154	-179.4
4010	-44.6	103.6	152	-179.1
4020	-47.2	105.4	150	-179.7
4030	-51.3	107.2	148	-179.9
4040	-53.0	109.0	146	-180.2
4050	-51.9	110.8	145	-179.9
4060	-49.4	112.6	143	-179.7
4070	-46.5	114.4	141	-179.4
4080	-45.4	116.2	139	-179.1
4090	-46.0	118.0	137	-179.4
4100	-47.6	119.8	136	-179.7
4110	-49.2	121.5	134	-179.4
4120	-50.6	123.3	132	-179.9
4130	-51.1	125.1	130	-179.9
4140	-50.3	126.9	129	-179.7
4150	-48.4	128.7	127	-179.9
4160	-46.9	130.5	125	-179.4
4170	-46.9	132.3	123	-179.4
4180	-48.5	134.1	121	-179.7
4190	-49.8	135.9	120	-179.9
4200	-50.4	137.7	118	-179.9
4210	-50.0	139.5	116	-179.7
4220	-49.2	141.3	114	-179.9
4230	-48.7	143.1	112	-179.7
4240	-48.5	144.9	111	-179.7
4250	-47.7	146.7	109	-179.9
4260	-47.7	148.5	107	-179.4

4270	-48.4	150.3	105	-179.4
4280	-49.2	152.1	103	-179.9
4290	-49.1	153.9	102	-179.7
4300	-48.0	155.7	100	-179.9
4310	-46.2	157.5	98	-179.7
4320	-45.6	159.3	96	-179.1
4330	-46.4	161.1	94	-179.4
4340	-47.3	162.9	93	-179.7
4350	-47.6	164.7	91	-179.7
4360	-47.1	166.5	89	-179.7
4370	-46.2	168.3	87	-179.4
4380	-45.4	170.1	85	-178.9
4390	-44.2	171.9	84	-179.7
4400	-43.0	173.7	82	-179.4
4410	-42.0	175.5	80	-179.4
4420	-41.6	177.2	78	-179.7
4430	-42.2	179.0	76	-179.7
4440	-42.0	180.8	75	-179.7
4450	-41.1	182.6	73	-179.7
4460	-39.7	184.4	71	-179.4
4470	-38.2	186.2	69	-179.4
4480	-36.5	188.0	67	-179.4
4490	-34.4	189.8	66	-179.4
4500	-33.1	191.6	64	-179.4
4510	-32.1	193.4	62	-179.1
4520	-31.9	195.2	60	-179.7
4530	-32.4	197.0	58	-179.7
4540	-32.7	198.8	57	-179.4
4550	-31.6	200.6	55	-179.7
4560	-29.7	202.4	53	-179.4
4570	-27.9	204.2	51	-179.4
4580	-26.2	206.0	49	-179.1
4590	-24.0	207.8	48	-179.4
4600	-22.1	209.5	46	-179.1
4610	-19.8	211.3	44	-179.1
4620	-19.3	213.1	42	-179.1
4630	-19.5	214.9	41	-179.1
4640	-19.4	216.7	39	-179.7
4650	-18.6	218.5	37	-179.4
4660	-17.0	220.3	35	-178.9
4670	-14.6	222.1	33	-179.4
4680	-12.7	223.9	32	-179.4
4690	-10.7	225.7	30	-179.1
4700	-9.9	227.5	28	-179.4
4710	0.0	229.3	26	-178.9
4720	1.5	231.1	24	-178.3
4730	9.9	232.8	23	-175.1
4740	3.4	234.5	21	-168.2
4750	-3.3	236.2	19	-166.6
4760	-2.3	237.8	18	-166.9
4770	-2.4	239.5	16	-166.3
4780	-7.6	241.2	14	-166.6
4790	-11.0	242.9	13	-168.2
4800	-6.4	244.5	11	-169.8

4810	-1.1	246.3	9	-170.6
4820	-0.9	248.0	7	-170.3
4830	6.1	249.7	6	-169.3
4840	15.3	251.3	4	-165.5
4850	21.3	252.9	3	-160.0
4860	19.1	254.5	1	-152.8
4870	12.5	256.0	-1	-147.4
4880	9.4	257.4	-2	-143.2
4890	11.8	258.8	-3	-139.7
4900	14.0	260.1	-5	-121.1
4910	5.6	261.3	-6	-100.0
4920	-2.0	262.3	-7	-91.8
4930	-6.2	263.0	-8	-67.0
4940	-19.7	263.7	-8	-61.7
4950	-19.7	264.3	-9	-55.3
4960	-8.7	264.7	-9	-40.1
4970	0.7	265.0	-10	-28.2
4980	12.6	265.3	-10	-27.1
4990	36.3	265.5	-10	-18.6
5000	42.7	265.5	-10	-5.5
5010	38.5	265.5	-10	3.1
5020	29.0	265.4	-10	9.8
5030	17.9	265.3	-10	17.3
5040	11.9	265.0	-10	22.0
5050	14.5	264.8	-9	25.5
5060	23.6	264.4	-9	29.8
5070	33.8	264.1	-9	36.2
5080	38.9	263.6	-8	44.7
5090	36.2	263.0	-8	54.3
5100	29.6	262.3	-7	70.0
5110	25.4	261.5	-6	85.4
5120	25.5	260.7	-5	93.4
5130	29.2	259.8	-4	100.6
5140	32.8	258.8	-3	100.0
5150	32.8	257.8	-2	109.1
5160	28.6	256.6	-1	117.9
5170	23.2	255.4	0	126.1
5180	19.4	254.1	1	132.0
5190	18.8	252.7	3	137.3
5200	22.5	251.3	4	142.6
5210	25.9	249.8	6	148.8
5220	26.0	248.3	7	155.4
5230	22.1	246.7	9	162.3
5240	16.8	245.0	10	167.9
5250	12.2	243.3	12	172.2
5260	12.6	241.5	14	175.1
5270	15.9	239.8	16	178.1
5280	20.3	238.0	17	179.9
5290	24.0	236.2	19	179.9
5300	25.2	234.4	21	180.2
5310	23.2	232.6	23	180.2
5320	19.1	230.8	25	179.7
5330	15.5	229.0	26	179.4
5340	13.8	227.2	28	179.4

5350	14.6	225.4	30	179.7
5360	16.1	223.6	32	179.7
5370	16.4	221.8	34	179.7
5380	15.3	220.0	35	179.9
5390	14.6	218.2	37	179.7
5400	15.1	216.4	39	179.4
5410	17.2	214.6	41	179.9
5420	18.0	212.8	43	179.9
5430	15.2	211.0	44	179.9
5440	8.1	209.2	46	179.1
5450	2.6	207.4	48	179.1
5460	1.8	205.6	50	179.1
5470	4.6	203.8	52	178.9
5480	11.4	202.0	53	179.7
5490	16.1	200.2	55	180.2
5500	15.7	198.4	57	180.2
5510	12.1	196.6	59	179.9
5520	7.6	194.8	61	179.4
5530	5.6	193.0	62	179.4
5540	7.3	191.3	64	179.4
5550	11.3	189.5	66	179.9
5560	15.2	187.7	68	180.2
5570	16.5	185.9	70	180.2
5580	15.3	184.1	71	179.9
5590	12.9	182.3	73	179.7
5600	10.6	180.5	75	179.4
5610	10.6	178.7	77	179.7
5620	13.0	176.9	79	179.7
5630	16.1	175.1	80	179.7
5640	18.0	173.3	82	180.2
5650	17.6	171.5	84	179.9
5660	15.9	169.7	86	179.9
5670	14.1	167.9	88	179.4
5680	13.2	166.1	89	179.7
5690	14.0	164.3	91	179.7
5700	15.5	162.5	93	179.9
5710	17.8	160.7	95	179.9
5720	19.0	158.9	97	180.2
5730	18.4	157.1	98	179.9
5740	17.9	155.3	100	179.9
5750	17.5	153.5	102	179.7
5760	18.2	151.7	104	179.9
5770	19.4	149.9	106	179.9
5780	19.8	148.1	107	179.7
5790	19.4	146.3	109	179.9
5800	18.6	144.5	111	179.9
5810	18.4	142.7	113	179.9
5820	18.0	140.9	115	179.7
5830	17.9	139.1	116	179.7
5840	18.2	137.3	118	179.7
5850	18.6	135.5	120	179.9
5860	19.0	133.7	122	179.7
5870	18.7	131.9	124	179.7
5880	17.8	130.1	125	179.7

5890	16.8	128.3	127	179.7
5900	15.7	126.5	129	179.7
5910	15.1	124.7	131	179.7
5920	15.1	122.9	133	179.4
5930	14.5	121.1	134	179.4
5940	13.6	119.3	136	179.4
5950	12.2	117.5	138	179.4
5960	11.0	115.7	140	179.1
5970	9.8	113.9	142	179.4
5980	8.1	112.2	143	179.4
5990	7.3	110.4	145	179.1
6000	6.4	108.6	147	179.1
6010	5.8	106.8	149	179.1
6020	5.3	105.0	150	179.7
6030	4.5	103.2	152	179.4
6040	3.1	101.4	154	179.1
6050	1.8	99.6	156	179.1
6060	1.5	97.8	158	179.1
6070	1.4	96.0	159	178.6
6080	1.2	94.2	161	178.3
6090	0.9	92.5	163	177.8
6100	-3.4	90.7	165	175.9
6110	-10.3	88.9	167	173.0
6120	-13.7	87.3	168	168.5
6130	-11.9	85.6	170	163.9
6140	-7.9	84.0	171	160.2
6150	-5.6	82.4	173	157.3
6160	-6.0	80.9	175	154.6
6170	-9.1	79.4	176	136.5
6180	-2.2	78.1	177	109.4
6190	2.2	77.1	178	97.1
6200	14.6	76.3	179	69.2
6210	27.1	75.6	180	62.0
6220	24.1	75.1	180	43.9
6230	6.0	74.7	181	37.0
6240	-1.9	74.4	181	27.9
6250	-15.3	74.2	181	22.3
6260	-27.1	74.0	181	13.0
6270	-34.7	73.9	182	4.2
6280	-31.3	74.0	181	-1.3
6290	-26.0	74.0	181	-7.4
6300	-20.3	74.1	181	-12.7
6310	-22.2	74.3	181	-17.5
6320	-28.2	74.6	181	-22.6
6330	-33.8	74.9	181	-29.2
6340	-35.3	75.2	180	-37.2
6350	-33.6	75.7	180	-46.0
6360	-31.1	76.3	179	-54.5
6370	-31.7	77.0	178	-62.5
6380	-37.0	77.7	178	-70.5
6390	-42.3	78.6	177	-81.1
6400	-44.7	79.6	176	-90.5
6410	-41.0	80.7	175	-112.8
6420	-32.3	81.9	174	-123.7

6430	-24.1	83.2	172	-132.8
6440	-21.6	84.6	171	-138.9
6450	-25.6	86.1	169	-145.0
6460	-31.9	87.6	168	-152.2
6470	-36.1	89.2	166	-161.0
6480	-34.7	90.8	165	-171.1
6490	-31.5	92.6	163	-176.5
6500	-33.4	94.4	161	-176.7
6510	-40.4	96.1	159	-177.0
6520	-47.6	97.9	158	-178.1
6530	-49.6	99.7	156	-179.4
6540	-47.7	101.5	154	-179.1
6550	-43.3	103.3	152	-178.9
6560	-41.4	105.1	150	-179.1
6570	-43.7	106.9	149	-179.4
6580	-48.3	108.7	147	-179.9
6590	-52.2	110.5	145	-180.2
6600	-53.6	112.3	143	-180.2
6610	-52.3	114.1	141	-179.7
6620	-49.4	115.9	140	-179.7
6630	-46.0	117.7	138	-179.7
6640	-44.2	119.5	136	-179.7
6650	-44.6	121.3	134	-179.4
6660	-47.2	123.1	132	-179.7
6670	-50.4	124.9	131	-179.9
6680	-51.9	126.7	129	-179.9
6690	-51.4	128.5	127	-179.9
6700	-49.8	130.3	125	-179.7
6710	-48.7	132.1	123	-179.7
6720	-49.2	133.8	122	-179.9
6730	-49.9	135.6	120	-179.9
6740	-50.4	137.4	118	-179.9
6750	-50.6	139.2	116	-179.9
6760	-50.3	141.0	114	-179.7
6770	-50.3	142.8	113	-179.9
6780	-50.2	144.6	111	-179.9
6790	-49.1	146.4	109	-179.9
6800	-48.5	148.2	107	-179.7
6810	-48.3	150.0	105	-179.4
6820	-49.0	151.8	104	-179.7
6830	-48.7	153.6	102	-179.7
6840	-47.5	155.4	100	-179.9
6850	-45.3	157.2	98	-179.7
6860	-44.3	159.0	96	-178.9
6870	-45.2	160.8	95	-179.4
6880	-46.4	162.6	93	-179.7
6890	-46.9	164.4	91	-179.7
6900	-46.9	166.2	89	-179.7
6910	-45.8	168.0	87	-179.4
6920	-44.7	169.8	86	-179.1
6930	-43.1	171.6	84	-179.4
6940	-41.8	173.4	82	-179.4
6950	-41.2	175.2	80	-179.4
6960	-41.2	177.0	78	-179.7

6970	-41.9	178.8	77	-179.7
6980	-42.6	180.6	75	-179.4
6990	-42.3	182.4	73	-179.9
7000	-41.6	184.2	71	-179.7
7010	-40.5	185.9	70	-179.7
7020	-39.2	187.7	68	-179.4
7030	-37.0	189.5	66	-179.7
7040	-34.7	191.3	64	-179.1
7050	-33.0	193.1	62	-179.1
7060	-32.4	194.9	61	-179.4
7070	-33.0	196.7	59	-179.7
7080	-33.6	198.5	57	-179.4
7090	-33.2	200.3	55	-179.7
7100	-32.4	202.1	53	-179.4
7110	-31.7	203.9	52	-179.4
7120	-30.6	205.7	50	-179.4
7130	-29.0	207.5	48	-179.4
7140	-26.4	209.3	46	-179.1
7150	-23.9	211.1	44	-179.4
7160	-22.8	212.9	43	-179.1
7170	-22.5	214.7	41	-179.4
7180	-22.6	216.4	39	-179.7
7190	-21.7	218.2	37	-179.1
7200	-20.6	220.0	35	-179.4
7210	-19.0	221.8	34	-179.4
7220	-17.9	223.6	32	-179.1
7230	-16.7	225.4	30	-179.4
7240	-15.1	227.2	28	-179.4
7250	-13.3	229.0	26	-179.4
7260	-12.5	230.8	25	-179.1
7270	-12.5	232.6	23	-179.7
7280	-12.7	234.4	21	-179.7
7290	-12.3	236.2	19	-179.4
7300	-10.8	238.0	17	-179.4
7310	-8.9	239.8	16	-179.1
7320	-7.1	241.6	14	-179.1
7330	-4.3	243.3	12	-179.1
7340	-1.9	245.1	10	-179.1
7350	-1.6	246.9	9	-179.1
7360	-1.6	248.7	7	-178.6
7370	-1.6	250.5	5	-178.3
7380	-1.5	252.3	3	-178.1
7390	-0.8	254.1	1	-177.3
7400	2.2	255.8	0	-171.4
7410	9.1	257.5	-2	-169.0
7420	15.7	259.1	-4	-164.7
7430	16.7	260.6	-5	-137.6
7440	0.9	262.0	-7	-119.8
7450	-3.0	263.0	-8	-95.8
7460	-15.6	263.8	-8	-82.2
7470	-27.0	264.4	-9	-59.3
7480	-23.1	264.9	-9	-46.0
7490	-4.7	265.2	-10	-30.6
7500	1.8	265.5	-10	-27.9

7510	20.9	265.7	-10	-17.3
7520	42.6	265.8	-10	-5.0
7530	50.2	265.8	-10	3.4
7540	41.4	265.7	-10	13.0
7550	25.4	265.4	-10	23.1
7560	13.6	265.1	-10	28.7
7570	12.7	264.8	-9	31.6
7580	21.6	264.4	-9	34.6
7590	33.8	264.0	-9	39.6
7600	41.5	263.5	-8	47.9
7610	40.7	262.9	-7	57.7
7620	32.8	262.1	-7	82.5
7630	25.1	261.3	-6	90.7
7640	22.2	260.4	-5	99.8
7650	26.2	259.5	-4	106.4
7660	32.3	258.4	-3	104.3
7670	34.3	257.3	-2	113.6
7680	30.9	256.1	-1	123.2
7690	24.3	254.8	1	131.7
7700	18.6	253.4	2	138.1
7710	17.6	252.0	3	143.4
7720	21.0	250.6	5	148.0
7730	25.9	249.0	6	153.6
7740	27.1	247.4	8	160.7
7750	23.9	245.8	10	167.9
7760	17.6	244.1	11	174.1
7770	12.7	242.3	13	178.1
7780	12.6	240.5	15	179.4
7790	16.8	238.7	17	179.7
7800	22.1	236.9	19	179.9
7810	24.8	235.1	20	179.9
7820	23.2	233.3	22	180.2
7830	19.1	231.5	24	179.9
7840	13.6	229.7	26	179.7
7850	9.4	227.9	28	179.1
7860	8.1	226.1	29	179.1
7870	9.6	224.3	31	179.4
7880	12.2	222.5	33	179.7
7890	13.6	220.7	35	179.9
7900	13.4	218.9	37	179.7
7910	11.3	217.1	38	179.7
7920	8.9	215.3	40	179.7
7930	9.1	213.5	42	179.4
7940	10.0	211.7	44	179.7
7950	11.1	210.0	45	179.7
7960	12.2	208.2	47	179.9
7970	14.0	206.4	49	179.7
7980	15.3	204.6	51	179.9
7990	14.2	202.8	53	179.9
8000	10.3	201.0	54	179.7
8010	4.3	199.2	56	179.4
8020	1.5	197.4	58	178.9
8030	1.9	195.6	60	178.6
8040	5.0	193.8	62	178.9

8050	10.7	192.0	63	179.7
8060	14.1	190.2	65	180.2
8070	13.3	188.4	67	180.2
8080	9.9	186.6	69	179.9
8090	6.5	184.8	71	179.4
8100	5.8	183.0	72	179.4
8110	7.2	181.2	74	179.7
8120	10.0	179.4	76	179.7
8130	13.4	177.6	78	179.9
8140	15.1	175.8	80	180.2
8150	14.2	174.0	81	179.9
8160	12.1	172.2	83	179.7
8170	9.6	170.4	85	179.7
8180	9.8	168.6	87	179.7
8190	11.5	166.8	89	179.7
8200	14.4	165.0	90	179.9
8210	15.9	163.2	92	179.9
8220	16.0	161.4	94	179.9
8230	15.2	159.6	96	179.9
8240	14.2	157.8	98	179.7
8250	13.7	156.0	99	179.9
8260	14.4	154.2	101	179.7
8270	16.0	152.4	103	179.9
8280	17.6	150.6	105	179.9
8290	17.9	148.8	107	179.9
8300	17.2	147.0	108	179.9
8310	15.6	145.2	110	179.7
8320	14.4	143.4	112	179.7
8330	14.5	141.6	114	179.7
8340	15.3	139.8	116	179.9
8350	16.3	138.0	117	179.9
8360	17.1	136.2	119	179.9
8370	17.4	134.4	121	179.9
8380	17.6	132.6	123	179.9
8390	17.2	130.8	125	179.7
8400	16.8	129.0	126	179.7
8410	16.7	127.2	128	179.9
8420	16.4	125.5	130	179.7
8430	16.7	123.7	132	179.9
8440	16.0	121.9	134	179.7
8450	14.4	120.1	135	179.7
8460	12.9	118.3	137	179.7
8470	11.7	116.5	139	179.7
8480	10.8	114.7	141	179.4
8490	10.0	112.9	143	179.4
8500	9.5	111.1	144	179.4
8510	8.4	109.3	146	179.1
8520	6.6	107.5	148	179.1
8530	5.4	105.7	150	179.1
8540	3.5	103.9	152	179.1
8550	1.9	102.1	153	179.1
8560	1.5	100.3	155	179.1
8570	1.4	98.5	157	178.9
8580	1.4	96.8	159	178.3

8590	1.2	95.0	160	178.1
8600	0.4	93.2	162	177.3
8610	-5.8	91.4	164	174.9
8620	-11.7	89.7	166	171.1
8630	-12.2	88.0	167	166.9
8640	-8.7	86.4	169	162.6
8650	-5.6	84.8	171	159.7
8660	-6.0	83.2	172	157.3
8670	-8.4	81.7	174	154.9
8680	-11.8	80.2	175	136.0
8690	-8.5	78.8	177	121.1
8700	2.2	77.6	178	119.0
8710	15.6	76.7	179	86.5
8720	33.1	76.0	179	76.1
8730	29.3	75.4	180	55.1
8740	12.6	74.9	181	42.8
8750	-1.2	74.6	181	35.4
8760	-16.8	74.3	181	24.2
8770	-27.8	74.1	181	16.7
8780	-26.4	74.0	181	9.3
8790	-20.9	74.0	181	1.8
8800	-15.6	74.0	181	-1.5
8810	-14.0	74.0	181	-4.2
8820	-16.4	74.1	181	-7.9
8830	-22.4	74.2	181	-12.2
8840	-25.9	74.4	181	-17.8
8850	-26.8	74.7	181	-24.4
8860	-25.6	75.0	180	-30.8
8870	-25.6	75.4	180	-37.0
8880	-29.2	75.9	180	-53.2
8890	-34.6	76.4	179	-56.1
8900	-39.6	77.0	178	-59.6
8910	-41.2	77.8	178	-77.4
8920	-38.9	78.7	177	-96.9
8930	-33.4	79.6	176	-108.3
8940	-28.2	80.7	175	-118.2
8950	-26.2	81.8	174	-115.2
8960	-27.7	83.0	172	-122.7
8970	-30.9	84.3	171	-130.4
8980	-32.7	85.7	170	-138.9
8990	-32.5	87.1	168	-148.0
9000	-31.1	88.7	167	-157.0
9010	-30.5	90.3	165	-165.5
9020	-30.6	92.0	163	-173.8
9030	-33.6	93.8	162	-176.7
9040	-39.7	95.6	160	-177.0
9050	-44.9	97.4	158	-178.3
9060	-45.8	99.1	156	-178.9
9070	-44.1	100.9	155	-179.4
9080	-41.9	102.7	153	-179.1
9090	-41.9	104.5	151	-179.4
9100	-45.4	106.3	149	-179.7
9110	-49.4	108.1	147	-179.9
9120	-51.3	109.9	146	-180.4

9130	-50.4	111.7	144	-180.2
9140	-47.6	113.5	142	-179.7
9150	-44.7	115.3	140	-179.4
9160	-43.3	117.1	138	-179.4
9170	-43.5	118.9	137	-179.4
9180	-45.6	120.7	135	-179.7
9190	-48.1	122.5	133	-179.7
9200	-50.4	124.3	131	-179.7
9210	-50.9	126.1	129	-180.2
9220	-49.5	127.9	128	-179.9
9230	-47.5	129.7	126	-179.7
9240	-46.2	131.5	124	-179.4
9250	-46.9	133.3	122	-179.7
9260	-49.2	135.1	120	-179.7
9270	-50.7	136.9	119	-180.2
9280	-51.9	138.7	117	-179.9
9290	-51.9	140.5	115	-179.9
9300	-51.3	142.3	113	-180.2
9310	-50.7	144.1	111	-179.9
9320	-49.6	145.9	110	-179.7
9330	-49.1	147.7	108	-179.7
9340	-49.4	149.5	106	-179.7
9350	-49.5	151.3	104	-179.7
9360	-49.8	153.1	102	-179.9
9370	-48.8	154.9	101	-179.9
9380	-47.1	156.7	99	-179.4
9390	-45.6	158.5	97	-179.1
9400	-45.2	160.3	95	-179.7
9410	-45.6	162.0	93	-179.7
9420	-45.6	163.8	92	-179.7
9430	-45.4	165.6	90	-179.7
9440	-44.7	167.4	88	-179.4
9450	-43.8	169.2	86	-179.1
9460	-42.7	171.0	84	-179.7
9470	-41.4	172.8	83	-179.4
9480	-40.5	174.6	81	-179.4
9490	-40.4	176.4	79	-179.7
9500	-40.4	178.2	77	-179.7
9510	-40.3	180.0	75	-179.4
9520	-39.9	181.8	74	-179.9
9530	-39.1	183.6	72	-179.4
9540	-38.1	185.4	70	-179.1
9550	-37.2	187.2	68	-179.4
9560	-35.4	189.0	66	-179.7
9570	-33.9	190.8	65	-179.1
9580	-32.8	192.6	63	-179.4
9590	-32.4	194.4	61	-179.4
9600	-32.7	196.2	59	-179.4
9610	-33.4	198.0	57	-179.7
9620	-33.1	199.7	56	-179.7
9630	-32.4	201.5	54	-179.4
9640	-31.7	203.3	52	-179.4
9650	-30.4	205.1	50	-179.1
9660	-27.9	206.9	49	-179.4

9670	-24.5	208.7	47	-179.4
9680	-21.0	210.5	45	-179.1
9690	-18.6	212.3	43	-178.9
9700	-18.0	214.1	41	-178.9
9710	-18.7	215.9	40	-179.1
9720	-19.3	217.7	38	-179.1
9730	-18.8	219.5	36	-179.4
9740	-17.6	221.3	34	-179.7
9750	-16.3	223.1	32	-179.4
9760	-14.9	224.9	31	-179.4
9770	-13.2	226.6	29	-179.4
9780	-10.0	228.4	27	-179.1
9790	-2.3	230.2	25	-178.6
9800	-1.9	232.0	23	-178.9
9810	-2.8	233.8	22	-178.6
9820	-7.7	235.6	20	-179.4
9830	-9.6	237.4	18	-179.9
9840	-10.7	239.2	16	-179.7
9850	-8.5	241.0	14	-179.7
9860	-4.9	242.8	13	-179.7
9870	-1.4	244.6	11	-179.1
9880	-1.6	246.4	9	-178.9
9890	-1.5	248.2	7	-178.6
9900	-1.4	249.9	6	-178.3
9910	0.4	251.7	4	-177.8
9920	3.8	253.5	2	-171.4
9930	4.3	255.2	0	-168.5
9940	4.1	256.8	-1	-166.3
9950	4.6	258.5	-3	-164.2
9960	8.0	260.1	-5	-161.3
9970	2.3	261.5	-6	-135.5
9980	-2.6	262.6	-7	-116.0
9990	-16.8	263.5	-8	-83.5
10000	-35.0	264.2	-9	-66.0
10010	-34.0	264.7	-9	-50.8
10020	-19.1	265.1	-10	-38.8
10030	1.6	265.4	-10	-25.8
10040	17.0	265.7	-10	-23.4
10050	38.2	265.8	-10	-13.0
10060	45.6	265.9	-10	-0.7
10070	42.7	265.8	-10	5.3
10080	30.0	265.7	-10	17.0
10090	16.0	265.4	-10	23.4
10100	9.1	265.1	-10	27.9
10110	12.7	264.8	-9	30.8
10120	23.7	264.4	-9	34.8
10130	34.7	264.0	-9	41.5
10140	38.6	263.5	-8	50.5
10150	33.5	262.8	-7	72.9
10160	26.7	262.1	-7	75.3
10170	22.4	261.3	-6	74.2
10180	23.7	260.4	-5	79.6
10190	29.3	259.4	-4	95.0
10200	33.1	258.4	-3	103.2

10210	31.5	257.3	-2	112.3
10220	25.5	256.1	-1	121.1
10230	19.3	254.9	1	128.0
10240	16.7	253.6	2	132.8
10250	19.1	252.2	3	137.6
10260	24.7	250.8	5	142.6
10270	28.6	249.3	6	149.6
10280	26.8	247.7	8	157.0
10290	21.0	246.1	9	163.9
10300	14.6	244.4	11	169.8
10310	11.9	242.7	13	173.3
10320	13.8	241.0	14	176.2
10330	17.9	239.2	16	179.4
10340	22.6	237.4	18	179.9
10350	26.0	235.6	20	180.2
10360	25.1	233.8	22	180.2
10370	21.3	232.0	23	179.9
10380	16.5	230.2	25	179.9
10390	12.7	228.4	27	179.4
10400	11.8	226.6	29	179.4
10410	13.0	224.8	31	179.4
10420	14.4	223.0	32	179.9
10430	14.8	221.2	34	179.7
10440	15.5	219.4	36	179.9
10450	17.5	217.6	38	179.9
10460	19.4	215.8	40	180.2
10470	19.7	214.0	41	179.9
10480	15.6	212.2	43	179.9
10490	7.6	210.4	45	179.4
10500	2.4	208.6	47	178.9
10510	2.6	206.8	49	178.9
10520	7.2	205.0	50	179.1
10530	13.6	203.2	52	179.9
10540	17.4	201.4	54	180.4
10550	15.9	199.6	56	180.2
10560	10.4	197.8	58	179.7
10570	5.3	196.0	59	179.1
10580	3.9	194.2	61	179.4
10590	5.7	192.4	63	179.4
10600	9.6	190.6	65	179.9
10610	13.2	188.8	67	180.2
10620	14.9	187.0	68	179.9
10630	13.6	185.2	70	180.2
10640	10.8	183.4	72	179.9
10650	8.7	181.6	74	179.7
10660	7.6	179.9	76	179.7
10670	9.6	178.1	77	179.7
10680	12.9	176.3	79	179.9
10690	15.2	174.5	81	179.7
10700	15.3	172.7	83	179.9
10710	13.8	170.9	85	179.7
10720	11.9	169.1	86	179.7
10730	11.7	167.3	88	179.7
10740	12.3	165.5	90	179.7

10750	14.0	163.7	92	179.7
10760	15.2	161.9	94	179.9
10770	15.7	160.1	95	179.9
10780	14.6	158.3	97	179.7
10790	12.9	156.5	99	179.9
10800	11.9	154.7	101	179.7
10810	12.2	152.9	103	179.9
10820	14.0	151.1	104	179.7
10830	15.2	149.3	106	179.9
10840	15.9	147.5	108	179.9
10850	15.7	145.7	110	179.9
10860	15.3	143.9	112	179.7
10870	15.6	142.1	113	179.7
10880	16.3	140.3	115	179.7
10890	16.4	138.5	117	179.9
10900	16.4	136.7	119	179.9
10910	16.7	134.9	121	179.9
10920	16.7	133.1	122	179.9
10930	16.1	131.3	124	179.7
10940	15.3	129.5	126	179.7
10950	15.1	127.7	128	179.7
10960	14.6	125.9	130	179.7
10970	14.5	124.1	131	179.9
10980	14.5	122.3	133	179.7
10990	14.0	120.5	135	179.7
11000	12.7	118.7	137	179.7
11010	11.9	116.9	139	179.7
11020	11.0	115.1	140	179.7
11030	10.0	113.3	142	179.4
11040	8.8	111.5	144	179.4
11050	7.6	109.7	146	179.4
11060	6.1	107.9	148	179.1
11070	5.4	106.2	149	179.1
11080	4.7	104.4	151	179.4
11090	3.8	102.6	153	179.4
11100	3.0	100.8	155	179.1
11110	2.2	99.0	156	179.4
11120	1.8	97.2	158	179.1
11130	1.6	95.4	160	178.9
11140	1.5	93.6	162	178.3
11150	1.4	91.8	164	178.3
11160	0.9	90.0	165	177.5
11170	-2.4	88.3	167	175.4
11180	-9.5	86.5	169	173.0
11190	-12.7	84.8	171	169.0
11200	-11.0	83.2	172	164.2
11210	-6.0	81.6	174	161.0
11220	-4.2	80.1	175	142.6
11230	0.3	78.6	177	125.3
11240	2.2	77.4	178	109.9
11250	14.2	76.5	179	77.2
11260	27.1	75.8	180	68.4
11270	23.2	75.2	180	58.3
11280	7.1	74.8	181	40.4

11290	-1.6	74.4	181	30.3
11300	-13.7	74.2	181	23.9
11310	-26.8	74.0	181	14.3
11320	-29.3	74.0	181	5.8
11330	-24.5	73.9	182	-1.0
11340	-19.9	74.0	181	-4.2
11350	-18.8	74.1	181	-10.3
11360	-23.1	74.2	181	-15.9
11370	-28.9	74.4	181	-22.8
11380	-33.5	74.6	181	-28.4
11390	-36.1	75.0	180	-34.0
11400	-34.4	75.4	180	-47.3
11410	-31.5	76.0	179	-56.9
11420	-31.3	76.6	179	-59.6
11430	-36.1	77.4	178	-82.5
11440	-41.8	78.2	177	-92.3
11450	-44.1	79.2	176	-106.2
11460	-41.0	80.2	175	-119.8
11470	-33.0	81.4	174	-119.5
11480	-25.2	82.7	173	-128.8
11490	-23.3	84.0	171	-135.5
11500	-26.7	85.4	170	-142.1
11510	-33.9	86.9	169	-149.6
11520	-37.2	88.4	167	-159.4
11530	-35.4	90.1	165	-169.3
11540	-31.9	91.9	164	-176.5
11550	-33.0	93.6	162	-177.0
11560	-40.0	95.4	160	-177.0
11570	-47.6	97.2	158	-178.6
11580	-50.0	99.0	156	-179.4
11590	-47.6	100.8	155	-179.1
11600	-43.3	102.6	153	-179.1
11610	-40.4	104.4	151	-179.1
11620	-41.6	106.1	149	-179.1
11630	-46.2	107.9	148	-179.7
11640	-49.9	109.7	146	-180.2
11650	-50.9	111.5	144	-180.2
11660	-49.2	113.3	142	-179.7
11670	-46.0	115.1	140	-179.7
11680	-43.4	116.9	139	-179.4
11690	-42.6	118.7	137	-179.4
11700	-43.5	120.5	135	-179.4
11710	-46.1	122.3	133	-179.7
11720	-48.8	124.1	131	-179.9
11730	-51.0	125.9	130	-179.9
11740	-51.0	127.7	128	-179.9
11750	-49.5	129.5	126	-179.7
11760	-47.7	131.3	124	-179.7
11770	-46.9	133.1	122	-179.4
11780	-47.2	134.9	121	-179.4
11790	-47.7	136.7	119	-179.9
11800	-48.3	138.5	117	-179.9
11810	-48.3	140.3	115	-179.7
11820	-48.5	142.1	113	-179.7

11830	-49.0	143.9	112	-179.9
11840	-48.8	145.7	110	-179.7
11850	-48.1	147.5	108	-179.9
11860	-48.3	149.3	106	-179.4
11870	-48.4	151.1	104	-179.7
11880	-48.4	152.9	103	-179.9
11890	-48.1	154.7	101	-179.9
11900	-47.1	156.5	99	-179.7
11910	-46.2	158.3	97	-179.4
11920	-46.8	160.1	95	-179.7
11930	-48.3	161.9	94	-179.7
11940	-49.0	163.7	92	-179.9
11950	-49.1	165.5	90	-180.2
11960	-48.4	167.3	88	-179.4
11970	-46.8	169.1	86	-179.4
11980	-45.2	170.9	85	-179.7
11990	-43.3	172.6	83	-179.4
12000	-41.6	174.4	81	-179.4
12010	-40.7	176.2	79	-179.4
12020	-40.3	178.0	77	-179.4
12030	-40.1	179.8	76	-179.4
12040	-39.9	181.6	74	-179.9
12050	-38.9	183.4	72	-179.4
12060	-38.1	185.2	70	-179.1
12070	-36.9	187.0	68	-179.1
12080	-35.1	188.8	67	-179.4
12090	-33.1	190.6	65	-179.1
12100	-31.9	192.4	63	-179.4
12110	-30.8	194.2	61	-178.9
12120	-30.4	196.0	59	-179.4
12130	-30.0	197.8	58	-179.7
12140	-28.5	199.6	56	-179.7
12150	-26.7	201.4	54	-179.1
12160	-25.5	203.1	52	-179.4
12170	-24.4	204.9	51	-179.1
12180	-23.1	206.7	49	-179.1
12190	-21.3	208.5	47	-179.4
12200	-19.5	210.3	45	-179.1
12210	-17.9	212.1	43	-178.9
12220	-17.4	213.9	42	-179.4
12230	-17.6	215.7	40	-179.4
12240	-17.5	217.5	38	-179.4
12250	-16.3	219.3	36	-179.4
12260	-14.8	221.1	34	-179.4
12270	-13.4	222.9	33	-179.1
12280	-12.3	224.7	31	-179.4
12290	-11.3	226.5	29	-179.4
12300	-9.8	228.3	27	-178.9
12310	-4.6	230.0	25	-179.1
12320	-3.5	231.8	24	-178.9
12330	-4.7	233.6	22	-179.1
12340	-6.4	235.4	20	-179.4
12350	-6.4	237.2	18	-179.9
12360	-5.2	239.0	16	-179.4

12370	-3.3	240.8	15	-179.4
12380	-1.6	242.6	13	-179.4
12390	-1.5	244.4	11	-178.9
12400	-1.6	246.2	9	-178.6
12410	-1.2	248.0	7	-178.3
12420	1.9	249.7	6	-176.7
12430	6.8	251.5	4	-170.1
12440	12.2	253.1	2	-167.1
12450	16.1	254.8	1	-162.1
12460	18.8	256.3	-1	-156.2
12470	20.1	257.9	-2	-149.3
12480	18.7	259.3	-4	-142.6
12490	14.2	260.6	-5	-144.0
12500	1.1	261.7	-6	-106.2
12510	-2.0	262.7	-7	-95.3
12520	-1.1	263.4	-8	-70.0
12530	-0.7	264.0	-9	-61.7
12540	0.3	264.4	-9	-45.2
12550	6.8	264.8	-9	-32.2
12560	33.5	265.1	-10	-28.2
12570	46.4	265.3	-10	-13.5
12580	49.2	265.3	-10	0.7
12590	43.5	265.3	-10	7.1
12600	29.2	265.1	-10	21.2
12610	18.0	264.8	-9	30.8
12620	15.7	264.5	-9	36.7
12630	22.8	264.1	-9	41.7
12640	33.4	263.7	-8	49.2
12650	39.7	263.2	-8	59.6
12660	39.2	262.5	-7	71.3
12670	33.4	261.9	-6	75.0
12680	26.3	261.0	-6	75.6
12690	23.5	260.1	-5	81.7
12700	26.4	259.1	-4	97.4
12710	30.9	258.1	-3	104.8
12720	32.1	257.0	-2	113.4
12730	29.0	255.8	0	122.4
12740	23.2	254.5	1	130.4
12750	18.6	253.2	2	136.5
12760	18.6	251.7	4	141.6
12770	21.8	250.3	5	146.6
12780	26.2	248.8	7	152.5
12790	27.1	247.2	8	159.7
12800	23.9	245.6	10	166.6
12810	17.6	243.8	12	172.7
12820	12.5	242.1	13	177.0
12830	11.3	240.3	15	179.1
12840	14.9	238.5	17	179.4
12850	20.6	236.7	19	180.2
12860	24.3	234.9	21	179.9
12870	24.3	233.1	22	180.2
12880	20.9	231.3	24	180.2
12890	15.6	229.5	26	179.7
12900	10.8	227.7	28	179.1

12910	8.4	225.9	30	179.1
12920	8.4	224.1	31	179.4
12930	8.8	222.3	33	179.4
12940	9.2	220.5	35	179.4
12950	10.4	218.7	37	179.7
12960	11.9	216.9	39	179.7
12970	15.9	215.1	40	179.9
12980	17.6	213.3	42	179.7
12990	14.1	211.5	44	179.9
13000	5.6	209.7	46	179.4
13010	1.4	207.9	48	178.9
13020	1.6	206.2	49	178.9
13030	2.4	204.4	51	178.6
13040	8.7	202.6	53	178.6
13050	15.9	200.8	55	180.2
13060	16.7	199.0	56	179.9
13070	12.5	197.2	58	179.9
13080	6.6	195.4	60	179.7
13090	3.3	193.6	62	179.1
13100	3.4	191.8	64	179.4
13110	7.5	190.0	65	179.4
13120	11.8	188.2	67	179.7
13130	15.1	186.4	69	180.2
13140	14.5	184.6	71	180.2
13150	12.5	182.8	73	179.9
13160	9.2	181.0	74	179.4
13170	7.6	179.2	76	179.7
13180	9.1	177.4	78	179.9
13190	11.7	175.6	80	179.9
13200	14.2	173.8	82	179.7
13210	14.8	172.0	83	179.7
13220	12.9	170.2	85	179.7
13230	11.3	168.4	87	179.4
13240	9.8	166.6	89	179.7
13250	10.3	164.8	91	179.7
13260	11.8	163.0	92	179.7
13270	13.6	161.2	94	179.7
13280	14.9	159.4	96	179.7
13290	14.6	157.6	98	179.7
13300	13.4	155.8	100	179.9
13310	12.5	154.0	101	179.7
13320	12.2	152.3	103	179.7
13330	13.2	150.5	105	179.9
13340	14.0	148.7	107	179.7
13350	14.5	146.9	109	179.9
13360	13.8	145.1	110	179.7
13370	13.6	143.3	112	179.9
13380	13.7	141.5	114	179.7
13390	14.1	139.7	116	179.7
13400	15.1	137.9	118	179.9
13410	15.7	136.1	119	179.9
13420	16.4	134.3	121	179.9
13430	16.7	132.5	123	179.9
13440	16.0	130.7	125	179.9

13450	15.1	128.9	127	179.9
13460	14.1	127.1	128	179.7
13470	13.4	125.3	130	179.7
13480	13.6	123.5	132	179.7
13490	13.3	121.7	134	179.9
13500	12.9	119.9	136	179.4
13510	12.6	118.1	137	179.7
13520	12.1	116.3	139	179.7
13530	11.5	114.5	141	179.7
13540	10.4	112.7	143	179.7
13550	8.9	110.9	145	179.4
13560	7.6	109.1	146	179.4
13570	6.0	107.3	148	179.1
13580	5.0	105.5	150	179.4
13590	3.5	103.7	152	179.1
13600	2.3	101.9	154	179.4
13610	1.8	100.1	155	179.1
13620	1.5	98.3	157	178.6
13630	1.5	96.6	159	178.6
13640	1.4	94.8	161	178.3
13650	1.2	93.0	162	177.5
13660	0.4	91.2	164	176.2
13670	-5.6	89.5	166	174.6
13680	-11.9	87.8	168	171.1
13690	-13.7	86.1	169	166.9
13700	-10.7	84.4	171	162.1
13710	-6.9	82.9	173	158.4
13720	-5.7	81.3	174	155.7
13730	-8.4	79.8	176	137.9
13740	-5.3	78.4	177	116.8
13750	1.6	77.3	178	103.5
13760	8.3	76.5	179	72.9
13770	21.0	75.8	180	64.9
13780	19.1	75.2	180	46.0
13790	7.5	74.8	181	39.6
13800	-0.5	74.5	181	30.0
13810	-14.1	74.2	181	20.4
13820	-25.4	74.1	181	15.1
13830	-26.7	74.0	181	7.4
13840	-23.6	73.9	182	0.5
13850	-19.1	74.0	181	-2.3
13860	-15.7	74.0	181	-6.9
13870	-16.5	74.1	181	-10.9
13880	-21.6	74.3	181	-15.1
13890	-27.0	74.5	181	-20.4
13900	-31.2	74.8	181	-33.2
13910	-31.9	75.2	180	-42.8
13920	-31.9	75.6	180	-52.4
13930	-33.2	76.2	179	-61.7
13940	-36.7	76.8	179	-65.7
13950	-41.1	77.5	178	-68.4
13960	-43.3	78.3	177	-78.5
13970	-40.7	79.4	176	-108.6
13980	-34.3	80.4	175	-120.8

13990	-28.1	81.6	174	-118.7
14000	-25.2	82.8	173	-126.9
14010	-26.8	84.2	171	-133.6
14020	-30.5	85.6	170	-141.3
14030	-33.2	87.0	168	-149.8
14040	-33.0	88.6	167	-158.6
14050	-30.4	90.2	165	-167.7
14060	-27.5	92.0	163	-175.1
14070	-29.4	93.8	162	-176.5
14080	-35.5	95.5	160	-176.5
14090	-42.3	97.3	158	-177.5
14100	-43.3	99.1	156	-178.6
14110	-39.3	100.9	155	-178.9
14120	-35.0	102.6	153	-178.6
14130	-33.8	104.4	151	-178.9
14140	-37.7	106.2	149	-179.1
14150	-43.9	108.0	147	-179.7
14160	-47.3	109.8	146	-180.4
14170	-46.9	111.6	144	-180.4
14180	-43.4	113.4	142	-179.7
14190	-39.2	115.2	140	-179.7
14200	-37.7	117.0	138	-179.4
14210	-38.9	118.8	137	-179.4
14220	-42.4	120.6	135	-179.7
14230	-45.6	122.4	133	-179.9
14240	-46.9	124.2	131	-180.2
14250	-45.8	126.0	129	-180.2
14260	-43.5	127.8	128	-179.7
14270	-41.5	129.6	126	-179.7
14280	-41.4	131.4	124	-179.4
14290	-43.0	133.2	122	-179.7
14300	-44.9	135.0	120	-179.7
14310	-45.2	136.8	119	-179.9
14320	-44.2	138.6	117	-179.7
14330	-42.8	140.4	115	-179.4
14340	-42.3	142.2	113	-179.7
14350	-43.3	144.0	111	-179.9
14360	-44.2	145.8	110	-179.9
14370	-44.6	147.6	108	-179.7
14380	-44.7	149.4	106	-179.7
14390	-44.1	151.2	104	-179.4
14400	-42.8	153.0	102	-179.9
14410	-41.4	154.8	101	-179.9
14420	-39.3	156.6	99	-179.1
14430	-38.6	158.4	97	-179.1
14440	-39.6	160.2	95	-179.7
14450	-41.2	162.0	93	-179.7
14460	-41.6	163.7	92	-179.9
14470	-41.1	165.5	90	-179.7
14480	-39.5	167.3	88	-179.4
14490	-37.4	169.1	86	-179.1
14500	-35.7	170.9	85	-179.7
14510	-34.4	172.7	83	-179.4
14520	-33.4	174.5	81	-179.1

14530	-33.0	176.3	79	-179.4
14540	-32.5	178.1	77	-179.4
14550	-32.1	179.9	76	-179.4
14560	-31.2	181.7	74	-179.7
14570	-30.1	183.5	72	-179.1
14580	-29.6	185.3	70	-179.1
14590	-28.9	187.1	68	-179.1
14600	-27.9	188.9	67	-179.7
14610	-26.7	190.7	65	-179.4
14620	-25.9	192.5	63	-179.4
14630	-24.8	194.2	61	-179.1
14640	-24.3	196.0	59	-179.1
14650	-23.7	197.8	58	-179.4
14660	-22.6	199.6	56	-179.4
14670	-20.7	201.4	54	-179.1
14680	-19.4	203.2	52	-179.4
14690	-17.9	205.0	50	-179.1
14700	-16.1	206.8	49	-179.1
14710	-14.0	208.6	47	-179.4
14720	-12.1	210.4	45	-179.4
14730	-11.0	212.2	43	-179.1
14740	-11.5	214.0	41	-179.4
14750	-12.6	215.8	40	-179.7
14760	-13.2	217.6	38	-179.4
14770	-12.1	219.4	36	-179.7
14780	-10.3	221.2	34	-179.4
14790	-8.8	223.0	32	-179.1
14800	-7.5	224.7	31	-179.4
14810	-6.8	226.5	29	-179.4
14820	-6.2	228.3	27	-179.4
14830	-5.6	230.1	25	-179.1
14840	-4.9	231.9	24	-179.4
14850	-4.6	233.7	22	-179.4
14860	-4.1	235.5	20	-179.4
14870	-2.8	237.3	18	-179.7
14880	-2.0	239.1	16	-179.1
14890	-2.0	240.9	15	-179.1
14900	-1.6	242.7	13	-179.1
14910	-1.5	244.5	11	-178.6
14920	-1.5	246.3	9	-178.3
14930	-1.4	248.0	7	-178.1
14940	0.7	249.8	6	-175.9
14950	8.0	251.5	4	-170.1
14960	14.9	253.2	2	-166.1
14970	17.6	254.8	1	-160.5
14980	15.3	256.4	-1	-154.6
14990	11.5	257.9	-2	-149.6
15000	9.9	259.3	-4	-145.8
15010	9.6	260.7	-5	-148.2
15020	0.7	261.8	-6	-108.3
15030	-1.8	262.8	-7	-96.1
15040	-1.8	263.5	-8	-70.2
15050	-6.2	264.1	-9	-60.9
15060	-4.1	264.6	-9	-44.9

15070	0.4	264.9	-9	-31.9
15080	6.6	265.2	-10	-28.2
15090	31.2	265.5	-10	-19.4
15100	44.7	265.6	-10	-7.1
15110	46.1	265.6	-10	2.6
15120	37.7	265.5	-10	10.6
15130	22.5	265.3	-10	24.2
15140	13.3	265.0	-10	31.4
15150	13.6	264.7	-9	35.9
15160	22.6	264.3	-9	40.7
15170	33.6	263.9	-8	47.9
15180	38.8	263.4	-8	58.3
15190	36.2	262.8	-7	63.3
15200	29.0	262.1	-7	65.4
15210	22.8	261.3	-6	88.9
15220	22.2	260.4	-5	95.3
15230	26.7	259.5	-4	101.9
15240	31.9	258.5	-3	100.3
15250	32.5	257.5	-2	109.4
15260	28.3	256.3	-1	118.4
15270	21.7	255.1	0	126.1
15280	17.1	253.7	2	131.7
15290	16.5	252.4	3	136.3
15300	20.1	251.0	4	140.8
15310	24.3	249.6	6	146.4
15320	25.0	248.0	7	152.8
15330	21.0	246.5	9	158.9
15340	15.6	244.8	11	164.5
15350	12.1	243.2	12	168.2
15360	12.3	241.5	14	171.4
15370	15.3	239.7	16	174.3
15380	17.6	237.9	18	177.8
15390	19.0	236.2	19	179.9
15400	19.4	234.4	21	179.9
15410	19.1	232.6	23	179.7
15420	17.2	230.8	25	179.9
15430	14.4	229.0	26	179.4
15440	11.9	227.2	28	179.4
15450	11.3	225.4	30	179.1
15460	11.3	223.6	32	179.1
15470	11.0	221.8	34	179.1
15480	9.9	220.0	35	179.4
15490	8.8	218.2	37	179.4
15500	8.7	216.4	39	179.4
15510	9.2	214.6	41	179.7
15520	11.3	212.8	43	179.7
15530	14.5	211.0	44	179.9
15540	16.3	209.2	46	179.9
15550	14.5	207.4	48	179.9
15560	8.8	205.6	50	179.4
15570	3.5	203.8	52	179.1
15580	2.4	202.0	53	179.1
15590	5.0	200.2	55	179.1
15600	10.0	198.4	57	179.7

15610	14.9	196.6	59	179.9
15620	15.5	194.8	61	180.2
15630	12.3	193.0	62	179.9
15640	8.0	191.2	64	179.7
15650	4.9	189.4	66	179.1
15660	6.1	187.6	68	179.4
15670	9.5	185.8	70	179.7
15680	12.7	184.0	71	179.9
15690	14.1	182.2	73	180.2
15700	12.6	180.5	75	179.7
15710	10.7	178.7	77	179.7
15720	9.8	176.9	79	179.7
15730	9.6	175.1	80	179.7
15740	11.0	173.3	82	179.7
15750	12.1	171.5	84	179.7
15760	12.9	169.7	86	179.9
15770	13.0	167.9	88	179.7
15780	12.3	166.1	89	179.9
15790	11.9	164.3	91	179.9
15800	12.1	162.5	93	179.7
15810	13.3	160.7	95	179.9
15820	14.4	158.9	97	179.9
15830	15.1	157.1	98	179.9
15840	15.6	155.3	100	179.9
15850	15.9	153.5	102	179.9
15860	16.4	151.7	104	179.9
15870	17.1	149.9	106	179.9
15880	17.2	148.1	107	179.9
15890	17.1	146.3	109	180.2
15900	16.8	144.5	111	179.9
15910	17.1	142.7	113	179.9
15920	16.8	140.9	115	179.9
15930	17.0	139.1	116	179.7
15940	17.0	137.3	118	179.9
15950	17.1	135.5	120	179.9
15960	17.5	133.7	122	179.9
15970	17.8	131.9	124	179.7
15980	17.9	130.1	125	179.7
15990	17.8	128.3	127	179.9
16000	17.4	126.5	129	179.7
16010	16.8	124.7	131	179.9
16020	16.5	122.9	133	179.7
16030	15.7	121.1	134	179.7
16040	14.8	119.3	136	179.7
16050	13.6	117.5	138	179.7
16060	12.2	115.7	140	179.7
16070	10.8	113.9	142	179.7
16080	8.8	112.1	143	179.4
16090	7.1	110.3	145	179.4
16100	5.3	108.5	147	179.1
16110	4.3	106.7	149	179.1
16120	3.8	104.9	151	179.4
16130	3.1	103.2	152	179.1
16140	2.3	101.4	154	179.1

16150	1.8	99.6	156	179.1
16160	1.6	97.8	158	178.9
16170	1.5	96.0	159	178.6
16180	1.2	94.2	161	178.1
16190	0.9	92.4	163	177.8
16200	-3.8	90.7	165	175.9
16210	-12.1	88.9	167	172.7
16220	-16.1	87.2	168	167.7
16230	-14.8	85.6	170	162.3
16240	-10.3	84.0	171	157.8
16250	-7.2	82.5	173	154.1
16260	-8.1	80.9	175	150.9
16270	-12.1	79.5	176	160.5
16280	-6.8	78.3	177	120.3
16290	1.8	77.2	178	86.5
16300	7.2	76.4	179	76.6
16310	19.8	75.8	180	55.1
16320	19.0	75.2	180	49.2
16330	9.1	74.8	181	38.6
16340	-0.4	74.5	181	26.3
16350	-9.5	74.3	181	22.6
16360	-23.6	74.1	181	14.1
16370	-22.8	74.0	181	10.1
16380	-21.0	73.9	182	2.9
16390	-17.9	73.9	182	-0.5
16400	-17.5	74.0	181	-5.0
16410	-18.7	74.1	181	-9.0
16420	-24.8	74.2	181	-14.3
16430	-30.5	74.4	181	-20.7
16440	-34.4	74.7	181	-34.6
16450	-34.7	75.1	180	-40.1
16460	-34.3	75.6	180	-49.7
16470	-35.1	76.1	179	-52.9
16480	-37.7	76.8	179	-75.8
16490	-39.7	77.6	178	-87.0
16500	-39.9	78.5	177	-99.3
16510	-36.9	79.5	176	-111.0
16520	-31.5	80.5	175	-121.9
16530	-26.4	81.7	174	-119.0
16540	-24.5	83.0	172	-126.7
16550	-26.2	84.3	171	-133.3
16560	-29.6	85.7	170	-140.8
16570	-32.5	87.1	168	-148.8
16580	-33.2	88.7	167	-158.1
16590	-31.9	90.3	165	-167.1
16600	-29.2	92.1	163	-175.1
16610	-31.1	93.8	162	-176.7
16620	-36.9	95.6	160	-177.0
16630	-42.7	97.4	158	-177.8
16640	-44.1	99.2	156	-178.9
16650	-41.8	101.0	154	-179.1
16660	-38.1	102.8	153	-178.9
16670	-36.6	104.5	151	-179.1
16680	-38.6	106.3	149	-179.1

16690	-42.2	108.1	147	-179.7
16700	-43.9	109.9	146	-179.9
16710	-43.3	111.7	144	-179.7
16720	-40.8	113.5	142	-179.7
16730	-38.4	115.3	140	-179.4
16740	-37.2	117.1	138	-179.4
16750	-37.7	118.9	137	-179.4
16760	-39.9	120.7	135	-179.7
16770	-42.2	122.5	133	-179.7
16780	-44.2	124.3	131	-179.7
16790	-44.6	126.1	129	-180.2
16800	-43.3	127.9	128	-179.9
16810	-41.2	129.7	126	-179.7
16820	-39.7	131.5	124	-179.7
16830	-39.9	133.3	122	-179.4
16840	-41.2	135.1	120	-179.7
16850	-42.0	136.9	119	-179.9
16860	-42.3	138.7	117	-179.7
16870	-41.6	140.5	115	-179.7
16880	-40.8	142.3	113	-179.7
16890	-40.3	144.1	111	-179.9
16900	-39.5	145.9	110	-179.4
16910	-38.6	147.7	108	-179.7
16920	-38.5	149.5	106	-179.4
16930	-38.9	151.3	104	-179.7
16940	-39.9	153.1	102	-179.7
16950	-39.9	154.9	101	-179.9
16960	-38.9	156.7	99	-179.7
16970	-38.0	158.5	97	-179.1
16980	-38.2	160.3	95	-179.7
16990	-39.1	162.1	93	-179.4
17000	-39.7	163.8	92	-179.7
17010	-39.9	165.6	90	-179.7
17020	-39.7	167.4	88	-179.7
17030	-39.1	169.2	86	-179.1
17040	-38.1	171.0	84	-179.7
17050	-36.9	172.8	83	-179.4
17060	-36.3	174.6	81	-179.4
17070	-36.2	176.4	79	-179.4
17080	-35.8	178.2	77	-179.4
17090	-35.7	180.0	75	-179.4
17100	-35.3	181.8	74	-179.9
17110	-34.8	183.6	72	-179.4
17120	-34.6	185.4	70	-179.1
17130	-34.2	187.2	68	-179.4
17140	-33.0	189.0	66	-179.7
17150	-31.5	190.8	65	-179.4
17160	-30.2	192.6	63	-179.4
17170	-29.6	194.4	61	-179.4
17180	-29.3	196.2	59	-179.1
17190	-29.3	198.0	57	-179.7
17200	-28.1	199.8	56	-179.4
17210	-26.3	201.5	54	-179.1
17220	-24.7	203.3	52	-179.1

17230	-23.1	205.1	50	-178.9
17240	-21.3	206.9	49	-179.4
17250	-19.5	208.7	47	-179.4
17260	-18.2	210.5	45	-179.1
17270	-17.5	212.3	43	-179.1
17280	-17.8	214.1	41	-179.4
17290	-18.3	215.9	40	-179.7
17300	-18.2	217.7	38	-179.7
17310	-16.8	219.5	36	-179.4
17320	-14.9	221.3	34	-179.4
17330	-13.3	223.1	32	-179.1
17340	-12.1	224.9	31	-179.4
17350	-10.8	226.7	29	-179.4
17360	-9.9	228.5	27	-179.1
17370	-6.9	230.2	25	-179.1
17380	-7.1	232.0	23	-179.4
17390	-7.3	233.8	22	-179.1
17400	-7.6	235.6	20	-179.4
17410	-6.4	237.4	18	-179.4
17420	-4.3	239.2	16	-179.1
17430	-2.8	241.0	14	-179.1
17440	-1.6	242.8	13	-179.4
17450	-1.5	244.6	11	-179.1
17460	-1.5	246.4	9	-178.6
17470	-1.4	248.2	7	-178.6
17480	-0.3	249.9	6	-177.8
17490	5.2	251.7	4	-173.5
17500	9.8	253.4	2	-167.9
17510	12.2	255.0	0	-163.4
17520	12.1	256.6	-1	-159.4
17530	13.2	258.2	-3	-154.9
17540	15.5	259.6	-4	-134.9
17550	12.3	261.0	-6	-117.6
17560	-2.6	262.1	-7	-105.1
17570	-2.0	263.0	-8	-75.8
17580	-11.1	263.7	-8	-67.3
17590	-16.5	264.3	-9	-58.5
17600	-10.3	264.8	-9	-42.5
17610	0.8	265.1	-10	-29.2
17620	16.4	265.4	-10	-27.6
17630	42.7	265.6	-10	-15.9
17640	53.0	265.6	-10	-1.8
17650	50.4	265.6	-10	5.3
17660	35.0	265.4	-10	16.7
17670	17.1	265.2	-10	25.2
17680	6.8	264.9	-9	29.5
17690	9.4	264.5	-9	31.9
17700	21.6	264.1	-9	34.8
17710	34.4	263.7	-8	40.9
17720	39.2	263.2	-8	49.7
17730	33.9	262.5	-7	72.1
17740	25.6	261.8	-6	74.5
17750	18.8	261.0	-6	73.2
17760	18.8	260.2	-5	77.7

17770	25.4	259.2	-4	91.5
17780	31.3	258.3	-3	98.7
17790	31.9	257.2	-2	107.5
17800	25.8	256.1	-1	116.3
17810	17.8	254.9	1	122.9
17820	12.9	253.6	2	127.7
17830	13.8	252.3	3	131.2
17840	20.3	250.9	5	134.9
17850	26.0	249.6	6	140.5
17860	26.6	248.1	7	147.2
17870	20.9	246.6	9	154.4
17880	13.4	245.0	10	159.7
17890	8.9	243.4	12	162.9
17900	9.6	241.7	14	164.7
17910	14.5	240.1	15	166.9
17920	18.0	238.4	17	170.3
17930	18.6	236.6	19	174.9
17940	14.8	234.8	21	178.9
17950	11.1	233.0	22	179.4
17960	10.0	231.3	24	179.4
17970	11.1	229.5	26	179.4
17980	12.7	227.7	28	179.7
17990	14.8	225.9	30	179.9
18000	15.1	224.1	31	179.4
18010	13.3	222.3	33	179.7
18020	10.8	220.5	35	179.7
18030	9.8	218.7	37	179.4
18040	9.8	216.9	39	179.4
18050	11.1	215.1	40	179.4
18060	12.3	213.3	42	179.7
18070	13.4	211.5	44	179.7
18080	13.7	209.7	46	179.7
18090	12.3	207.9	48	179.9
18100	8.7	206.1	49	179.4
18110	3.3	204.3	51	179.1
18120	1.2	202.5	53	179.1
18130	1.8	200.7	55	178.9
18140	2.6	198.9	57	178.3
18150	6.8	197.2	58	178.6
18160	11.3	195.4	60	179.9
18170	11.8	193.6	62	179.9
18180	9.2	191.8	64	179.7
18190	5.0	190.0	65	179.7
18200	2.6	188.2	67	179.4
18210	3.5	186.4	69	179.4
18220	6.2	184.6	71	179.7
18230	9.8	182.8	73	179.9
18240	10.2	181.0	74	179.9
18250	8.9	179.2	76	179.9
18260	8.0	177.4	78	179.9
18270	7.5	175.6	80	179.7
18280	7.9	173.8	82	179.7
18290	8.9	172.0	83	179.9
18300	9.8	170.2	85	179.9

18310	11.4	168.4	87	179.9
18320	11.5	166.6	89	179.9
18330	11.4	164.8	91	179.9
18340	10.7	163.0	92	179.7
18350	10.3	161.2	94	179.9
18360	10.4	159.4	96	179.9
18370	10.8	157.6	98	179.9
18380	11.3	155.8	100	179.7
18390	11.8	154.0	101	179.7
18400	11.7	152.2	103	179.9
18410	11.9	150.4	105	179.7
18420	11.5	148.6	107	179.7
18430	11.5	146.8	109	179.9
18440	11.0	145.0	110	179.9
18450	11.3	143.2	112	179.9
18460	11.9	141.4	114	179.7
18470	12.3	139.6	116	179.9
18480	12.3	137.8	118	179.9
18490	12.3	136.0	119	179.9
18500	12.6	134.2	121	179.9
18510	12.9	132.4	123	179.9
18520	12.9	130.6	125	179.7
18530	12.9	128.8	127	179.9
18540	12.5	127.0	128	180.2
18550	11.8	125.2	130	179.7
18560	11.9	123.4	132	179.7
18570	11.4	121.6	134	179.9
18580	10.8	119.8	136	179.7
18590	10.6	118.0	137	179.7
18600	10.3	116.2	139	179.7
18610	10.0	114.5	141	179.7
18620	9.2	112.7	143	179.7
18630	7.9	110.9	145	179.4
18640	6.5	109.1	146	179.4
18650	5.4	107.3	148	179.1
18660	4.9	105.5	150	179.4
18670	3.9	103.7	152	179.4
18680	2.8	101.9	154	179.4
18690	1.9	100.1	155	179.4
18700	1.5	98.3	157	178.9
18710	1.5	96.5	159	178.6
18720	1.2	94.7	161	178.3
18730	1.1	93.0	162	177.8
18740	0.0	91.2	164	176.5
18750	-6.0	89.4	166	174.3
18760	-10.7	87.7	168	170.9
18770	-11.1	86.0	169	166.9
18780	-8.0	84.4	171	163.1
18790	-5.3	82.8	173	160.2
18800	-5.8	81.2	174	157.8
18810	-9.9	79.7	176	139.2
18820	-5.2	78.3	177	141.8
18830	1.9	77.3	178	102.7
18840	14.1	76.4	179	88.3

18850	26.8	75.7	180	64.1
18860	22.6	75.2	180	50.3
18870	5.3	74.7	181	42.0
18880	-2.0	74.5	181	28.7
18890	-16.5	74.2	181	20.7
18900	-28.5	74.1	181	11.1
18910	-31.2	74.0	181	4.2
18920	-26.6	74.0	181	-2.1
18930	-20.5	74.1	181	-6.9
18940	-16.8	74.2	181	-11.4
18950	-20.1	74.4	181	-15.9
18960	-26.2	74.6	181	-21.0
18970	-31.3	74.9	181	-33.2
18980	-31.9	75.3	180	-42.3
18990	-29.2	75.7	180	-52.1
19000	-26.8	76.2	179	-60.9
19010	-28.2	76.8	179	-63.0
19020	-33.0	77.5	178	-64.1
19030	-38.4	78.3	177	-88.1
19040	-40.0	79.2	176	-99.8
19050	-36.3	80.2	175	-112.0
19060	-29.4	81.3	174	-111.2
19070	-23.5	82.5	173	-119.8
19080	-22.4	83.7	172	-125.9
19090	-26.2	85.0	170	-132.5
19100	-31.6	86.4	169	-139.7
19110	-34.2	87.9	168	-148.8
19120	-33.2	89.4	166	-157.8
19130	-28.7	91.1	164	-166.9
19140	-25.5	92.8	163	-174.1
19150	-27.8	94.6	161	-176.2
19160	-35.5	96.3	159	-176.7
19170	-42.4	98.1	157	-177.5
19180	-43.3	99.9	156	-178.9
19190	-39.5	101.7	154	-178.9
19200	-35.0	103.5	152	-178.6
19210	-33.8	105.2	150	-178.9
19220	-37.2	107.0	148	-179.4
19230	-42.4	108.8	147	-179.7
19240	-45.3	110.6	145	-179.9
19250	-44.9	112.4	143	-179.9
19260	-41.2	114.2	141	-179.7
19270	-36.6	116.0	139	-179.1
19280	-33.5	117.8	138	-179.4
19290	-33.1	119.6	136	-179.1
19300	-35.5	121.4	134	-179.4
19310	-39.5	123.2	132	-180.2
19320	-42.4	125.0	130	-180.2
19330	-42.8	126.8	129	-180.2
19340	-40.5	128.6	127	-179.7
19350	-37.4	130.4	125	-179.7
19360	-35.9	132.2	123	-179.4
19370	-36.9	134.0	121	-179.4
19380	-38.2	135.8	120	-179.7

19390	-39.2	137.6	118	-179.7
19400	-39.2	139.4	116	-179.7
19410	-38.9	141.2	114	-179.7
19420	-39.2	143.0	112	-179.9
19430	-39.6	144.8	111	-179.9
19440	-39.3	146.6	109	-179.9
19450	-39.3	148.4	107	-179.4
19460	-39.7	150.2	105	-179.9
19470	-40.3	152.0	103	-179.9
19480	-40.1	153.8	102	-179.7
19490	-39.3	155.6	100	-179.9
19500	-37.7	157.4	98	-179.7
19510	-37.7	159.2	96	-179.1
19520	-38.9	161.0	94	-179.4
19530	-40.4	162.8	93	-179.9
19540	-40.7	164.6	91	-179.7
19550	-40.0	166.4	89	-179.7
19560	-38.5	168.1	87	-179.4
19570	-37.6	169.9	86	-179.1
19580	-36.2	171.7	84	-179.7
19590	-35.5	173.5	82	-179.4
19600	-35.4	175.3	80	-179.4
19610	-35.7	177.1	78	-179.7
19620	-35.7	178.9	77	-179.7
19630	-35.0	180.7	75	-179.4
19640	-33.5	182.5	73	-179.4
19650	-31.7	184.3	71	-179.4
19660	-30.8	186.1	69	-179.4
19670	-30.2	187.9	68	-179.4
19680	-29.2	189.7	66	-179.4
19690	-27.9	191.5	64	-179.4
19700	-26.8	193.3	62	-179.1
19710	-26.6	195.1	60	-179.4
19720	-26.8	196.9	59	-179.4
19730	-27.3	198.7	57	-179.4
19740	-26.3	200.5	55	-179.7
19750	-25.0	202.2	53	-179.4
19760	-23.7	204.0	51	-179.1
19770	-22.6	205.8	50	-179.1
19780	-21.2	207.6	48	-179.4
19790	-19.3	209.4	46	-179.4
19800	-17.2	211.2	44	-179.4
19810	-16.5	213.0	42	-179.1
19820	-16.5	214.8	41	-179.1
19830	-16.5	216.6	39	-179.4
19840	-15.5	218.4	37	-179.4
19850	-13.6	220.2	35	-179.1
19860	-11.3	222.0	33	-179.4
19870	-9.5	223.8	32	-179.4
19880	-8.1	225.6	30	-179.1
19890	-7.6	227.4	28	-179.1
19900	-3.5	229.1	26	-179.4
19910	-1.8	230.9	25	-178.9
19920	-3.5	232.7	23	-178.9

19930	-3.7	234.5	21	-179.1
19940	-4.5	236.3	19	-179.1
19950	-3.5	238.1	17	-179.9
19960	-2.2	239.9	16	-179.7
19970	-1.5	241.7	14	-179.1
19980	-1.4	243.5	12	-178.9
19990	-0.5	245.3	10	-178.6
20000	9.2	247.0	8	-175.7
20010	16.0	248.7	7	-166.6
20020	15.9	250.4	5	-161.0
20030	10.7	251.9	4	-156.2
20040	6.4	253.5	2	-153.0
20050	5.4	255.0	0	-150.1
20060	9.1	256.5	-1	-147.7
20070	15.1	257.9	-2	-143.7
20080	18.0	259.3	-4	-137.9
20090	15.9	260.6	-5	-139.5
20100	2.7	261.6	-6	-103.8
20110	-2.2	262.6	-7	-93.9
20120	-2.2	263.3	-8	-69.4
20130	-8.7	263.9	-8	-62.2
20140	-7.2	264.4	-9	-46.3
20150	0.9	264.8	-9	-33.0
20160	0.3	265.1	-10	-32.4
20170	11.8	265.3	-10	-23.6
20180	28.6	265.5	-10	-14.3
20190	34.3	265.6	-10	-6.9
20200	30.5	265.6	-10	1.8
20210	24.3	265.5	-10	6.6
20220	17.4	265.4	-10	12.2
20230	15.1	265.3	-10	18.9
20240	18.3	265.1	-10	23.6
20250	25.0	264.8	-9	29.5
20260	30.4	264.5	-9	37.2
20270	31.9	264.1	-9	46.5
20280	29.3	263.6	-8	55.3
20290	26.0	263.0	-8	65.2
20300	25.0	262.4	-7	66.2
20310	27.0	261.7	-6	66.0
20320	29.6	260.9	-5	72.6
20330	30.9	260.0	-5	79.8
20340	29.0	259.0	-4	97.1
20350	25.2	258.0	-3	105.4
20360	21.6	256.9	-1	112.0
20370	20.5	255.7	0	118.2
20380	22.1	254.5	1	123.7
20390	24.3	253.2	2	129.9
20400	25.5	251.9	4	136.5
20410	24.3	250.5	5	143.4
20420	20.1	249.0	6	149.6
20430	16.0	247.4	8	154.6
20440	14.1	245.9	10	158.9
20450	15.3	244.2	11	162.6
20460	17.6	242.6	13	166.3

20470	19.3	240.9	15	171.1
20480	18.3	239.1	16	175.9
20490	15.6	237.4	18	179.4
20500	14.5	235.6	20	179.4
20510	15.2	233.8	22	179.7
20520	17.1	232.0	23	179.7
20530	18.2	230.2	25	179.9
20540	17.6	228.4	27	179.9
20550	16.0	226.6	29	179.7
20560	14.0	224.8	31	179.4
20570	12.3	223.0	32	179.7
20580	11.3	221.2	34	179.4
20590	10.6	219.4	36	179.4
20600	10.0	217.6	38	179.4
20610	10.0	215.8	40	179.4
20620	11.8	214.0	41	179.7
20630	14.2	212.2	43	179.7
20640	12.7	210.4	45	179.7
20650	8.3	208.6	47	179.7
20660	2.0	206.8	49	179.1
20670	1.1	205.0	50	178.9
20680	1.8	203.3	52	178.6
20690	2.6	201.5	54	178.6
20700	7.3	199.7	56	178.6
20710	11.3	197.9	58	179.9
20720	10.0	196.1	59	179.9
20730	5.3	194.3	61	179.7
20740	1.4	192.5	63	179.4
20750	1.5	190.7	65	179.1
20760	1.6	188.9	67	178.6
20770	1.9	187.1	68	178.3
20780	2.4	185.3	70	177.8
20790	5.4	183.6	72	178.1
20800	7.9	181.8	74	179.1
20810	6.9	180.0	75	179.9
20820	6.5	178.2	77	179.9
20830	6.8	176.4	79	179.9
20840	8.1	174.6	81	179.9
20850	9.6	172.8	83	179.9
20860	10.4	171.0	84	180.2
20870	11.0	169.2	86	179.9
20880	11.4	167.4	88	179.9
20890	11.4	165.6	90	180.2
20900	12.1	163.8	92	179.9
20910	12.6	162.0	93	179.9
20920	13.8	160.2	95	180.2
20930	13.7	158.4	97	179.9
20940	13.2	156.6	99	179.9
20950	13.0	154.8	101	179.9
20960	13.3	153.0	102	179.7
20970	14.6	151.2	104	179.9
20980	15.3	149.4	106	179.9
20990	15.6	147.6	108	179.9
21000	15.6	145.8	110	179.9

21010	15.2	144.0	111	179.9
21020	15.3	142.2	113	179.7
21030	15.9	140.4	115	179.9
21040	15.7	138.6	117	179.9
21050	15.6	136.8	119	179.7
21060	15.5	135.0	120	179.7
21070	15.3	133.2	122	179.7
21080	14.8	131.4	124	179.7
21090	14.5	129.6	126	179.4
21100	14.4	127.8	128	179.9
21110	14.1	126.0	129	179.7
21120	14.1	124.2	131	179.9
21130	14.1	122.4	133	179.7
21140	13.2	120.6	135	179.7
21150	12.3	118.8	137	179.7
21160	11.3	117.0	138	179.7
21170	10.6	115.2	140	179.4
21180	9.5	113.4	142	179.4
21190	7.9	111.6	144	179.4
21200	6.4	109.8	146	179.4
21210	4.9	108.0	147	179.4
21220	4.1	106.2	149	179.4
21230	3.5	104.5	151	179.4
21240	2.2	102.7	153	179.4
21250	1.5	100.9	155	179.1
21260	1.5	99.1	156	178.9
21270	1.4	97.3	158	178.6
21280	0.9	95.5	160	178.3
21290	-2.6	93.7	162	177.3
21300	-10.2	92.0	163	173.5
21310	-12.5	90.3	165	169.3
21320	-10.0	88.6	167	164.7
21330	-5.7	87.0	168	161.3
21340	-4.6	85.4	170	158.9
21350	-7.2	83.8	172	156.5
21360	-11.8	82.3	173	153.3
21370	-15.3	80.8	175	148.5
21380	-14.1	79.4	176	154.9
21390	-3.7	78.2	177	116.3
21400	2.3	77.2	178	84.1
21410	10.8	76.4	179	75.3
21420	16.3	75.7	180	66.5
21430	10.3	75.3	180	48.1
21440	-1.2	74.9	181	37.2
21450	-16.7	74.6	181	28.4
21460	-30.0	74.3	181	18.1
21470	-32.7	74.2	181	12.7
21480	-31.9	74.1	181	1.8
21490	-28.9	74.2	181	-4.5
21500	-23.7	74.3	181	-12.5
21510	-20.5	74.4	181	-17.5
21520	-23.9	74.7	181	-21.2
21530	-31.6	74.9	181	-27.6
21540	-38.2	75.3	180	-36.4

21550	-38.9	75.8	180	-45.2
21560	-35.0	76.4	179	-54.8
21570	-30.9	77.1	178	-63.6
21580	-32.3	77.8	178	-71.3
21590	-39.3	78.7	177	-88.6
21600	-45.7	79.7	176	-109.4
21610	-46.4	80.8	175	-122.9
21620	-39.7	82.0	173	-124.3
21630	-29.6	83.3	172	-135.2
21640	-23.6	84.7	171	-142.9
21650	-24.7	86.2	169	-149.8
21660	-32.1	87.8	168	-156.8
21670	-38.1	89.4	166	-165.3
21680	-38.2	91.1	164	-175.9
21690	-36.7	92.9	163	-177.8
21700	-38.0	94.7	161	-178.3
21710	-42.2	96.5	159	-179.1
21720	-46.5	98.3	157	-179.4
21730	-47.2	100.1	155	-179.7
21740	-45.0	101.9	154	-179.7
21750	-40.7	103.7	152	-179.4
21760	-38.2	105.5	150	-179.1
21770	-38.6	107.2	148	-179.4
21780	-41.1	109.0	146	-179.4
21790	-43.4	110.8	145	-179.9
21800	-44.6	112.6	143	-179.9
21810	-44.2	114.4	141	-179.7
21820	-42.3	116.2	139	-179.7
21830	-39.5	118.0	137	-179.4
21840	-37.3	119.8	136	-179.1
21850	-36.1	121.6	134	-179.4
21860	-36.7	123.4	132	-179.4
21870	-38.9	125.2	130	-179.7
21880	-41.0	127.0	128	-179.7
21890	-41.9	128.8	127	-180.2
21900	-42.2	130.6	125	-179.4
21910	-42.0	132.4	123	-179.9
21920	-42.0	134.2	121	-179.9
21930	-41.6	136.0	119	-179.7
21940	-41.2	137.8	118	-179.7
21950	-41.1	139.6	116	-179.7
21960	-41.4	141.4	114	-179.9
21970	-42.3	143.2	112	-179.9
21980	-43.4	145.0	110	-179.9
21990	-43.4	146.8	109	-179.9
22000	-43.4	148.6	107	-179.7
22010	-43.3	150.4	105	-179.7
22020	-43.4	152.2	103	-179.7
22030	-42.7	154.0	101	-179.9
22040	-41.6	155.8	100	-179.7
22050	-40.4	157.6	98	-179.7
22060	-40.0	159.4	96	-179.4
22070	-41.0	161.2	94	-179.4
22080	-41.9	163.0	92	-179.9

22090	-42.3	164.8	91	-179.9
22100	-42.2	166.6	89	-179.7
22110	-41.5	168.4	87	-179.4
22120	-40.7	170.2	85	-179.1
22130	-39.5	172.0	83	-179.4
22140	-38.8	173.7	82	-179.7
22150	-38.0	175.5	80	-179.4
22160	-37.8	177.3	78	-179.7
22170	-37.8	179.1	76	-179.4
22180	-37.3	180.9	75	-179.7
22190	-36.1	182.7	73	-179.4
22200	-35.3	184.5	71	-179.4
22210	-34.6	186.3	69	-179.4
22220	-33.2	188.1	67	-179.1
22230	-31.9	189.9	66	-179.7
22240	-30.4	191.7	64	-179.4
22250	-29.2	193.5	62	-179.4
22260	-29.0	195.3	60	-179.4
22270	-29.2	197.1	58	-179.4
22280	-28.7	198.9	57	-179.4
22290	-27.5	200.7	55	-179.4
22300	-25.8	202.5	53	-179.4
22310	-24.5	204.3	51	-179.1
22320	-22.8	206.0	49	-179.4
22330	-21.3	207.8	48	-179.1
22340	-19.7	209.6	46	-179.4
22350	-18.2	211.4	44	-179.1
22360	-18.3	213.2	42	-179.4
22370	-19.0	215.0	40	-179.4
22380	-19.0	216.8	39	-179.7
22390	-17.8	218.6	37	-179.4
22400	-15.1	220.4	35	-179.1
22410	-12.6	222.2	33	-179.1
22420	-10.8	224.0	31	-179.4
22430	-9.4	225.8	30	-179.1
22440	-10.6	227.6	28	-179.4
22450	-0.5	229.4	26	-179.1
22460	-1.5	231.1	24	-178.9
22470	-0.9	232.9	23	-178.3
22480	-1.6	234.7	21	-178.1
22490	0.1	236.5	19	-174.6
22500	-2.4	238.2	17	-171.1
22510	-2.0	239.9	16	-170.9
22520	-1.9	241.6	14	-170.6
22530	-1.5	243.3	12	-170.3
22540	-0.8	245.0	10	-170.1
22550	3.4	246.7	9	-168.7
22560	10.2	248.4	7	-166.3
22570	14.8	250.0	5	-162.1
22580	15.2	251.6	4	-156.5
22590	12.5	253.1	2	-152.0
22600	8.4	254.6	1	-147.4
22610	6.0	256.1	-1	-144.8
22620	7.9	257.5	-2	-142.1

22630	11.4	258.9	-3	-138.9
22640	14.9	260.2	-5	-120.0
22650	8.0	261.4	-6	-120.3
22660	-2.3	262.3	-7	-90.7
22670	-1.5	263.1	-8	-81.1
22680	-6.1	263.7	-8	-60.4
22690	-7.1	264.2	-9	-53.7
22700	1.2	264.6	-9	-39.4
22710	0.8	265.0	-10	-28.2
22720	18.7	265.3	-10	-26.6
22730	38.1	265.4	-10	-14.6
22740	45.3	265.5	-10	-2.1
22750	41.1	265.4	-10	4.2
22760	30.5	265.3	-10	14.1
22770	19.0	265.1	-10	21.8
22780	15.6	264.8	-9	29.8
22790	21.6	264.5	-9	34.0
22800	31.6	264.2	-9	41.2
22810	38.4	263.7	-8	50.5
22820	37.6	263.2	-8	56.1
22830	31.1	262.6	-7	59.6
22840	24.0	261.8	-6	82.2
22850	22.2	261.0	-6	89.1
22860	25.9	260.2	-5	96.1
22870	31.3	259.2	-4	103.8
22880	33.6	258.2	-3	103.2
22890	29.8	257.1	-2	112.3
22900	22.6	255.9	0	120.8
22910	17.1	254.7	1	126.9
22920	16.4	253.4	2	131.5
22930	20.1	252.0	3	136.3
22940	24.7	250.6	5	141.6
22950	27.0	249.2	6	148.5
22960	23.9	247.6	8	155.4
22970	17.4	246.0	9	161.3
22980	12.1	244.4	11	166.1
22990	11.1	242.7	13	168.7
23000	14.0	241.0	14	171.7
23010	17.0	239.2	16	175.1
23020	17.6	237.5	18	179.1
23030	17.2	235.7	20	179.7
23040	16.4	233.9	22	179.9
23050	15.2	232.1	23	179.7
23060	14.1	230.3	25	179.7
23070	13.3	228.5	27	179.7
23080	13.6	226.7	29	179.4
23090	14.1	224.9	31	179.7
23100	13.3	223.1	32	179.7
23110	11.7	221.3	34	179.7
23120	10.3	219.5	36	179.1
23130	9.4	217.7	38	179.4
23140	9.2	215.9	40	179.4
23150	11.8	214.1	41	179.4
23160	14.1	212.3	43	179.7

23170	11.5	210.5	45	179.7
23180	4.2	208.7	47	179.1
23190	0.9	206.9	49	179.1
23200	1.5	205.2	50	178.6
23210	1.6	203.4	52	178.3
23220	1.9	201.6	54	178.1
23230	4.5	199.8	56	177.8
23240	9.1	198.0	57	177.8
23250	10.6	196.2	59	179.4
23260	7.9	194.4	61	179.1
23270	4.3	192.7	63	179.1
23280	2.7	190.9	65	179.1
23290	3.4	189.1	66	179.4
23300	6.4	187.3	68	179.7
23310	9.4	185.5	70	179.9
23320	11.0	183.7	72	179.9
23330	10.8	181.9	74	179.9
23340	8.4	180.1	75	179.7
23350	7.3	178.3	77	179.7
23360	8.0	176.5	79	179.7
23370	9.5	174.7	81	179.7
23380	11.1	172.9	83	179.7
23390	11.0	171.1	84	179.9
23400	10.2	169.3	86	179.9
23410	8.9	167.5	88	179.7
23420	8.4	165.7	90	179.7
23430	9.4	163.9	92	179.7
23440	10.4	162.1	93	179.7
23450	12.1	160.3	95	179.9
23460	12.3	158.5	97	179.9
23470	11.7	156.7	99	179.9
23480	11.3	154.9	101	179.7
23490	11.1	153.1	102	179.9
23500	11.9	151.3	104	179.9
23510	12.6	149.5	106	179.9
23520	12.9	147.7	108	179.9
23530	13.3	145.9	110	180.2
23540	13.3	144.1	111	179.7
23550	14.1	142.3	113	179.7
23560	14.8	140.5	115	179.9
23570	15.1	138.7	117	179.9
23580	14.9	136.9	119	179.9
23590	14.8	135.1	120	179.9
23600	14.8	133.3	122	179.9
23610	14.2	131.5	124	179.9
23620	13.7	129.7	126	179.7
23630	13.3	127.9	128	179.9
23640	12.6	126.1	129	179.7
23650	12.5	124.3	131	179.9
23660	12.3	122.5	133	179.7
23670	11.7	120.7	135	179.7
23680	11.3	118.9	137	179.7
23690	10.6	117.1	138	179.7
23700	10.6	115.3	140	179.4

23710	9.6	113.5	142	179.7
23720	8.5	111.8	144	179.4
23730	7.2	110.0	145	179.1
23740	6.1	108.2	147	179.4
23750	5.6	106.4	149	179.1
23760	5.0	104.6	151	179.4
23770	4.1	102.8	153	179.4
23780	2.8	101.0	154	179.1
23790	1.9	99.2	156	179.4
23800	1.6	97.4	158	178.9
23810	1.4	95.6	160	178.9
23820	1.2	93.8	162	178.1
23830	1.2	92.0	163	177.8
23840	0.7	90.3	165	176.7
23850	-5.0	88.5	167	174.9
23860	-12.9	86.8	169	171.7
23870	-15.2	85.1	170	166.9
23880	-12.5	83.5	172	162.1
23890	-7.5	81.9	174	158.1
23900	-6.1	80.3	175	155.2
23910	-5.0	78.9	177	128.5
23920	2.0	77.7	178	113.9
23930	1.8	76.8	179	79.8
23940	8.4	76.0	179	70.5
23950	9.5	75.4	180	49.5
23960	1.6	75.0	180	42.8
23970	-1.5	74.6	181	32.7
23980	-15.1	74.3	181	21.2
23990	-28.7	74.2	181	16.2
24000	-40.1	74.1	181	6.6
24010	-38.6	74.1	181	-1.8
24020	-29.6	74.1	181	-8.2
24030	-18.0	74.3	181	-15.1
24040	-14.2	74.5	181	-19.1
24050	-19.9	74.7	181	-22.8
24060	-30.9	75.0	180	-34.0
24070	-36.1	75.4	180	-43.3
24080	-33.9	75.9	180	-48.9
24090	-27.1	76.4	179	-52.4
24100	-22.9	77.1	178	-59.6
24110	-26.4	77.8	178	-65.4
24120	-35.4	78.5	177	-72.4
24130	-42.2	79.4	176	-81.1
24140	-40.5	80.5	175	-101.9
24150	-31.6	81.6	174	-112.8
24160	-21.6	82.8	173	-121.3
24170	-18.3	84.0	171	-127.2
24180	-23.2	85.3	170	-132.8
24190	-32.4	86.7	169	-139.2
24200	-37.7	88.2	167	-148.2
24210	-35.4	89.7	166	-158.4
24220	-27.8	91.4	164	-168.2
24230	-22.6	93.1	162	-175.1
24240	-26.2	94.9	161	-175.9

24250	-36.7	96.6	159	-176.7
24260	-45.8	98.4	157	-178.1
24270	-47.6	100.2	155	-179.1
24280	-42.7	102.0	153	-179.1
24290	-35.8	103.8	152	-178.6
24300	-32.8	105.6	150	-178.6
24310	-35.4	107.4	148	-179.1
24320	-41.5	109.2	146	-179.9
24330	-45.8	111.0	144	-179.9
24340	-46.5	112.8	143	-180.2
24350	-43.4	114.6	141	-179.9
24360	-38.4	116.4	139	-179.4
24370	-35.1	118.1	137	-179.1
24380	-35.0	119.9	136	-179.4
24390	-37.4	121.7	134	-179.4
24400	-41.4	123.5	132	-179.9
24410	-43.9	125.3	130	-180.2
24420	-43.5	127.1	128	-179.9
24430	-40.5	128.9	127	-179.9
24440	-36.7	130.7	125	-179.4
24450	-34.8	132.5	123	-179.4
24460	-35.4	134.3	121	-179.4
24470	-36.9	136.1	119	-179.7
24480	-38.4	137.9	118	-179.7
24490	-38.8	139.7	116	-179.7
24500	-38.4	141.5	114	-179.7
24510	-37.8	143.3	112	-179.7
24520	-37.0	145.1	110	-179.7
24530	-35.8	146.9	109	-179.7
24540	-35.4	148.7	107	-179.4
24550	-35.9	150.5	105	-179.7
24560	-37.0	152.3	103	-179.9
24570	-36.7	154.1	101	-179.7
24580	-35.7	155.9	100	-179.7
24590	-33.6	157.7	98	-179.7
24600	-32.3	159.5	96	-179.4
24610	-32.3	161.3	94	-179.4
24620	-32.8	163.1	92	-179.7
24630	-33.2	164.9	91	-179.7
24640	-33.0	166.6	89	-179.7
24650	-32.0	168.4	87	-179.7
24660	-30.9	170.2	85	-179.1
24670	-29.3	172.0	83	-179.4
24680	-28.6	173.8	82	-179.4
24690	-28.1	175.6	80	-179.4
24700	-27.9	177.4	78	-179.4
24710	-28.1	179.2	76	-179.7
24720	-27.8	181.0	74	-179.4
24730	-26.6	182.8	73	-179.4
24740	-25.6	184.6	71	-179.4
24750	-25.2	186.4	69	-179.4
24760	-24.7	188.2	67	-179.4
24770	-24.1	190.0	65	-179.7
24780	-23.5	191.8	64	-179.4

24790	-22.6	193.6	62	-178.9
24800	-22.5	195.4	60	-179.7
24810	-22.4	197.2	58	-179.4
24820	-21.7	199.0	56	-179.7
24830	-20.1	200.7	55	-179.7
24840	-18.6	202.5	53	-179.4
24850	-17.5	204.3	51	-179.1
24860	-16.7	206.1	49	-179.1
24870	-16.0	207.9	48	-179.4
24880	-14.9	209.7	46	-179.1
24890	-13.8	211.5	44	-179.4
24900	-14.0	213.3	42	-179.4
24910	-14.1	215.1	40	-179.4
24920	-14.0	216.9	39	-179.7
24930	-13.2	218.7	37	-179.4
24940	-11.0	220.5	35	-179.1
24950	-9.2	222.3	33	-179.1
24960	-8.0	224.1	31	-179.4
24970	-6.4	225.9	30	-179.1
24980	-5.7	227.6	28	-179.1
24990	-1.5	229.4	26	-179.4
25000	-1.6	231.2	24	-178.9
25010	-1.8	233.0	22	-178.9
25020	-1.9	234.8	21	-178.3
25030	-1.6	236.6	19	-177.8
25040	-1.6	238.4	17	-177.8
25050	-1.8	240.1	15	-173.5
25060	-1.5	241.8	14	-171.9
25070	-1.4	243.6	12	-171.4
25080	2.7	245.3	10	-170.6
25090	10.7	247.0	8	-167.9
25100	17.1	248.6	7	-163.4
25110	18.4	250.2	5	-157.8
25120	15.5	251.7	4	-151.7
25130	11.5	253.2	2	-146.9
25140	9.9	254.6	1	-142.4
25150	10.3	256.0	-1	-138.9
25160	12.9	257.4	-2	-134.7
25170	14.8	258.7	-3	-130.1
25180	13.4	260.0	-5	-124.8
25190	5.2	261.0	-6	-106.4
25200	-1.8	262.0	-7	-97.9
25210	-2.3	262.7	-7	-74.0
25220	-11.0	263.4	-8	-55.1
25230	-11.1	263.9	-8	-51.1
25240	-1.8	264.4	-9	-37.0
25250	0.5	264.7	-9	-36.7
25260	12.7	265.0	-10	-27.1
25270	32.8	265.2	-10	-16.7
25280	39.1	265.3	-10	-8.7
25290	32.8	265.3	-10	1.5
25300	22.9	265.3	-10	6.1
25310	13.7	265.2	-10	12.7
25320	10.7	265.0	-10	16.5

25330	14.6	264.9	-9	18.1
25340	23.3	264.7	-9	20.4
25350	31.3	264.4	-9	26.6
25360	33.6	264.0	-9	34.3
25370	29.8	263.6	-8	42.8
25380	24.1	263.0	-8	50.3
25390	21.7	262.4	-7	68.4
25400	24.1	261.7	-6	75.3
25410	28.9	261.0	-6	82.7
25420	31.7	260.2	-5	91.3
25430	30.2	259.3	-4	100.6
25440	24.7	258.3	-3	99.8
25450	19.0	257.3	-2	106.4
25460	16.8	256.2	-1	111.8
25470	19.8	255.0	0	116.6
25480	25.0	253.8	2	121.9
25490	28.1	252.5	3	128.8
25500	26.4	251.2	4	136.3
25510	21.4	249.8	6	143.4
25520	15.5	248.3	7	148.8
25530	12.2	246.8	9	152.5
25540	13.3	245.2	10	155.7
25550	16.8	243.6	12	159.2
25560	19.7	242.0	13	163.1
25570	19.3	240.3	15	167.9
25580	15.3	238.6	17	173.0
25590	11.1	236.9	19	176.5
25600	8.7	235.1	20	178.9
25610	10.0	233.3	22	179.1
25620	14.6	231.5	24	179.7
25630	18.0	229.7	26	179.9
25640	19.0	227.9	28	179.9
25650	17.2	226.1	29	179.9
25660	14.6	224.3	31	179.7
25670	12.1	222.5	33	179.7
25680	10.7	220.7	35	179.7
25690	10.6	218.9	37	179.4
25700	10.7	217.1	38	179.7
25710	10.4	215.3	40	179.4
25720	11.5	213.5	42	179.7
25730	13.6	211.7	44	179.7
25740	14.5	209.9	46	179.7
25750	12.2	208.1	47	179.7
25760	6.1	206.3	49	179.1
25770	1.4	204.5	51	179.1
25780	1.4	202.8	53	179.1
25790	2.3	201.0	54	178.6
25800	5.8	199.2	56	178.6
25810	10.2	197.4	58	179.7
25820	11.0	195.6	60	179.9
25830	8.0	193.8	62	179.7
25840	3.3	192.0	63	179.7
25850	1.6	190.2	65	179.4
25860	1.8	188.4	67	178.9

25870	3.7	186.6	69	178.6
25880	7.7	184.8	71	179.1
25890	10.6	183.0	72	180.2
25900	10.4	181.2	74	179.9
25910	8.1	179.4	76	179.7
25920	7.1	177.6	78	179.4
25930	8.0	175.8	80	179.7
25940	9.8	174.0	81	179.7
25950	11.7	172.2	83	179.9
25960	11.8	170.4	85	180.2
25970	11.7	168.6	87	179.9
25980	10.6	166.8	89	179.7
25990	10.4	165.0	90	179.7
26000	10.7	163.2	92	179.7
26010	11.9	161.5	94	179.9
26020	13.7	159.7	96	179.9
26030	14.6	157.8	98	180.2
26040	14.6	156.0	99	180.2
26050	14.4	154.2	101	179.9
26060	14.4	152.5	103	179.7
26070	14.6	150.7	105	179.9
26080	14.4	148.9	107	179.9
26090	14.8	147.1	108	179.9
26100	14.4	145.3	110	179.9
26110	14.4	143.5	112	179.7
26120	15.2	141.7	114	179.7
26130	15.7	139.9	116	179.7
26140	15.7	138.1	117	179.7
26150	15.6	136.3	119	179.9
26160	15.7	134.5	121	179.9
26170	16.3	132.7	123	179.9
26180	16.5	130.9	125	179.9
26190	16.4	129.1	126	179.9
26200	16.1	127.3	128	179.7
26210	15.3	125.5	130	179.9
26220	14.9	123.7	132	179.7
26230	13.7	121.9	134	179.7
26240	12.3	120.1	135	179.7
26250	12.1	118.3	137	179.4
26260	12.3	116.5	139	179.9
26270	12.7	114.7	141	179.7
26280	12.5	112.9	143	179.7
26290	11.9	111.1	144	179.7
26300	11.0	109.3	146	179.4
26310	9.8	107.5	148	179.4
26320	9.1	105.7	150	179.4
26330	7.9	103.9	152	179.4
26340	6.2	102.1	153	179.1
26350	5.0	100.3	155	179.4
26360	3.9	98.5	157	179.4
26370	3.4	96.7	159	179.4
26380	2.3	94.9	161	179.4
26390	1.5	93.1	162	179.1
26400	1.2	91.4	164	178.9

26410	1.2	89.6	166	178.6
26420	0.8	87.8	168	177.8
26430	-4.1	86.0	169	175.9
26440	-12.5	84.3	171	173.0
26450	-14.2	82.6	173	168.2
26460	-11.3	80.9	175	163.4
26470	-6.1	79.4	176	173.3
26480	2.2	78.1	177	129.3
26490	15.6	77.0	178	89.9
26500	34.4	76.1	179	79.0
26510	33.6	75.5	180	55.6
26520	18.3	75.0	180	47.6
26530	-0.8	74.6	181	34.8
26540	-15.1	74.3	181	28.7
26550	-28.1	74.1	181	18.3
26560	-28.7	74.0	181	11.7
26570	-25.6	73.9	182	2.6
26580	-20.3	73.9	182	-1.5
26590	-18.8	74.0	181	-6.1
26600	-21.0	74.1	181	-11.4
26610	-27.4	74.3	181	-17.0
26620	-31.2	74.5	181	-23.6
26630	-33.5	74.9	181	-38.6
26640	-33.5	75.3	180	-43.6
26650	-32.3	75.8	180	-47.3
26660	-31.3	76.4	179	-55.3
26670	-31.9	77.0	178	-63.3
26680	-34.0	77.8	178	-87.3
26690	-36.2	78.7	177	-97.4
26700	-36.7	79.7	176	-108.3
26710	-33.0	80.7	175	-119.2
26720	-26.2	81.9	174	-117.1
26730	-20.3	83.1	172	-124.3
26740	-18.8	84.4	171	-129.6
26750	-21.8	85.7	170	-134.9
26760	-27.9	87.1	168	-141.0
26770	-32.1	88.6	167	-148.8
26780	-32.5	90.1	165	-157.6
26790	-29.3	91.8	164	-166.3
26800	-25.6	93.5	162	-174.3
26810	-27.1	95.3	160	-176.2
26820	-33.9	97.0	158	-176.5
26830	-40.1	98.8	157	-177.5
26840	-41.9	100.6	155	-178.9
26850	-39.3	102.4	153	-178.9
26860	-34.7	104.2	151	-178.9
26870	-33.2	106.0	149	-178.9
26880	-35.4	107.7	148	-179.1
26890	-40.0	109.5	146	-179.7
26900	-43.3	111.3	144	-179.7
26910	-43.9	113.1	142	-179.9
26920	-41.6	114.9	141	-179.7
26930	-37.7	116.7	139	-179.7
26940	-35.1	118.5	137	-179.4

26950	-34.8	120.3	135	-179.4
26960	-36.9	122.1	133	-179.4
26970	-41.1	123.9	132	-179.7
26980	-44.7	125.7	130	-180.4
26990	-46.0	127.5	128	-180.2
27000	-44.6	129.3	126	-180.2
27010	-42.2	131.1	124	-179.7
27020	-40.7	132.9	123	-179.7
27030	-40.7	134.7	121	-179.4
27040	-41.6	136.5	119	-179.7
27050	-43.3	138.3	117	-179.7
27060	-44.5	140.1	115	-179.7
27070	-44.9	141.9	114	-180.2
27080	-45.0	143.7	112	-179.9
27090	-43.9	145.5	110	-179.7
27100	-42.4	147.3	108	-179.7
27110	-41.6	149.1	106	-179.4
27120	-41.6	150.9	105	-179.4
27130	-42.0	152.7	103	-179.9
27140	-41.9	154.5	101	-179.7
27150	-41.1	156.3	99	-179.4
27160	-39.7	158.1	97	-179.4
27170	-38.8	159.9	96	-179.4
27180	-39.1	161.7	94	-179.4
27190	-38.9	163.5	92	-179.7
27200	-38.6	165.3	90	-179.7
27210	-38.2	167.1	88	-179.1
27220	-37.4	168.8	87	-179.1
27230	-36.6	170.6	85	-179.4
27240	-35.3	172.4	83	-179.4
27250	-34.4	174.2	81	-179.4
27260	-33.6	176.0	79	-179.4
27270	-33.5	177.8	78	-179.4
27280	-33.8	179.6	76	-179.4
27290	-34.3	181.4	74	-179.7
27300	-34.4	183.2	72	-179.7
27310	-34.6	185.0	70	-179.4
27320	-34.4	186.8	69	-179.7
27330	-33.1	188.6	67	-179.7
27340	-31.7	190.4	65	-179.7
27350	-30.5	192.2	63	-179.4
27360	-30.1	194.0	61	-179.1
27370	-30.6	195.8	60	-179.7
27380	-31.6	197.6	58	-179.7
27390	-32.5	199.4	56	-179.7
27400	-32.0	201.2	54	-179.7
27410	-31.2	203.0	52	-179.4
27420	-29.6	204.8	51	-179.4
27430	-27.4	206.6	49	-179.7
27440	-25.2	208.3	47	-179.7
27450	-22.8	210.1	45	-179.4
27460	-21.4	211.9	44	-179.1
27470	-20.9	213.7	42	-179.4
27480	-21.2	215.5	40	-179.4

27490	-20.9	217.3	38	-179.4
27500	-19.5	219.1	36	-179.4
27510	-17.0	220.9	35	-179.1
27520	-15.2	222.7	33	-179.1
27530	-13.6	224.5	31	-179.4
27540	-21.3	226.3	29	-179.4
27550	0.1	228.1	27	-178.3
27560	25.2	229.8	26	-172.5
27570	33.8	231.5	24	-161.3
27580	16.4	233.0	22	-153.6
27590	-2.6	234.5	21	-151.7
27600	-18.3	236.1	19	-152.5
27610	-28.3	237.6	18	-156.0
27620	-26.4	239.2	16	-161.8
27630	-12.5	240.9	15	-167.9
27640	-0.9	242.6	13	-170.3
27650	0.4	244.3	11	-169.8
27660	11.7	246.0	9	-167.4
27670	13.8	247.6	8	-162.3
27680	6.9	249.2	6	-157.6
27690	-1.6	250.7	5	-156.0
27700	-2.0	252.3	3	-155.4
27710	-1.5	253.9	2	-155.2
27720	-0.1	255.4	0	-154.6
27730	6.8	256.9	-1	-153.3
27740	13.0	258.4	-3	-149.8
27750	11.9	259.9	-4	-145.0
27760	0.5	261.2	-6	-125.3
27770	-3.1	262.2	-7	-90.5
27780	-20.9	263.1	-8	-82.2
27790	-36.1	263.8	-8	-66.5
27800	-36.3	264.4	-9	-53.7
27810	-19.7	264.8	-9	-45.7
27820	-1.8	265.2	-10	-31.9
27830	1.1	265.4	-10	-22.0
27840	13.0	265.6	-10	-19.9
27850	24.1	265.8	-10	-11.4
27860	27.7	265.8	-10	-3.4
27870	21.4	265.8	-10	0.5
27880	16.0	265.8	-10	3.9
27890	12.1	265.7	-10	7.7
27900	15.1	265.6	-10	10.3
27910	21.2	265.5	-10	14.1
27920	25.9	265.3	-10	22.8
27930	25.8	265.0	-10	30.8
27940	22.8	264.6	-9	38.8
27950	19.8	264.3	-9	41.5
27960	19.5	263.8	-8	47.1
27970	22.5	263.3	-8	47.1
27980	26.4	262.7	-7	52.7
27990	28.6	262.1	-7	59.6
28000	27.3	261.4	-6	66.5
28010	23.2	260.6	-5	73.2
28020	19.0	259.7	-4	78.5

28030	17.4	258.8	-3	92.3
28040	19.1	257.8	-2	97.1
28050	22.1	256.8	-1	102.4
28060	24.3	255.7	0	108.6
28070	24.0	254.6	1	115.2
28080	21.3	253.4	2	121.6
28090	17.5	252.1	3	127.7
28100	15.7	250.8	5	132.3
28110	16.3	249.5	6	136.3
28120	18.3	248.1	7	140.8
28130	18.7	246.6	9	145.6
28140	17.9	245.1	10	150.4
28150	16.0	243.6	12	154.9
28160	14.2	242.0	13	158.9
28170	13.4	240.4	15	162.3
28180	13.7	238.7	17	165.5
28190	14.2	237.1	18	169.0
28200	14.0	235.3	20	172.2
28210	12.5	233.6	22	175.4
28220	11.0	231.8	24	178.3
28230	10.3	230.0	25	179.4
28240	11.4	228.2	27	179.7
28250	13.3	226.4	29	179.4
28260	15.2	224.6	31	179.9
28270	15.6	222.8	33	179.9
28280	13.7	221.0	34	179.7
28290	11.4	219.3	36	179.4
28300	8.8	217.5	38	179.4
28310	7.1	215.7	40	179.1
28320	8.1	213.9	42	179.4
28330	11.1	212.1	43	179.4
28340	14.4	210.3	45	180.2
28350	14.4	208.5	47	179.9
28360	9.1	206.7	49	179.9
28370	1.6	204.9	51	179.4
28380	1.2	203.1	52	178.9
28390	1.5	201.3	54	178.6
28400	1.8	199.5	56	178.1
28410	2.0	197.7	58	177.5
28420	7.2	196.0	59	176.7
28430	13.0	194.2	61	178.1
28440	12.5	192.4	63	179.7
28450	7.9	190.6	65	179.4
28460	3.7	188.8	67	179.1
28470	2.6	187.0	68	178.9
28480	4.5	185.2	70	179.4
28490	8.0	183.4	72	179.7
28500	11.1	181.6	74	179.9
28510	11.1	179.8	76	179.9
28520	10.2	178.0	77	179.9
28530	9.1	176.2	79	179.9
28540	8.8	174.4	81	179.9
28550	9.5	172.6	83	179.9
28560	10.0	170.8	85	180.2

28570	11.4	169.1	86	179.9
28580	12.2	167.3	88	179.9
28590	12.5	165.5	90	179.9
28600	12.3	163.7	92	179.9
28610	12.2	161.9	94	179.9
28620	13.0	160.1	95	179.9
28630	12.9	158.3	97	179.9
28640	12.2	156.5	99	179.9
28650	11.5	154.7	101	179.9
28660	11.4	152.9	103	179.9
28670	11.9	151.1	104	179.7
28680	12.3	149.3	106	179.9
28690	12.7	147.5	108	179.9
28700	12.7	145.7	110	179.9
28710	12.6	143.9	112	179.7
28720	13.0	142.1	113	179.7
28730	13.4	140.3	115	179.7
28740	13.4	138.5	117	179.9
28750	13.6	136.7	119	179.9
28760	14.4	134.9	121	179.9
28770	14.6	133.1	122	179.9
28780	14.0	131.3	124	179.9
28790	12.9	129.5	126	179.7
28800	12.1	127.7	128	179.9
28810	11.3	125.9	130	179.4
28820	11.4	124.1	131	179.7
28830	11.7	122.3	133	179.9
28840	11.4	120.5	135	179.7
28850	10.4	118.7	137	179.7
28860	9.4	116.9	139	179.4
28870	8.3	115.1	140	179.7
28880	7.1	113.3	142	179.4
28890	6.0	111.5	144	179.4
28900	5.3	109.7	146	179.1
28910	4.3	107.9	148	179.4
28920	4.1	106.1	149	179.4
28930	3.4	104.3	151	179.4
28940	2.0	102.5	153	179.4
28950	1.5	100.7	155	179.1
28960	1.4	99.0	156	178.6
28970	1.4	97.2	158	178.6
28980	1.2	95.4	160	177.8
28990	0.3	93.6	162	176.7
29000	-5.3	91.9	164	174.6
29010	-9.6	90.1	165	171.7
29020	-9.5	88.4	167	167.9
29030	-5.7	86.8	169	164.7
29040	-3.3	85.2	170	162.9
29050	-3.8	83.5	172	160.7
29060	-7.6	81.9	174	158.9
29070	-11.3	80.4	175	155.4
29080	-10.2	79.0	176	128.3
29090	2.6	77.7	178	125.3
29100	3.5	76.8	179	80.9

29110	13.7	76.0	179	71.8
29120	12.3	75.4	180	50.8
29130	1.2	75.0	180	44.1
29140	-2.3	74.6	181	33.5
29150	-17.1	74.3	181	26.6
29160	-29.4	74.1	181	16.5
29170	-41.6	74.1	181	6.1
29180	-38.0	74.1	181	-1.8
29190	-28.3	74.1	181	-8.2
29200	-20.7	74.3	181	-13.8
29210	-22.8	74.5	181	-20.2
29220	-31.9	74.7	181	-28.7
29230	-38.4	75.0	180	-33.8
29240	-38.5	75.4	180	-39.4
29250	-32.7	75.9	180	-53.7
29260	-25.2	76.5	179	-56.7
29270	-23.1	77.2	178	-62.8
29280	-28.7	78.0	177	-68.4
29290	-38.2	78.8	177	-77.2
29300	-43.0	79.7	176	-85.7
29310	-38.8	80.8	175	-107.0
29320	-27.8	82.0	173	-117.6
29330	-18.6	83.2	172	-125.1
29340	-17.6	84.5	171	-130.1
29350	-24.3	85.8	170	-135.2
29360	-33.0	87.2	168	-142.1
29370	-35.7	88.7	167	-151.4
29380	-31.7	90.3	165	-161.0
29390	-23.7	92.0	163	-169.3
29400	-20.2	93.7	162	-175.1
29410	-26.0	95.5	160	-175.9
29420	-38.0	97.2	158	-177.0
29430	-46.0	99.0	156	-178.3
29440	-45.2	100.8	155	-179.1
29450	-38.8	102.6	153	-179.1
29460	-31.9	104.4	151	-178.6
29470	-30.4	106.2	149	-178.6
29480	-35.8	108.0	147	-179.1
29490	-42.6	109.8	146	-179.7
29500	-46.9	111.6	144	-180.2
29510	-46.8	113.4	142	-179.9
29520	-42.2	115.2	140	-179.9
29530	-37.0	117.0	138	-179.4
29540	-33.9	118.8	137	-179.4
29550	-34.3	120.5	135	-179.7
29560	-38.1	122.3	133	-179.7
29570	-42.3	124.1	131	-179.9
29580	-44.9	125.9	130	-180.4
29590	-43.8	127.7	128	-180.2
29600	-40.7	129.5	126	-179.7
29610	-38.2	131.3	124	-179.4
29620	-38.2	133.1	122	-179.7
29630	-40.0	134.9	121	-179.7
29640	-42.2	136.7	119	-179.9

29650	-42.8	138.5	117	-179.9
29660	-42.3	140.3	115	-179.9
29670	-41.1	142.1	113	-179.9
29680	-40.7	143.9	112	-179.9
29690	-40.3	145.7	110	-179.4
29700	-40.3	147.5	108	-179.9
29710	-41.5	149.3	106	-179.9
29720	-42.4	151.1	104	-179.7
29730	-42.7	152.9	103	-180.2
29740	-41.9	154.7	101	-179.9
29750	-39.9	156.5	99	-179.7
29760	-38.1	158.3	97	-179.4
29770	-38.1	160.1	95	-179.7
29780	-39.3	161.9	94	-179.4
29790	-40.1	163.7	92	-179.7
29800	-40.3	165.5	90	-179.9
29810	-39.2	167.3	88	-179.4
29820	-37.7	169.1	86	-179.1
29830	-36.2	170.9	85	-179.4
29840	-35.0	172.7	83	-179.4
29850	-34.3	174.5	81	-179.7
29860	-34.3	176.3	79	-179.7
29870	-34.0	178.1	77	-179.7
29880	-33.4	179.8	76	-179.7
29890	-32.3	181.6	74	-179.7
29900	-30.6	183.4	72	-179.4
29910	-29.3	185.2	70	-179.4
29920	-28.2	187.0	68	-179.4
29930	-26.4	188.8	67	-179.4
29940	-24.7	190.6	65	-179.4
29950	-23.3	192.4	63	-179.4
29960	-22.6	194.2	61	-179.1
29970	-22.8	196.0	59	-179.1
29980	-23.1	197.8	58	-179.7
29990	-22.4	199.6	56	-179.7
30000	-20.5	201.4	54	-179.4
30010	-18.7	203.2	52	-179.4
30020	-17.0	205.0	50	-179.1
30030	-15.1	206.8	49	-178.9
30040	-13.2	208.5	47	-179.4
30050	-11.7	210.3	45	-179.1
30060	-11.0	212.1	43	-179.1
30070	-11.1	213.9	42	-179.4
30080	-11.5	215.7	40	-179.7
30090	-11.1	217.5	38	-179.4
30100	-9.4	219.3	36	-179.7
30110	-7.6	221.1	34	-179.4
30120	-6.4	222.9	33	-179.1
30130	-6.0	224.7	31	-179.1
30140	-5.7	226.5	29	-179.4
30150	-5.2	228.3	27	-179.4
30160	-4.6	230.1	25	-179.4
30170	-4.6	231.9	24	-179.9
30180	-4.2	233.7	22	-179.4

30190	-2.7	235.5	20	-179.4
30200	-1.5	237.2	18	-179.4
30210	-1.5	239.0	16	-178.9
30220	-1.5	240.8	15	-178.3
30230	0.4	242.6	13	-178.1
30240	5.6	244.4	11	-172.2
30250	8.8	246.0	9	-167.7
30260	11.0	247.7	8	-163.7
30270	11.0	249.3	6	-159.7
30280	10.6	250.9	5	-155.7
30290	11.4	252.4	3	-151.4
30300	14.0	253.9	2	-146.9
30310	15.5	255.3	0	-141.8
30320	16.8	256.7	-1	-136.3
30330	16.8	258.0	-3	-130.7
30340	17.2	259.3	-4	-124.8
30350	17.4	260.4	-5	-105.4
30360	11.4	261.4	-6	-85.1
30370	4.6	262.3	-7	-87.5
30380	4.1	262.9	-7	-67.0
30390	9.8	263.5	-8	-49.5
30400	19.1	264.0	-9	-48.4
30410	27.8	264.4	-9	-34.8
30420	32.5	264.6	-9	-23.1
30430	31.6	264.8	-9	-18.1
30440	26.7	264.9	-9	-7.9
30450	21.4	265.0	-10	-1.3
30460	21.7	264.9	-9	0.7
30470	25.5	264.9	-9	6.1
30480	27.7	264.8	-9	15.1
30490	27.4	264.6	-9	21.0
30500	24.5	264.3	-9	26.0
30510	21.7	264.0	-9	32.2
30520	20.7	263.6	-8	38.3
30530	22.4	263.1	-8	43.1
30540	25.8	262.6	-7	48.4
30550	28.1	262.0	-7	55.1
30560	27.5	261.3	-6	62.0
30570	24.1	260.6	-5	68.4
30580	20.9	259.8	-4	74.2
30590	19.7	258.9	-3	88.3
30600	20.9	257.9	-2	93.7
30610	23.2	257.0	-2	99.5
30620	24.8	255.9	0	106.2
30630	23.9	254.8	1	112.8
30640	20.9	253.6	2	119.2
30650	16.8	252.4	3	125.1
30660	15.1	251.1	4	129.6
30670	16.1	249.8	6	133.6
30680	18.2	248.4	7	137.6
30690	20.1	247.0	8	142.6
30700	19.8	245.5	10	147.7
30710	17.0	244.0	11	152.8
30720	13.7	242.5	13	156.8

30730	12.7	240.9	15	160.5
30740	13.2	239.2	16	163.4
30750	14.2	237.6	18	166.3
30760	14.5	235.9	20	170.1
30770	13.0	234.2	21	173.3
30780	11.0	232.4	23	176.5
30790	9.2	230.6	25	179.1
30800	9.1	228.8	27	179.1
30810	11.0	227.0	28	179.7
30820	13.8	225.2	30	179.7
30830	15.2	223.4	32	179.7
30840	14.6	221.6	34	179.7
30850	12.1	219.8	36	179.9
30860	9.8	218.0	37	179.7
30870	7.9	216.3	39	179.4
30880	8.0	214.5	41	179.4
30890	8.4	212.7	43	179.7
30900	9.2	210.9	45	179.4
30910	11.8	209.1	46	179.7
30920	14.2	207.3	48	179.7
30930	12.7	205.5	50	179.9
30940	6.9	203.7	52	179.4
30950	1.6	201.9	54	179.1
30960	1.4	200.1	55	178.9
30970	2.0	198.3	57	178.6
30980	5.6	196.5	59	178.3
30990	12.2	194.7	61	179.7
31000	15.9	192.9	63	180.2
31010	14.6	191.1	64	180.2
31020	9.8	189.3	66	179.7
31030	4.9	187.5	68	179.4
31040	3.3	185.7	70	179.1
31050	4.9	183.9	72	179.4
31060	8.1	182.2	73	179.7
31070	10.4	180.4	75	179.7
31080	11.5	178.6	77	180.2
31090	11.9	176.8	79	179.9
31100	11.3	175.0	80	179.9
31110	10.8	173.2	82	179.7
31120	10.7	171.4	84	179.9
31130	11.5	169.6	86	179.7
31140	12.6	167.8	88	179.9
31150	13.4	166.0	89	179.9
31160	12.9	164.2	91	179.9
31170	11.9	162.4	93	179.7
31180	11.4	160.6	95	179.9
31190	11.0	158.8	97	179.7
31200	11.4	157.0	98	179.7
31210	13.3	155.2	100	179.7
31220	15.3	153.4	102	179.9
31230	17.0	151.6	104	179.9
31240	17.0	149.8	106	179.9
31250	16.3	148.0	107	179.9
31260	15.2	146.2	109	179.9

31270	14.9	144.4	111	179.9
31280	16.0	142.6	113	179.9
31290	17.0	140.8	115	179.9
31300	17.2	139.0	116	179.9
31310	16.8	137.2	118	179.7
31320	16.3	135.4	120	179.9
31330	16.3	133.6	122	179.9
31340	16.0	131.8	124	179.9
31350	16.4	130.0	125	179.7
31360	16.7	128.2	127	179.9
31370	15.9	126.4	129	180.2
31380	15.3	124.6	131	179.7
31390	14.4	122.8	133	179.7
31400	13.2	121.0	134	179.7
31410	11.9	119.2	136	179.7
31420	11.3	117.4	138	179.4
31430	11.1	115.6	140	179.7
31440	10.8	113.8	142	179.7
31450	10.0	112.0	143	179.4
31460	8.8	110.2	145	179.4
31470	6.9	108.4	147	179.1
31480	5.7	106.6	149	179.4
31490	5.2	104.8	151	179.1
31500	4.6	103.0	152	179.4
31510	4.1	101.3	154	179.4
31520	3.5	99.5	156	179.1
31530	2.8	97.7	158	179.4
31540	1.8	95.9	160	179.4
31550	1.2	94.1	161	178.9
31560	1.2	92.3	163	178.6
31570	1.1	90.5	165	178.1
31580	-3.7	88.7	167	176.7
31590	-11.8	87.0	168	173.3
31600	-15.1	85.3	170	168.7
31610	-12.5	83.6	172	163.7
31620	-6.5	82.0	173	159.7
31630	-3.5	80.5	175	157.3
31640	-2.6	79.0	176	160.5
31650	1.8	77.7	178	128.5
31660	7.2	76.8	179	91.8
31670	23.7	76.0	179	65.2
31680	25.8	75.4	180	57.7
31690	15.5	74.9	181	44.7
31700	-1.8	74.6	181	30.0
31710	-4.3	74.3	181	25.5
31720	-21.0	74.1	181	19.7
31730	-25.6	74.0	181	10.6
31740	-27.7	73.9	182	2.1
31750	-23.2	73.9	182	-2.3
31760	-19.7	74.0	181	-7.4
31770	-18.2	74.1	181	-12.2
31780	-22.9	74.3	181	-17.0
31790	-27.3	74.5	181	-22.3
31800	-31.3	74.8	181	-29.2

31810	-34.3	75.2	180	-44.9
31820	-34.7	75.7	180	-55.3
31830	-33.6	76.3	179	-66.0
31840	-33.2	77.0	178	-76.6
31850	-35.0	77.7	178	-86.7
31860	-37.7	78.6	177	-97.1
31870	-38.9	79.6	176	-108.8
31880	-36.1	80.6	175	-120.5
31890	-30.2	81.8	174	-119.2
31900	-25.0	83.1	172	-127.5
31910	-23.5	84.4	171	-134.4
31920	-26.3	85.8	170	-140.8
31930	-32.3	87.2	168	-148.2
31940	-35.7	88.8	167	-157.3
31950	-35.5	90.4	165	-167.1
31960	-31.9	92.2	163	-175.7
31970	-31.7	93.9	162	-177.0
31980	-37.3	95.7	160	-176.7
31990	-43.1	97.5	158	-177.8
32000	-45.4	99.3	156	-179.1
32010	-43.4	101.1	154	-179.4
32020	-39.5	102.9	153	-179.1
32030	-37.6	104.7	151	-179.1
32040	-39.2	106.4	149	-179.4
32050	-43.3	108.2	147	-179.9
32060	-46.4	110.0	145	-179.9
32070	-47.1	111.8	144	-180.2
32080	-45.4	113.6	142	-179.7
32090	-42.7	115.4	140	-179.7
32100	-40.0	117.2	138	-179.7
32110	-38.9	119.0	136	-179.1
32120	-39.7	120.8	135	-179.4
32130	-41.9	122.6	133	-179.7
32140	-44.7	124.4	131	-179.7
32150	-46.1	126.2	129	-180.2
32160	-45.4	128.0	127	-179.9
32170	-43.0	129.8	126	-179.9
32180	-40.7	131.6	124	-179.7
32190	-40.0	133.4	122	-179.4
32200	-40.5	135.2	120	-179.4
32210	-41.6	137.0	118	-179.7
32220	-42.8	138.8	117	-179.7
32230	-43.9	140.6	115	-179.9
32240	-44.6	142.4	113	-179.9
32250	-45.3	144.2	111	-179.9
32260	-45.0	146.0	109	-179.9
32270	-44.7	147.8	108	-179.9
32280	-44.6	149.6	106	-179.7
32290	-45.3	151.4	104	-179.9
32300	-45.3	153.2	102	-179.9
32310	-44.3	155.0	100	-179.9
32320	-42.4	156.8	99	-179.4
32330	-40.5	158.6	97	-179.1
32340	-40.4	160.4	95	-179.7

32350	-41.2	162.2	93	-179.4
32360	-41.5	164.0	91	-179.7
32370	-41.8	165.8	90	-179.7
32380	-41.0	167.6	88	-179.4
32390	-39.9	169.4	86	-179.1
32400	-38.5	171.1	84	-179.4
32410	-37.0	172.9	83	-179.4
32420	-35.9	174.7	81	-179.4
32430	-36.1	176.5	79	-179.4
32440	-36.2	178.3	77	-179.7
32450	-36.6	180.1	75	-179.4
32460	-36.5	181.9	74	-179.7
32470	-35.8	183.7	72	-179.4
32480	-34.8	185.5	70	-179.1
32490	-33.6	187.3	68	-179.4
32500	-31.9	189.1	66	-179.7
32510	-30.2	190.9	65	-179.1
32520	-28.7	192.7	63	-179.4
32530	-28.1	194.5	61	-179.1
32540	-27.9	196.3	59	-179.1
32550	-28.1	198.1	57	-179.4
32560	-27.1	199.9	56	-179.4
32570	-25.5	201.7	54	-179.4
32580	-24.1	203.4	52	-179.4
32590	-22.6	205.2	50	-179.1
32600	-20.9	207.0	48	-179.4
32610	-19.3	208.8	47	-179.1
32620	-18.0	210.6	45	-179.4
32630	-17.5	212.4	43	-179.1
32640	-17.9	214.2	41	-179.7
32650	-18.4	216.0	39	-179.7
32660	-17.6	217.8	38	-179.4
32670	-15.7	219.6	36	-179.4
32680	-13.3	221.4	34	-179.4
32690	-11.7	223.2	32	-179.1
32700	-10.2	225.0	30	-179.1
32710	-14.2	226.8	29	-179.7
32720	-0.7	228.6	27	-178.9
32730	16.8	230.3	25	-177.3
32740	22.8	232.0	23	-167.9
32750	9.9	233.7	22	-161.8
32760	-4.3	235.3	20	-159.2
32770	-3.1	236.9	19	-158.9
32780	-9.6	238.4	17	-159.4
32790	-19.1	240.1	15	-162.3
32800	-17.0	241.7	14	-167.1
32810	-3.9	243.4	12	-170.3
32820	-0.8	245.1	10	-170.6
32830	6.1	246.8	9	-169.8
32840	15.1	248.5	7	-165.8
32850	12.7	250.1	5	-160.7
32860	3.4	251.7	4	-157.0
32870	-2.4	253.3	2	-155.7
32880	-2.0	254.8	1	-155.2

32890	-1.2	256.4	-1	-155.4
32900	2.7	257.9	-2	-154.4
32910	10.7	259.4	-4	-152.0
32920	11.0	260.9	-5	-152.5
32930	-4.1	262.0	-7	-110.7
32940	-11.7	263.0	-8	-96.9
32950	-30.6	263.7	-8	-71.3
32960	-35.1	264.3	-9	-62.8
32970	-25.4	264.8	-9	-44.7
32980	-5.0	265.1	-10	-37.0
32990	0.9	265.4	-10	-25.2
33000	15.5	265.6	-10	-17.0
33010	32.7	265.8	-10	-12.7
33020	38.6	265.8	-10	-2.3
33030	31.3	265.8	-10	2.3
33040	21.4	265.7	-10	9.0
33050	14.0	265.6	-10	13.8
33060	14.1	265.4	-10	21.0
33070	18.0	265.2	-10	23.1
33080	23.3	264.9	-9	25.5
33090	25.8	264.5	-9	31.6
33100	24.8	264.1	-9	38.6
33110	22.0	263.7	-8	44.7
33120	20.6	263.1	-8	50.3
33130	22.6	262.5	-7	67.6
33140	26.6	261.8	-6	75.0
33150	29.4	261.1	-6	82.7
33160	28.7	260.3	-5	91.8
33170	25.2	259.4	-4	100.0
33180	20.6	258.4	-3	97.7
33190	17.6	257.4	-2	103.2
33200	18.2	256.3	-1	108.3
33210	20.5	255.2	0	113.4
33220	22.8	254.0	1	119.0
33230	22.8	252.8	3	125.1
33240	20.3	251.5	4	131.2
33250	17.0	250.1	5	136.5
33260	13.8	248.7	7	140.8
33270	13.0	247.3	8	144.2
33280	14.2	245.8	10	147.7
33290	16.0	244.3	11	151.2
33300	16.3	242.8	13	155.2
33310	14.6	241.2	14	159.4
33320	12.3	239.6	16	162.6
33330	9.9	238.0	17	165.5
33340	9.1	236.3	19	167.7
33350	9.4	234.6	21	169.8
33360	10.3	232.9	23	171.9
33370	10.8	231.1	24	174.3
33380	9.9	229.4	26	176.5
33390	7.7	227.6	28	178.6
33400	6.6	225.8	30	179.1
33410	7.1	224.0	31	179.1
33420	8.3	222.2	33	179.7

33430	9.9	220.4	35	179.7
33440	10.6	218.6	37	179.7
33450	10.3	216.8	39	179.7
33460	9.5	215.0	40	179.7
33470	9.8	213.2	42	179.7
33480	10.4	211.4	44	179.7
33490	11.0	209.6	46	179.7
33500	10.4	207.8	48	179.7
33510	7.1	206.0	49	179.7
33520	1.9	204.2	51	179.1
33530	1.2	202.5	53	179.1
33540	1.8	200.7	55	178.6
33550	2.6	198.9	57	178.3
33560	6.4	197.1	58	178.6
33570	10.4	195.3	60	179.7
33580	10.2	193.5	62	179.9
33590	7.1	191.7	64	179.7
33600	3.1	189.9	66	179.7
33610	1.8	188.1	67	179.1
33620	2.7	186.3	69	178.9
33630	5.7	184.5	71	179.1
33640	9.2	182.7	73	179.9
33650	9.9	180.9	75	179.9
33660	8.7	179.1	76	179.9
33670	7.6	177.3	78	179.9
33680	7.1	175.5	80	179.7
33690	7.3	173.7	82	179.9
33700	8.1	171.9	84	179.9
33710	8.7	170.1	85	179.9
33720	10.0	168.3	87	179.9
33730	10.0	166.5	89	179.9
33740	10.6	164.7	91	179.9
33750	10.7	162.9	93	179.9
33760	11.3	161.1	94	179.9
33770	11.9	159.3	96	179.9
33780	12.2	157.5	98	179.9
33790	12.3	155.7	100	179.9
33800	12.6	153.9	102	179.9
33810	13.2	152.1	103	179.9
33820	13.7	150.4	105	179.9
33830	13.3	148.6	107	179.9
33840	13.0	146.8	109	179.9
33850	12.1	145.0	110	179.9
33860	12.1	143.2	112	179.7
33870	12.7	141.4	114	179.7
33880	13.4	139.6	116	179.9
33890	13.6	137.8	118	180.2
33900	13.2	136.0	119	179.9
33910	12.9	134.2	121	179.7
33920	12.7	132.4	123	179.9
33930	12.5	130.6	125	179.7
33940	12.5	128.8	127	179.9
33950	12.3	127.0	128	179.9
33960	12.5	125.2	130	179.7

33970	12.9	123.4	132	179.7
33980	12.1	121.6	134	179.9
33990	11.0	119.8	136	179.7
34000	10.0	118.0	137	179.7
34010	9.1	116.2	139	179.7
34020	8.4	114.4	141	179.7
34030	7.3	112.6	143	179.4
34040	5.8	110.8	145	179.4
34050	4.6	109.0	146	179.4
34060	3.7	107.2	148	179.4
34070	3.3	105.4	150	179.4
34080	2.7	103.6	152	179.4
34090	2.2	101.8	154	179.1
34100	1.8	100.0	155	179.1
34110	1.5	98.3	157	178.6
34120	1.4	96.5	159	178.6
34130	1.2	94.7	161	178.1
34140	0.8	92.9	163	177.5
34150	-4.5	91.1	164	175.4
34160	-11.7	89.4	166	172.5
34170	-14.6	87.7	168	167.9
34180	-12.9	86.1	169	162.9
34190	-9.5	84.5	171	158.4
34200	-8.4	82.9	173	154.9
34210	-10.4	81.4	174	151.4
34220	-14.4	79.9	176	147.2
34230	-11.4	78.6	177	128.0
34240	0.8	77.6	178	92.3
34250	2.2	76.7	179	82.5
34260	9.8	76.0	179	72.4
34270	12.3	75.4	180	53.2
34280	5.7	75.0	180	41.7
34290	-1.4	74.6	181	28.7
34300	-14.6	74.4	181	24.2
34310	-28.5	74.2	181	18.9
34320	-36.1	74.1	181	9.3
34330	-33.9	74.0	181	-0.7
34340	-25.8	74.1	181	-5.5
34350	-15.3	74.2	181	-11.1
34360	-10.6	74.4	181	-14.9
34370	-14.6	74.5	181	-17.8
34380	-24.1	74.8	181	-22.0
34390	-30.6	75.1	180	-29.0
34400	-30.2	75.5	180	-36.7
34410	-25.4	75.9	180	-43.9
34420	-20.5	76.5	179	-50.3
34430	-22.4	77.1	178	-56.7
34440	-30.6	77.7	178	-61.7
34450	-39.2	78.5	177	-69.4
34460	-40.4	79.3	176	-80.3
34470	-32.4	80.3	175	-98.7
34480	-22.4	81.4	174	-107.2
34490	-17.2	82.5	173	-113.6
34500	-21.0	83.7	172	-118.2

34510	-29.8	84.9	171	-124.3
34520	-36.2	86.2	169	-132.8
34530	-35.4	87.6	168	-142.9
34540	-28.5	89.1	166	-152.0
34550	-23.1	90.7	165	-159.7
34560	-22.5	92.3	163	-165.8
34570	-26.8	94.0	161	-171.9
34580	-33.8	95.8	160	-176.5
34590	-39.6	97.6	158	-177.0
34600	-41.6	99.4	156	-178.3
34610	-39.5	101.1	154	-178.6
34620	-36.3	102.9	153	-178.6
34630	-35.3	104.7	151	-178.9
34640	-37.8	106.5	149	-179.1
34650	-42.3	108.3	147	-179.7
34660	-44.6	110.1	145	-179.9
34670	-43.8	111.9	144	-179.9
34680	-41.0	113.7	142	-179.4
34690	-37.4	115.5	140	-179.1
34700	-35.4	117.3	138	-179.4
34710	-35.8	119.1	136	-179.4
34720	-38.2	120.9	135	-179.7
34730	-41.5	122.7	133	-179.7
34740	-43.7	124.5	131	-180.2
34750	-43.7	126.3	129	-180.2
34760	-41.5	128.1	127	-179.9
34770	-38.8	129.9	126	-179.4
34780	-38.0	131.7	124	-179.4
34790	-39.1	133.5	122	-179.7
34800	-41.0	135.3	120	-179.7
34810	-42.8	137.1	118	-180.2
34820	-43.5	138.9	117	-179.9
34830	-42.6	140.7	115	-179.9
34840	-41.5	142.5	113	-179.7
34850	-40.5	144.3	111	-179.9
34860	-39.7	146.0	109	-179.7
34870	-39.6	147.8	108	-179.4
34880	-40.3	149.6	106	-179.7
34890	-41.5	151.4	104	-179.4
34900	-41.9	153.2	102	-179.7
34910	-41.0	155.0	100	-179.9
34920	-38.9	156.8	99	-179.7
34930	-37.3	158.6	97	-179.1
34940	-37.6	160.4	95	-179.7
34950	-39.1	162.2	93	-179.7
34960	-40.0	164.0	91	-179.9
34970	-40.1	165.8	90	-179.9
34980	-39.1	167.6	88	-179.4
34990	-38.1	169.4	86	-179.1
35000	-37.2	171.2	84	-179.4
35010	-36.2	173.0	82	-179.4
35020	-35.8	174.8	81	-179.4
35030	-36.2	176.6	79	-179.7
35040	-36.2	178.4	77	-179.7

35050	-35.8	180.2	75	-179.4
35060	-34.0	182.0	73	-179.7
35070	-32.1	183.8	72	-179.4
35080	-30.5	185.6	70	-179.1
35090	-29.6	187.4	68	-179.4
35100	-28.5	189.1	66	-179.7
35110	-27.3	190.9	65	-179.4
35120	-26.4	192.7	63	-179.4
35130	-26.2	194.5	61	-179.1
35140	-25.8	196.3	59	-179.4
35150	-25.8	198.1	57	-179.7
35160	-24.5	199.9	56	-179.4
35170	-23.1	201.7	54	-179.4
35180	-22.1	203.5	52	-179.1
35190	-21.2	205.3	50	-179.1
35200	-19.7	207.1	48	-179.1
35210	-18.0	208.9	47	-179.4
35220	-16.3	210.7	45	-179.4
35230	-15.2	212.5	43	-179.1
35240	-15.3	214.3	41	-179.4
35250	-16.1	216.1	39	-179.7
35260	-15.6	217.8	38	-179.4
35270	-14.1	219.6	36	-179.4
35280	-12.1	221.4	34	-179.4
35290	-10.6	223.2	32	-179.1
35300	-9.5	225.0	30	-179.4
35310	-8.4	226.8	29	-179.4
35320	-7.7	228.6	27	-179.4
35330	-6.6	230.4	25	-179.4
35340	-6.1	232.2	23	-179.7
35350	-6.1	234.0	21	-179.4
35360	-5.3	235.8	20	-179.4
35370	-3.7	237.6	18	-179.1
35380	-2.2	239.4	16	-179.1
35390	-2.0	241.2	14	-179.1
35400	-1.6	243.0	12	-179.1
35410	-1.4	244.7	11	-178.6
35420	-1.4	246.5	9	-178.1
35430	1.9	248.3	7	-177.8
35440	10.0	250.0	5	-170.3
35450	14.0	251.7	4	-165.3
35460	13.6	253.3	2	-160.0
35470	8.7	254.9	1	-154.9
35480	5.6	256.4	-1	-152.0
35490	5.7	257.9	-2	-149.6
35500	9.2	259.4	-4	-146.6
35510	12.1	260.7	-5	-123.7
35520	1.9	261.9	-6	-118.2
35530	-2.0	262.8	-7	-87.8
35540	-1.4	263.6	-8	-76.4
35550	-6.1	264.1	-9	-55.6
35560	-3.9	264.6	-9	-48.4
35570	0.3	265.0	-10	-34.8
35580	1.9	265.2	-10	-25.0

35590	22.1	265.5	-10	-21.8
35600	35.0	265.6	-10	-10.6
35610	37.2	265.6	-10	0.5
35620	31.5	265.6	-10	4.5
35630	21.2	265.5	-10	12.5
35640	13.2	265.3	-10	17.5
35650	12.9	265.1	-10	21.0
35660	21.0	264.8	-9	29.2
35670	30.6	264.5	-9	35.6
35680	35.0	264.1	-9	44.9
35690	32.4	263.6	-8	54.5
35700	25.4	263.1	-8	64.9
35710	19.8	262.4	-7	72.4
35720	19.5	261.7	-6	71.3
35730	24.0	261.0	-6	84.3
35740	29.6	260.1	-5	91.8
35750	31.6	259.2	-4	100.3
35760	28.3	258.3	-3	100.0
35770	21.8	257.2	-2	107.8
35780	17.0	256.1	-1	113.9
35790	17.1	254.9	1	118.4
35800	20.9	253.7	2	123.2
35810	24.7	252.4	3	128.8
35820	25.8	251.1	4	135.7
35830	23.2	249.7	6	142.4
35840	17.6	248.2	7	148.2
35850	13.7	246.7	9	152.8
35860	13.8	245.1	10	156.5
35870	16.5	243.5	12	160.0
35880	18.6	241.9	14	163.9
35890	18.4	240.2	15	168.7
35900	15.1	238.5	17	173.0
35910	11.0	236.7	19	176.5
35920	7.9	235.0	20	178.9
35930	8.0	233.2	22	179.1
35940	10.7	231.4	24	179.4
35950	13.2	229.6	26	179.7
35960	14.6	227.8	28	179.9
35970	12.2	226.0	29	179.9
35980	10.8	224.2	31	179.4
35990	11.4	222.4	33	179.7
36000	13.2	220.6	35	179.7
36010	14.4	218.8	37	179.7
36020	11.7	217.0	38	179.7
36030	5.7	215.2	40	179.4
36040	1.5	213.4	42	178.9
36050	1.5	211.6	44	178.9
36060	2.4	209.8	46	178.3
36070	7.1	208.0	47	178.9
36080	11.9	206.3	49	179.7
36090	13.2	204.4	51	180.2
36100	10.0	202.6	53	179.9
36110	5.7	200.9	55	179.7
36120	2.2	199.1	56	179.7

36130	2.0	197.3	58	179.1
36140	4.1	195.5	60	179.1
36150	6.1	193.7	62	179.4
36160	6.9	191.9	64	179.9
36170	6.4	190.1	65	179.7
36180	4.7	188.3	67	179.4
36190	4.2	186.5	69	179.7
36200	5.0	184.7	71	179.4
36210	6.6	182.9	73	179.7
36220	7.9	181.1	74	179.7
36230	8.5	179.3	76	179.7
36240	9.5	177.5	78	180.2
36250	9.9	175.7	80	179.9
36260	9.6	173.9	82	179.7
36270	9.2	172.1	83	179.9
36280	8.4	170.3	85	179.9
36290	9.2	168.5	87	179.9
36300	10.0	166.7	89	179.7
36310	11.0	164.9	91	179.9
36320	11.0	163.1	92	179.9
36330	10.7	161.3	94	179.9
36340	10.7	159.5	96	179.9
36350	10.7	157.7	98	179.9
36360	11.0	155.9	100	179.9
36370	12.3	154.1	101	179.9
36380	13.8	152.3	103	179.7
36390	15.6	150.5	105	179.9
36400	15.9	148.7	107	180.2
36410	15.5	146.9	109	179.9
36420	14.1	145.1	110	179.9
36430	13.6	143.3	112	179.9
36440	13.7	141.5	114	179.7
36450	14.1	139.7	116	179.7
36460	14.8	137.9	118	179.9
36470	15.2	136.1	119	179.9
36480	15.7	134.3	121	179.7
36490	15.6	132.5	123	179.9
36500	14.9	130.7	125	179.9
36510	14.2	128.9	127	179.9
36520	13.4	127.1	128	179.9
36530	12.9	125.3	130	179.7
36540	12.9	123.5	132	179.4
36550	12.5	121.7	134	179.7
36560	11.5	119.9	136	179.7
36570	10.8	118.1	137	179.7
36580	10.3	116.3	139	179.7
36590	9.9	114.5	141	179.7
36600	9.4	112.8	143	179.4
36610	8.4	111.0	144	179.4
36620	7.1	109.2	146	179.1
36630	5.3	107.4	148	179.1
36640	4.1	105.6	150	179.1
36650	2.6	103.8	152	179.1
36660	1.8	102.0	153	179.1

36670	1.8	100.2	155	178.9
36680	1.5	98.4	157	178.6
36690	1.5	96.6	159	178.3
36700	1.2	94.8	161	178.1
36710	1.1	93.1	162	177.5
36720	-0.3	91.3	164	175.7
36730	-7.3	89.6	166	173.8
36740	-12.9	87.9	168	170.1
36750	-13.6	86.2	169	165.0
36760	-10.3	84.6	171	160.5
36770	-8.3	83.0	172	156.8
36780	-9.6	81.5	174	153.3
36790	-13.7	79.9	176	149.3
36800	-12.1	78.6	177	130.4
36810	0.0	77.5	178	114.4
36820	1.9	76.7	179	83.5
36830	6.9	75.9	180	72.9
36840	10.6	75.4	180	53.5
36850	4.7	74.9	181	41.7
36860	-1.4	74.6	181	35.4
36870	-13.8	74.3	181	24.4
36880	-26.0	74.1	181	18.6
36890	-29.4	74.0	181	9.3
36900	-29.0	74.0	181	0.2
36910	-25.8	74.0	181	-3.4
36920	-19.1	74.1	181	-9.8
36930	-14.5	74.3	181	-14.1
36940	-15.5	74.4	181	-17.8
36950	-21.3	74.7	181	-26.8
36960	-27.3	75.0	180	-33.5
36970	-29.4	75.3	180	-34.0
36980	-27.8	75.8	180	-40.9
36990	-25.0	76.3	179	-47.9
37000	-25.4	76.9	179	-54.5
37010	-29.7	77.5	178	-74.2
37020	-34.8	78.3	177	-83.3
37030	-36.2	79.1	176	-93.7
37040	-32.0	80.0	175	-104.3
37050	-24.7	81.0	174	-103.2
37060	-19.5	82.1	173	-110.2
37070	-20.1	83.3	172	-115.8
37080	-25.9	84.5	171	-121.1
37090	-32.0	85.7	170	-128.8
37100	-34.3	87.1	168	-137.3
37110	-31.7	88.5	167	-146.9
37120	-26.7	90.1	165	-155.2
37130	-23.3	91.7	164	-162.3
37140	-23.9	93.4	162	-169.0
37150	-27.0	95.1	160	-174.9
37160	-32.8	96.9	159	-176.7
37170	-37.7	98.6	157	-177.0
37180	-38.8	100.4	155	-178.1
37190	-37.3	102.2	153	-178.6
37200	-35.4	104.0	151	-178.9

37210	-35.8	105.8	150	-179.1
37220	-38.8	107.6	148	-179.4
37230	-41.2	109.4	146	-179.7
37240	-41.1	111.2	144	-179.7
37250	-39.5	112.9	143	-179.7
37260	-36.1	114.7	141	-179.4
37270	-33.9	116.5	139	-179.1
37280	-33.0	118.3	137	-179.4
37290	-33.8	120.1	135	-179.4
37300	-36.1	121.9	134	-179.7
37310	-38.4	123.7	132	-179.9
37320	-39.6	125.5	130	-179.9
37330	-38.6	127.3	128	-179.9
37340	-35.7	129.1	126	-179.7
37350	-33.1	130.9	125	-179.4
37360	-32.4	132.7	123	-179.4
37370	-33.6	134.5	121	-179.4
37380	-35.1	136.3	119	-179.9
37390	-36.6	138.1	117	-179.7
37400	-37.6	139.9	116	-179.9
37410	-38.0	141.7	114	-179.9
37420	-38.2	143.5	112	-179.9
37430	-37.7	145.3	110	-179.9
37440	-36.2	147.1	108	-179.9
37450	-35.8	148.9	107	-179.7
37460	-36.6	150.7	105	-179.7
37470	-38.1	152.5	103	-179.9
37480	-38.8	154.3	101	-179.9
37490	-38.5	156.1	99	-179.9
37500	-37.4	157.9	98	-179.7
37510	-36.3	159.7	96	-179.4
37520	-36.6	161.5	94	-179.7
37530	-36.7	163.3	92	-179.9
37540	-36.7	165.1	90	-179.9
37550	-36.6	166.9	89	-179.4
37560	-36.6	168.6	87	-179.4
37570	-36.5	170.4	85	-179.7
37580	-36.1	172.2	83	-179.7
37590	-35.4	174.0	81	-179.7
37600	-34.6	175.8	80	-179.7
37610	-33.8	177.6	78	-179.4
37620	-33.2	179.4	76	-179.7
37630	-32.7	181.2	74	-179.7
37640	-31.9	183.0	72	-179.4
37650	-31.6	184.8	71	-179.4
37660	-31.6	186.6	69	-179.4
37670	-31.1	188.4	67	-179.4
37680	-29.6	190.2	65	-179.7
37690	-28.7	192.0	63	-179.4
37700	-27.9	193.8	62	-179.1
37710	-27.5	195.6	60	-179.4
37720	-27.7	197.4	58	-179.7
37730	-27.4	199.2	56	-179.4
37740	-26.4	201.0	54	-179.7

37750	-25.5	202.8	53	-179.4
37760	-24.3	204.6	51	-179.1
37770	-22.8	206.3	49	-179.1
37780	-20.3	208.1	47	-179.4
37790	-18.2	209.9	46	-179.1
37800	-16.3	211.7	44	-178.9
37810	-16.1	213.5	42	-179.4
37820	-17.1	215.3	40	-179.4
37830	-17.8	217.1	38	-179.4
37840	-17.2	218.9	37	-179.4
37850	-15.7	220.7	35	-179.4
37860	-13.4	222.5	33	-179.1
37870	-11.4	224.3	31	-179.4
37880	-9.2	226.1	29	-179.1
37890	-8.4	227.9	28	-179.4
37900	-2.7	229.7	26	-179.1
37910	-2.2	231.4	24	-178.9
37920	-3.7	233.2	22	-179.1
37930	-5.7	235.0	20	-179.7
37940	-6.6	236.8	19	-179.7
37950	-6.1	238.6	17	-179.7
37960	-4.3	240.4	15	-179.7
37970	-1.2	242.2	13	-179.1
37980	-1.2	244.0	11	-178.9
37990	-0.5	245.8	10	-178.3
38000	8.1	247.6	8	-176.2
38010	14.1	249.3	6	-167.1
38020	13.3	250.9	5	-162.3
38030	8.8	252.5	3	-158.4
38040	5.8	254.0	1	-155.4
38050	5.6	255.6	0	-152.5
38060	9.2	257.1	-2	-149.8
38070	13.2	258.6	-3	-146.1
38080	16.4	260.0	-5	-140.8
38090	9.8	261.2	-6	-119.8
38100	-2.4	262.2	-7	-107.0
38110	-2.0	263.0	-8	-79.0
38120	-11.1	263.7	-8	-64.1
38130	-13.8	264.3	-9	-46.5
38140	-5.3	264.7	-9	-45.2
38150	0.5	265.0	-10	-32.2
38160	3.5	265.3	-10	-23.1
38170	25.4	265.5	-10	-19.9
38180	34.4	265.6	-10	-9.0
38190	33.6	265.6	-10	1.3
38200	26.6	265.6	-10	5.0
38210	17.4	265.5	-10	11.4
38220	12.2	265.3	-10	15.9
38230	14.1	265.1	-10	19.4
38240	20.9	264.9	-9	28.2
38250	27.7	264.6	-9	34.8
38260	30.0	264.2	-9	43.1
38270	27.0	263.7	-8	52.1
38280	22.2	263.2	-8	54.5

38290	19.1	262.6	-7	54.5
38300	19.9	262.0	-7	72.4
38310	23.3	261.3	-6	78.0
38320	25.6	260.5	-5	85.1
38330	24.7	259.7	-4	92.6
38340	20.5	258.8	-3	90.7
38350	15.5	257.8	-2	96.6
38360	12.6	256.8	-1	100.3
38370	14.0	255.8	0	104.0
38380	18.0	254.7	1	108.0
38390	21.7	253.6	2	112.8
38400	21.8	252.5	3	119.0
38410	19.1	251.2	4	124.8
38420	15.2	249.9	6	129.9
38430	12.7	248.6	7	133.9
38440	12.7	247.2	8	136.8
38450	14.6	245.8	10	140.0
38460	16.4	244.4	11	144.0
38470	16.4	242.9	13	148.2
38480	15.1	241.4	14	152.2
38490	12.3	239.9	16	155.7
38500	10.2	238.3	17	158.6
38510	9.6	236.7	19	161.0
38520	10.4	235.1	20	163.1
38530	11.4	233.4	22	165.5
38540	11.8	231.7	24	167.9
38550	10.7	230.0	25	170.6
38560	8.7	228.3	27	173.0
38570	7.2	226.6	29	174.9
38580	7.5	224.8	31	176.2
38590	8.8	223.0	32	177.8
38600	9.5	221.3	34	179.1
38610	10.2	219.5	36	179.4
38620	10.3	217.7	38	179.4
38630	9.4	215.9	40	179.4
38640	9.2	214.1	41	179.4
38650	11.1	212.3	43	179.7
38660	14.0	210.5	45	179.7
38670	14.1	208.7	47	179.7
38680	9.2	206.9	49	179.7
38690	3.8	205.1	50	179.4
38700	1.8	203.3	52	179.1
38710	3.3	201.5	54	178.9
38720	7.5	199.7	56	179.1
38730	12.1	197.9	58	179.9
38740	13.8	196.1	59	180.2
38750	11.1	194.3	61	179.9
38760	6.5	192.5	63	179.7
38770	3.0	190.7	65	179.4
38780	3.0	188.9	67	179.4
38790	6.5	187.1	68	179.4
38800	10.6	185.3	70	179.7
38810	13.6	183.5	72	180.2
38820	14.0	181.7	74	179.7

38830	11.4	179.9	76	179.9
38840	9.8	178.1	77	179.9
38850	10.0	176.4	79	179.7
38860	11.5	174.6	81	179.9
38870	13.0	172.8	83	179.9
38880	13.4	171.0	84	179.9
38890	13.2	169.2	86	179.9
38900	11.8	167.4	88	179.9
38910	10.8	165.6	90	179.7
38920	10.7	163.8	92	179.7
38930	11.4	162.0	93	179.4
38940	12.9	160.2	95	179.7
38950	12.9	158.4	97	179.9
38960	11.8	156.6	99	179.9
38970	10.8	154.8	101	179.7
38980	10.4	153.0	102	179.4
38990	11.3	151.2	104	179.7
39000	12.1	149.4	106	179.7
39010	13.0	147.6	108	179.9
39020	13.7	145.8	110	180.2
39030	13.8	144.0	111	179.7
39040	14.0	142.2	113	179.9
39050	13.7	140.4	115	179.7
39060	13.2	138.6	117	179.7
39070	13.4	136.8	119	179.9
39080	14.1	135.0	120	179.9
39090	14.8	133.2	122	179.9
39100	14.5	131.4	124	179.9
39110	13.6	129.6	126	179.7
39120	12.3	127.8	128	179.9
39130	11.1	126.0	129	179.7
39140	10.8	124.2	131	179.7
39150	11.5	122.4	133	179.7
39160	11.7	120.6	135	179.7
39170	11.5	118.8	137	179.7
39180	10.7	117.0	138	179.7
39190	9.8	115.2	140	179.7
39200	8.5	113.4	142	179.4
39210	7.1	111.6	144	179.4
39220	6.1	109.8	146	179.4
39230	4.9	108.0	147	179.1
39240	4.5	106.2	149	179.4
39250	3.9	104.4	151	179.4
39260	2.6	102.6	153	179.1
39270	1.8	100.9	155	179.1
39280	1.6	99.1	156	178.9
39290	1.5	97.3	158	178.9
39300	1.4	95.5	160	178.3
39310	1.2	93.7	162	177.8
39320	0.9	91.9	164	177.3
39330	-1.9	90.2	165	175.4
39340	-7.7	88.4	167	173.0
39350	-10.2	86.7	169	170.1
39360	-9.6	85.1	170	166.1

39370	-7.2	83.4	172	162.6
39380	-5.7	81.8	174	160.0
39390	-6.5	80.3	175	141.8
39400	-4.9	78.8	177	128.3
39410	2.3	77.6	178	113.6
39420	12.5	76.7	179	79.8
39430	29.4	75.9	180	70.8
39440	28.3	75.3	180	49.7
39450	14.4	74.8	181	43.1
39460	-0.7	74.5	181	32.2
39470	-14.6	74.2	181	21.8
39480	-25.4	74.1	181	16.5
39490	-24.8	73.9	182	8.5
39500	-23.2	73.9	182	1.8
39510	-21.8	73.9	182	-1.8
39520	-19.9	74.0	181	-6.6
39530	-19.5	74.1	181	-11.4
39540	-23.3	74.3	181	-16.5
39550	-27.8	74.5	181	-27.4
39560	-30.2	74.8	181	-35.9
39570	-29.4	75.2	180	-40.4
39580	-28.1	75.6	180	-43.3
39590	-29.2	76.2	179	-50.3
39600	-33.6	76.8	179	-70.8
39610	-38.1	77.5	178	-80.6
39620	-40.7	78.4	177	-92.3
39630	-38.8	79.3	176	-104.3
39640	-32.8	80.3	175	-116.0
39650	-26.8	81.4	174	-113.9
39660	-23.7	82.6	173	-121.9
39670	-25.0	83.9	172	-128.3
39680	-28.5	85.2	170	-135.5
39690	-31.7	86.7	169	-143.2
39700	-32.4	88.2	167	-152.2
39710	-30.6	89.7	166	-160.7
39720	-28.1	91.4	164	-169.3
39730	-27.4	93.2	162	-175.7
39740	-32.0	94.9	161	-176.5
39750	-39.3	96.7	159	-177.3
39760	-43.7	98.5	157	-178.1
39770	-42.7	100.3	155	-178.6
39780	-38.6	102.0	153	-178.9
39790	-35.5	103.8	152	-178.6
39800	-36.3	105.6	150	-178.9
39810	-40.8	107.4	148	-179.7
39820	-45.8	109.2	146	-179.9
39830	-47.2	111.0	144	-179.9
39840	-45.4	112.8	143	-179.9
39850	-42.0	114.6	141	-179.4
39860	-38.6	116.4	139	-179.4
39870	-37.3	118.2	137	-179.1
39880	-38.5	120.0	135	-179.1
39890	-41.2	121.8	134	-179.4
39900	-44.2	123.6	132	-179.9

39910	-45.8	125.4	130	-180.2
39920	-45.2	127.2	128	-179.9
39930	-42.7	129.0	126	-179.7
39940	-40.3	130.8	125	-179.7
39950	-39.6	132.6	123	-179.1
39960	-40.8	134.4	121	-179.7
39970	-42.3	136.2	119	-179.7
39980	-43.4	138.0	117	-179.7
39990	-43.3	139.8	116	-179.9
40000	-42.2	141.6	114	-179.7
40010	-41.0	143.4	112	-179.4
40020	-39.7	145.2	110	-179.7
40030	-38.2	147.0	108	-179.7
40040	-37.8	148.8	107	-179.4
40050	-38.4	150.5	105	-179.4
40060	-39.3	152.3	103	-179.7
40070	-39.3	154.1	101	-179.7
40080	-38.6	155.9	100	-179.7
40090	-37.2	157.7	98	-179.4
40100	-36.2	159.5	96	-179.4
40110	-36.6	161.3	94	-179.1
40120	-37.3	163.1	92	-179.9
40130	-37.2	164.9	91	-179.7
40140	-36.9	166.7	89	-179.4
40150	-36.5	168.5	87	-179.4
40160	-35.9	170.3	85	-179.1
40170	-35.0	172.1	83	-179.4
40180	-34.2	173.9	82	-179.7
40190	-33.0	175.7	80	-179.1
40200	-32.1	177.5	78	-179.4
40210	-31.7	179.3	76	-179.7
40220	-31.2	181.1	74	-179.4
40230	-30.1	182.9	73	-179.4
40240	-29.0	184.7	71	-179.1
40250	-27.9	186.4	69	-179.4
40260	-26.8	188.2	67	-179.4
40270	-25.2	190.0	65	-179.4
40280	-23.9	191.8	64	-179.4
40290	-23.2	193.6	62	-179.1
40300	-23.3	195.4	60	-179.7
40310	-24.4	197.2	58	-179.7
40320	-24.8	199.0	56	-179.7
40330	-23.9	200.8	55	-179.7
40340	-22.9	202.6	53	-179.7
40350	-21.7	204.4	51	-179.4
40360	-20.6	206.2	49	-179.1
40370	-19.5	208.0	47	-179.7
40380	-18.2	209.8	46	-179.1
40390	-16.8	211.6	44	-179.1
40400	-16.5	213.4	42	-179.7
40410	-16.5	215.2	40	-179.4
40420	-16.5	217.0	38	-179.4
40430	-15.1	218.7	37	-179.7
40440	-12.7	220.5	35	-179.1

40450	-10.6	222.3	33	-179.1
40460	-8.8	224.1	31	-179.4
40470	-7.6	225.9	30	-179.1
40480	-7.1	227.7	28	-179.1
40490	-3.3	229.5	26	-179.1
40500	-2.0	231.3	24	-178.9
40510	-3.9	233.1	22	-179.1
40520	-5.3	234.9	21	-179.4
40530	-6.2	236.7	19	-179.7
40540	-4.6	238.5	17	-179.4
40550	-3.1	240.3	15	-179.7
40560	-1.6	242.1	13	-179.1
40570	-1.6	243.9	12	-178.9
40580	-1.5	245.6	10	-178.9
40590	-1.4	247.4	8	-178.3
40600	1.5	249.2	6	-177.5
40610	8.0	250.9	5	-170.9
40620	11.7	252.6	3	-166.3
40630	12.1	254.2	1	-161.8
40640	9.5	255.8	0	-157.6
40650	7.9	257.4	-2	-154.1
40660	8.1	258.9	-3	-150.9
40670	10.2	260.4	-5	-145.6
40680	2.6	261.6	-6	-119.0
40690	-2.2	262.6	-7	-104.3
40700	-6.8	263.4	-8	-75.8
40710	-17.5	264.0	-9	-60.9
40720	-14.1	264.5	-9	-43.3
40730	0.5	265.0	-10	-40.9
40740	1.2	265.2	-10	-29.2
40750	17.2	265.5	-10	-19.1
40760	36.6	265.6	-10	-12.7
40770	42.0	265.7	-10	0.5
40780	34.8	265.6	-10	6.3
40790	23.7	265.5	-10	14.9
40800	13.2	265.3	-10	19.4
40810	11.8	265.1	-10	22.0
40820	18.6	264.8	-9	25.0
40830	28.2	264.5	-9	29.8
40840	33.8	264.1	-9	36.4
40850	32.4	263.6	-8	44.7
40860	25.6	263.1	-8	52.4
40870	19.8	262.4	-7	71.3
40880	19.1	261.7	-6	77.2
40890	22.5	261.0	-6	83.0
40900	27.3	260.2	-5	89.9
40910	28.7	259.3	-4	97.9
40920	25.4	258.3	-3	97.1
40930	19.1	257.3	-2	104.0
40940	14.6	256.2	-1	109.1
40950	14.6	255.1	0	113.1
40960	18.2	254.0	1	117.1
40970	21.8	252.7	3	122.1
40980	22.9	251.5	4	128.0

40990	20.2	250.2	5	134.1
41000	14.4	248.8	7	138.9
41010	10.3	247.4	8	142.6
41020	10.0	245.9	10	145.0
41030	13.7	244.4	11	147.7
41040	17.4	242.9	13	151.2
41050	18.4	241.4	14	155.7
41060	15.9	239.8	16	160.2
41070	11.3	238.2	17	164.2
41080	8.7	236.5	19	166.6
41090	9.6	234.8	21	168.5
41100	12.6	233.1	22	170.6
41110	15.5	231.4	24	173.8
41120	15.1	229.6	26	177.3
41130	12.2	227.8	28	179.7
41140	10.7	226.0	29	179.4
41150	11.0	224.2	31	179.7
41160	12.1	222.4	33	179.7
41170	12.1	220.7	35	179.4
41180	11.1	218.9	37	179.4
41190	9.8	217.1	38	179.4
41200	9.1	215.3	40	179.7
41210	8.9	213.5	42	179.7
41220	9.5	211.7	44	179.4
41230	12.3	209.9	46	179.9
41240	13.8	208.1	47	179.7
41250	11.3	206.3	49	179.7
41260	6.2	204.5	51	179.4
41270	3.4	202.7	53	179.1
41280	4.3	200.9	55	179.4
41290	7.1	199.1	56	179.7
41300	9.6	197.3	58	179.7
41310	11.4	195.5	60	179.9
41320	9.5	193.7	62	179.9
41330	5.4	191.9	64	179.4
41340	1.9	190.1	65	179.4
41350	1.8	188.3	67	178.9
41360	3.1	186.5	69	178.6
41370	7.3	184.8	71	179.1
41380	11.0	183.0	72	180.2
41390	11.8	181.2	74	179.9
41400	9.9	179.4	76	179.9
41410	8.7	177.6	78	179.9
41420	8.3	175.8	80	179.9
41430	8.5	174.0	81	179.7
41440	9.4	172.2	83	179.9
41450	9.4	170.4	85	179.9
41460	9.8	168.6	87	179.9
41470	9.6	166.8	89	179.7
41480	9.6	165.0	90	179.9
41490	10.0	163.2	92	179.7
41500	10.8	161.4	94	179.9
41510	11.9	159.6	96	180.2
41520	12.6	157.8	98	179.9

41530	12.6	156.0	99	179.9
41540	13.0	154.2	101	179.9
41550	13.4	152.4	103	179.9
41560	14.1	150.6	105	179.9
41570	14.5	148.8	107	179.9
41580	14.6	147.0	108	180.2
41590	14.1	145.2	110	179.9
41600	13.8	143.4	112	180.2
41610	14.2	141.6	114	179.9
41620	14.2	139.8	116	179.9
41630	13.8	138.0	117	179.9
41640	12.9	136.2	119	179.7
41650	12.2	134.4	121	179.7
41660	11.8	132.6	123	179.7
41670	10.8	130.8	125	179.7
41680	10.0	129.0	126	179.4
41690	9.4	127.2	128	179.7
41700	8.4	125.4	130	179.7
41710	8.5	123.6	132	179.7
41720	8.3	121.8	134	179.7
41730	7.7	120.0	135	179.4
41740	7.5	118.2	137	179.4
41750	6.9	116.4	139	179.7
41760	6.0	114.6	141	179.7
41770	4.7	112.8	143	179.1
41780	3.7	111.0	144	179.7
41790	2.6	109.2	146	179.1
41800	1.9	107.4	148	179.4
41810	1.6	105.6	150	179.1
41820	1.4	103.9	152	178.9
41830	1.4	102.1	153	178.3
41840	1.2	100.3	155	177.8
41850	0.0	98.5	157	176.5
41860	-5.2	96.8	159	174.3
41870	-9.4	95.1	160	171.4
41880	-9.4	93.4	162	167.7
41890	-6.1	91.7	164	164.5
41900	-3.8	90.1	165	162.1
41910	-4.7	88.5	167	160.0
41920	-9.4	86.9	169	157.3
41930	-13.3	85.4	170	153.3
41940	-15.1	83.9	172	148.5
41950	-13.7	82.4	173	143.7
41960	-11.4	81.0	174	138.9
41970	-11.1	79.7	176	134.1
41980	-6.4	78.5	177	114.4
41990	1.5	77.5	178	84.1
42000	0.8	76.7	179	76.1
42010	0.3	76.1	179	61.7
42020	-0.4	75.5	180	44.9
42030	-8.9	75.1	180	39.9
42040	-18.3	74.8	181	30.3
42050	-26.8	74.5	181	20.7
42060	-34.3	74.4	181	15.4

42070	-33.8	74.3	181	4.2
42080	-27.7	74.3	181	-2.1
42090	-22.9	74.4	181	-6.9
42100	-22.1	74.5	181	-12.2
42110	-25.5	74.7	181	-17.8
42120	-28.3	74.9	181	-23.9
42130	-28.2	75.2	180	-30.6
42140	-25.6	75.6	180	-37.2
42150	-23.5	76.1	179	-43.6
42160	-24.7	76.6	179	-49.7
42170	-30.0	77.3	178	-68.4
42180	-35.1	78.0	177	-77.4
42190	-37.3	78.7	177	-88.1
42200	-34.6	79.6	176	-99.3
42210	-29.4	80.6	175	-109.4
42220	-25.9	81.6	174	-107.2
42230	-26.2	82.8	173	-115.2
42240	-29.6	84.0	171	-122.1
42250	-32.8	85.3	170	-130.9
42260	-33.8	86.6	169	-139.7
42270	-32.7	88.1	167	-149.3
42280	-31.2	89.7	166	-158.1
42290	-30.8	91.3	164	-166.9
42300	-32.3	93.0	162	-174.9
42310	-36.9	94.8	161	-177.3
42320	-43.8	96.6	159	-178.1
42330	-47.7	98.4	157	-179.1
42340	-47.7	100.2	155	-179.1
42350	-45.3	102.0	153	-179.7
42360	-43.7	103.8	152	-179.1
42370	-44.9	105.6	150	-179.1
42380	-49.2	107.3	148	-179.7
42390	-52.7	109.1	146	-180.2
42400	-54.0	110.9	145	-179.9
42410	-52.6	112.8	143	-179.9
42420	-49.6	114.5	141	-179.7
42430	-46.6	116.3	139	-179.4
42440	-44.6	118.1	137	-179.7
42450	-44.3	119.9	136	-179.1
42460	-45.2	121.7	134	-179.1
42470	-46.8	123.5	132	-179.4
42480	-47.7	125.3	130	-179.7
42490	-46.6	127.1	128	-179.7
42500	-44.2	128.9	127	-179.4
42510	-41.8	130.7	125	-179.1
42520	-41.4	132.5	123	-179.1
42530	-42.7	134.3	121	-179.4
42540	-44.2	136.1	119	-179.7
42550	-45.4	137.9	118	-179.9
42560	-45.3	139.7	116	-179.7
42570	-44.3	141.5	114	-179.9
42580	-43.4	143.3	112	-179.9
42590	-42.6	145.1	110	-179.9
42600	-41.6	146.9	109	-179.7

42610	-41.6	148.7	107	-179.4
42620	-42.4	150.5	105	-179.4
42630	-43.5	152.3	103	-179.4
42640	-43.3	154.1	101	-179.7
42650	-42.4	155.9	100	-179.9
42660	-40.5	157.6	98	-179.4
42670	-39.6	159.4	96	-179.4
42680	-40.1	161.2	94	-179.4
42690	-41.0	163.0	92	-179.7
42700	-41.6	164.8	91	-179.7
42710	-41.8	166.6	89	-179.7
42720	-41.6	168.4	87	-179.4
42730	-41.0	170.2	85	-179.4
42740	-39.9	172.0	83	-179.4
42750	-38.8	173.8	82	-179.4
42760	-38.1	175.6	80	-179.4
42770	-38.2	177.4	78	-179.7
42780	-38.8	179.2	76	-179.9
42790	-39.1	181.0	74	-179.9
42800	-38.8	182.8	73	-179.7
42810	-38.4	184.6	71	-179.7
42820	-38.0	186.4	69	-179.4
42830	-37.2	188.2	67	-179.7
42840	-35.8	190.0	65	-179.7
42850	-33.9	191.8	64	-179.4
42860	-32.3	193.6	62	-179.1
42870	-31.2	195.4	60	-179.1
42880	-30.4	197.2	58	-179.7
42890	-29.3	198.9	57	-179.4
42900	-27.3	200.7	55	-179.4
42910	-25.6	202.5	53	-179.1
42920	-24.7	204.3	51	-179.1
42930	-24.3	206.1	49	-179.1
42940	-24.0	207.9	48	-179.4
42950	-23.2	209.7	46	-179.4
42960	-21.7	211.5	44	-179.4
42970	-20.7	213.3	42	-179.4
42980	-19.4	215.1	40	-179.4
42990	-18.3	216.9	39	-179.4
43000	-16.8	218.7	37	-179.4
43010	-14.5	220.5	35	-179.1
43020	-13.0	222.3	33	-179.4
43030	-11.9	224.1	31	-179.1
43040	-11.3	225.8	30	-179.1
43050	-10.4	227.6	28	-179.1
43060	-9.6	229.4	26	-179.7
43070	-8.7	231.2	24	-179.4
43080	-6.9	233.0	22	-179.1
43090	-4.1	234.8	21	-179.4
43100	-1.6	236.6	19	-178.9
43110	-1.6	238.4	17	-178.9
43120	-1.6	240.2	15	-178.9
43130	-1.6	242.0	13	-178.3
43140	-1.5	243.8	12	-177.8

43150	-1.5	245.5	10	-177.8
43160	-0.5	247.3	8	-173.5
43170	2.7	249.0	6	-170.9
43180	6.8	250.7	5	-169.0
43190	9.6	252.4	3	-165.5
43200	10.2	254.0	1	-161.8
43210	8.7	255.6	0	-158.1
43220	7.1	257.1	-2	-154.6
43230	7.1	258.7	-3	-152.0
43240	9.5	260.1	-5	-133.6
43250	4.7	261.4	-6	-110.7
43260	-1.9	262.4	-7	-99.0
43270	-2.7	263.3	-8	-70.2
43280	-12.7	263.9	-8	-63.0
43290	-13.0	264.5	-9	-54.8
43300	-3.7	264.9	-9	-39.1
43310	0.9	265.2	-10	-27.1
43320	13.6	265.5	-10	-25.5
43330	34.8	265.6	-10	-14.6
43340	43.1	265.7	-10	-3.1
43350	39.6	265.7	-10	2.3
43360	28.7	265.6	-10	12.2
43370	17.2	265.4	-10	19.4
43380	12.5	265.2	-10	21.8
43390	16.4	264.9	-9	25.0
43400	24.7	264.6	-9	29.2
43410	31.1	264.2	-9	35.6
43420	31.1	263.8	-8	43.3
43430	25.4	263.2	-8	62.2
43440	19.4	262.6	-7	63.3
43450	17.4	261.9	-6	61.7
43460	20.5	261.2	-6	66.2
43470	25.6	260.4	-5	71.3
43480	28.5	259.5	-4	86.5
43490	25.8	258.6	-3	94.5
43500	18.8	257.6	-2	101.1
43510	12.6	256.6	-1	106.2
43520	11.8	255.5	0	109.9
43530	15.9	254.4	1	112.8
43540	21.2	253.2	2	117.4
43550	24.0	252.0	3	122.9
43560	22.1	250.7	5	129.6
43570	17.1	249.4	6	135.5
43580	11.3	248.0	7	139.5
43590	9.4	246.6	9	142.4
43600	11.7	245.1	10	144.5
43610	16.0	243.7	12	147.7
43620	18.7	242.1	13	151.7
43630	17.5	240.6	15	156.5
43640	13.4	239.0	16	160.5
43650	9.4	237.4	18	163.7
43660	8.4	235.7	20	165.8
43670	9.8	234.0	21	167.7
43680	12.1	232.3	23	169.8

43690	13.0	230.6	25	172.7
43700	11.4	228.9	27	175.4
43710	8.9	227.1	28	178.1
43720	7.6	225.3	30	179.4
43730	8.4	223.5	32	179.4
43740	10.4	221.7	34	179.4
43750	12.1	219.9	36	179.9
43760	12.5	218.1	37	179.7
43770	11.3	216.3	39	179.7
43780	9.9	214.5	41	179.7
43790	8.8	212.7	43	179.7
43800	8.4	210.9	45	179.4
43810	10.3	209.1	46	179.7
43820	13.3	207.3	48	179.7
43830	13.7	205.6	50	179.7
43840	9.5	203.8	52	179.9
43850	3.4	202.0	53	179.1
43860	1.5	200.2	55	179.1
43870	2.6	198.4	57	178.9
43880	6.8	196.6	59	179.1
43890	12.9	194.8	61	179.9
43900	15.6	193.0	62	180.2
43910	13.3	191.2	64	179.9
43920	8.3	189.4	66	179.7
43930	4.3	187.6	68	179.4
43940	3.5	185.8	70	179.1
43950	6.6	184.0	71	179.7
43960	11.1	182.2	73	179.7
43970	13.2	180.4	75	180.2
43980	13.4	178.6	77	180.2
43990	12.5	176.8	79	179.9
44000	11.3	175.0	80	179.9
44010	10.6	173.2	82	179.7
44020	10.6	171.4	84	179.7
44030	11.7	169.6	86	179.9
44040	12.9	167.8	88	179.7
44050	13.6	166.0	89	179.9
44060	13.0	164.2	91	180.2
44070	12.1	162.4	93	179.9
44080	11.9	160.6	95	179.9
44090	12.2	158.8	97	179.7
44100	12.5	157.0	98	179.9
44110	13.6	155.2	100	179.9
44120	14.9	153.4	102	179.9
44130	15.7	151.6	104	179.9
44140	15.9	149.8	106	179.9
44150	15.7	148.0	107	179.9
44160	15.2	146.2	109	179.9
44170	15.1	144.4	111	179.7
44180	15.6	142.6	113	179.9
44190	16.3	140.8	115	179.7
44200	16.8	139.0	116	180.2
44210	16.7	137.2	118	179.9
44220	16.3	135.4	120	179.9

44230	15.9	133.6	122	179.9
44240	15.1	131.8	124	179.9
44250	14.2	130.0	125	179.7
44260	13.7	128.2	127	179.7
44270	13.0	126.4	129	179.4
44280	12.6	124.6	131	179.7
44290	12.5	122.8	133	179.7
44300	11.7	121.0	134	179.7
44310	10.4	119.3	136	179.7
44320	9.1	117.5	138	179.4
44330	8.1	115.7	140	179.4
44340	7.1	113.9	142	179.4
44350	5.8	112.1	143	179.4
44360	4.6	110.3	145	179.1
44370	3.4	108.5	147	179.4
44380	2.7	106.7	149	179.4
44390	2.3	104.9	151	179.4
44400	1.8	103.1	152	179.4
44410	1.5	101.3	154	178.6
44420	1.4	99.5	156	178.3
44430	1.4	97.7	158	178.1
44440	1.2	96.0	159	177.3
44450	0.1	94.2	161	175.9
44460	-6.1	92.5	163	174.3
44470	-9.6	90.7	165	171.1
44480	-8.1	89.1	166	167.9
44490	-4.1	87.4	168	164.7
44500	-2.7	85.8	170	162.9
44510	-4.5	84.1	171	161.5
44520	-8.4	82.5	173	158.9
44530	-11.3	81.0	174	155.2
44540	-11.1	79.5	176	164.5
44550	0.5	78.2	177	124.3
44560	5.3	77.1	178	97.9
44570	20.6	76.3	179	78.8
44580	26.4	75.6	180	69.2
44590	17.5	75.1	180	49.7
44600	-2.7	74.7	181	37.2
44610	-5.4	74.4	181	31.1
44620	-17.5	74.2	181	20.7
44630	-21.7	74.1	181	14.9
44640	-21.8	74.0	181	6.6
44650	-17.1	74.0	181	0.5
44660	-15.2	74.0	181	-1.5
44670	-16.8	74.0	181	-4.7
44680	-21.8	74.1	181	-9.0
44690	-26.7	74.2	181	-14.3
44700	-28.9	74.4	181	-20.7
44710	-27.7	74.7	181	-30.6
44720	-25.4	75.1	180	-42.0
44730	-25.6	75.5	180	-44.7
44740	-30.1	76.0	179	-46.8
44750	-36.5	76.6	179	-66.5
44760	-39.9	77.3	178	-70.5

44770	-39.5	78.1	177	-73.2
44780	-35.3	79.0	176	-83.0
44790	-28.9	80.0	175	-91.3
44800	-25.0	81.1	174	-109.4
44810	-25.0	82.2	173	-116.3
44820	-27.7	83.4	172	-123.2
44830	-30.5	84.7	171	-130.9
44840	-30.9	86.1	169	-139.2
44850	-30.2	87.6	168	-147.7
44860	-29.3	89.1	166	-156.0
44870	-29.8	90.7	165	-164.5
44880	-30.6	92.4	163	-171.9
44890	-32.8	94.2	161	-177.0
44900	-37.6	96.0	159	-177.3
44910	-42.7	97.7	158	-178.3
44920	-43.8	99.5	156	-178.9
44930	-42.3	101.3	154	-179.1
44940	-40.7	103.1	152	-179.1
44950	-40.7	104.9	151	-179.4
44960	-43.4	106.7	149	-179.4
44970	-46.1	108.5	147	-179.9
44980	-46.1	110.3	145	-179.9
44990	-44.3	112.1	143	-179.7
45000	-41.0	113.9	142	-179.4
45010	-38.0	115.7	140	-179.4
45020	-36.7	117.5	138	-179.4
45030	-37.2	119.3	136	-179.4
45040	-39.2	121.1	134	-179.7
45050	-41.8	122.9	133	-179.9
45060	-43.4	124.7	131	-179.9
45070	-43.3	126.5	129	-179.9
45080	-41.0	128.3	127	-179.7
45090	-38.2	130.1	125	-179.7
45100	-37.0	131.9	124	-179.4
45110	-37.8	133.7	122	-179.4
45120	-39.9	135.4	120	-179.7
45130	-41.0	137.2	118	-179.7
45140	-41.6	139.0	116	-179.7
45150	-41.6	140.8	115	-179.9
45160	-41.8	142.6	113	-179.9
45170	-41.6	144.4	111	-180.2
45180	-40.8	146.2	109	-179.7
45190	-40.1	148.0	107	-179.7
45200	-40.1	149.8	106	-179.7
45210	-41.2	151.6	104	-179.7
45220	-42.0	153.4	102	-179.7
45230	-41.5	155.2	100	-180.2
45240	-39.6	157.0	98	-179.7
45250	-38.4	158.8	97	-179.1
45260	-38.1	160.6	95	-179.4
45270	-38.9	162.4	93	-179.4
45280	-39.2	164.2	91	-179.7
45290	-39.3	166.0	89	-179.7
45300	-38.6	167.8	88	-179.4

45310	-38.1	169.6	86	-178.9
45320	-37.2	171.4	84	-179.7
45330	-35.8	173.2	82	-179.4
45340	-34.8	175.0	80	-179.4
45350	-34.2	176.8	79	-179.7
45360	-33.5	178.6	77	-179.7
45370	-33.2	180.4	75	-179.4
45380	-32.3	182.2	73	-179.1
45390	-31.3	184.0	71	-179.1
45400	-30.2	185.7	70	-179.1
45410	-29.6	187.5	68	-179.1
45420	-28.2	189.3	66	-179.7
45430	-26.7	191.1	64	-179.1
45440	-25.8	192.9	63	-179.1
45450	-25.9	194.7	61	-179.7
45460	-26.7	196.5	59	-179.4
45470	-27.7	198.3	57	-179.7
45480	-26.7	200.1	55	-179.9
45490	-25.4	201.9	54	-179.4
45500	-24.0	203.7	52	-179.4
45510	-22.8	205.5	50	-179.1
45520	-21.7	207.3	48	-179.1
45530	-20.5	209.1	46	-179.1
45540	-19.3	210.9	45	-179.4
45550	-18.8	212.7	43	-179.4
45560	-19.1	214.5	41	-179.4
45570	-19.3	216.3	39	-179.7
45580	-18.0	218.0	37	-179.1
45590	-15.9	219.8	36	-179.1
45600	-13.6	221.6	34	-179.4
45610	-11.9	223.4	32	-179.1
45620	-10.8	225.2	30	-179.1
45630	-9.6	227.0	28	-179.4
45640	-6.5	228.8	27	-179.1
45650	-1.6	230.6	25	-178.9
45660	-2.0	232.4	23	-178.9
45670	-2.6	234.2	21	-178.6
45680	-6.1	236.0	19	-178.9
45690	-6.8	237.8	18	-179.7
45700	-6.5	239.5	16	-179.7
45710	-4.5	241.3	14	-179.4
45720	-1.9	243.1	12	-179.4
45730	-1.5	244.9	11	-179.1
45740	-1.5	246.7	9	-178.9
45750	-0.9	248.5	7	-178.3
45760	6.2	250.3	5	-177.0
45770	11.1	252.0	3	-168.5
45780	12.5	253.6	2	-164.2
45790	10.0	255.3	0	-160.0
45800	9.1	256.8	-1	-156.2
45810	11.7	258.4	-3	-152.8
45820	18.2	259.9	-4	-147.7
45830	17.9	261.1	-6	-126.1
45840	4.1	262.2	-7	-90.5

45850	-1.6	263.1	-8	-82.5
45860	-0.9	263.8	-8	-59.6
45870	-3.9	264.3	-9	-51.9
45880	-0.7	264.7	-9	-37.0
45890	0.7	265.1	-10	-35.6
45900	11.4	265.4	-10	-25.5
45910	34.6	265.6	-10	-14.9
45920	45.0	265.6	-10	-4.7
45930	43.1	265.6	-10	3.9
45940	33.8	265.5	-10	13.3
45950	21.0	265.3	-10	19.7
45960	13.4	265.0	-10	25.0
45970	14.5	264.7	-9	34.8
45980	22.9	264.4	-9	39.6
45990	31.6	264.0	-9	46.8
46000	34.2	263.5	-8	56.7
46010	30.5	262.9	-7	60.6
46020	23.1	262.2	-7	61.7
46030	18.3	261.5	-6	67.3
46040	18.6	260.7	-5	71.8
46050	23.2	259.9	-4	76.4
46060	27.9	258.9	-3	91.3
46070	27.8	258.0	-3	99.3
46080	22.6	256.9	-1	106.7
46090	16.1	255.8	0	113.1
46100	12.6	254.6	1	117.4
46110	14.0	253.4	2	120.5
46120	17.6	252.2	3	124.3
46130	21.6	250.9	5	129.1
46140	21.3	249.6	6	134.9
46150	17.2	248.2	7	140.2
46160	12.1	246.8	9	144.8
46170	10.0	245.3	10	147.7
46180	12.1	243.8	12	150.1
46190	16.1	242.3	13	153.0
46200	18.0	240.7	15	157.0
46210	16.4	239.1	16	161.5
46220	12.7	237.5	18	165.3
46230	9.2	235.8	20	168.2
46240	7.9	234.1	21	170.3
46250	9.6	232.4	23	172.2
46260	12.2	230.6	25	174.6
46270	12.9	228.9	27	177.0
46280	11.7	227.1	28	179.4
46290	10.7	225.3	30	179.4
46300	10.3	223.5	32	179.4
46310	10.4	221.7	34	179.4
46320	11.0	219.9	36	179.4
46330	11.1	218.1	37	179.4
46340	10.7	216.3	39	179.4
46350	9.9	214.5	41	179.7
46360	9.2	212.7	43	179.7
46370	9.5	210.9	45	179.7
46380	11.1	209.1	46	179.7

46390	11.7	207.3	48	179.4
46400	8.1	205.5	50	179.4
46410	2.6	203.7	52	179.1
46420	1.5	201.9	54	179.1
46430	1.9	200.2	55	178.9
46440	4.3	198.4	57	178.6
46450	8.9	196.6	59	179.1
46460	12.2	194.8	61	179.9
46470	10.8	193.0	62	179.9
46480	6.4	191.2	64	179.7
46490	2.3	189.4	66	179.4
46500	1.9	187.6	68	179.4
46510	3.3	185.8	70	178.9
46520	6.5	184.0	71	179.4
46530	8.7	182.2	73	179.9
46540	8.5	180.4	75	179.9
46550	7.7	178.6	77	179.9
46560	7.6	176.8	79	179.7
46570	7.9	175.0	80	179.7
46580	8.9	173.2	82	179.9
46590	9.6	171.4	84	179.9
46600	9.9	169.6	86	180.2
46610	10.0	167.8	88	179.7
46620	9.8	166.0	89	179.9
46630	9.4	164.2	91	179.7
46640	9.4	162.4	93	179.9
46650	10.7	160.6	95	179.9
46660	11.8	158.8	97	179.9
46670	12.2	157.0	98	180.2
46680	13.0	155.2	100	180.2
46690	14.1	153.4	102	179.9
46700	15.3	151.6	104	179.9
46710	16.0	149.8	106	180.2
46720	16.4	148.0	107	179.9
46730	16.3	146.2	109	180.2
46740	16.0	144.4	111	179.9
46750	16.4	142.6	113	179.9
46760	16.5	140.8	115	179.7
46770	16.7	139.0	116	179.9
46780	16.8	137.2	118	179.7
46790	16.8	135.4	120	179.9
46800	16.8	133.6	122	179.9
46810	16.0	131.8	124	179.7
46820	15.2	130.0	125	179.7
46830	14.8	128.2	127	179.7
46840	14.5	126.4	129	179.7
46850	14.6	124.6	131	179.9
46860	15.2	122.8	133	179.7
46870	14.9	121.0	134	179.7
46880	14.1	119.2	136	179.7
46890	13.3	117.4	138	179.7
46900	12.3	115.7	140	179.7
46910	11.4	113.9	142	179.4
46920	9.6	112.1	143	179.4

46930	8.3	110.3	145	179.4
46940	6.5	108.5	147	179.1
46950	5.4	106.7	149	179.4
46960	4.6	104.9	151	179.4
46970	3.4	103.1	152	179.4
46980	2.3	101.3	154	179.4
46990	1.8	99.5	156	179.1
47000	1.5	97.7	158	178.9
47010	1.4	95.9	160	178.9
47020	1.2	94.1	161	178.3
47030	0.7	92.4	163	177.5
47040	-5.6	90.6	165	175.4
47050	-12.5	88.9	167	171.9
47060	-13.6	87.2	168	167.1
47070	-9.6	85.6	170	163.1
47080	-4.9	83.9	172	160.2
47090	-3.7	82.4	173	158.4
47100	-6.5	80.8	175	156.0
47110	-9.9	79.3	176	134.4
47120	-1.8	78.1	177	121.6
47130	2.3	77.0	178	86.2
47140	13.7	76.2	179	76.9
47150	22.1	75.6	180	54.8
47160	17.2	75.1	180	47.9
47170	-0.7	74.7	181	36.4
47180	-6.2	74.4	181	24.7
47190	-22.4	74.2	181	19.7
47200	-25.9	74.0	181	13.0
47210	-25.0	74.0	181	3.9
47220	-17.2	74.0	181	-1.5
47230	-12.6	74.0	181	-4.7
47240	-11.7	74.1	181	-7.9
47250	-17.6	74.2	181	-11.9
47260	-23.9	74.3	181	-17.5
47270	-26.2	74.5	181	-21.8
47280	-25.0	74.8	181	-25.8
47290	-22.2	75.1	180	-31.9
47300	-22.1	75.5	180	-37.2
47310	-26.7	76.0	179	-52.4
47320	-29.6	76.5	179	-54.8
47330	-33.0	77.1	178	-56.9
47340	-37.3	77.8	178	-79.8
47350	-37.2	78.6	177	-90.7
47360	-31.5	79.5	176	-101.6
47370	-24.7	80.5	175	-111.2
47380	-21.6	81.6	174	-107.5
47390	-24.0	82.7	173	-114.2
47400	-30.0	83.9	172	-120.5
47410	-34.4	85.2	170	-129.3
47420	-34.2	86.5	169	-138.7
47430	-30.2	88.0	167	-148.2
47440	-26.2	89.5	166	-156.0
47450	-25.6	91.1	164	-163.4
47460	-27.9	92.8	163	-169.8

47470	-30.9	94.6	161	-176.2
47480	-36.3	96.3	159	-177.0
47490	-40.8	98.1	157	-177.8
47500	-41.9	99.9	156	-178.9
47510	-41.0	101.7	154	-178.9
47520	-39.3	103.5	152	-178.9
47530	-39.6	105.3	150	-179.1
47540	-42.2	107.1	148	-179.7
47550	-44.3	108.9	147	-179.7
47560	-44.6	110.7	145	-179.9
47570	-43.4	112.5	143	-179.7
47580	-41.5	114.3	141	-179.4
47590	-40.3	116.1	139	-179.4
47600	-40.4	117.9	138	-179.4
47610	-41.6	119.7	136	-179.4
47620	-43.4	121.4	134	-179.7
47630	-44.6	123.2	132	-179.7
47640	-44.3	125.0	130	-179.9
47650	-43.0	126.8	129	-179.9
47660	-40.3	128.6	127	-179.7
47670	-38.4	130.4	125	-179.1
47680	-38.6	132.2	123	-179.1
47690	-41.0	134.0	121	-179.4
47700	-43.5	135.8	120	-179.9
47710	-45.4	137.6	118	-179.9
47720	-46.1	139.4	116	-179.9
47730	-46.1	141.2	114	-179.9
47740	-45.8	143.0	112	-179.9
47750	-45.3	144.8	111	-179.9
47760	-44.5	146.6	109	-179.7
47770	-44.3	148.4	107	-179.7
47780	-44.9	150.2	105	-179.4
47790	-45.7	152.0	103	-179.9
47800	-45.6	153.8	102	-179.9
47810	-44.2	155.6	100	-179.7
47820	-41.8	157.4	98	-179.7
47830	-40.3	159.2	96	-179.1
47840	-40.0	161.0	94	-179.4
47850	-40.1	162.8	93	-179.7
47860	-40.1	164.6	91	-179.7
47870	-39.9	166.4	89	-179.4
47880	-39.7	168.2	87	-179.1
47890	-39.5	170.0	85	-179.1
47900	-38.8	171.8	84	-179.4
47910	-38.0	173.6	82	-179.4
47920	-37.0	175.3	80	-179.4
47930	-36.3	177.1	78	-179.7
47940	-36.2	178.9	77	-179.7
47950	-36.2	180.7	75	-179.7
47960	-35.7	182.5	73	-179.4
47970	-34.8	184.3	71	-179.4
47980	-34.0	186.1	69	-179.4
47990	-33.2	187.9	68	-179.1
48000	-31.5	189.7	66	-179.4

48010	-29.8	191.5	64	-179.1
48020	-28.5	193.3	62	-179.1
48030	-28.2	195.1	60	-179.4
48040	-28.5	196.9	59	-179.7
48050	-28.6	198.7	57	-179.4
48060	-27.8	200.5	55	-179.7
48070	-26.6	202.3	53	-179.1
48080	-25.1	204.1	51	-179.1
48090	-23.6	205.9	50	-179.1
48100	-21.4	207.6	48	-179.1
48110	-19.1	209.4	46	-179.1
48120	-17.1	211.2	44	-179.1
48130	-16.8	213.0	42	-179.1
48140	-17.5	214.8	41	-179.4
48150	-18.4	216.6	39	-179.7
48160	-17.9	218.4	37	-179.7
48170	-16.4	220.2	35	-179.4
48180	-14.1	222.0	33	-179.4
48190	-12.3	223.8	32	-179.4
48200	-11.0	225.6	30	-179.1
48210	0.0	227.4	28	-179.7
48220	15.1	229.2	26	-178.1
48230	26.8	230.9	25	-166.9
48240	17.2	232.5	23	-157.0
48250	-5.2	234.0	21	-151.7
48260	-5.4	235.5	20	-151.7
48270	-16.3	237.0	18	-154.1
48280	-16.8	238.6	17	-159.2
48290	-16.4	240.3	15	-165.3
48300	-4.1	241.9	14	-169.0
48310	-0.8	243.6	12	-169.8
48320	1.6	245.3	10	-169.0
48330	9.1	247.0	8	-166.6
48340	7.5	248.6	7	-163.4
48350	0.0	250.3	5	-160.7
48360	-2.4	251.9	4	-160.2
48370	-1.8	253.5	2	-160.2
48380	-1.6	255.1	0	-159.7
48390	-1.8	256.7	-1	-159.4
48400	-1.2	258.2	-3	-159.4
48410	-0.9	259.8	-4	-142.9
48420	-0.5	261.2	-6	-124.3
48430	-2.3	262.4	-7	-108.0
48440	-18.2	263.3	-8	-76.4
48450	-38.6	264.0	-9	-67.6
48460	-41.8	264.6	-9	-52.7
48470	-30.1	265.0	-10	-40.4
48480	-9.2	265.4	-10	-33.0
48490	0.5	265.6	-10	-22.3
48500	11.9	265.8	-10	-14.9
48510	25.6	265.9	-10	-11.4
48520	31.1	265.9	-10	-2.9
48530	27.7	265.9	-10	1.5
48540	20.3	265.9	-10	7.4

48550	13.4	265.7	-10	11.9
48560	11.0	265.6	-10	15.9
48570	13.3	265.4	-10	18.9
48580	17.0	265.1	-10	22.6
48590	20.1	264.8	-9	27.4
48600	20.9	264.5	-9	32.4
48610	20.7	264.1	-9	37.8
48620	20.6	263.6	-8	42.8
48630	22.1	263.1	-8	48.1
48640	24.4	262.5	-7	53.7
48650	26.0	261.9	-6	59.9
48660	25.9	261.2	-6	66.0
48670	23.5	260.4	-5	72.1
48680	20.7	259.5	-4	86.2
48690	19.1	258.6	-3	91.8
48700	18.8	257.6	-2	97.1
48710	19.9	256.6	-1	102.4
48720	21.7	255.5	0	107.8
48730	22.1	254.4	1	113.9
48740	20.2	253.2	2	119.8
48750	17.5	252.0	3	125.3
48760	15.5	250.7	5	129.9
48770	14.6	249.4	6	133.9
48780	14.9	248.0	7	137.6
48790	15.5	246.6	9	141.6
48800	16.1	245.2	10	145.6
48810	15.7	243.7	12	149.8
48820	14.9	242.2	13	153.6
48830	13.8	240.6	15	157.0
48840	13.3	239.0	16	160.5
48850	13.0	237.4	18	163.4
48860	12.2	235.7	20	166.6
48870	10.6	234.0	21	169.5
48880	9.1	232.3	23	171.4
48890	8.8	230.6	25	173.8
48900	6.9	228.8	27	175.4
48910	2.2	227.1	28	176.2
48920	0.9	225.3	30	176.5
48930	2.0	223.5	32	176.2
48940	6.8	221.8	34	176.2
48950	15.9	220.0	35	177.5
48960	18.4	218.2	37	179.9
48970	13.4	216.4	39	179.4
48980	7.5	214.6	41	179.1
48990	2.8	212.8	43	179.1
49000	2.6	211.0	44	178.9
49010	6.1	209.2	46	179.4
49020	11.0	207.4	48	179.7
49030	12.7	205.6	50	179.9
49040	11.8	203.8	52	180.2
49050	8.5	202.0	53	179.9
49060	5.4	200.3	55	179.4
49070	3.8	198.5	57	179.4
49080	4.9	196.7	59	179.4

49090	7.7	194.9	61	179.4
49100	10.6	193.1	62	179.9
49110	11.5	191.3	64	179.9
49120	10.0	189.5	66	179.7
49130	8.3	187.7	68	179.9
49140	7.1	185.9	70	179.7
49150	7.7	184.1	71	179.7
49160	9.2	182.3	73	179.7
49170	10.3	180.5	75	179.9
49180	10.8	178.7	77	179.9
49190	11.4	176.9	79	179.9
49200	10.4	175.1	80	179.9
49210	9.8	173.3	82	179.7
49220	9.1	171.5	84	179.7
49230	8.9	169.7	86	179.9
49240	9.6	167.9	88	179.7
49250	10.3	166.1	89	179.7
49260	11.1	164.3	91	179.9
49270	11.3	162.5	93	179.7
49280	11.4	160.7	95	179.9
49290	11.4	158.9	97	179.7
49300	11.4	157.1	98	179.9
49310	12.3	155.3	100	179.7
49320	13.6	153.5	102	179.9
49330	14.8	151.7	104	180.2
49340	15.5	149.9	106	179.9
49350	15.1	148.1	107	180.2
49360	14.2	146.3	109	179.9
49370	13.6	144.5	111	179.7
49380	13.8	142.7	113	179.9
49390	14.1	140.9	115	179.7
49400	14.2	139.1	116	179.9
49410	14.1	137.3	118	179.9
49420	14.0	135.5	120	179.9
49430	13.8	133.7	122	179.9
49440	14.0	131.9	124	179.7
49450	13.7	130.1	125	179.9
49460	13.6	128.3	127	179.9
49470	13.3	126.5	129	179.4
49480	12.6	124.7	131	179.7
49490	12.2	122.9	133	179.7
49500	11.5	121.1	134	179.7
49510	11.1	119.3	136	179.7
49520	11.0	117.5	138	179.4
49530	10.7	115.7	140	179.7
49540	10.3	113.9	142	179.7
49550	8.9	112.1	143	179.7
49560	7.9	110.4	145	179.4
49570	6.6	108.6	147	179.4
49580	6.1	106.8	149	179.4
49590	5.7	105.0	150	179.4
49600	4.9	103.2	152	179.4
49610	3.7	101.4	154	179.4
49620	2.4	99.6	156	179.1

49630	1.8	97.8	158	179.4
49640	1.6	96.0	159	179.4
49650	1.5	94.2	161	178.6
49660	1.4	92.4	163	178.3
49670	1.4	90.6	165	177.8
49680	0.9	88.9	167	176.2
49690	-3.5	87.1	168	175.1
49700	-11.1	85.4	170	173.0
49710	-13.6	83.7	172	168.5
49720	-10.4	82.0	173	163.7
49730	-5.0	80.4	175	160.2
49740	0.0	79.0	176	150.6
49750	2.3	77.7	178	105.9
49760	16.4	76.7	179	92.6
49770	32.1	75.9	180	80.1
49780	32.8	75.3	180	57.2
49790	15.6	74.9	181	43.3
49800	-1.9	74.5	181	34.3
49810	-8.7	74.3	181	24.2
49820	-21.7	74.1	181	18.6
49830	-21.7	73.9	182	10.9
49840	-19.9	73.9	182	3.9
49850	-13.8	73.9	182	-1.0
49860	-12.2	73.9	182	-2.1
49870	-14.2	73.9	182	-6.1
49880	-18.6	74.0	181	-10.6
49890	-22.4	74.2	181	-16.7
49900	-27.7	74.4	181	-23.6
49910	-28.6	74.6	181	-31.6
49920	-25.9	75.0	180	-39.6
49930	-24.7	75.4	180	-47.3
49940	-27.4	75.9	180	-49.5
49950	-34.6	76.4	179	-51.9
49960	-40.1	77.1	178	-73.7
49970	-39.9	77.8	178	-85.9
49980	-33.5	78.7	177	-97.4
49990	-25.2	79.7	176	-107.2
50000	-20.6	80.7	175	-114.4
50010	-22.0	81.8	174	-109.9
50020	-27.0	82.9	173	-116.6
50030	-30.6	84.1	171	-124.0
50040	-30.0	85.4	170	-132.5
50050	-27.0	86.8	169	-140.8
50060	-24.1	88.3	167	-148.0
50070	-25.1	89.8	166	-154.4
50080	-27.1	91.4	164	-161.5
50090	-29.2	93.1	162	-168.7
50100	-28.2	94.8	161	-175.7
50110	-29.2	96.6	159	-176.5
50120	-32.1	98.4	157	-176.7
50130	-35.8	100.1	155	-176.7
50140	-38.0	101.9	154	-177.8
50150	-38.5	103.7	152	-178.3
50160	-38.2	105.5	150	-178.9

50170	-38.5	107.3	148	-179.1
50180	-38.0	109.1	146	-179.4
50190	-37.2	110.9	145	-179.4
50200	-36.2	112.6	143	-179.4
50210	-35.5	114.4	141	-179.1
50220	-36.1	116.2	139	-179.1
50230	-37.3	118.0	137	-179.4
50240	-38.6	119.8	136	-179.7
50250	-39.6	121.6	134	-179.7
50260	-40.7	123.4	132	-179.9
50270	-41.4	125.2	130	-179.9
50280	-40.7	127.0	128	-179.9
50290	-39.2	128.8	127	-179.7
50300	-37.4	130.6	125	-179.4
50310	-36.6	132.4	123	-179.7
50320	-37.4	134.2	121	-179.7
50330	-38.4	136.0	119	-179.7
50340	-39.3	137.8	118	-179.4
50350	-39.7	139.6	116	-179.7
50360	-39.5	141.4	114	-179.9
50370	-39.3	143.2	112	-179.7
50380	-38.9	145.0	110	-179.7
50390	-37.4	146.8	109	-179.7
50400	-36.6	148.6	107	-179.7
50410	-37.3	150.4	105	-179.4
50420	-38.5	152.2	103	-179.7
50430	-39.2	154.0	101	-179.7
50440	-38.9	155.8	100	-179.7
50450	-37.8	157.6	98	-179.9
50460	-36.9	159.4	96	-179.4
50470	-37.0	161.2	94	-179.4
50480	-37.3	163.0	92	-179.9
50490	-37.0	164.8	91	-179.7
50500	-36.5	166.6	89	-179.7
50510	-35.9	168.4	87	-179.4
50520	-35.3	170.1	85	-179.1
50530	-34.0	171.9	84	-179.7
50540	-32.8	173.7	82	-179.7
50550	-31.5	175.5	80	-179.4
50560	-30.6	177.3	78	-179.4
50570	-30.1	179.1	76	-179.7
50580	-29.6	180.9	75	-179.4
50590	-28.1	182.7	73	-179.4
50600	-26.7	184.5	71	-179.4
50610	-25.8	186.3	69	-179.1
50620	-24.4	188.1	67	-179.1
50630	-23.2	189.9	66	-179.4
50640	-21.7	191.7	64	-179.4
50650	-20.5	193.5	62	-179.4
50660	-20.1	195.3	60	-179.4
50670	-20.1	197.0	58	-179.4
50680	-19.5	198.8	57	-179.4
50690	-17.9	200.6	55	-179.7
50700	-16.1	202.4	53	-179.4

50710	-15.2	204.2	51	-179.1
50720	-14.2	206.0	49	-179.4
50730	-13.2	207.8	48	-179.4
50740	-12.2	209.6	46	-179.1
50750	-10.6	211.4	44	-179.1
50760	-10.7	213.2	42	-179.7
50770	-11.7	215.0	40	-179.4
50780	-12.2	216.8	39	-179.7
50790	-11.7	218.6	37	-179.7
50800	-10.3	220.4	35	-179.1
50810	-9.1	222.2	33	-179.7
50820	-7.1	224.0	31	-179.4
50830	-4.1	225.8	30	-179.4
50840	-1.9	227.5	28	-179.1
50850	-1.8	229.3	26	-178.9
50860	-2.0	231.1	24	-178.6
50870	-2.2	232.9	23	-178.6
50880	-2.8	234.7	21	-178.6
50890	-3.3	236.5	19	-178.3
50900	-2.3	238.3	17	-178.3
50910	-1.5	240.0	15	-178.3
50920	-1.4	241.8	14	-177.5
50930	-1.2	243.6	12	-176.7
50940	1.9	245.3	10	-171.7
50950	11.0	247.0	8	-169.0
50960	17.6	248.7	7	-164.5
50970	17.5	250.3	5	-158.1
50980	12.1	251.8	4	-152.2
50990	7.2	253.3	2	-148.5
51000	6.5	254.8	1	-145.6
51010	9.9	256.2	-1	-142.9
51020	15.2	257.6	-2	-138.4
51030	19.0	258.9	-3	-132.8
51040	20.1	260.2	-5	-125.1
51050	11.4	261.3	-6	-103.5
51060	-0.5	262.2	-7	-77.7
51070	-1.5	262.9	-7	-72.4
51080	-0.7	263.5	-8	-59.1
51090	0.0	264.1	-9	-53.2
51100	5.3	264.5	-9	-39.4
51110	21.6	264.8	-9	-27.1
51120	33.1	265.0	-10	-23.1
51130	35.5	265.2	-10	-11.1
51140	30.1	265.2	-10	-0.7
51150	23.9	265.2	-10	1.3
51160	19.9	265.1	-10	7.4
51170	19.7	265.0	-10	11.9
51180	22.5	264.8	-9	17.3
51190	25.4	264.6	-9	22.8
51200	25.8	264.3	-9	29.2

ISOK_EXERC_FLEX_EXT_180_R_SIDE
01/08
Set #6

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	0.0	245.4	10	0.0
10	0.4	245.4	10	0.5
20	-0.3	245.3	10	1.3
30	-0.8	245.3	10	0.2
40	-0.1	245.3	10	0.0
50	0.3	245.3	10	0.0
60	0.4	245.3	10	0.2
70	0.0	245.3	10	0.7
80	-0.5	245.3	10	0.5
90	-0.4	245.3	10	0.0
100	0.0	245.3	10	0.0
110	0.3	245.3	10	0.0
120	0.3	245.3	10	0.2
130	0.3	245.3	10	0.0
140	0.0	245.3	10	0.5
150	-0.4	245.3	10	0.7
160	-0.3	245.3	10	0.0
170	0.0	245.3	10	0.5
180	0.3	245.3	10	0.2
190	0.3	245.3	10	0.2
200	-0.1	245.3	10	0.5
210	-0.7	245.3	10	0.5
220	-0.7	245.3	10	0.0
230	-0.3	245.3	10	0.0
240	-0.1	245.3	10	0.0
250	0.0	245.3	10	0.0
260	-0.1	245.3	10	0.0
270	-0.3	245.3	10	0.0
280	-0.4	245.3	10	0.0
290	-0.5	245.3	10	0.0
300	-0.4	245.3	10	0.0
310	-0.3	245.3	10	0.0
320	-0.1	245.3	10	0.0
330	0.0	245.3	10	0.0
340	0.0	245.3	10	0.0
350	-0.1	245.3	10	0.0
360	-0.1	245.3	10	0.0
370	-0.1	245.3	10	0.0
380	-0.1	245.3	10	0.0
390	0.0	245.3	10	0.2
400	0.0	245.3	10	0.0
410	0.0	245.3	10	0.0
420	-0.1	245.3	10	0.0
430	-0.1	245.3	10	0.0
440	-0.1	245.3	10	0.0
450	-0.1	245.3	10	0.0
460	0.0	245.3	10	0.0
470	0.0	245.3	10	0.0
480	0.0	245.3	10	0.0

490	0.0	245.3	10	0.0
500	0.0	245.3	10	0.0
510	-0.1	245.3	10	-0.2
520	-0.1	245.3	10	0.0
530	-0.1	245.3	10	-0.2
540	-0.1	245.3	10	0.0
550	-0.1	245.3	10	0.0
560	-0.1	245.3	10	0.0
570	-0.1	245.3	10	0.0
580	-0.1	245.3	10	0.0
590	-0.1	245.3	10	0.0
600	-0.1	245.3	10	0.0
610	-0.1	245.3	10	0.0
620	0.0	245.3	10	0.0
630	0.0	245.3	10	0.0
640	0.0	245.3	10	0.0
650	0.0	245.3	10	0.0
660	-0.1	245.3	10	0.0
670	-0.1	245.3	10	0.0
680	-0.1	245.3	10	0.0
690	-0.1	245.3	10	-0.2
700	-0.1	245.3	10	-0.2
710	-0.1	245.3	10	-0.2
720	-0.1	245.3	10	-0.2
730	0.0	245.3	10	-0.2
740	0.0	245.3	10	-0.2
750	0.0	245.3	10	-0.2
760	0.0	245.3	10	-0.2
770	0.0	245.3	10	-0.2
780	-0.1	245.3	10	0.0
790	-0.1	245.3	10	-0.2
800	-0.1	245.3	10	-0.2
810	-0.1	245.3	10	-0.5
820	-0.1	245.3	10	-0.7
830	0.0	245.3	10	-0.2
840	0.0	245.3	10	-0.2
850	0.0	245.3	10	-0.5
860	0.0	245.3	10	-0.5
870	0.0	245.4	10	-0.7
880	0.0	245.4	10	-0.5
890	0.0	245.4	10	-0.2
900	0.0	245.4	10	-0.5
910	0.0	245.4	10	-0.7
920	-0.1	245.4	10	-0.7
930	-0.1	245.4	10	-0.5
940	-0.1	245.4	10	-0.5
950	-0.3	245.4	10	-0.7
960	-0.3	245.4	10	-0.5
970	-0.3	245.4	10	-0.7
980	-0.1	245.4	10	-1.0
990	-0.1	245.4	10	-0.7
1000	0.0	245.4	10	-0.7
1010	0.0	245.5	10	-1.0
1020	0.0	245.5	10	-1.0

1030	0.0	245.5	10	-0.7
1040	-0.1	245.5	10	-1.0
1050	-0.1	245.5	10	-0.7
1060	0.0	245.5	10	-0.7
1070	0.0	245.5	10	-0.7
1080	0.0	245.5	10	-0.7
1090	0.0	245.5	10	-0.7
1100	0.0	245.5	10	-0.7
1110	0.0	245.5	10	-0.7
1120	0.0	245.6	10	-0.7
1130	0.0	245.6	10	-0.7
1140	0.0	245.6	10	-0.7
1150	0.0	245.6	10	-0.7
1160	0.0	245.6	10	-0.7
1170	0.1	245.6	10	-0.7
1180	0.3	245.6	10	-0.7
1190	0.1	245.6	10	-0.5
1200	0.0	245.6	10	-0.5
1210	-0.3	245.6	10	-0.5
1220	-0.1	245.6	10	-1.0
1230	0.0	245.6	10	-0.7
1240	-0.1	245.6	10	-0.5
1250	-0.1	245.6	10	-0.5
1260	0.0	245.7	10	-1.0
1270	0.0	245.7	10	-0.5
1280	-0.3	245.7	10	-0.2
1290	-0.1	245.7	10	-0.7
1300	0.1	245.7	10	-1.0
1310	0.1	245.7	10	-0.2
1320	-0.1	245.7	10	-0.2
1330	-0.1	245.7	10	-0.5
1340	0.3	245.7	10	-1.0
1350	0.3	245.7	10	-0.2
1360	0.0	245.7	10	0.0
1370	-0.3	245.7	10	-0.2
1380	0.0	245.7	10	-0.7
1390	0.4	245.7	10	-0.7
1400	0.1	245.7	10	0.0
1410	-0.1	245.7	10	0.0
1420	-0.3	245.7	10	-0.2
1430	0.0	245.7	10	-0.7
1440	0.4	245.7	10	-0.5
1450	0.0	245.7	10	0.0
1460	-0.1	245.7	10	0.0
1470	-0.4	245.7	10	0.0
1480	-0.1	245.7	10	-0.2
1490	0.0	245.7	10	-0.5
1500	0.4	245.8	10	-0.5
1510	0.0	245.8	10	0.0
1520	-0.5	245.8	10	0.0
1530	-0.5	245.8	10	-0.5
1540	-0.1	245.8	10	-1.0
1550	0.3	245.8	10	-0.7
1560	0.0	245.8	10	-0.2

1570	-0.4	245.8	10	0.0
1580	-0.5	245.8	10	-0.5
1590	0.0	245.8	10	-1.0
1600	0.3	245.8	10	-0.5
1610	0.0	245.8	10	0.0
1620	-0.3	245.8	10	-0.5
1630	0.0	245.8	10	-1.0
1640	0.0	245.8	10	-0.5
1650	-0.5	245.8	10	-0.2
1660	-0.8	245.8	10	-0.7
1670	-0.5	245.8	10	-1.3
1680	-0.5	245.9	10	-1.0
1690	-0.4	245.9	10	-1.3
1700	-0.4	245.9	10	-1.3
1710	-0.4	245.9	10	-1.3
1720	-0.4	245.9	10	-1.5
1730	-0.4	245.9	10	-1.5
1740	-0.3	245.9	10	-1.5
1750	-0.3	246.0	9	-1.8
1760	-0.5	246.0	9	-1.8
1770	-1.1	246.0	9	-2.3
1780	-1.5	246.0	9	-2.6
1790	-1.6	246.1	9	-3.1
1800	-1.5	246.1	9	-3.7
1810	-1.4	246.1	9	-3.9
1820	-1.4	246.2	9	-4.5
1830	-1.2	246.2	9	-4.7
1840	-1.2	246.3	9	-5.0
1850	-1.1	246.3	9	-5.3
1860	-0.9	246.4	9	-5.5
1870	-0.7	246.4	9	-5.8
1880	-0.1	246.5	9	-6.1
1890	1.1	246.6	9	-6.1
1900	2.6	246.6	9	-5.3
1910	3.3	246.7	9	-4.2
1920	3.0	246.7	9	-2.9
1930	3.0	246.7	9	-2.1
1940	4.5	246.7	9	-1.3
1950	7.6	246.7	9	0.2
1960	12.1	246.7	9	0.5
1970	14.6	246.7	9	4.7
1980	14.1	246.6	9	7.9
1990	10.8	246.5	9	11.7
2000	7.9	246.4	9	14.9
2010	6.8	246.2	9	17.5
2020	8.7	246.0	9	19.4
2030	11.5	245.8	10	21.8
2040	13.7	245.6	10	25.2
2050	13.3	245.3	10	29.2
2060	11.0	245.0	10	32.7
2070	8.7	244.6	11	36.2
2080	8.1	244.2	11	38.6
2090	10.0	243.8	12	40.7
2100	12.9	243.4	12	43.6

2110	14.9	242.9	13	47.3
2120	14.6	242.4	13	51.6
2130	12.6	241.9	14	55.3
2140	10.8	241.3	14	58.8
2150	10.0	240.7	15	62.0
2160	11.1	240.0	15	64.9
2170	12.9	239.4	16	67.6
2180	14.2	238.7	17	71.0
2190	14.0	237.9	18	75.0
2200	12.5	237.2	18	79.0
2210	10.8	236.3	19	82.2
2220	10.2	235.5	20	85.1
2230	10.7	234.6	21	87.8
2240	11.9	233.7	22	90.7
2250	13.4	232.8	23	93.7
2260	13.8	231.8	24	97.4
2270	12.3	230.8	25	100.8
2280	11.3	229.8	26	104.3
2290	10.3	228.7	27	107.2
2300	10.8	227.6	28	109.9
2310	11.9	226.5	29	112.6
2320	12.3	225.4	30	115.5
2330	12.3	224.2	31	118.7
2340	11.9	223.0	32	121.9
2350	11.7	221.7	34	124.8
2360	12.1	220.5	35	128.0
2370	12.9	219.2	36	130.9
2380	13.6	217.8	38	133.9
2390	13.0	216.5	39	137.3
2400	11.7	215.1	40	140.2
2410	10.4	213.7	42	143.2
2420	9.2	212.2	43	145.6
2430	8.9	210.7	45	147.7
2440	9.9	209.2	46	149.8
2450	11.9	207.7	48	152.2
2460	12.7	206.2	49	154.9
2470	11.8	204.6	51	157.6
2480	9.8	203.0	52	160.5
2490	8.4	201.4	54	162.9
2500	8.9	199.7	56	164.5
2510	10.6	198.1	57	166.6
2520	13.6	196.4	59	169.3
2530	14.6	194.7	61	172.2
2540	13.2	192.9	63	175.7
2550	10.7	191.2	64	178.6
2560	9.8	189.4	66	178.9
2570	12.2	187.6	68	179.4
2580	16.3	185.8	70	179.7
2590	19.4	184.0	71	179.9
2600	19.9	182.2	73	180.2
2610	17.6	180.4	75	179.7
2620	15.3	178.6	77	179.7
2630	14.4	176.8	79	179.4
2640	14.2	175.0	80	179.7

2650	15.5	173.2	82	179.7
2660	16.1	171.4	84	179.7
2670	16.1	169.6	86	179.7
2680	15.7	167.8	88	179.7
2690	15.1	166.0	89	179.7
2700	14.6	164.2	91	179.9
2710	14.6	162.4	93	179.7
2720	15.6	160.6	95	179.7
2730	16.3	158.8	97	179.9
2740	16.0	157.0	98	179.7
2750	15.9	155.2	100	179.7
2760	15.7	153.4	102	179.7
2770	16.1	151.6	104	179.7
2780	16.0	149.8	106	179.7
2790	15.6	148.0	107	179.7
2800	14.9	146.2	109	179.7
2810	14.5	144.4	111	179.4
2820	14.9	142.6	113	179.7
2830	15.3	140.8	115	179.4
2840	15.5	139.0	116	179.7
2850	15.2	137.2	118	179.9
2860	15.1	135.4	120	179.7
2870	14.8	133.7	122	179.7
2880	14.1	131.9	124	179.7
2890	13.0	130.1	125	179.4
2900	12.1	128.3	127	179.7
2910	10.7	126.5	129	179.4
2920	9.8	124.7	131	179.4
2930	9.2	122.9	133	179.4
2940	8.5	121.1	134	179.4
2950	7.7	119.3	136	179.1
2960	7.3	117.5	138	179.4
2970	6.9	115.7	140	179.4
2980	6.2	113.9	142	179.7
2990	5.0	112.1	143	179.4
3000	3.9	110.3	145	179.4
3010	2.6	108.5	147	179.1
3020	1.8	106.7	149	179.1
3030	1.6	104.9	151	179.1
3040	1.5	103.2	152	178.6
3050	1.4	101.4	154	178.3
3060	1.2	99.6	156	177.8
3070	1.1	97.8	158	176.7
3080	-1.1	96.1	159	175.1
3090	-6.2	94.3	161	173.5
3100	-8.8	92.6	163	170.3
3110	-7.1	90.9	165	166.9
3120	-3.3	89.3	166	164.2
3130	-2.6	87.7	168	162.6
3140	-5.7	86.0	169	161.0
3150	-10.6	84.5	171	157.8
3160	-13.7	82.9	173	153.6
3170	-13.2	81.4	174	148.8
3180	-11.4	80.0	175	144.2

3190	-4.2	78.7	177	126.9
3200	1.6	77.6	178	92.1
3210	9.6	76.7	179	90.2
3220	19.9	76.0	179	66.8
3230	17.2	75.5	180	53.5
3240	5.4	75.0	180	42.3
3250	-1.1	74.7	181	29.5
3260	-8.9	74.4	181	25.5
3270	-22.4	74.2	181	19.9
3280	-26.7	74.1	181	11.4
3290	-22.5	74.0	181	4.2
3300	-15.1	74.0	181	-0.7
3310	-13.0	74.0	181	-2.1
3320	-15.1	74.1	181	-6.3
3330	-21.2	74.1	181	-10.6
3340	-23.9	74.3	181	-17.0
3350	-23.9	74.5	181	-24.2
3360	-21.4	74.8	181	-31.4
3370	-21.2	75.1	180	-37.8
3380	-24.4	75.5	180	-40.1
3390	-29.0	75.9	180	-42.3
3400	-34.3	76.5	179	-60.6
3410	-38.9	77.1	178	-64.6
3420	-40.3	77.8	178	-67.6
3430	-36.9	78.6	177	-77.2
3440	-30.2	79.5	176	-85.9
3450	-25.6	80.6	175	-103.5
3460	-26.0	81.7	174	-110.7
3470	-30.2	82.9	173	-118.4
3480	-34.2	84.1	171	-126.4
3490	-34.3	85.4	170	-136.3
3500	-31.3	86.9	169	-145.3
3510	-27.8	88.4	167	-154.1
3520	-27.5	90.0	165	-161.3
3530	-30.1	91.7	164	-169.3
3540	-33.6	93.4	162	-176.2
3550	-39.3	95.2	160	-177.0
3560	-44.7	97.0	158	-178.1
3570	-47.7	98.7	157	-178.9
3580	-48.3	100.5	155	-179.1
3590	-47.9	102.3	153	-179.4
3600	-46.9	104.1	151	-179.4
3610	-47.9	105.9	150	-179.4
3620	-49.5	107.7	148	-179.7
3630	-49.5	109.5	146	-179.7
3640	-47.6	111.3	144	-179.4
3650	-45.2	113.1	142	-179.4
3660	-43.0	114.9	141	-179.4
3670	-41.8	116.7	139	-179.1
3680	-42.0	118.5	137	-179.4
3690	-42.8	120.3	135	-179.4
3700	-43.4	122.1	133	-179.4
3710	-43.5	123.9	132	-179.7
3720	-42.7	125.7	130	-179.4

3730	-40.7	127.5	128	-179.4
3740	-38.6	129.3	126	-179.1
3750	-37.8	131.0	124	-179.1
3760	-38.6	132.8	123	-179.4
3770	-40.7	134.6	121	-179.4
3780	-42.0	136.4	119	-179.9
3790	-42.4	138.2	117	-179.9
3800	-41.5	140.0	115	-179.7
3810	-40.3	141.8	114	-179.9
3820	-39.9	143.6	112	-179.4
3830	-39.2	145.4	110	-179.4
3840	-38.2	147.2	108	-179.7
3850	-38.0	149.0	106	-179.4
3860	-38.1	150.8	105	-179.7
3870	-38.4	152.6	103	-179.7
3880	-38.1	154.4	101	-179.9
3890	-37.3	156.2	99	-179.4
3900	-36.1	158.0	97	-179.4
3910	-35.8	159.8	96	-179.4
3920	-36.7	161.6	94	-179.4
3930	-37.0	163.4	92	-179.9
3940	-36.7	165.2	90	-179.7
3950	-36.3	167.0	88	-179.4
3960	-36.1	168.8	87	-179.4
3970	-35.7	170.6	85	-179.4
3980	-35.1	172.4	83	-179.7
3990	-34.7	174.1	81	-179.7
4000	-34.4	175.9	80	-179.7
4010	-34.6	177.7	78	-179.7
4020	-34.8	179.5	76	-179.9
4030	-34.6	181.3	74	-179.9
4040	-33.8	183.1	72	-179.7
4050	-32.8	184.9	71	-179.4
4060	-31.7	186.7	69	-179.4
4070	-30.2	188.5	67	-179.4
4080	-28.6	190.3	65	-179.4
4090	-27.1	192.1	63	-179.1
4100	-26.4	193.9	62	-179.1
4110	-26.0	195.7	60	-179.1
4120	-26.3	197.5	58	-179.7
4130	-25.8	199.3	56	-179.7
4140	-24.1	201.1	54	-179.4
4150	-22.8	202.9	53	-179.4
4160	-21.8	204.7	51	-179.1
4170	-20.2	206.5	49	-179.4
4180	-18.4	208.3	47	-179.4
4190	-16.8	210.0	45	-179.1
4200	-15.1	211.8	44	-179.1
4210	-14.5	213.6	42	-179.4
4220	-14.8	215.4	40	-179.1
4230	-14.6	217.2	38	-179.4
4240	-13.6	219.0	36	-179.7
4250	-11.3	220.8	35	-179.1
4260	-9.8	222.6	33	-179.1

4270	-8.7	224.4	31	-179.4
4280	-7.5	226.2	29	-178.9
4290	-7.1	228.0	27	-179.4
4300	-3.0	229.8	26	-179.4
4310	-2.8	231.6	24	-179.1
4320	-4.9	233.4	22	-179.4
4330	-6.4	235.2	20	-179.7
4340	-6.9	237.0	18	-179.7
4350	-4.7	238.7	17	-179.4
4360	-2.8	240.5	15	-179.7
4370	-1.6	242.3	13	-179.4
4380	-1.5	244.1	11	-178.9
4390	-1.5	245.9	10	-178.9
4400	-1.2	247.7	8	-178.3
4410	3.1	249.5	6	-177.3
4420	8.5	251.2	4	-169.8
4430	10.8	252.9	3	-165.8
4440	10.6	254.5	1	-161.8
4450	8.1	256.1	-1	-158.1
4460	7.3	257.6	-2	-154.9
4470	8.1	259.2	-4	-152.2
4480	8.1	260.6	-5	-128.8
4490	-2.6	261.8	-6	-126.1
4500	-1.9	262.8	-7	-91.8
4510	-12.7	263.6	-8	-80.3
4520	-20.6	264.2	-9	-52.7
4530	-15.6	264.7	-9	-46.5
4540	0.4	265.0	-10	-31.9
4550	1.8	265.3	-10	-30.0
4560	20.2	265.6	-10	-19.9
4570	37.4	265.7	-10	-8.5
4580	42.4	265.7	-10	2.3
4590	35.0	265.6	-10	9.0
4600	23.5	265.5	-10	19.7
4610	15.3	265.2	-10	27.1
4620	16.1	265.0	-10	31.9
4630	23.6	264.6	-9	37.2
4640	32.5	264.2	-9	44.1
4650	37.2	263.8	-8	54.0
4660	34.8	263.2	-8	58.8
4670	28.2	262.6	-7	60.9
4680	22.6	261.8	-6	82.7
4690	22.4	261.0	-6	89.4
4700	26.6	260.1	-5	96.1
4710	31.5	259.2	-4	104.0
4720	32.0	258.2	-3	103.2
4730	26.7	257.1	-2	112.0
4740	19.4	255.9	0	119.2
4750	14.6	254.7	1	124.5
4760	15.1	253.4	2	128.5
4770	19.1	252.1	3	132.5
4780	23.3	250.7	5	137.9
4790	24.1	249.3	6	144.2
4800	19.9	247.8	8	150.6

4810	13.8	246.3	9	155.2
4820	10.2	244.7	11	158.9
4830	10.7	243.1	12	161.0
4840	14.4	241.5	14	163.7
4850	17.4	239.8	16	167.4
4860	16.8	238.1	17	171.9
4870	13.3	236.3	19	175.9
4880	8.5	234.6	21	178.6
4890	7.3	232.8	23	178.9
4900	9.8	231.0	24	179.4
4910	13.3	229.2	26	179.7
4920	16.4	227.4	28	179.9
4930	17.1	225.6	30	179.7
4940	15.6	223.8	32	179.9
4950	12.6	222.0	33	179.7
4960	10.0	220.2	35	179.4
4970	9.2	218.4	37	179.1
4980	9.6	216.6	39	179.4
4990	11.0	214.8	41	179.4
5000	11.9	213.0	42	179.9
5010	11.7	211.2	44	179.7
5020	10.6	209.4	46	179.7
5030	9.5	207.6	48	179.4
5040	9.1	205.8	50	179.4
5050	10.3	204.0	51	179.4
5060	11.4	202.2	53	179.7
5070	11.5	200.4	55	179.7
5080	7.9	198.6	57	179.7
5090	4.3	196.8	59	179.4
5100	3.7	195.0	60	179.1
5110	5.7	193.3	62	179.4
5120	9.6	191.5	64	179.9
5130	12.6	189.7	66	179.9
5140	13.7	187.9	68	179.9
5150	11.9	186.1	69	179.9
5160	9.1	184.3	71	179.4
5170	7.3	182.5	73	179.7
5180	7.5	180.7	75	179.7
5190	10.0	178.9	77	179.4
5200	14.1	177.1	78	179.9
5210	16.1	175.3	80	180.2
5220	16.1	173.5	82	179.9
5230	14.8	171.7	84	179.7
5240	12.7	169.9	86	179.9
5250	12.3	168.1	87	179.7
5260	13.0	166.3	89	179.7
5270	14.5	164.5	91	179.9
5280	15.3	162.7	93	179.9
5290	15.9	160.9	95	179.9
5300	15.5	159.1	96	179.9
5310	14.6	157.3	98	179.9
5320	14.8	155.5	100	179.9
5330	15.7	153.7	102	179.9
5340	17.1	151.9	104	179.9

5350	18.0	150.1	105	179.9
5360	17.8	148.3	107	180.2
5370	16.8	146.5	109	180.2
5380	15.9	144.7	111	179.9
5390	15.3	142.9	113	179.7
5400	15.6	141.1	114	179.7
5410	15.9	139.3	116	179.9
5420	16.0	137.5	118	179.9
5430	15.7	135.7	120	179.7
5440	15.2	133.9	122	179.7
5450	14.6	132.1	123	179.7
5460	13.6	130.3	125	179.7
5470	13.2	128.5	127	179.4
5480	12.2	126.7	129	179.7
5490	11.8	124.9	131	179.7
5500	11.7	123.1	132	179.7
5510	10.7	121.3	134	179.7
5520	9.8	119.5	136	179.7
5530	8.8	117.7	138	179.7
5540	7.9	115.9	140	179.4
5550	7.2	114.1	141	179.4
5560	6.2	112.3	143	179.1
5570	5.0	110.6	145	179.1
5580	3.3	108.8	147	179.4
5590	2.0	107.0	148	179.1
5600	1.8	105.2	150	178.9
5610	1.5	103.4	152	178.6
5620	1.5	101.6	154	178.3
5630	1.4	99.8	156	178.1
5640	1.4	98.1	157	176.2
5650	1.2	96.3	159	175.7
5660	0.1	94.5	161	175.1
5670	-5.7	92.8	163	173.8
5680	-10.4	91.1	164	170.9
5690	-9.9	89.4	166	166.9
5700	-5.3	87.8	168	163.7
5710	-2.2	86.1	169	161.8
5720	-3.4	84.5	171	160.0
5730	-8.1	82.9	173	157.6
5740	-12.3	81.4	174	154.1
5750	-14.0	79.9	176	149.3
5760	-6.2	78.6	177	129.6
5770	1.9	77.5	178	92.9
5780	15.1	76.6	179	82.7
5790	28.2	75.9	180	59.6
5800	23.6	75.4	180	52.4
5810	5.7	74.9	181	40.4
5820	-2.0	74.6	181	27.9
5830	-14.4	74.3	181	22.3
5840	-25.8	74.2	181	15.9
5850	-28.7	74.1	181	6.3
5860	-22.1	74.1	181	-1.3
5870	-18.3	74.1	181	-5.0
5880	-18.3	74.2	181	-10.1

5890	-24.4	74.3	181	-15.4
5900	-29.4	74.5	181	-22.6
5910	-30.1	74.8	181	-31.1
5920	-29.6	75.1	180	-40.1
5930	-27.1	75.6	180	-48.7
5940	-26.0	76.1	179	-57.2
5950	-28.1	76.6	179	-59.3
5960	-33.0	77.3	178	-60.6
5970	-37.7	78.0	177	-76.6
5980	-39.5	78.9	177	-95.5
5990	-35.8	79.8	176	-107.2
6000	-28.5	80.9	175	-117.4
6010	-22.5	82.0	173	-114.4
6020	-20.9	83.2	172	-120.8
6030	-24.4	84.5	171	-126.1
6040	-29.3	85.8	170	-133.3
6050	-32.1	87.2	168	-141.6
6060	-30.9	88.6	167	-150.4
6070	-28.1	90.2	165	-158.9
6080	-25.4	91.9	164	-166.1
6090	-24.8	93.6	162	-173.0
6100	-28.6	95.3	160	-176.2
6110	-35.0	97.1	158	-176.5
6120	-39.9	98.9	157	-177.3
6130	-39.9	100.6	155	-178.3
6140	-36.6	102.4	153	-178.6
6150	-33.8	104.2	151	-178.6
6160	-34.2	106.0	149	-178.9
6170	-38.1	107.8	148	-179.4
6180	-42.2	109.6	146	-179.9
6190	-43.4	111.4	144	-179.9
6200	-42.0	113.2	142	-179.7
6210	-38.9	115.0	140	-179.4
6220	-35.5	116.8	139	-179.4
6230	-34.6	118.6	137	-179.4
6240	-36.2	120.4	135	-179.4
6250	-39.2	122.2	133	-179.4
6260	-42.6	124.0	131	-179.9
6270	-43.8	125.8	130	-180.2
6280	-42.4	127.6	128	-179.9
6290	-39.3	129.4	126	-179.7
6300	-36.6	131.2	124	-179.7
6310	-36.2	133.0	122	-179.4
6320	-37.8	134.7	121	-179.4
6330	-39.7	136.5	119	-179.7
6340	-41.0	138.3	117	-179.9
6350	-41.4	140.1	115	-179.7
6360	-41.2	141.9	114	-179.9
6370	-41.4	143.7	112	-179.9
6380	-41.1	145.5	110	-179.7
6390	-40.5	147.3	108	-179.9
6400	-41.1	149.1	106	-179.7
6410	-41.9	150.9	105	-179.7
6420	-42.8	152.7	103	-179.9

6430	-42.7	154.5	101	-180.2
6440	-41.9	156.3	99	-179.7
6450	-40.5	158.1	97	-179.4
6460	-39.7	159.9	96	-179.7
6470	-39.9	161.7	94	-179.7
6480	-39.6	163.5	92	-179.9
6490	-38.8	165.3	90	-179.9
6500	-37.7	167.1	88	-179.4
6510	-36.2	168.9	87	-179.1
6520	-35.1	170.7	85	-179.4
6530	-33.6	172.5	83	-179.1
6540	-32.7	174.3	81	-179.4
6550	-32.0	176.1	79	-179.7
6560	-31.5	177.9	78	-179.4
6570	-30.9	179.7	76	-179.4
6580	-30.1	181.5	74	-179.4
6590	-28.6	183.3	72	-179.1
6600	-27.5	185.1	70	-179.1
6610	-26.3	186.8	69	-179.4
6620	-25.0	188.6	67	-179.4
6630	-23.3	190.4	65	-179.4
6640	-22.1	192.2	63	-179.4
6650	-21.3	194.0	61	-179.1
6660	-21.0	195.8	60	-179.4
6670	-21.4	197.6	58	-179.7
6680	-21.4	199.4	56	-179.7
6690	-20.3	201.2	54	-179.4
6700	-19.9	203.0	52	-179.4
6710	-19.3	204.8	51	-179.1
6720	-18.4	206.6	49	-179.1
6730	-17.4	208.4	47	-179.7
6740	-16.3	210.2	45	-179.4
6750	-15.6	212.0	43	-179.1
6760	-15.6	213.8	42	-179.7
6770	-15.9	215.6	40	-179.7
6780	-15.2	217.3	38	-179.4
6790	-13.3	219.1	36	-179.4
6800	-11.4	220.9	35	-179.1
6810	-10.3	222.7	33	-179.1
6820	-9.6	224.5	31	-179.4
6830	-9.2	226.3	29	-179.4
6840	-8.7	228.1	27	-179.1
6850	-7.3	229.9	26	-179.4
6860	-5.3	231.7	24	-179.4
6870	-3.0	233.5	22	-179.1
6880	-2.0	235.3	20	-179.4
6890	-1.8	237.1	18	-179.1
6900	-1.8	238.9	17	-178.6
6910	-1.8	240.6	15	-178.6
6920	-1.6	242.4	13	-178.1
6930	-1.5	244.2	11	-177.5
6940	-1.5	245.9	10	-171.9
6950	-1.2	247.7	8	-171.7
6960	2.0	249.4	6	-170.9

6970	10.4	251.1	4	-168.7
6980	16.7	252.7	3	-163.9
6990	17.1	254.3	1	-158.1
7000	11.8	255.9	0	-152.5
7010	6.5	257.3	-2	-148.8
7020	5.2	258.8	-3	-146.6
7030	6.8	260.2	-5	-128.8
7040	0.8	261.4	-6	-105.9
7050	-2.3	262.5	-7	-95.0
7060	-12.1	263.3	-8	-83.8
7070	-23.1	263.9	-8	-62.2
7080	-19.4	264.5	-9	-53.7
7090	-2.8	264.9	-9	-42.3
7100	1.8	265.2	-10	-30.0
7110	20.6	265.4	-10	-19.7
7120	42.0	265.6	-10	-11.4
7130	49.0	265.6	-10	2.9
7140	41.2	265.5	-10	9.5
7150	25.5	265.3	-10	18.1
7160	13.2	265.1	-10	23.9
7170	10.8	264.8	-9	26.8
7180	18.4	264.5	-9	29.5
7190	30.8	264.1	-9	34.0
7200	38.6	263.7	-8	41.5
7210	37.4	263.1	-8	50.8
7220	30.1	262.5	-7	72.6
7230	22.8	261.7	-6	81.4
7240	20.3	260.9	-5	88.1
7250	23.7	260.1	-5	94.5
7260	29.0	259.2	-4	101.6
7270	30.9	258.2	-3	100.8
7280	26.8	257.1	-2	109.1
7290	19.7	256.0	-1	116.3
7300	15.1	254.8	1	121.9
7310	15.7	253.5	2	125.9
7320	20.3	252.2	3	130.4
7330	25.0	250.9	5	136.0
7340	25.8	249.5	6	142.6
7350	21.7	248.0	7	149.6
7360	15.2	246.5	9	154.9
7370	10.8	244.9	11	158.6
7380	11.4	243.3	12	161.0
7390	15.1	241.6	14	163.9
7400	18.7	240.0	15	167.4
7410	18.2	238.3	17	172.2
7420	14.6	236.5	19	176.7
7430	10.4	234.7	21	179.4
7440	9.6	232.9	23	179.1
7450	12.5	231.1	24	179.4
7460	16.3	229.3	26	179.7
7470	18.4	227.5	28	179.7
7480	18.8	225.7	30	179.9
7490	17.4	223.9	32	179.7
7500	15.1	222.1	33	179.7

7510	13.2	220.3	35	179.7
7520	12.5	218.6	37	179.4
7530	12.6	216.8	39	179.4
7540	13.7	215.0	40	179.7
7550	14.1	213.2	42	179.9
7560	13.8	211.4	44	179.9
7570	12.6	209.6	46	179.7
7580	11.9	207.8	48	179.4
7590	13.2	206.0	49	179.7
7600	14.4	204.2	51	179.7
7610	13.8	202.4	53	179.9
7620	10.0	200.6	55	179.7
7630	6.4	198.8	57	179.4
7640	6.5	197.0	58	179.4
7650	10.3	195.2	60	179.4
7660	14.5	193.4	62	179.9
7670	17.0	191.6	64	180.2
7680	16.4	189.8	66	179.9
7690	13.8	188.0	67	179.9
7700	11.5	186.2	69	179.7
7710	11.1	184.4	71	179.4
7720	12.5	182.6	73	179.7
7730	13.7	180.8	75	179.7
7740	14.8	179.0	76	179.9
7750	15.6	177.2	78	179.9
7760	15.5	175.4	80	179.9
7770	14.8	173.6	82	179.9
7780	14.1	171.8	84	179.7
7790	13.7	170.0	85	179.7
7800	14.8	168.2	87	179.7
7810	15.5	166.4	89	179.9
7820	16.4	164.6	91	180.2
7830	16.4	162.8	93	179.9
7840	16.3	161.0	94	179.9
7850	15.7	159.2	96	179.9
7860	15.1	157.4	98	179.9
7870	15.3	155.6	100	179.9
7880	16.0	153.8	102	179.7
7890	17.2	152.0	103	179.9
7900	18.0	150.2	105	179.9
7910	17.6	148.4	107	179.9
7920	16.7	146.6	109	179.7
7930	15.1	144.8	111	179.9
7940	14.6	143.0	112	179.7
7950	15.1	141.2	114	179.7
7960	15.3	139.4	116	179.7
7970	15.7	137.7	118	179.7
7980	15.3	135.9	120	179.9
7990	15.1	134.1	121	179.7
8000	14.2	132.3	123	179.7
8010	13.3	130.5	125	179.4
8020	13.0	128.7	127	179.7
8030	12.3	126.9	129	179.4
8040	12.1	125.1	130	179.7

8050	11.9	123.3	132	179.4
8060	10.8	121.5	134	179.7
8070	9.5	119.7	136	179.7
8080	8.4	117.9	138	179.1
8090	7.7	116.1	139	179.4
8100	7.3	114.3	141	179.4
8110	6.6	112.5	143	179.4
8120	5.8	110.7	145	179.4
8130	4.6	108.9	147	179.4
8140	3.8	107.1	148	179.1
8150	3.4	105.3	150	179.4
8160	2.4	103.5	152	179.4
8170	1.8	101.7	154	179.4
8180	1.5	100.0	155	178.9
8190	1.4	98.2	157	178.9
8200	1.4	96.4	159	178.1
8210	1.1	94.6	161	177.5
8220	-1.5	92.8	163	175.7
8230	-6.8	91.1	164	173.5
8240	-8.4	89.4	166	170.3
8250	-7.1	87.7	168	167.1
8260	-4.5	86.1	169	164.7
8270	-4.7	84.4	171	162.1
8280	-6.9	82.8	173	159.7
8290	-10.7	81.2	174	156.5
8300	-13.6	79.8	176	136.8
8310	-7.3	78.4	177	115.5
8320	1.9	77.3	178	103.0
8330	13.6	76.5	179	73.2
8340	25.6	75.8	180	65.2
8350	20.2	75.2	180	51.3
8360	3.5	74.8	181	35.4
8370	-3.0	74.5	181	30.0
8380	-17.8	74.2	181	21.8
8390	-27.8	74.1	181	11.9
8400	-29.3	74.0	181	3.9
8410	-22.8	74.0	181	-2.1
8420	-15.7	74.1	181	-6.3
8430	-13.6	74.2	181	-9.8
8440	-20.5	74.3	181	-13.5
8450	-29.6	74.5	181	-18.6
8460	-32.8	74.8	181	-31.1
8470	-31.7	75.1	180	-36.7
8480	-28.6	75.5	180	-40.7
8490	-26.7	76.1	179	-47.9
8500	-28.6	76.6	179	-54.8
8510	-32.7	77.3	178	-75.8
8520	-36.6	78.1	177	-85.1
8530	-39.1	79.0	176	-96.6
8540	-37.2	79.9	176	-108.8
8550	-30.5	81.0	174	-108.6
8560	-23.5	82.1	173	-117.1
8570	-20.6	83.4	172	-123.5
8580	-23.9	84.6	171	-129.1

8590	-30.0	86.0	169	-135.7
8600	-33.8	87.4	168	-144.0
8610	-33.4	88.9	167	-153.6
8620	-29.4	90.5	165	-162.3
8630	-25.1	92.2	163	-170.1
8640	-24.7	93.9	162	-175.7
8650	-31.2	95.7	160	-176.2
8660	-39.2	97.5	158	-177.0
8670	-43.4	99.3	156	-178.1
8680	-42.2	101.0	154	-178.6
8690	-37.4	102.8	153	-178.6
8700	-34.2	104.6	151	-178.6
8710	-35.5	106.4	149	-178.9
8720	-40.4	108.2	147	-179.4
8730	-45.3	110.0	145	-179.9
8740	-46.5	111.8	144	-179.9
8750	-44.2	113.6	142	-179.7
8760	-40.1	115.4	140	-179.4
8770	-36.5	117.2	138	-179.4
8780	-35.7	119.0	136	-179.1
8790	-38.0	120.8	135	-179.7
8800	-41.9	122.6	133	-179.9
8810	-45.8	124.4	131	-179.9
8820	-46.6	126.2	129	-180.2
8830	-44.2	128.0	127	-179.9
8840	-40.7	129.8	126	-179.7
8850	-37.7	131.6	124	-179.4
8860	-37.7	133.4	122	-179.4
8870	-39.5	135.2	120	-179.4
8880	-41.4	136.9	119	-179.9
8890	-42.4	138.7	117	-179.7
8900	-41.9	140.5	115	-179.7
8910	-41.1	142.3	113	-179.7
8920	-40.8	144.1	111	-179.9
8930	-40.5	145.9	110	-179.7
8940	-40.8	147.7	108	-179.7
8950	-41.6	149.5	106	-179.4
8960	-43.0	151.3	104	-179.7
8970	-43.7	153.1	102	-179.9
8980	-43.1	154.9	101	-180.2
8990	-41.5	156.7	99	-179.7
9000	-39.7	158.5	97	-179.4
9010	-39.9	160.3	95	-179.7
9020	-40.8	162.1	93	-179.7
9030	-41.1	163.9	92	-179.7
9040	-40.8	165.7	90	-179.9
9050	-39.6	167.5	88	-179.1
9060	-38.0	169.3	86	-178.9
9070	-36.2	171.1	84	-179.4
9080	-34.3	172.9	83	-179.4
9090	-33.1	174.7	81	-179.4
9100	-33.2	176.5	79	-179.4
9110	-33.8	178.3	77	-179.4
9120	-34.3	180.1	75	-179.7

9130	-34.2	181.9	74	-179.7
9140	-33.5	183.7	72	-179.7
9150	-33.1	185.5	70	-179.1
9160	-32.3	187.3	68	-179.4
9170	-30.6	189.0	66	-179.7
9180	-28.9	190.8	65	-179.1
9190	-27.7	192.6	63	-179.4
9200	-27.4	194.4	61	-179.1
9210	-28.3	196.2	59	-179.4
9220	-29.0	198.0	57	-179.7
9230	-28.2	199.8	56	-179.7
9240	-26.3	201.6	54	-179.4
9250	-24.7	203.4	52	-179.4
9260	-23.5	205.2	50	-179.4
9270	-22.2	207.0	48	-179.4
9280	-21.0	208.8	47	-179.1
9290	-19.8	210.6	45	-179.4
9300	-19.3	212.4	43	-179.1
9310	-19.7	214.2	41	-179.4
9320	-20.2	216.0	39	-179.4
9330	-19.8	217.8	38	-179.7
9340	-18.3	219.6	36	-179.4
9350	-16.5	221.3	34	-179.1
9360	-14.9	223.1	32	-178.9
9370	-13.4	224.9	31	-179.4
9380	-13.0	226.7	29	-179.4
9390	-6.6	228.5	27	-178.9
9400	-0.8	230.3	25	-178.6
9410	0.0	232.1	23	-178.3
9420	7.9	233.9	22	-174.9
9430	6.5	235.5	20	-168.2
9440	-0.7	237.2	18	-166.3
9450	-2.3	238.9	17	-166.1
9460	-2.6	240.5	15	-166.1
9470	-10.0	242.2	13	-166.6
9480	-15.1	243.9	12	-168.7
9490	-9.1	245.6	10	-171.7
9500	-0.9	247.3	8	-172.5
9510	-1.2	249.0	6	-172.5
9520	6.4	250.8	5	-171.7
9530	15.2	252.4	3	-167.7
9540	17.0	254.1	1	-162.3
9550	11.1	255.7	0	-156.8
9560	4.6	257.2	-2	-153.0
9570	1.9	258.7	-3	-151.4
9580	3.3	260.1	-5	-134.4
9590	-1.2	261.5	-6	-111.0
9600	-2.2	262.6	-7	-107.5
9610	-11.3	263.3	-8	-78.2
9620	-20.1	264.0	-9	-63.0
9630	-16.8	264.5	-9	-44.4
9640	-1.6	265.0	-10	-41.7
9650	0.8	265.3	-10	-29.8
9660	15.5	265.5	-10	-20.2

9670	34.3	265.7	-10	-14.9
9680	41.6	265.7	-10	-3.1
9690	37.0	265.7	-10	2.6
9700	27.5	265.6	-10	10.6
9710	16.8	265.4	-10	17.0
9720	13.0	265.2	-10	21.2
9730	17.6	264.9	-9	24.4
9740	25.9	264.6	-9	29.5
9750	32.5	264.3	-9	36.2
9760	34.3	263.8	-8	44.1
9770	30.8	263.2	-8	52.7
9780	25.0	262.5	-7	73.4
9790	22.1	261.8	-6	80.6
9800	23.5	261.0	-6	87.5
9810	27.4	260.2	-5	95.0
9820	30.1	259.3	-4	102.7
9830	29.2	258.3	-3	101.9
9840	25.0	257.2	-2	109.6
9850	20.1	256.1	-1	116.8
9860	17.9	254.8	1	122.1
9870	19.3	253.6	2	126.9
9880	21.7	252.3	3	132.5
9890	24.0	250.9	5	138.4
9900	23.5	249.5	6	144.8
9910	20.5	248.0	7	150.9
9920	16.3	246.4	9	156.0
9930	14.0	244.8	11	160.2
9940	14.5	243.2	12	163.7
9950	17.1	241.5	14	167.7
9960	19.0	239.8	16	171.7
9970	17.6	238.1	17	176.2
9980	15.1	236.3	19	179.7
9990	13.7	234.5	21	179.4
10000	14.9	232.7	23	179.4
10010	17.0	230.9	25	179.7
10020	18.6	229.1	26	179.7
10030	18.7	227.3	28	179.9
10040	17.8	225.5	30	179.9
10050	15.9	223.7	32	179.7
10060	13.6	221.9	34	179.7
10070	11.8	220.1	35	179.4
10080	11.1	218.3	37	179.7
10090	11.0	216.5	39	179.1
10100	11.7	214.7	41	179.4
10110	12.3	212.9	43	179.4
10120	12.1	211.1	44	179.4
10130	11.1	209.3	46	179.7
10140	10.8	207.6	48	179.4
10150	11.3	205.8	50	179.4
10160	12.3	204.0	51	179.7
10170	12.2	202.2	53	179.7
10180	10.3	200.4	55	179.4
10190	6.4	198.6	57	179.4
10200	4.2	196.8	59	179.1

10210	5.7	195.0	60	179.4
10220	9.2	193.2	62	179.7
10230	13.0	191.4	64	180.2
10240	14.1	189.6	66	179.9
10250	12.7	187.8	68	179.9
10260	10.0	186.0	69	179.7
10270	8.3	184.2	71	179.7
10280	9.2	182.4	73	179.7
10290	11.7	180.6	75	179.9
10300	14.6	178.8	77	179.9
10310	17.6	177.0	78	180.2
10320	18.3	175.2	80	179.9
10330	17.4	173.4	82	179.9
10340	15.5	171.6	84	179.7
10350	14.9	169.8	86	179.7
10360	15.9	168.0	87	179.7
10370	17.2	166.2	89	179.9
10380	18.6	164.4	91	179.9
10390	18.8	162.6	93	179.9
10400	18.2	160.8	95	179.9
10410	17.0	159.0	96	179.9
10420	15.7	157.2	98	179.9
10430	15.9	155.4	100	179.7
10440	16.7	153.6	102	179.7
10450	17.8	151.8	104	179.7
10460	18.6	150.0	105	179.9
10470	18.3	148.2	107	179.9
10480	17.0	146.4	109	179.9
10490	16.1	144.6	111	179.7
10500	16.1	142.8	113	179.7
10510	17.1	141.0	114	179.7
10520	17.8	139.2	116	179.7
10530	17.6	137.4	118	179.9
10540	16.5	135.6	120	179.7
10550	15.1	133.8	122	179.7
10560	13.3	132.0	123	179.7
10570	11.1	130.2	125	179.1
10580	9.6	128.5	127	179.1
10590	8.1	126.7	129	179.4
10600	6.6	124.9	131	179.1
10610	6.1	123.1	132	179.1
10620	5.0	121.3	134	179.4
10630	4.1	119.5	136	179.1
10640	3.4	117.7	138	179.4
10650	2.8	115.9	140	179.4
10660	2.2	114.1	141	179.4
10670	1.5	112.3	143	179.1
10680	1.4	110.5	145	178.9
10690	1.4	108.7	147	178.3
10700	1.2	107.0	148	177.8
10710	0.7	105.2	150	176.5
10720	-4.2	103.4	152	174.9
10730	-9.2	101.7	154	172.2
10740	-8.9	100.0	155	169.0

10750	-3.8	98.3	157	165.5
10760	1.1	96.7	159	164.2
10770	0.7	95.1	160	163.7
10780	-3.1	93.4	162	162.9
10790	-8.8	91.8	164	160.5
10800	-10.8	90.2	165	156.8
10810	-9.4	88.7	167	153.0
10820	-7.6	87.2	168	149.6
10830	-8.8	85.7	170	146.4
10840	-11.9	84.3	171	142.9
10850	-15.7	82.9	173	138.4
10860	-17.0	81.5	174	132.8
10870	-15.9	80.3	175	114.7
10880	-10.7	79.1	176	103.8
10890	1.4	78.1	177	106.4
10900	1.6	77.2	178	80.9
10910	5.8	76.5	179	73.2
10920	9.4	76.0	179	55.6
10930	5.7	75.5	180	45.7
10940	-0.5	75.1	180	40.7
10950	-7.2	74.8	181	30.0
10960	-23.7	74.5	181	23.1
10970	-28.9	74.4	181	13.5
10980	-27.5	74.3	181	6.9
10990	-21.6	74.3	181	-1.3
11000	-17.4	74.3	181	-4.5
11010	-16.3	74.4	181	-9.5
11020	-22.2	74.5	181	-14.6
11030	-28.2	74.7	181	-21.8
11040	-33.1	74.9	181	-30.3
11050	-34.7	75.3	180	-36.4
11060	-33.4	75.7	180	-50.5
11070	-31.7	76.2	179	-60.6
11080	-32.8	76.9	179	-70.2
11090	-36.1	77.5	178	-65.7
11100	-39.6	78.4	177	-91.3
11110	-39.7	79.3	176	-102.7
11120	-35.4	80.3	175	-115.0
11130	-28.3	81.4	174	-113.6
11140	-23.5	82.6	173	-121.6
11150	-23.7	83.9	172	-128.3
11160	-27.9	85.2	170	-134.9
11170	-32.7	86.6	169	-142.9
11180	-34.6	88.1	167	-152.0
11190	-32.5	89.7	166	-161.0
11200	-28.6	91.4	164	-170.3
11210	-27.4	93.1	162	-175.9
11220	-32.4	94.9	161	-176.2
11230	-40.7	96.7	159	-177.5
11240	-45.8	98.5	157	-178.3
11250	-46.0	100.3	155	-178.9
11260	-42.7	102.0	153	-179.4
11270	-39.2	103.8	152	-179.1
11280	-38.6	105.6	150	-178.9

11290	-41.6	107.4	148	-179.4
11300	-45.4	109.2	146	-179.7
11310	-46.8	111.0	144	-179.9
11320	-45.7	112.8	143	-179.9
11330	-43.0	114.6	141	-179.7
11340	-40.0	116.4	139	-179.1
11350	-38.9	118.2	137	-179.4
11360	-40.1	120.0	135	-179.7
11370	-42.6	121.8	134	-179.7
11380	-45.6	123.6	132	-179.9
11390	-47.5	125.4	130	-180.2
11400	-47.2	127.2	128	-179.9
11410	-45.3	129.0	126	-179.7
11420	-43.4	130.8	125	-179.4
11430	-43.1	132.6	123	-179.4
11440	-44.7	134.4	121	-179.7
11450	-46.6	136.2	119	-179.7
11460	-48.4	138.0	117	-179.9
11470	-48.7	139.8	116	-179.7
11480	-48.0	141.6	114	-179.9
11490	-47.1	143.4	112	-179.9
11500	-46.1	145.2	110	-179.7
11510	-45.2	147.0	108	-179.9
11520	-45.0	148.8	107	-179.4
11530	-46.0	150.6	105	-179.7
11540	-46.8	152.4	103	-179.9
11550	-46.4	154.2	101	-179.9
11560	-45.3	156.0	99	-179.7
11570	-43.5	157.8	98	-179.7
11580	-42.4	159.6	96	-179.1
11590	-43.0	161.3	94	-179.4
11600	-43.3	163.1	92	-179.9
11610	-43.1	164.9	91	-179.7
11620	-42.0	166.7	89	-179.1
11630	-40.5	168.5	87	-179.1
11640	-38.8	170.3	85	-179.1
11650	-36.3	172.1	83	-179.1
11660	-35.0	173.9	82	-179.4
11670	-34.2	175.7	80	-179.1
11680	-34.2	177.5	78	-179.7
11690	-34.2	179.3	76	-179.7
11700	-33.6	181.1	74	-179.4
11710	-32.7	182.9	73	-179.1
11720	-31.3	184.7	71	-179.4
11730	-30.2	186.5	69	-179.4
11740	-29.4	188.3	67	-179.4
11750	-27.8	190.1	65	-179.4
11760	-26.2	191.8	64	-179.4
11770	-24.8	193.6	62	-179.1
11780	-23.5	195.4	60	-179.4
11790	-22.6	197.2	58	-179.7
11800	-21.7	199.0	56	-179.4
11810	-20.1	200.8	55	-179.1
11820	-18.7	202.6	53	-179.4

11830	-17.4	204.4	51	-179.1
11840	-16.3	206.2	49	-179.4
11850	-15.2	208.0	47	-179.4
11860	-13.8	209.8	46	-179.1
11870	-12.7	211.6	44	-179.1
11880	-13.3	213.4	42	-179.4
11890	-14.5	215.2	40	-179.4
11900	-15.2	217.0	38	-179.7
11910	-14.5	218.8	37	-179.7
11920	-12.7	220.5	35	-179.4
11930	-11.0	222.3	33	-179.4
11940	-9.8	224.1	31	-179.4
11950	-8.8	225.9	30	-179.1
11960	-8.3	227.7	28	-179.4
11970	-4.7	229.5	26	-179.4
11980	-2.2	231.3	24	-179.1
11990	-4.3	233.1	22	-179.1
12000	-5.3	234.9	21	-179.7
12010	-6.2	236.7	19	-179.4
12020	-4.5	238.5	17	-179.7
12030	-2.4	240.3	15	-179.4
12040	-1.5	242.1	13	-179.1
12050	-1.4	243.9	12	-178.9
12060	-1.4	245.7	10	-178.6
12070	1.8	247.4	8	-178.1
12080	9.1	249.2	6	-170.9
12090	14.6	250.8	5	-165.8
12100	18.7	252.4	3	-159.7
12110	17.9	254.0	1	-153.6
12120	14.5	255.5	0	-147.4
12130	11.1	256.9	-1	-142.6
12140	12.1	258.3	-3	-138.9
12150	15.9	259.6	-4	-120.5
12160	15.6	260.8	-5	-105.4
12170	6.5	261.9	-6	-105.4
12180	-0.8	262.7	-7	-79.8
12190	-0.8	263.4	-8	-59.1
12200	4.3	264.0	-9	-58.3
12210	15.1	264.4	-9	-42.0
12220	26.7	264.8	-9	-28.7
12230	34.0	265.0	-10	-24.7
12240	33.9	265.2	-10	-12.7
12250	28.5	265.2	-10	-2.9
12260	23.5	265.2	-10	1.0
12270	22.8	265.2	-10	5.3
12280	24.0	265.1	-10	10.3
12290	26.6	264.9	-9	16.5
12300	27.7	264.7	-9	23.4
12310	26.6	264.3	-9	30.0
12320	24.7	263.9	-8	40.9
12330	23.9	263.5	-8	52.4
12340	25.4	262.9	-7	59.6
12350	27.9	262.3	-7	67.3
12360	29.8	261.7	-6	75.8

12370	28.6	260.9	-5	84.9
12380	25.2	260.1	-5	93.4
12390	21.3	259.2	-4	100.6
12400	19.0	258.2	-3	97.7
12410	19.0	257.2	-2	102.7
12420	20.7	256.1	-1	108.3
12430	23.3	255.0	0	113.9
12440	24.0	253.8	2	120.3
12450	22.5	252.6	3	126.7
12460	19.5	251.3	4	132.5
12470	17.0	249.9	6	137.6
12480	16.5	248.5	7	142.1
12490	17.0	247.0	8	146.4
12500	18.0	245.5	10	150.9
12510	18.4	244.0	11	155.4
12520	16.8	242.4	13	160.0
12530	14.5	240.8	15	164.2
12540	12.1	239.1	16	167.7
12550	11.0	237.4	18	170.3
12560	11.5	235.7	20	172.7
12570	12.5	233.9	22	175.7
12580	13.2	232.2	23	178.6
12590	13.3	230.4	25	179.9
12600	14.1	228.6	27	179.7
12610	15.1	226.8	29	179.7
12620	15.6	225.0	30	179.7
12630	15.3	223.2	32	179.7
12640	14.1	221.4	34	179.7
12650	12.7	219.6	36	179.7
12660	11.8	217.8	38	179.1
12670	11.0	216.0	39	179.7
12680	11.0	214.2	41	179.4
12690	10.7	212.4	43	179.7
12700	9.9	210.6	45	179.4
12710	9.8	208.8	47	179.7
12720	10.6	207.0	48	179.7
12730	12.1	205.2	50	179.7
12740	12.6	203.4	52	179.7
12750	10.6	201.6	54	179.7
12760	6.1	199.8	56	179.4
12770	2.3	198.0	57	179.1
12780	2.4	196.2	59	179.1
12790	5.4	194.4	61	179.1
12800	9.8	192.6	63	179.9
12810	11.7	190.8	65	180.2
12820	10.0	189.0	66	179.7
12830	7.6	187.2	68	179.9
12840	4.6	185.5	70	179.7
12850	4.7	183.7	72	179.4
12860	7.9	181.9	74	179.7
12870	10.6	180.1	75	179.9
12880	13.8	178.3	77	180.2
12890	15.2	176.5	79	180.2
12900	14.5	174.7	81	179.9

12910	12.9	172.9	83	179.7
12920	11.5	171.1	84	179.7
12930	11.9	169.3	86	179.9
12940	14.0	167.5	88	179.7
12950	16.1	165.7	90	180.2
12960	17.2	163.9	92	180.2
12970	16.7	162.1	93	179.9
12980	15.3	160.3	95	179.9
12990	13.4	158.5	97	179.4
13000	11.8	156.7	99	179.7
13010	12.1	154.9	101	179.7
13020	13.0	153.1	102	179.7
13030	14.9	151.3	104	179.7
13040	15.2	149.5	106	179.9
13050	14.0	147.7	108	179.9
13060	12.7	145.9	110	179.7
13070	11.7	144.1	111	179.4
13080	11.5	142.3	113	179.4
13090	12.2	140.5	115	179.4
13100	12.6	138.7	117	179.7
13110	12.6	136.9	119	179.9
13120	11.9	135.1	120	179.7
13130	10.6	133.3	122	179.7
13140	8.8	131.5	124	179.7
13150	7.9	129.7	126	179.4
13160	7.2	127.9	128	179.4
13170	6.9	126.1	129	179.4
13180	7.2	124.3	131	179.4
13190	6.9	122.5	133	179.7
13200	5.8	120.7	135	179.4
13210	4.9	118.9	137	179.4
13220	3.7	117.1	138	179.4
13230	2.7	115.4	140	179.1
13240	1.8	113.6	142	179.4
13250	1.6	111.8	144	179.4
13260	1.4	110.0	145	178.9
13270	1.5	108.2	147	178.3
13280	1.4	106.4	149	177.8
13290	1.2	104.6	151	177.3
13300	0.7	102.9	153	175.7
13310	-5.2	101.1	154	174.3
13320	-10.4	99.4	156	171.4
13330	-11.3	97.7	158	167.4
13340	-8.5	96.1	159	163.7
13350	-6.5	94.5	161	160.7
13360	-7.1	92.9	163	157.8
13370	-9.4	91.3	164	154.9
13380	-11.3	89.8	166	151.2
13390	-12.1	88.3	167	146.6
13400	-11.7	86.9	169	142.6
13410	-9.9	85.5	170	138.4
13420	-9.9	84.1	171	134.7
13430	-11.7	82.8	173	131.2
13440	-15.7	81.5	174	126.4

13450	-20.2	80.3	175	120.8
13460	-20.5	79.2	176	97.9
13470	-13.0	78.2	177	100.8
13480	-5.8	77.5	178	78.0
13490	-2.8	76.8	179	59.1
13500	-6.0	76.2	179	54.5
13510	-13.4	75.7	180	48.9
13520	-19.5	75.3	180	36.2
13530	-24.7	75.0	180	31.9
13540	-26.0	74.8	181	21.5
13550	-23.9	74.6	181	13.0
13560	-21.8	74.5	181	6.6
13570	-22.6	74.5	181	0.7
13580	-26.2	74.5	181	-1.5
13590	-29.3	74.6	181	-7.9
13600	-28.2	74.8	181	-18.3
13610	-25.1	75.0	180	-23.9
13620	-22.8	75.3	180	-27.9
13630	-24.0	75.6	180	-33.5
13640	-28.6	76.1	179	-48.7
13650	-32.4	76.5	179	-51.6
13660	-33.9	77.1	178	-54.8
13670	-32.8	77.8	178	-63.0
13680	-30.8	78.6	177	-71.0
13690	-29.3	79.4	176	-78.5
13700	-29.7	80.4	175	-95.5
13710	-31.1	81.4	174	-103.8
13720	-31.2	82.5	173	-112.6
13730	-30.1	83.7	172	-121.1
13740	-28.9	85.0	170	-129.3
13750	-28.5	86.3	169	-137.3
13760	-29.7	87.8	168	-145.3
13770	-31.9	89.3	166	-153.6
13780	-33.1	90.9	165	-162.3
13790	-32.1	92.6	163	-171.1
13800	-31.1	94.3	161	-176.7
13810	-33.9	96.1	159	-177.0
13820	-38.9	97.9	158	-177.0
13830	-42.0	99.7	156	-178.3
13840	-42.2	101.4	154	-178.6
13850	-40.5	103.2	152	-178.6
13860	-39.1	105.0	150	-179.1
13870	-39.6	106.8	149	-179.4
13880	-40.7	108.6	147	-179.4
13890	-40.8	110.4	145	-179.4
13900	-40.1	112.2	143	-179.4
13910	-38.6	114.0	141	-179.4
13920	-37.2	115.8	140	-179.1
13930	-36.2	117.6	138	-179.4
13940	-35.7	119.4	136	-179.4
13950	-36.1	121.2	134	-179.4
13960	-37.4	123.0	132	-179.7
13970	-39.2	124.8	131	-179.7
13980	-39.9	126.6	129	-179.9

13990	-39.2	128.4	127	-179.9
14000	-38.0	130.2	125	-179.7
14010	-37.2	131.9	124	-179.4
14020	-37.2	133.7	122	-179.7
14030	-37.6	135.5	120	-179.7
14040	-37.8	137.3	118	-179.7
14050	-38.2	139.1	116	-179.7
14060	-38.4	140.9	115	-179.7
14070	-38.5	142.7	113	-179.7
14080	-38.8	144.5	111	-179.7
14090	-37.8	146.3	109	-179.7
14100	-36.7	148.1	107	-179.4
14110	-36.9	149.9	106	-179.4
14120	-38.1	151.7	104	-179.7
14130	-38.8	153.5	102	-179.9
14140	-38.4	155.3	100	-180.2
14150	-37.0	157.1	98	-179.7
14160	-35.9	158.9	97	-179.1
14170	-36.3	160.7	95	-179.7
14180	-37.3	162.5	93	-179.7
14190	-38.0	164.3	91	-179.7
14200	-37.6	166.1	89	-179.9
14210	-36.7	167.9	88	-179.4
14220	-36.2	169.7	86	-179.1
14230	-35.8	171.5	84	-179.4
14240	-35.4	173.3	82	-179.7
14250	-35.4	175.1	80	-179.4
14260	-35.9	176.9	79	-179.7
14270	-35.9	178.7	77	-179.9
14280	-35.8	180.5	75	-179.9
14290	-34.6	182.3	73	-179.7
14300	-33.1	184.0	71	-179.7
14310	-31.6	185.8	70	-179.4
14320	-30.1	187.6	68	-179.1
14330	-28.3	189.4	66	-179.4
14340	-26.7	191.2	64	-179.1
14350	-25.1	193.0	62	-179.1
14360	-24.7	194.8	61	-179.4
14370	-24.8	196.6	59	-179.1
14380	-24.7	198.4	57	-179.7
14390	-23.2	200.2	55	-179.7
14400	-21.7	202.0	53	-179.1
14410	-20.7	203.8	52	-179.4
14420	-19.8	205.6	50	-179.4
14430	-18.7	207.4	48	-179.4
14440	-17.0	209.2	46	-179.4
14450	-15.2	211.0	44	-179.4
14460	-14.9	212.7	43	-179.4
14470	-15.7	214.5	41	-179.1
14480	-16.4	216.3	39	-179.7
14490	-15.7	218.1	37	-179.7
14500	-14.4	219.9	36	-179.4
14510	-12.9	221.7	34	-179.4
14520	-12.1	223.5	32	-179.4

14530	-11.7	225.3	30	-179.4
14540	-11.4	227.1	28	-179.4
14550	-8.7	228.9	27	-179.7
14560	-3.8	230.7	25	-179.1
14570	-5.3	232.5	23	-179.4
14580	-8.7	234.3	21	-179.4
14590	-11.3	236.1	19	-179.9
14600	-10.3	237.9	18	-179.9
14610	-7.5	239.7	16	-179.4
14620	-4.6	241.5	14	-179.4
14630	-1.8	243.3	12	-179.1
14640	-1.4	245.1	10	-179.1
14650	-1.4	246.8	9	-178.3
14660	-1.1	248.6	7	-178.1
14670	4.1	250.4	5	-177.3
14680	9.8	252.1	3	-169.5
14690	11.9	253.8	2	-165.3
14700	12.1	255.4	0	-160.7
14710	12.7	257.0	-2	-156.2
14720	16.1	258.5	-3	-151.2
14730	22.1	260.0	-5	-142.6
14740	19.1	261.2	-6	-133.1
14750	5.7	262.2	-7	-97.9
14760	-1.8	263.1	-8	-87.8
14770	-0.9	263.7	-8	-64.1
14780	-0.5	264.3	-9	-55.9
14790	0.3	264.7	-9	-40.4
14800	12.3	265.0	-10	-28.2
14810	30.9	265.3	-10	-23.6
14820	40.0	265.4	-10	-11.7
14830	39.6	265.5	-10	0.0
14840	35.5	265.4	-10	4.2
14850	28.2	265.3	-10	12.5
14860	22.1	265.1	-10	19.4
14870	20.2	264.9	-9	24.4
14880	23.2	264.5	-9	29.8
14890	27.7	264.2	-9	35.6
14900	30.4	263.7	-8	42.5
14910	29.7	263.2	-8	50.3
14920	26.7	262.5	-7	70.0
14930	23.9	261.8	-6	78.0
14940	23.3	261.1	-6	85.1
14950	24.8	260.3	-5	92.1
14960	26.6	259.4	-4	99.5
14970	26.7	258.4	-3	97.7
14980	24.1	257.4	-2	105.4
14990	20.9	256.3	-1	111.8
15000	18.6	255.1	0	117.9
15010	18.6	253.9	2	122.7
15020	20.3	252.6	3	127.7
15030	21.7	251.3	4	133.3
15040	21.8	249.9	6	139.2
15050	19.7	248.5	7	144.8
15060	15.9	247.0	8	149.8

15070	13.8	245.5	10	153.8
15080	13.6	243.9	12	157.0
15090	14.6	242.3	13	160.2
15100	15.9	240.7	15	163.9
15110	15.5	239.0	16	167.7
15120	14.0	237.3	18	171.4
15130	11.5	235.6	20	174.6
15140	9.6	233.8	22	177.5
15150	9.6	232.0	23	179.4
15160	11.7	230.2	25	179.7
15170	14.4	228.4	27	179.7
15180	16.4	226.6	29	179.9
15190	17.1	224.8	31	179.7
15200	16.0	223.0	32	179.9
15210	14.0	221.2	34	179.7
15220	11.7	219.4	36	179.7
15230	11.0	217.6	38	179.4
15240	11.1	215.8	40	179.4
15250	12.1	214.1	41	179.4
15260	12.7	212.3	43	179.7
15270	12.3	210.5	45	179.7
15280	11.7	208.7	47	179.7
15290	11.0	206.9	49	179.7
15300	10.7	205.1	50	179.7
15310	11.3	203.3	52	179.7
15320	11.7	201.5	54	179.7
15330	11.1	199.7	56	179.4
15340	8.9	197.9	58	179.4
15350	6.5	196.1	59	179.4
15360	5.0	194.3	61	179.1
15370	5.7	192.5	63	179.1
15380	7.3	190.7	65	179.7
15390	9.5	188.9	67	179.7
15400	10.8	187.1	68	179.7
15410	10.4	185.3	70	179.9
15420	9.1	183.5	72	179.7
15430	8.1	181.7	74	179.7
15440	8.0	179.9	76	179.4
15450	10.4	178.1	77	179.9
15460	13.2	176.3	79	179.9
15470	15.1	174.5	81	180.2
15480	15.1	172.7	83	180.2
15490	13.8	170.9	85	179.9
15500	13.2	169.1	86	179.7
15510	13.6	167.3	88	179.7
15520	14.8	165.5	90	179.9
15530	15.9	163.7	92	179.7
15540	16.0	161.9	94	179.9
15550	15.7	160.1	95	179.9
15560	14.5	158.3	97	179.9
15570	13.6	156.5	99	179.7
15580	13.7	154.7	101	179.7
15590	14.9	152.9	103	179.7
15600	16.4	151.1	104	179.9

15610	16.8	149.3	106	179.9
15620	16.3	147.5	108	180.2
15630	15.3	145.7	110	179.9
15640	14.9	143.9	112	179.7
15650	15.5	142.1	113	179.9
15660	16.0	140.3	115	179.7
15670	16.0	138.5	117	179.7
15680	15.6	136.7	119	179.7
15690	15.1	135.0	120	179.7
15700	14.6	133.2	122	179.7
15710	13.6	131.4	124	179.7
15720	12.7	129.6	126	179.7
15730	12.3	127.8	128	179.7
15740	11.8	126.0	129	179.7
15750	11.8	124.2	131	179.7
15760	11.9	122.4	133	179.4
15770	11.3	120.6	135	179.4
15780	10.6	118.8	137	179.4
15790	9.9	117.0	138	179.4
15800	9.2	115.2	140	179.4
15810	8.1	113.4	142	179.7
15820	6.6	111.6	144	179.4
15830	5.3	109.8	146	179.4
15840	3.5	108.0	147	179.4
15850	2.6	106.2	149	179.4
15860	1.9	104.4	151	179.1
15870	1.6	102.6	153	178.9
15880	1.4	100.9	155	178.6
15890	1.4	99.1	156	178.1
15900	1.4	97.3	158	178.1
15910	1.2	95.5	160	176.7
15920	0.5	93.8	162	175.7
15930	-5.2	92.0	163	174.3
15940	-10.3	90.3	165	171.4
15950	-11.0	88.6	167	167.4
15960	-7.7	87.0	168	163.7
15970	-5.3	85.3	170	160.7
15980	-5.3	83.8	172	158.4
15990	-8.0	82.2	173	156.2
16000	-12.2	80.7	175	152.5
16010	-12.5	79.3	176	129.3
16020	0.0	78.0	177	127.7
16030	2.8	77.0	178	93.1
16040	16.8	76.2	179	81.4
16050	22.1	75.6	180	60.1
16060	14.8	75.1	180	47.1
16070	-2.6	74.7	181	38.8
16080	-11.7	74.4	181	27.1
16090	-29.7	74.2	181	21.0
16100	-28.9	74.1	181	11.4
16110	-25.6	74.1	181	1.3
16120	-22.2	74.1	181	-2.1
16130	-22.1	74.1	181	-7.4
16140	-24.8	74.3	181	-12.7

16150	-31.7	74.5	181	-21.2
16160	-37.3	74.8	181	-33.2
16170	-39.7	75.1	180	-44.4
16180	-38.0	75.6	180	-50.8
16190	-35.8	76.2	179	-54.8
16200	-35.9	76.9	179	-63.8
16210	-39.9	77.7	178	-89.4
16220	-44.2	78.6	177	-100.8
16230	-46.0	79.6	176	-114.2
16240	-43.3	80.7	175	-128.0
16250	-36.5	82.0	173	-128.0
16260	-29.8	83.3	172	-138.4
16270	-27.3	84.8	171	-146.4
16280	-28.9	86.3	169	-153.8
16290	-34.0	87.9	168	-161.8
16300	-36.9	89.6	166	-171.1
16310	-37.6	91.4	164	-177.5
16320	-39.7	93.1	162	-178.3
16330	-44.2	94.9	161	-178.9
16340	-48.8	96.7	159	-179.7
16350	-50.7	98.5	157	-179.7
16360	-49.2	100.3	155	-179.7
16370	-46.2	102.1	153	-179.7
16380	-44.1	103.9	152	-179.4
16390	-44.5	105.7	150	-179.4
16400	-47.3	107.5	148	-179.9
16410	-49.8	109.3	146	-179.9
16420	-50.6	111.1	144	-179.9
16430	-50.2	112.9	143	-179.7
16440	-48.8	114.7	141	-179.7
16450	-47.6	116.5	139	-179.9
16460	-46.5	118.3	137	-179.7
16470	-45.8	120.1	135	-179.7
16480	-45.7	121.9	134	-179.4
16490	-46.6	123.7	132	-179.7
16500	-48.3	125.5	130	-179.9
16510	-49.9	127.3	128	-179.9
16520	-50.4	129.1	126	-179.9
16530	-50.3	130.9	125	-179.7
16540	-49.8	132.7	123	-179.9
16550	-49.2	134.5	121	-179.7
16560	-48.3	136.3	119	-179.9
16570	-47.5	138.1	117	-179.9
16580	-47.5	139.9	116	-179.7
16590	-48.4	141.7	114	-179.9
16600	-50.2	143.5	112	-179.9
16610	-51.1	145.3	110	-179.9
16620	-50.4	147.1	108	-179.9
16630	-49.5	148.9	107	-179.4
16640	-48.5	150.6	105	-179.7
16650	-47.7	152.4	103	-179.7
16660	-46.9	154.2	101	-179.7
16670	-46.1	156.0	99	-179.4
16680	-45.2	157.8	98	-179.4

16690	-44.9	159.6	96	-179.4
16700	-45.7	161.4	94	-179.4
16710	-46.0	163.2	92	-179.9
16720	-46.0	165.0	90	-179.7
16730	-45.4	166.8	89	-179.4
16740	-44.9	168.6	87	-179.4
16750	-44.1	170.4	85	-179.4
16760	-43.3	172.2	83	-179.4
16770	-42.6	174.0	81	-179.4
16780	-41.6	175.8	80	-179.4
16790	-41.1	177.6	78	-179.4
16800	-40.5	179.4	76	-179.7
16810	-39.6	181.2	74	-179.4
16820	-38.1	183.0	72	-179.4
16830	-36.7	184.8	71	-179.1
16840	-35.5	186.6	69	-179.4
16850	-34.2	188.3	67	-179.4
16860	-32.1	190.1	65	-179.4
16870	-30.8	191.9	64	-179.4
16880	-29.6	193.7	62	-178.9
16890	-28.7	195.5	60	-179.4
16900	-28.6	197.3	58	-179.4
16910	-28.1	199.1	56	-179.4
16920	-26.6	200.9	55	-179.4
16930	-25.1	202.7	53	-179.4
16940	-23.1	204.5	51	-178.9
16950	-21.4	206.3	49	-179.1
16960	-19.0	208.1	47	-179.4
16970	-17.0	209.9	46	-179.1
16980	-15.3	211.7	44	-179.1
16990	-15.1	213.4	42	-179.4
17000	-15.5	215.2	40	-179.4
17010	-15.6	217.0	38	-179.4
17020	-14.2	218.8	37	-179.7
17030	-13.0	220.6	35	-179.4
17040	-11.5	222.4	33	-179.4
17050	-11.1	224.2	31	-179.4
17060	-10.6	226.0	29	-179.4
17070	-9.8	227.8	28	-179.4
17080	-8.3	229.6	26	-179.4
17090	-7.5	231.4	24	-179.4
17100	-6.1	233.2	22	-179.1
17110	-5.2	235.0	20	-179.4
17120	-3.1	236.8	19	-179.1
17130	-1.8	238.6	17	-179.1
17140	-1.8	240.4	15	-179.1
17150	-1.8	242.1	13	-178.6
17160	-1.5	243.9	12	-178.1
17170	-1.5	245.7	10	-178.1
17180	-0.9	247.5	8	-177.0
17190	3.8	249.2	6	-171.4
17200	11.1	250.9	5	-168.7
17210	16.3	252.6	3	-163.7
17220	17.5	254.2	1	-157.8

17230	16.7	255.7	0	-152.0
17240	16.0	257.2	-2	-146.1
17250	16.1	258.6	-3	-140.8
17260	16.0	259.9	-4	-134.7
17270	8.8	261.1	-6	-115.2
17280	-2.8	262.1	-7	-85.4
17290	-1.5	262.9	-7	-78.0
17300	-6.4	263.6	-8	-56.7
17310	-8.1	264.1	-9	-51.9
17320	0.1	264.6	-9	-37.2
17330	0.7	264.9	-9	-36.4
17340	17.8	265.2	-10	-25.8
17350	41.0	265.4	-10	-13.8
17360	48.5	265.4	-10	-2.3
17370	41.9	265.4	-10	5.3
17380	27.8	265.3	-10	14.6
17390	13.3	265.1	-10	24.2
17400	10.4	264.8	-9	27.9
17410	17.4	264.6	-9	31.1
17420	28.6	264.2	-9	36.4
17430	35.8	263.8	-8	44.9
17440	34.7	263.4	-8	50.3
17450	27.5	262.8	-7	53.5
17460	19.8	262.1	-7	73.7
17470	17.5	261.4	-6	79.6
17480	21.4	260.7	-5	85.4
17490	28.1	259.8	-4	91.8
17500	31.7	258.9	-3	91.5
17510	29.0	258.0	-3	100.3
17520	22.4	256.9	-1	108.3
17530	16.7	255.8	0	114.4
17540	15.6	254.6	1	119.0
17550	19.1	253.4	2	123.2
17560	23.2	252.1	3	128.5
17570	25.2	250.8	5	134.9
17580	23.1	249.4	6	141.6
17590	17.2	247.9	8	147.7
17600	12.2	246.4	9	151.7
17610	11.1	244.8	11	155.2
17620	13.6	243.3	12	158.1
17630	17.4	241.7	14	161.5
17640	19.1	240.0	15	165.5
17650	16.5	238.3	17	170.3
17660	12.1	236.6	19	174.3
17670	8.5	234.8	21	176.7
17680	7.2	233.0	22	178.9
17690	9.6	231.2	24	179.7
17700	13.6	229.4	26	179.7
17710	16.1	227.6	28	179.9
17720	16.8	225.8	30	179.9
17730	14.8	224.0	31	179.9
17740	11.8	222.3	33	179.4
17750	9.4	220.5	35	179.4
17760	8.7	218.7	37	179.1

17770	8.9	216.9	39	179.4
17780	9.8	215.1	40	179.7
17790	10.8	213.3	42	179.7
17800	10.7	211.5	44	179.9
17810	9.6	209.7	46	179.7
17820	8.3	207.9	48	179.4
17830	7.7	206.1	49	179.4
17840	8.0	204.3	51	179.4
17850	7.9	202.5	53	179.7
17860	6.1	200.7	55	179.4
17870	2.2	198.9	57	179.1
17880	1.4	197.1	58	179.1
17890	1.6	195.3	60	178.6
17900	1.9	193.5	62	178.3
17910	3.3	191.8	64	178.3
17920	6.1	190.0	65	178.6
17930	6.8	188.2	67	179.4
17940	5.6	186.4	69	179.7
17950	3.3	184.6	71	179.4
17960	2.8	182.8	73	179.4
17970	3.5	181.0	74	179.7
17980	5.7	179.2	76	179.7
17990	8.7	177.4	78	179.9
18000	10.3	175.6	80	179.9
18010	10.4	173.8	82	179.7
18020	9.6	172.0	83	179.9
18030	8.0	170.2	85	179.7
18040	8.5	168.4	87	179.7
18050	9.5	166.6	89	179.9
18060	11.4	164.8	91	179.9
18070	12.3	163.0	92	179.9
18080	12.7	161.2	94	179.9
18090	12.3	159.4	96	179.9
18100	11.4	157.6	98	179.9
18110	10.8	155.8	100	179.9
18120	11.7	154.0	101	179.9
18130	12.9	152.2	103	179.9
18140	14.6	150.4	105	179.7
18150	14.6	148.6	107	180.2
18160	14.2	146.8	109	179.9
18170	12.6	145.0	110	179.9
18180	12.3	143.2	112	179.7
18190	12.9	141.4	114	179.7
18200	13.7	139.6	116	179.7
18210	14.1	137.8	118	179.9
18220	14.2	136.0	119	179.9
18230	14.6	134.2	121	179.7
18240	14.4	132.4	123	179.9
18250	13.6	130.6	125	179.9
18260	12.9	128.8	127	179.9
18270	12.2	127.0	128	179.7
18280	11.7	125.2	130	179.7
18290	11.4	123.4	132	179.7
18300	10.6	121.6	134	179.4

18310	9.4	119.8	136	179.4
18320	8.3	118.1	137	179.4
18330	7.3	116.3	139	179.4
18340	6.6	114.5	141	179.4
18350	5.7	112.7	143	179.4
18360	4.7	110.9	145	179.4
18370	3.5	109.1	146	179.4
18380	2.4	107.3	148	179.1
18390	1.8	105.5	150	179.4
18400	1.4	103.7	152	178.9
18410	1.4	101.9	154	178.6
18420	1.2	100.1	155	178.1
18430	1.1	98.4	157	177.5
18440	-0.8	96.6	159	175.7
18450	-7.5	94.8	161	173.8
18460	-11.5	93.1	162	170.1
18470	-11.9	91.5	164	165.5
18480	-8.8	89.8	166	161.5
18490	-6.8	88.3	167	158.4
18500	-8.4	86.7	169	155.2
18510	-13.6	85.2	170	151.4
18520	-18.8	83.7	172	146.4
18530	-20.6	82.3	173	140.0
18540	-19.8	80.9	175	133.1
18550	-17.5	79.6	176	125.6
18560	-11.8	78.6	177	107.2
18570	-5.6	77.7	178	79.6
18580	-2.8	76.9	179	73.2
18590	-6.1	76.2	179	53.7
18600	-13.6	75.7	180	48.1
18610	-20.1	75.3	180	38.6
18620	-24.1	75.0	180	27.4
18630	-25.2	74.7	181	25.5
18640	-23.1	74.6	181	17.5
18650	-19.5	74.5	181	10.3
18660	-17.0	74.4	181	4.5
18670	-17.6	74.4	181	-0.5
18680	-22.9	74.4	181	-2.6
18690	-26.0	74.5	181	-8.7
18700	-25.9	74.6	181	-14.1
18710	-22.9	74.8	181	-20.2
18720	-21.2	75.1	180	-25.8
18730	-23.2	75.4	180	-31.1
18740	-29.0	75.8	180	-37.2
18750	-33.9	76.3	179	-54.0
18760	-35.3	76.9	179	-64.6
18770	-32.7	77.5	178	-75.3
18780	-28.9	78.3	177	-84.6
18790	-26.2	79.1	176	-93.1
18800	-25.9	80.0	175	-101.4
18810	-27.5	81.0	174	-99.3
18820	-28.9	82.1	173	-107.2
18830	-28.5	83.2	172	-115.5
18840	-27.3	84.4	171	-122.9