

ISOK_EXERC_FLEX/EXT_300_R_SIDE
01/07
Set #1

TIME	TORQUE	POSITION	POS(ANAT)	VELOCITY
0	0.0	272.1	-20	0.0
10	1.4	272.1	-20	0.5
20	1.4	272.1	-20	0.5
30	1.4	272.1	-20	0.7
40	2.8	272.1	-20	0.7
50	9.4	272.0	-20	2.9
60	14.2	272.0	-20	6.3
70	12.9	271.9	-19	9.0
80	7.9	271.8	-19	11.9
90	4.3	271.6	-19	12.7
100	3.8	271.5	-19	13.8
110	6.4	271.3	-19	14.6
120	10.3	271.2	-19	16.2
130	12.7	271.0	-19	18.9
140	12.9	270.7	-18	22.0
150	10.8	270.4	-18	30.3
160	8.7	270.2	-18	30.3
170	7.9	269.8	-17	29.5
180	8.9	269.5	-17	31.6
190	11.1	269.1	-17	33.5
200	12.6	268.7	-16	36.2
210	12.6	268.3	-16	39.6
220	10.7	267.8	-15	51.3
230	8.9	267.4	-15	49.2
240	7.9	266.9	-14	46.5
250	8.7	266.3	-14	53.5
260	10.6	265.7	-13	61.4
270	11.9	265.2	-13	64.4
280	12.2	264.6	-12	61.4
290	11.0	263.9	-11	58.0
300	9.9	263.3	-11	60.6
310	9.6	262.6	-10	62.8
320	10.3	261.9	-9	64.9
330	11.8	261.1	-9	67.3
340	12.7	260.3	-8	78.0
350	12.9	259.5	-7	81.1
360	12.2	258.7	-6	84.6
370	11.4	257.8	-5	87.8
380	11.0	256.9	-4	90.5
390	11.5	256.0	-4	93.4
400	12.6	255.0	-3	96.6
410	13.0	254.0	-2	99.8
420	12.7	253.0	-1	103.0
430	11.8	252.0	0	106.4
440	11.4	250.9	2	109.4
450	11.5	249.8	3	112.0
460	11.8	248.6	4	115.0
470	11.5	247.4	5	117.9
480	11.5	246.2	6	120.5

490	11.3	245.0	7	123.5
500	11.3	243.8	9	126.4
510	11.3	242.5	10	129.1
520	11.3	241.2	11	132.0
530	11.1	239.8	13	134.1
540	9.9	238.5	14	137.1
550	9.5	237.1	15	139.5
560	8.5	235.7	17	141.6
570	7.9	234.2	18	143.4
580	8.3	232.8	20	145.0
590	8.9	231.3	21	146.9
600	8.9	229.8	23	148.2
610	8.5	228.3	24	150.6
620	7.6	226.8	26	152.2
630	6.8	225.3	27	153.8
640	6.5	223.7	29	155.2
650	6.4	222.2	30	156.0
660	6.2	220.6	32	157.6
670	6.6	219.0	33	158.4
680	6.2	217.4	35	159.7
690	5.8	215.8	37	160.5
700	5.7	214.2	38	161.8
710	5.6	212.6	40	162.6
720	5.2	211.0	41	163.1
730	4.7	209.3	43	164.2
740	4.2	207.7	45	164.5
750	4.1	206.0	46	165.0
760	4.2	204.4	48	165.5
770	4.1	202.7	50	165.8
780	3.7	201.0	51	166.3
790	2.7	199.4	53	166.9
800	2.3	197.7	55	166.6
810	2.2	196.0	56	166.6
820	2.2	194.4	58	166.3
830	2.2	192.7	60	166.1
840	2.0	191.1	61	166.1
850	2.0	189.4	63	166.1
860	1.9	187.7	65	165.8
870	1.8	186.1	66	165.5
880	1.6	184.4	68	165.5
890	0.4	182.8	70	164.7
900	-4.1	181.1	71	163.9
910	-7.6	179.5	73	161.0
920	-6.0	177.9	75	158.4
930	-2.6	176.3	76	156.0
940	-0.8	174.8	78	154.9
950	-0.4	173.3	79	153.6
960	-1.9	171.7	81	152.8
970	-4.2	170.2	82	151.4
980	-4.6	168.7	84	149.3
990	-3.4	167.2	85	147.4
1000	-1.6	165.8	87	145.3
1010	-0.7	164.3	88	144.2
1020	-0.4	162.9	90	143.4

1030	-1.5	161.5	91	142.9
1040	-2.3	160.0	92	141.6
1050	-3.5	158.6	94	140.2
1060	-3.4	157.2	95	138.4
1070	-1.8	155.9	97	136.8
1080	0.0	154.5	98	135.7
1090	1.6	153.2	99	135.2
1100	1.5	151.8	101	135.2
1110	0.7	150.5	102	134.9
1120	-0.1	149.1	103	134.4
1130	-0.5	147.8	105	133.6
1140	0.0	146.4	106	133.1
1150	1.1	145.1	107	132.5
1160	1.9	143.8	109	132.3
1170	1.8	142.5	110	132.3
1180	1.9	141.1	111	132.3
1190	1.9	139.8	113	132.0
1200	1.9	138.5	114	132.0
1210	1.9	137.2	115	132.0
1220	2.2	135.9	117	132.0
1230	2.4	134.5	118	132.0
1240	3.3	133.2	119	132.3
1250	4.9	131.9	121	132.5
1260	6.1	130.6	122	133.3
1270	4.9	129.2	123	134.1
1280	2.6	127.9	125	134.9
1290	1.8	126.5	126	135.2
1300	1.9	125.2	127	135.2
1310	2.2	123.8	129	135.2
1320	2.6	122.5	130	135.2
1330	3.3	121.1	131	135.2
1340	3.4	119.8	133	135.5
1350	3.5	118.4	134	136.0
1360	3.1	117.0	135	136.3
1370	2.6	115.7	137	136.5
1380	2.4	114.3	138	136.8
1390	2.3	112.9	140	136.5
1400	1.9	111.6	141	136.5
1410	1.8	110.2	142	136.5
1420	1.8	108.8	144	136.5
1430	1.8	107.5	145	136.5
1440	1.6	106.1	146	136.3
1450	1.5	104.8	148	136.0
1460	0.9	103.4	149	135.7
1470	-1.8	102.0	150	134.9
1480	-4.7	100.7	152	133.6
1490	-4.9	99.4	153	131.5
1500	-2.4	98.1	154	129.6
1510	0.0	96.8	156	128.3
1520	0.4	95.5	157	128.0
1530	-1.2	94.2	158	126.9
1540	-3.7	93.0	159	126.1
1550	-4.3	91.7	161	124.0
1560	-3.1	90.5	162	122.4

1570	-1.6	89.3	163	120.8
1580	-1.4	88.1	164	119.8
1590	-2.8	86.9	166	118.4
1600	-4.7	85.7	167	116.8
1610	-5.0	84.6	168	101.9
1620	0.1	83.6	169	92.3
1630	2.6	82.6	170	103.2
1640	4.1	81.7	171	85.4
1650	13.0	80.9	172	70.0
1660	17.5	80.2	172	71.3
1670	14.1	79.5	173	70.8
1680	6.8	79.0	173	57.7
1690	-0.1	78.4	174	51.9
1700	0.0	77.9	175	51.6
1710	0.3	77.5	175	42.5
1720	0.0	77.1	175	42.3
1730	-0.7	76.8	176	34.8
1740	-2.7	76.4	176	31.1
1750	-3.9	76.1	176	30.8
1760	-2.6	75.9	177	25.5
1770	-0.4	75.6	177	21.5
1780	0.5	75.4	177	23.9
1790	-0.3	75.2	177	19.7
1800	-3.7	75.0	177	17.5
1810	-8.4	74.9	178	13.5
1820	-12.2	74.7	178	13.3
1830	-13.4	74.6	178	8.7
1840	-12.2	74.6	178	4.7
1850	-9.8	74.6	178	1.5
1860	-8.5	74.6	178	-0.5
1870	-10.0	74.6	178	-1.0
1880	-11.4	74.6	178	-5.0
1890	-12.5	74.7	178	-7.7
1900	-13.0	74.8	178	-11.1
1910	-13.2	74.9	178	-15.1
1920	-14.2	75.1	177	-19.1
1930	-15.6	75.3	177	-21.0
1940	-17.4	75.5	177	-22.8
1950	-18.0	75.8	177	-33.0
1960	-17.4	76.1	176	-34.8
1970	-16.0	76.5	176	-35.4
1980	-15.1	76.9	176	-43.6
1990	-15.7	77.4	175	-52.7
2000	-17.6	77.9	175	-51.9
2010	-20.1	78.5	174	-51.1
2020	-21.0	79.1	173	-68.1
2030	-20.3	79.8	173	-74.5
2040	-18.6	80.5	172	-80.3
2050	-16.8	81.2	171	-85.4
2060	-15.9	82.0	170	-82.2
2070	-15.5	82.9	170	-77.7
2080	-15.5	83.8	169	-80.9
2090	-15.2	84.7	168	-84.6
2100	-13.8	85.7	167	-97.9

2110	-13.6	86.7	166	-101.4
2120	-13.2	87.8	165	-105.1
2130	-12.9	88.8	164	-108.3
2140	-12.7	89.9	163	-111.5
2150	-11.7	91.1	161	-114.7
2160	-10.6	92.2	160	-117.4
2170	-9.5	93.4	159	-120.0
2180	-9.2	94.7	158	-121.9
2190	-10.0	95.9	157	-124.3
2200	-11.3	97.2	155	-126.7
2210	-12.2	98.4	154	-129.3
2220	-12.1	99.8	153	-132.3
2230	-11.4	101.1	151	-135.2
2240	-10.7	102.5	150	-137.6
2250	-10.3	103.9	149	-140.2
2260	-11.1	105.3	147	-142.6
2270	-11.4	106.7	146	-145.3
2280	-11.5	108.2	144	-147.7
2290	-10.3	109.7	143	-150.6
2300	-9.5	111.2	141	-152.8
2310	-9.8	112.8	140	-155.2
2320	-10.8	114.3	138	-157.3
2330	-11.4	115.9	137	-159.4
2340	-11.1	117.5	135	-162.3
2350	-9.8	119.2	133	-164.5
2360	-8.1	120.8	132	-166.6
2370	-7.9	122.5	130	-168.2
2380	-9.5	124.2	128	-169.5
2390	-11.7	125.9	127	-171.9
2400	-12.6	127.7	125	-174.3
2410	-11.8	129.4	123	-176.7
2420	-10.6	131.2	121	-179.7
2430	-9.9	133.0	119	-181.8
2440	-9.9	134.9	118	-183.9
2450	-9.9	136.7	116	-186.0
2460	-9.9	138.6	114	-188.2
2470	-10.0	140.5	112	-190.0
2480	-10.7	142.4	110	-192.2
2490	-11.9	144.4	108	-194.6
2500	-11.8	146.3	106	-197.2
2510	-10.8	148.3	104	-199.4
2520	-10.6	150.3	102	-201.5
2530	-11.0	152.3	100	-203.9
2540	-11.0	154.4	98	-205.7
2550	-10.2	156.5	96	-208.1
2560	-8.4	158.6	94	-209.7
2570	-8.9	160.7	92	-211.3
2580	-10.6	162.8	90	-212.9
2590	-11.5	164.9	88	-214.8
2600	-11.7	167.1	85	-216.9
2610	-11.0	169.3	83	-219.3
2620	-9.9	171.5	81	-221.7
2630	-8.4	173.7	79	-223.6
2640	-7.7	176.0	76	-224.9

2650	-7.9	178.2	74	-226.2
2660	-8.8	180.5	72	-227.3
2670	-8.9	182.8	70	-228.9
2680	-8.1	185.1	67	-230.2
2690	-7.6	187.4	65	-231.8
2700	-6.5	189.7	63	-232.6
2710	-5.4	192.1	60	-233.4
2720	-5.8	194.4	58	-233.7
2730	-7.7	196.8	56	-234.2
2740	-9.1	199.1	53	-235.3
2750	-8.1	201.5	51	-236.9
2760	-6.6	203.8	49	-238.0
2770	-4.9	206.2	46	-239.3
2780	-3.5	208.6	44	-239.3
2790	-3.0	211.0	41	-239.3
2800	-3.4	213.4	39	-239.0
2810	-4.2	215.8	37	-238.8
2820	-5.4	218.2	34	-239.0
2830	-6.4	220.6	32	-239.3
2840	-6.4	223.0	29	-239.8
2850	-5.0	225.4	27	-240.9
2860	-3.0	227.8	25	-241.1
2870	-2.6	230.2	22	-240.9
2880	-2.4	232.6	20	-240.6
2890	-2.4	235.0	17	-240.1
2900	-2.3	237.4	15	-239.6
2910	-0.3	239.8	13	-238.8
2920	3.7	242.2	10	-237.2
2930	5.6	244.5	8	-234.8
2940	2.7	246.9	6	-232.1
2950	-0.9	249.2	3	-230.5
2960	-3.0	251.5	1	-230.0
2970	-2.3	253.8	-1	-230.0
2980	-0.8	256.1	-4	-229.2
2990	2.2	258.4	-6	-227.8
3000	5.2	260.6	-8	-225.7
3010	-1.8	262.6	-10	-183.1
3020	-7.5	264.4	-12	-167.1
3030	-42.4	265.9	-13	-152.2
3040	-61.7	267.1	-15	-116.3
3050	-62.2	268.1	-16	-96.1
3060	-43.4	268.9	-16	-84.1
3070	-19.5	269.5	-17	-60.9
3080	0.4	270.1	-18	-52.1
3090	0.1	270.5	-18	-38.3
3100	-0.5	270.8	-18	-33.8
3110	-0.4	271.1	-19	-25.8
3120	-0.8	271.3	-19	-18.6
3130	-0.5	271.5	-19	-17.3
3140	-0.7	271.6	-19	-12.5
3150	-0.7	271.7	-19	-12.5
3160	-0.8	271.8	-19	-9.5
3170	-0.7	271.9	-19	-6.6
3180	-0.8	272.0	-20	-6.6

3190	-0.7	272.0	-20	-5.3
3200	-0.3	272.1	-20	-4.2
3210	0.1	272.1	-20	-3.7
3220	0.8	272.1	-20	-2.6
3230	0.5	272.2	-20	-2.3
3240	0.5	272.2	-20	-1.8
3250	0.8	272.2	-20	-1.5
3260	4.3	272.2	-20	-0.7
3270	11.7	272.2	-20	1.0
3280	14.8	272.2	-20	3.7
3290	11.8	272.1	-20	7.1
3300	5.7	272.0	-20	10.3
3310	0.9	271.9	-19	10.9
3320	0.0	271.8	-19	9.8
3330	4.1	271.7	-19	9.8
3340	10.3	271.6	-19	11.1
3350	14.8	271.4	-19	13.8
3360	15.2	271.3	-19	17.0
3370	11.9	271.0	-19	25.5
3380	9.4	270.8	-18	26.3
3390	8.9	270.5	-18	25.8
3400	11.4	270.2	-18	34.0
3410	14.5	269.9	-17	37.8
3420	16.7	269.5	-17	42.0
3430	16.5	269.1	-17	42.3
3440	14.8	268.6	-16	42.0
3450	12.2	268.1	-16	55.3
3460	11.4	267.6	-15	53.5
3470	12.5	267.1	-15	51.1
3480	14.8	266.4	-14	66.2
3490	17.1	265.8	-13	69.7
3500	17.5	265.1	-13	75.3
3510	16.3	264.4	-12	80.3
3520	14.4	263.7	-11	69.4
3530	12.7	262.8	-10	88.9
3540	13.0	262.0	-10	92.1
3550	14.2	261.1	-9	96.1
3560	15.2	260.2	-8	99.8
3570	15.5	259.3	-7	94.7
3580	14.5	258.3	-6	99.3
3590	12.6	257.3	-5	102.4
3600	11.7	256.3	-4	105.9
3610	11.5	255.2	-3	109.1
3620	12.1	254.1	-2	111.8
3630	12.7	252.9	0	115.0
3640	12.7	251.7	1	117.9
3650	12.9	250.5	2	121.1
3660	12.3	249.3	3	124.3
3670	11.5	248.0	4	127.2
3680	11.1	246.7	6	129.9
3690	11.1	245.4	7	132.5
3700	11.3	244.1	8	135.5
3710	11.4	242.7	10	137.9
3720	11.4	241.3	11	140.8

3730	11.4	239.9	13	143.2
3740	10.3	238.4	14	145.8
3750	9.9	236.9	16	148.2
3760	9.2	235.4	17	150.4
3770	8.5	233.9	19	152.5
3780	9.2	232.4	20	154.1
3790	9.1	230.8	22	156.2
3800	8.1	229.3	23	158.1
3810	7.6	227.7	25	159.4
3820	7.1	226.1	26	161.0
3830	6.8	224.4	28	162.3
3840	6.4	222.8	30	163.7
3850	6.1	221.2	31	164.7
3860	6.0	219.5	33	165.5
3870	6.0	217.8	35	166.9
3880	5.4	216.2	36	167.7
3890	5.4	214.5	38	168.5
3900	5.4	212.8	40	169.3
3910	4.9	211.1	41	170.1
3920	4.7	209.4	43	170.9
3930	4.6	207.7	45	171.4
3940	4.9	206.0	46	171.9
3950	5.6	204.2	48	172.7
3960	5.7	202.5	50	173.5
3970	5.7	200.8	52	174.3
3980	4.7	199.0	53	175.1
3990	4.1	197.2	55	175.4
4000	4.2	195.5	57	175.9
4010	4.6	193.7	59	176.2
4020	4.7	192.0	60	177.0
4030	4.5	190.2	62	177.5
4040	4.1	188.4	64	177.8
4050	4.3	186.6	66	178.3
4060	4.5	184.8	68	178.9
4070	5.3	183.0	69	179.1
4080	5.3	181.2	71	179.9
4090	4.5	179.4	73	180.7
4100	4.5	177.6	75	181.0
4110	4.9	175.8	77	181.5
4120	5.2	174.0	78	182.0
4130	5.0	172.2	80	182.8
4140	4.5	170.3	82	183.6
4150	4.9	168.5	84	184.2
4160	5.3	166.7	86	184.7
4170	5.4	164.8	88	185.5
4180	5.2	162.9	90	186.0
4190	4.7	161.1	91	186.6
4200	4.9	159.2	93	187.1
4210	4.7	157.3	95	187.6
4220	4.9	155.4	97	188.4
4230	4.9	153.6	99	189.0
4240	5.2	151.7	101	189.2
4250	5.3	149.8	103	190.0
4260	4.7	147.9	105	190.6

4270	3.9	146.0	106	190.8
4280	3.3	144.0	108	190.8
4290	3.0	142.1	110	191.1
4300	3.3	140.2	112	191.1
4310	3.4	138.3	114	191.1
4320	3.5	136.4	116	191.4
4330	3.4	134.5	118	191.6
4340	3.1	132.6	120	191.6
4350	2.6	130.6	122	191.4
4360	2.4	128.7	124	191.6
4370	2.2	126.8	126	191.4
4380	2.2	124.9	128	191.4
4390	2.0	123.0	129	190.8
4400	1.8	121.1	131	190.3
4410	-0.7	119.2	133	189.8
4420	-5.7	117.3	135	188.2
4430	-7.1	115.4	137	185.5
4440	-4.5	113.6	139	182.6
4450	-0.9	111.8	141	180.7
4460	0.7	110.0	142	179.7
4470	-0.4	108.2	144	178.9
4480	-3.3	106.4	146	177.8
4490	-5.6	104.7	148	175.7
4500	-6.2	102.9	150	173.0
4510	-4.5	101.2	151	170.6
4520	-1.8	99.5	153	168.5
4530	-0.7	97.8	155	167.1
4540	-2.2	96.2	156	166.1
4550	-4.5	94.5	158	164.5
4560	-6.4	92.9	160	162.3
4570	-5.6	91.3	161	159.7
4580	-3.3	89.7	163	157.6
4590	-0.7	88.2	164	156.2
4600	-0.3	86.6	166	155.2
4610	-2.2	85.1	167	154.1
4620	0.3	83.6	169	156.2
4630	3.0	82.4	170	125.1
4640	14.1	81.2	171	109.9
4650	29.8	80.2	172	87.5
4660	33.6	79.3	173	85.7
4670	26.3	78.6	174	74.8
4680	12.1	77.9	175	71.0
4690	1.1	77.3	175	55.3
4700	0.0	76.8	176	47.9
4710	0.5	76.4	176	42.0
4720	0.4	76.0	176	33.0
4730	0.3	75.7	177	32.4
4740	0.0	75.4	177	26.0
4750	-0.9	75.1	177	25.0
4760	-3.7	74.9	178	23.4
4770	-5.6	74.7	178	18.3
4780	-6.5	74.5	178	15.9
4790	-6.9	74.4	178	12.2
4800	-7.7	74.3	178	13.0

4810	-9.6	74.2	178	9.0
4820	-12.2	74.1	178	5.5
4830	-14.2	74.1	178	2.3
4840	-15.2	74.1	178	-1.0
4850	-16.1	74.1	178	-3.7
4860	-15.1	74.2	178	-8.5
4870	-13.3	74.3	178	-12.7
4880	-12.3	74.4	178	-14.9
4890	-13.2	74.6	178	-18.3
4900	-16.0	74.8	178	-24.2
4910	-18.7	75.0	177	-26.0
4920	-20.2	75.3	177	-27.9
4930	-19.9	75.7	177	-40.4
4940	-18.6	76.1	176	-41.7
4950	-17.5	76.6	176	-47.1
4960	-17.4	77.1	175	-46.5
4970	-18.7	77.6	175	-62.0
4980	-19.8	78.2	174	-60.9
4990	-20.6	78.9	174	-59.6
5000	-20.6	79.6	173	-64.9
5010	-20.7	80.4	172	-85.1
5020	-21.6	81.1	171	-82.5
5030	-22.8	82.0	170	-79.3
5040	-23.3	82.9	170	-84.9
5050	-23.2	83.9	169	-90.2
5060	-22.0	85.0	167	-95.8
5070	-20.6	86.1	166	-112.0
5080	-20.7	87.3	165	-117.6
5090	-21.6	88.5	164	-123.2
5100	-22.9	89.8	163	-128.8
5110	-23.2	91.1	161	-135.2
5120	-22.4	92.5	160	-141.3
5130	-20.6	94.0	158	-147.4
5140	-19.5	95.5	157	-152.5
5150	-19.0	97.1	155	-157.3
5160	-18.2	98.7	154	-162.3
5170	-16.8	100.3	152	-166.6
5180	-15.7	102.0	150	-171.1
5190	-14.8	103.8	149	-174.6
5200	-15.3	105.5	147	-178.3
5210	-16.8	107.4	145	-182.0
5220	-16.8	109.2	143	-186.0
5230	-15.1	111.1	141	-190.0
5240	-13.2	113.0	139	-193.8
5250	-11.9	115.0	137	-196.7
5260	-11.4	117.0	135	-199.1
5270	-11.3	119.0	133	-201.5
5280	-10.8	121.0	131	-203.9
5290	-11.1	123.1	129	-206.0
5300	-12.1	125.1	127	-208.1
5310	-12.6	127.2	125	-210.8
5320	-11.9	129.4	123	-213.2
5330	-10.6	131.5	121	-215.9
5340	-10.3	133.7	119	-218.0

5350	-9.5	135.9	117	-219.6
5360	-8.3	138.1	114	-221.2
5370	-7.6	140.3	112	-222.5
5380	-8.4	142.6	110	-224.1
5390	-10.3	144.8	108	-225.7
5400	-10.2	147.1	105	-227.3
5410	-9.2	149.4	103	-229.4
5420	-8.9	151.7	101	-230.8
5430	-8.1	154.0	98	-232.4
5440	-6.6	156.3	96	-233.4
5450	-5.3	158.7	94	-234.2
5460	-6.4	161.0	91	-234.8
5470	-7.6	163.4	89	-235.8
5480	-8.0	165.7	87	-236.6
5490	-7.6	168.1	84	-237.7
5500	-7.2	170.5	82	-239.0
5510	-6.4	172.9	80	-239.8
5520	-5.6	175.3	77	-240.6
5530	-5.8	177.7	75	-241.4
5540	-7.1	180.1	72	-241.7
5550	-8.4	182.6	70	-242.7
5560	-8.5	185.0	67	-243.8
5570	-7.6	187.4	65	-245.1
5580	-5.4	189.9	63	-245.9
5590	-3.8	192.4	60	-246.2
5600	-3.8	194.8	58	-246.2
5610	-5.3	197.3	55	-246.2
5620	-7.2	199.8	53	-246.7
5630	-8.0	202.2	50	-247.5
5640	-6.9	204.7	48	-248.6
5650	-4.2	207.2	45	-249.7
5660	-2.8	209.7	43	-249.9
5670	-2.8	212.2	40	-249.4
5680	-3.0	214.7	38	-248.9
5690	-2.8	217.2	35	-249.1
5700	-3.0	219.7	33	-248.6
5710	-2.8	222.2	30	-248.1
5720	-2.8	224.6	28	-247.8
5730	-2.7	227.1	25	-247.0
5740	-2.8	229.6	23	-247.0
5750	-2.7	232.1	20	-246.7
5760	-2.6	234.5	18	-246.5
5770	-2.3	237.0	15	-245.9
5780	-0.7	239.4	13	-244.9
5790	2.3	241.9	11	-243.8
5800	4.1	244.3	8	-241.4
5810	2.3	246.7	6	-239.3
5820	-0.1	249.1	3	-237.4
5830	-2.0	251.4	1	-236.9
5840	-1.4	253.8	-1	-236.4
5850	0.0	256.2	-4	-235.3
5860	1.9	258.5	-6	-234.0
5870	3.4	260.7	-8	-208.7
5880	-3.8	262.9	-10	-184.7

5890	-17.1	264.7	-12	-167.9
5900	-51.7	266.1	-14	-138.9
5910	-70.4	267.3	-15	-103.5
5920	-65.6	268.3	-16	-94.2
5930	-44.3	269.1	-17	-75.0
5940	-17.0	269.7	-17	-52.4
5950	1.6	270.2	-18	-45.2
5960	0.4	270.6	-18	-32.7
5970	0.7	270.9	-18	-29.5
5980	4.3	271.2	-19	-21.2
5990	6.0	271.4	-19	-18.9
6000	5.2	271.5	-19	-16.7
6010	3.9	271.7	-19	-12.5
6020	5.6	271.8	-19	-10.1
6030	9.1	271.9	-19	-6.9
6040	13.3	271.9	-19	-4.7
6050	16.3	271.9	-19	0.0
6060	18.2	271.9	-19	1.5
6070	17.0	271.9	-19	7.1
6080	13.3	271.8	-19	11.4
6090	11.0	271.6	-19	15.4
6100	11.3	271.5	-19	18.9
6110	14.4	271.3	-19	21.8
6120	17.5	271.1	-19	23.9
6130	19.1	270.8	-18	28.7
6140	18.8	270.5	-18	30.8
6150	17.2	270.1	-18	35.1
6160	16.0	269.6	-17	48.1
6170	16.3	269.2	-17	47.9
6180	17.8	268.7	-16	46.8
6190	19.4	268.1	-16	50.8
6200	20.2	267.5	-15	67.8
6210	19.4	266.9	-14	67.0
6220	18.0	266.2	-14	64.9
6230	17.1	265.4	-13	84.3
6240	17.1	264.6	-12	80.9
6250	18.0	263.8	-11	76.6
6260	19.3	262.8	-10	99.0
6270	19.7	261.9	-9	94.7
6280	19.4	261.0	-9	89.7
6290	18.2	259.9	-7	105.1
6300	17.2	258.8	-6	109.6
6310	16.3	257.6	-5	114.2
6320	16.0	256.5	-4	118.7
6330	17.2	255.3	-3	122.9
6340	18.6	254.0	-2	127.2
6350	18.8	252.7	0	132.3
6360	18.4	251.3	1	137.3
6370	17.2	249.9	3	142.1
6380	15.9	248.5	4	146.1
6390	14.9	247.0	5	150.1
6400	15.1	245.4	7	154.1
6410	15.3	243.9	9	157.3
6420	15.2	242.3	10	161.0

6430	14.8	240.6	12	164.7
6440	13.4	239.0	13	168.5
6450	12.1	237.2	15	171.4
6460	11.4	235.5	17	174.1
6470	11.1	233.7	19	176.7
6480	11.7	232.0	20	179.4
6490	11.5	230.1	22	181.8
6500	10.4	228.3	24	184.2
6510	9.2	226.4	26	186.3
6520	8.7	224.6	28	188.4
6530	8.8	222.7	30	190.3
6540	8.4	220.8	32	191.6
6550	8.4	218.8	34	193.2
6560	7.7	216.9	36	195.1
6570	7.2	214.9	38	196.2
6580	6.8	212.9	40	197.5
6590	5.6	211.0	41	198.6
6600	4.9	209.0	43	198.8
6610	4.7	207.0	45	199.4
6620	5.3	205.0	47	199.6
6630	6.1	203.0	49	200.4
6640	6.5	201.0	51	201.5
6650	5.3	199.0	53	202.3
6660	3.8	196.9	56	202.8
6670	3.1	194.9	58	202.8
6680	3.0	192.9	60	202.8
6690	2.8	190.8	62	202.5
6700	2.7	188.8	64	202.5
6710	2.7	186.8	66	202.3
6720	2.8	184.8	68	202.3
6730	3.0	182.7	70	202.0
6740	2.7	180.7	72	202.0
6750	2.6	178.7	74	202.0
6760	2.4	176.7	76	201.7
6770	2.3	174.7	78	201.5
6780	2.3	172.7	80	200.9
6790	2.3	170.6	82	200.9
6800	2.2	168.6	84	200.7
6810	2.2	166.6	86	200.7
6820	2.0	164.6	88	200.1
6830	1.5	162.6	90	199.6
6840	0.5	160.6	92	199.1
6850	-0.4	158.7	94	198.0
6860	-0.4	156.7	96	197.0
6870	1.2	154.7	98	195.6
6880	2.6	152.8	100	195.4
6890	2.6	150.8	102	195.4
6900	2.4	148.9	104	195.4
6910	2.4	146.9	106	194.8
6920	2.4	145.0	107	194.8
6930	2.3	143.0	109	194.8
6940	2.3	141.1	111	194.3
6950	2.3	139.1	113	194.3
6960	2.0	137.2	115	194.0

6970	1.8	135.2	117	193.5
6980	1.4	133.3	119	193.0
6990	0.0	131.4	121	192.4
7000	-1.2	129.5	123	191.1
7010	-1.2	127.6	125	190.0
7020	-0.1	125.7	127	188.7
7030	0.5	123.8	129	187.9
7040	0.5	121.9	131	187.4
7050	-0.4	120.0	132	186.3
7060	-0.9	118.2	134	185.2
7070	-0.5	116.3	136	184.2
7080	0.0	114.5	138	182.8
7090	0.3	112.7	140	182.0
7100	-0.7	110.9	142	181.2
7110	-1.9	109.1	143	179.9
7120	-1.9	107.3	145	178.6
7130	-2.2	105.5	147	177.0
7140	-2.4	103.7	149	175.7
7150	-2.7	102.0	150	174.1
7160	-2.2	100.3	152	172.2
7170	-1.9	98.6	154	170.6
7180	-1.6	96.9	156	169.3
7190	-2.3	95.2	157	167.9
7200	-3.4	93.5	159	166.3
7210	-3.8	91.9	161	164.5
7220	-3.1	90.2	162	162.3
7230	-1.9	88.6	164	161.0
7240	-1.8	87.0	165	159.4
7250	-2.8	85.4	167	158.1
7260	-1.6	83.9	169	165.0
7270	2.8	82.6	170	131.7
7280	10.8	81.4	171	115.2
7290	26.4	80.4	172	91.3
7300	31.2	79.4	173	89.4
7310	23.1	78.6	174	77.4
7320	9.4	78.0	174	66.8
7330	-0.1	77.3	175	62.8
7340	-0.5	76.8	176	44.4
7350	-6.6	76.4	176	42.8
7360	-14.0	76.0	176	35.9
7370	-15.2	75.7	177	27.6
7380	-13.2	75.4	177	26.8
7390	-9.6	75.2	177	21.2
7400	-7.6	74.9	178	23.6
7410	-8.3	74.8	178	19.1
7420	-10.7	74.6	178	14.6
7430	-13.4	74.4	178	12.7
7440	-15.6	74.3	178	7.7
7450	-18.0	74.3	178	4.5
7460	-21.2	74.3	178	-1.0
7470	-25.8	74.3	178	-4.7
7480	-28.3	74.4	178	-10.9
7490	-28.3	74.6	178	-18.6
7500	-26.4	74.8	178	-26.0

7510	-24.1	75.1	177	-33.2
7520	-23.1	75.5	177	-35.6
7530	-23.2	76.0	176	-41.2
7540	-23.9	76.5	176	-57.5
7550	-24.3	77.0	175	-58.5
7560	-24.4	77.7	175	-58.5
7570	-24.0	78.4	174	-78.5
7580	-23.7	79.1	173	-77.7
7590	-24.0	79.9	173	-75.8
7600	-24.5	80.9	172	-99.0
7610	-24.5	81.8	171	-106.2
7620	-23.7	82.8	170	-92.9
7630	-22.2	83.9	169	-97.9
7640	-22.0	85.0	167	-103.2
7650	-23.2	86.2	166	-120.5
7660	-25.9	87.5	165	-126.9
7670	-28.3	88.8	164	-133.9
7680	-29.0	90.2	162	-141.8
7690	-27.5	91.7	161	-149.6
7700	-25.2	93.2	159	-156.8
7710	-23.7	94.9	158	-163.4
7720	-23.1	96.5	156	-169.8
7730	-23.6	98.3	154	-175.4
7740	-23.6	100.1	152	-181.8
7750	-23.5	102.0	150	-188.2
7760	-22.9	103.9	149	-193.8
7770	-23.5	105.9	147	-199.6
7780	-24.3	107.9	145	-205.7
7790	-23.6	110.0	142	-212.1
7800	-22.1	112.2	140	-218.0
7810	-20.7	114.4	138	-223.6
7820	-19.7	116.7	136	-228.4
7830	-18.4	119.0	133	-232.9
7840	-17.2	121.4	131	-237.4
7850	-17.2	123.8	129	-241.4
7860	-18.7	126.2	126	-245.7
7870	-19.5	128.7	124	-249.9
7880	-18.4	131.2	121	-253.9
7890	-17.2	133.8	119	-258.2
7900	-15.2	136.4	116	-261.6
7910	-12.9	139.0	113	-264.8
7920	-12.2	141.7	111	-267.2
7930	-13.7	144.4	108	-269.4
7940	-14.9	147.1	105	-272.6
7950	-14.2	149.9	103	-275.5
7960	-13.8	152.6	100	-278.4
7970	-12.3	155.4	97	-280.8
7980	-9.8	158.3	94	-283.2
7990	-9.9	161.1	91	-284.5
8000	-10.6	164.0	88	-285.9
8010	-10.8	166.8	86	-287.7
8020	-9.6	169.7	83	-289.3
8030	-8.3	172.6	80	-289.6
8040	-6.5	175.5	77	-289.6

8050	-5.8	178.4	74	-289.3
8060	-5.6	181.3	71	-289.6
8070	-5.3	184.2	68	-289.3
8080	-4.6	187.1	65	-289.3
8090	-3.5	190.0	62	-289.9
8100	-3.1	192.9	60	-289.3
8110	-3.0	195.8	57	-288.5
8120	-3.1	198.7	54	-288.5
8130	-3.1	201.5	51	-287.7
8140	-3.1	204.4	48	-287.2
8150	-2.8	207.3	45	-286.7
8160	-1.8	210.1	42	-286.1
8170	2.3	213.0	39	-284.5
8180	5.2	215.8	37	-282.1
8190	4.5	218.6	34	-279.2
8200	1.8	221.4	31	-277.1
8210	-0.8	224.2	28	-275.0
8220	-1.8	226.9	26	-274.2
8230	-0.7	229.6	23	-273.6
8240	0.7	232.4	20	-272.6
8250	1.9	235.1	17	-270.7
8260	1.9	237.8	15	-268.8
8270	1.1	240.4	12	-267.2
8280	0.8	243.1	9	-265.4
8290	1.8	245.7	7	-263.8
8300	3.5	248.4	4	-261.6
8310	4.7	251.0	1	-259.5
8320	6.0	253.5	-1	-256.9
8330	6.1	256.1	-4	-253.4
8340	5.2	258.6	-6	-250.7
8350	4.2	261.1	-9	-246.7
8360	-3.7	263.2	-11	-216.4
8370	-31.9	265.1	-13	-187.4
8380	-64.5	266.6	-14	-141.6
8390	-79.6	267.8	-15	-115.5
8400	-71.2	268.8	-16	-91.0
8410	-46.4	269.5	-17	-71.6
8420	-17.2	270.1	-18	-54.8
8430	0.9	270.6	-18	-37.2
8440	0.5	270.9	-18	-33.0
8450	1.5	271.2	-19	-23.6
8460	4.9	271.4	-19	-20.7
8470	7.3	271.6	-19	-14.3
8480	7.7	271.7	-19	-12.5
8490	6.9	271.8	-19	-9.0
8500	7.7	271.9	-19	-8.2
8510	8.8	272.0	-20	-5.3
8520	9.9	272.0	-20	-2.1
8530	10.2	272.0	-20	0.5
8540	10.8	272.0	-20	0.5
8550	10.3	272.0	-20	4.2
8560	8.7	271.9	-19	5.8
8570	8.5	271.8	-19	7.9
8580	10.4	271.7	-19	9.8

8590	13.4	271.6	-19	12.7
8600	15.6	271.4	-19	15.9
8610	16.1	271.2	-19	19.7
8620	15.2	270.9	-18	29.0
8630	13.8	270.7	-18	30.3
8640	13.6	270.3	-18	30.6
8650	14.6	270.0	-18	33.8
8660	16.4	269.6	-17	41.5
8670	17.2	269.1	-17	50.3
8680	16.8	268.6	-16	54.8
8690	15.3	268.1	-16	60.1
8700	14.1	267.5	-15	58.5
8710	13.3	266.9	-14	56.4
8720	13.8	266.2	-14	72.6
8730	15.5	265.5	-13	76.4
8740	17.4	264.8	-12	80.6
8750	18.2	264.0	-12	85.9
8760	17.6	263.3	-11	82.7
8770	16.7	262.4	-10	78.5
8780	15.9	261.5	-9	82.2
8790	15.5	260.6	-8	85.9
8800	15.7	259.5	-7	99.3
8810	16.4	258.5	-6	103.5
8820	16.3	257.4	-5	108.0
8830	16.0	256.3	-4	112.0
8840	15.6	255.2	-3	116.6
8850	15.5	254.0	-2	120.5
8860	15.2	252.7	0	124.5
8870	15.5	251.4	1	128.8
8880	16.0	250.1	2	132.8
8890	15.6	248.8	4	136.5
8900	14.6	247.4	5	140.5
8910	13.7	245.9	7	144.0
8920	12.7	244.5	8	147.4
8930	12.6	243.0	9	150.4
8940	12.9	241.5	11	153.6
8950	13.2	239.9	13	156.8
8960	12.3	238.3	14	159.7
8970	11.4	236.7	16	162.6
8980	10.0	235.0	17	165.0
8990	9.1	233.4	19	167.4
9000	8.9	231.7	21	169.0
9010	9.4	230.0	22	170.9
9020	9.2	228.3	24	173.0
9030	9.1	226.5	26	174.9
9040	9.1	224.7	28	176.7
9050	8.5	223.0	29	178.6
9060	7.2	221.2	31	179.9
9070	6.2	219.4	33	181.2
9080	6.1	217.5	35	182.0
9090	6.5	215.7	37	183.1
9100	8.0	213.9	39	184.4
9110	8.1	212.0	40	185.8
9120	6.6	210.1	42	187.4

9130	5.2	208.3	44	188.2
9140	4.3	206.4	46	189.0
9150	4.6	204.5	48	189.2
9160	5.4	202.6	50	190.0
9170	6.0	200.7	52	190.8
9180	5.3	198.8	54	191.4
9190	4.2	196.8	56	191.9
9200	3.9	194.9	58	192.4
9210	3.5	193.0	59	192.4
9220	3.5	191.1	61	192.7
9230	3.5	189.1	63	193.0
9240	3.9	187.2	65	193.0
9250	3.9	185.3	67	193.2
9260	3.5	183.3	69	193.5
9270	2.8	181.4	71	193.8
9280	2.3	179.5	73	193.8
9290	2.3	177.5	75	193.5
9300	2.2	175.6	77	193.2
9310	2.2	173.7	79	193.0
9320	2.2	171.7	81	192.4
9330	2.2	169.8	83	192.4
9340	2.0	167.9	85	191.9
9350	2.0	166.0	86	191.6
9360	1.8	164.1	88	191.4
9370	1.1	162.1	90	190.8
9380	0.5	160.2	92	190.3
9390	0.0	158.3	94	189.2
9400	0.3	156.5	96	188.7
9410	1.4	154.6	98	187.9
9420	2.4	152.7	100	187.6
9430	2.3	150.8	102	187.4
9440	2.3	149.0	103	187.1
9450	2.0	147.1	105	186.8
9460	1.8	145.2	107	186.6
9470	1.4	143.4	109	186.3
9480	0.5	141.5	111	185.5
9490	-0.5	139.6	113	185.0
9500	-0.5	137.8	115	183.6
9510	0.8	136.0	116	182.8
9520	2.2	134.1	118	182.3
9530	2.0	132.3	120	182.0
9540	1.8	130.5	122	181.8
9550	0.8	128.7	124	181.2
9560	-0.3	126.9	126	180.4
9570	-0.7	125.1	127	179.4
9580	-0.5	123.3	129	178.3
9590	-0.5	121.5	131	177.5
9600	-0.1	119.8	133	176.5
9610	0.4	118.0	134	175.7
9620	0.4	116.2	136	174.9
9630	0.0	114.5	138	174.1
9640	-0.7	112.8	140	173.3
9650	-1.9	111.0	141	171.9
9660	-2.0	109.3	143	170.3

9670	-1.4	107.6	145	169.0
9680	-0.9	106.0	146	167.9
9690	-1.6	104.3	148	166.9
9700	-3.0	102.6	150	165.3
9710	-4.1	101.0	151	163.4
9720	-3.7	99.4	153	161.3
9730	-2.3	97.8	155	159.7
9740	-1.9	96.2	156	158.4
9750	-3.3	94.6	158	157.0
9760	-4.9	93.1	159	154.9
9770	-6.0	91.5	161	152.5
9780	-5.8	90.0	162	150.1
9790	-4.9	88.5	164	148.0
9800	-5.0	87.1	165	145.6
9810	-7.2	85.6	167	143.2
9820	-7.7	84.2	168	136.5
9830	-3.0	83.0	169	121.6
9840	2.2	81.9	171	97.4
9850	1.8	80.9	172	96.3
9860	1.9	80.1	172	76.6
9870	2.0	79.3	173	75.3
9880	1.6	78.6	174	59.6
9890	-0.4	78.0	174	59.1
9900	0.0	77.4	175	56.9
9910	-2.6	77.0	175	46.0
9920	-13.7	76.6	176	39.1
9930	-22.1	76.2	176	35.6
9940	-22.1	75.9	177	26.0
9950	-17.2	75.7	177	22.3
9960	-12.3	75.6	177	15.9
9970	-11.3	75.4	177	11.4
9980	-15.3	75.3	177	9.8
9990	-20.7	75.3	177	3.9
10000	-25.4	75.3	177	-1.3
10010	-27.8	75.3	177	-5.5
10020	-26.4	75.4	177	-14.6
10030	-23.9	75.6	177	-20.2
10040	-22.5	75.9	177	-24.2
10050	-23.5	76.2	176	-30.0
10060	-25.9	76.6	176	-43.6
10070	-27.4	77.0	175	-47.1
10080	-26.8	77.5	175	-48.9
10090	-24.8	78.2	174	-67.6
10100	-22.6	78.8	174	-67.8
10110	-22.1	79.5	173	-66.2
10120	-23.6	80.3	172	-72.9
10130	-25.6	81.1	171	-77.4
10140	-26.6	82.0	170	-85.1
10150	-25.5	83.0	169	-89.9
10160	-23.9	84.1	168	-95.8
10170	-22.1	85.2	167	-101.4
10180	-22.0	86.4	166	-118.2
10190	-23.2	87.6	165	-124.5
10200	-24.4	88.9	164	-130.4

10210	-24.7	90.3	162	-137.3
10220	-23.6	91.7	161	-143.4
10230	-21.7	93.2	159	-149.8
10240	-21.2	94.7	158	-155.2
10250	-21.6	96.3	156	-161.3
10260	-22.1	98.0	154	-166.6
10270	-21.0	99.7	153	-172.5
10280	-19.1	101.5	151	-178.1
10290	-17.2	103.3	149	-182.0
10300	-17.1	105.1	147	-186.8
10310	-19.0	107.0	145	-191.1
10320	-20.3	109.0	143	-195.4
10330	-19.7	111.0	141	-200.4
10340	-17.6	113.0	139	-205.2
10350	-15.5	115.1	137	-209.2
10360	-14.0	117.2	135	-212.7
10370	-13.3	119.4	133	-215.9
10380	-12.7	121.5	131	-218.5
10390	-13.2	123.7	129	-221.4
10400	-14.4	126.0	126	-224.6
10410	-14.6	128.2	124	-227.6
10420	-13.3	130.5	122	-230.2
10430	-12.3	132.9	120	-233.2
10440	-12.1	135.2	117	-235.8
10450	-11.5	137.6	115	-238.2
10460	-10.4	140.0	112	-240.3
10470	-10.4	142.4	110	-242.5
10480	-11.8	144.9	108	-244.6
10490	-11.1	147.3	105	-247.0
10500	-10.4	149.8	103	-249.1
10510	-10.7	152.3	100	-251.0
10520	-10.2	154.8	98	-252.9
10530	-7.9	157.4	95	-254.7
10540	-6.9	159.9	93	-255.8
10550	-8.5	162.5	90	-256.6
10560	-9.5	165.1	87	-257.9
10570	-8.7	167.7	85	-259.5
10580	-8.1	170.3	82	-260.6
10590	-7.1	172.9	80	-261.4
10600	-6.0	175.5	77	-262.2
10610	-6.0	178.1	74	-262.7
10620	-7.1	180.8	72	-263.5
10630	-7.5	183.4	69	-264.0
10640	-7.3	186.0	66	-264.8
10650	-6.4	188.7	64	-265.9
10660	-4.1	191.4	61	-266.4
10670	-3.3	194.0	58	-266.4
10680	-3.1	196.7	56	-265.9
10690	-3.1	199.4	53	-265.9
10700	-3.1	202.0	50	-265.1
10710	-3.1	204.7	48	-264.8
10720	-3.0	207.3	45	-264.6
10730	-3.0	210.0	42	-264.3
10740	-2.8	212.6	40	-263.8

10750	-2.8	215.2	37	-263.2
10760	-2.7	217.9	35	-263.0
10770	-2.3	220.5	32	-262.4
10780	0.7	223.1	29	-261.4
10790	6.5	225.7	27	-259.3
10800	8.9	228.3	24	-256.1
10810	6.6	230.8	22	-252.1
10820	2.6	233.3	19	-249.1
10830	0.5	235.8	17	-247.3
10840	0.9	238.2	14	-245.9
10850	3.0	240.7	12	-244.3
10860	5.4	243.1	9	-242.2
10870	6.8	245.5	7	-239.0
10880	6.5	247.9	5	-235.6
10890	4.6	250.2	2	-232.9
10900	3.3	252.5	0	-230.5
10910	3.8	254.8	-2	-228.1
10920	5.0	257.1	-5	-226.0
10930	6.2	259.3	-7	-223.6
10940	6.9	261.4	-9	-197.5
10950	-3.7	263.4	-11	-185.0
10960	-21.7	265.0	-13	-136.8
10970	-49.9	266.3	-14	-127.5
10980	-61.0	267.4	-15	-106.7
10990	-50.6	268.4	-16	-95.8
11000	-28.5	269.1	-17	-70.0
11010	-6.0	269.7	-17	-55.6
11020	0.3	270.2	-18	-39.9
11030	0.4	270.6	-18	-36.4
11040	4.7	270.9	-18	-26.8
11050	11.5	271.1	-19	-23.6
11060	12.9	271.3	-19	-16.7
11070	11.8	271.5	-19	-14.9
11080	10.4	271.6	-19	-10.3
11090	11.1	271.7	-19	-9.5
11100	12.9	271.8	-19	-5.3
11110	14.5	271.8	-19	-1.3
11120	16.3	271.8	-19	0.2
11130	16.8	271.7	-19	4.2
11140	14.6	271.7	-19	7.7
11150	12.5	271.5	-19	14.1
11160	12.9	271.4	-19	17.8
11170	16.0	271.2	-19	19.7
11180	19.4	271.0	-19	24.2
11190	21.0	270.7	-18	26.6
11200	20.9	270.4	-18	31.6
11210	19.1	269.9	-17	44.7
11220	17.5	269.5	-17	45.7
11230	17.0	269.0	-17	45.5
11240	18.0	268.5	-16	49.5
11250	19.9	267.9	-15	65.7
11260	20.6	267.2	-15	71.6
11270	19.8	266.5	-14	77.7
11280	17.6	265.8	-13	75.8

11290	16.3	265.0	-13	72.1
11300	16.0	264.2	-12	84.1
11310	16.8	263.3	-11	97.4
11320	17.8	262.4	-10	101.9
11330	17.9	261.4	-9	107.0
11340	17.0	260.4	-8	112.0
11350	15.5	259.4	-7	106.4
11360	14.2	258.3	-6	110.4
11370	14.4	257.1	-5	113.9
11380	15.5	256.0	-4	117.9
11390	16.4	254.7	-2	122.1
11400	16.8	253.5	-1	126.1
11410	15.9	252.2	0	130.7
11420	15.2	250.9	2	134.9
11430	14.0	249.5	3	138.7
11440	13.3	248.1	4	142.1
11450	12.7	246.6	6	145.6
11460	13.2	245.1	7	148.5
11470	13.0	243.6	9	151.7
11480	12.5	242.1	10	154.6
11490	11.9	240.5	12	157.6
11500	11.0	238.9	14	160.2
11510	10.7	237.3	15	162.6
11520	10.6	235.7	17	165.0
11530	9.8	234.0	18	167.4
11540	9.2	232.3	20	169.3
11550	8.4	230.6	22	171.4
11560	7.6	228.9	24	173.3
11570	7.2	227.1	25	174.3
11580	7.3	225.4	27	175.7
11590	8.0	223.6	29	177.3
11600	8.3	221.8	31	178.3
11610	7.9	220.0	32	180.2
11620	6.6	218.2	34	181.5
11630	5.6	216.4	36	182.8
11640	5.4	214.5	38	183.4
11650	6.1	212.7	40	184.2
11660	6.5	210.9	42	185.5
11670	6.9	209.0	43	186.3
11680	6.8	207.1	45	187.4
11690	6.4	205.2	47	188.4
11700	5.6	203.3	49	189.5
11710	4.6	201.4	51	190.3
11720	3.8	199.5	53	190.6
11730	3.4	197.6	55	190.8
11740	3.9	195.7	57	190.8
11750	4.5	193.8	59	191.1
11760	4.9	191.9	61	191.6
11770	4.3	190.0	62	191.9
11780	3.3	188.1	64	192.4
11790	3.0	186.1	66	192.4
11800	3.0	184.2	68	192.2
11810	3.1	182.3	70	191.9
11820	2.8	180.4	72	192.4

11830	3.0	178.4	74	192.4
11840	2.8	176.5	76	191.9
11850	2.6	174.6	78	191.9
11860	2.7	172.7	80	191.6
11870	2.6	170.8	82	191.9
11880	2.6	168.8	84	191.9
11890	2.6	166.9	86	191.4
11900	2.6	165.0	87	191.1
11910	2.4	163.1	89	191.1
11920	2.7	161.2	91	191.1
11930	2.7	159.3	93	191.4
11940	2.7	157.4	95	190.8
11950	3.0	155.5	97	190.8
11960	3.0	153.6	99	190.8
11970	3.3	151.6	101	190.8
11980	3.8	149.7	103	190.6
11990	3.9	147.8	105	191.1
12000	3.7	145.9	107	191.4
12010	3.3	144.0	108	191.1
12020	3.1	142.1	110	191.6
12030	2.8	140.2	112	191.4
12040	2.7	138.3	114	191.4
12050	2.8	136.3	116	191.4
12060	2.8	134.4	118	191.4
12070	2.7	132.5	120	191.1
12080	2.4	130.6	122	191.4
12090	2.4	128.7	124	191.1
12100	2.2	126.8	126	190.8
12110	2.0	124.9	128	190.6
12120	2.0	123.0	129	190.0
12130	2.0	121.1	131	189.8
12140	1.8	119.2	133	189.5
12150	0.9	117.3	135	189.0
12160	-1.8	115.4	137	188.2
12170	-3.8	113.5	139	186.8
12180	-3.3	111.7	141	184.7
12190	-1.4	109.8	143	182.8
12200	0.7	108.0	144	181.5
12210	0.8	106.2	146	181.0
12220	-0.8	104.4	148	180.2
12230	-2.8	102.6	150	178.9
12240	-3.7	100.8	152	177.0
12250	-2.2	99.1	153	175.1
12260	-0.9	97.3	155	173.8
12270	-1.1	95.6	157	172.5
12280	-2.8	93.9	159	171.4
12290	-4.6	92.2	160	169.8
12300	-4.7	90.5	162	167.1
12310	-3.5	88.9	164	165.3
12320	-2.6	87.2	165	163.4
12330	-2.7	85.6	167	161.8
12340	-1.1	84.1	168	156.0
12350	2.7	82.7	170	121.9
12360	12.2	81.5	171	118.7

12370	28.9	80.4	172	104.3
12380	33.5	79.4	173	81.9
12390	24.8	78.6	174	79.0
12400	9.8	77.9	175	67.8
12410	-0.3	77.3	175	57.7
12420	-1.1	76.8	176	49.7
12430	-8.8	76.3	176	46.8
12440	-14.9	76.0	176	35.6
12450	-14.6	75.6	177	33.8
12460	-11.8	75.4	177	26.8
12470	-8.3	75.1	177	21.5
12480	-7.6	74.9	178	21.2
12490	-9.8	74.7	178	16.5
12500	-14.1	74.5	178	16.5
12510	-17.8	74.4	178	10.6
12520	-19.4	74.4	178	4.7
12530	-20.2	74.3	178	-0.2
12540	-23.2	74.4	178	-3.1
12550	-26.6	74.4	178	-9.3
12560	-29.2	74.6	178	-14.6
12570	-30.8	74.8	178	-21.5
12580	-31.5	75.1	177	-35.4
12590	-30.8	75.5	177	-44.7
12600	-29.4	76.0	176	-48.9
12610	-28.1	76.5	176	-56.9
12620	-27.5	77.1	175	-58.0
12630	-28.5	77.9	175	-79.0
12640	-29.4	78.6	174	-79.3
12650	-29.7	79.5	173	-78.2
12660	-28.9	80.4	172	-85.7
12670	-27.7	81.4	171	-112.8
12680	-26.4	82.5	170	-119.5
12690	-25.6	83.7	169	-128.3
12700	-25.5	84.9	168	-135.7
12710	-25.8	86.2	166	-130.4
12720	-27.0	87.5	165	-137.3
12730	-28.2	89.0	163	-144.8
12740	-28.6	90.5	162	-152.2
12750	-28.3	92.1	160	-159.7
12760	-28.1	93.7	159	-167.7
12770	-28.1	95.4	157	-174.9
12780	-27.5	97.2	155	-182.3
12790	-25.8	99.1	153	-189.5
12800	-23.6	101.1	151	-196.2
12810	-21.8	103.1	149	-201.7
12820	-21.7	105.1	147	-207.6
12830	-23.3	107.3	145	-213.2
12840	-24.3	109.4	143	-218.5
12850	-23.2	111.7	141	-224.4
12860	-21.3	114.0	138	-230.2
12870	-19.4	116.3	136	-235.3
12880	-17.0	118.7	134	-239.8
12890	-15.3	121.1	131	-243.8
12900	-14.8	123.6	129	-247.0

12910	-15.9	126.1	126	-250.2
12920	-16.8	128.6	124	-253.4
12930	-15.9	131.1	121	-256.9
12940	-15.2	133.7	119	-260.0
12950	-14.0	136.4	116	-263.2
12960	-12.3	139.0	113	-265.9
12970	-11.7	141.7	111	-267.8
12980	-13.0	144.4	108	-270.4
12990	-13.4	147.1	105	-272.8
13000	-12.7	149.9	103	-275.0
13010	-12.9	152.6	100	-277.6
13020	-11.9	155.4	97	-280.0
13030	-9.6	158.2	94	-282.1
13040	-9.8	161.1	91	-283.5
13050	-10.4	163.9	89	-285.1
13060	-10.8	166.8	86	-286.9
13070	-9.6	169.7	83	-288.5
13080	-8.1	172.6	80	-289.6
13090	-6.1	175.5	77	-289.6
13100	-5.4	178.4	74	-289.9
13110	-5.7	181.3	71	-290.1
13120	-6.1	184.2	68	-289.9
13130	-6.5	187.1	65	-289.9
13140	-5.7	190.0	62	-290.1
13150	-4.2	192.9	60	-289.9
13160	-3.5	195.8	57	-289.6
13170	-3.7	198.6	54	-289.3
13180	-3.5	201.5	51	-289.1
13190	-3.4	204.4	48	-288.5
13200	-3.1	207.3	45	-288.0
13210	-3.0	210.2	42	-287.7
13220	-2.8	213.1	39	-287.2
13230	-2.2	215.9	37	-286.7
13240	2.0	218.8	34	-285.6
13250	6.0	221.6	31	-282.9
13260	4.2	224.4	28	-280.0
13270	-0.3	227.2	25	-277.9
13280	-3.4	230.0	22	-277.4
13290	-3.1	232.8	20	-277.1
13300	-3.1	235.5	17	-276.6
13310	-2.6	238.3	14	-276.0
13320	-1.1	241.0	11	-275.5
13330	2.4	243.8	9	-273.9
13340	4.9	246.5	6	-271.5
13350	5.2	249.2	3	-268.8
13360	3.4	251.9	1	-265.9
13370	3.1	254.5	-2	-263.5
13380	4.3	257.1	-5	-261.6
13390	6.1	259.7	-7	-258.7
13400	4.7	262.3	-10	-273.4
13410	-4.6	264.3	-12	-200.1
13420	-35.8	266.0	-14	-160.7
13430	-69.8	267.3	-15	-130.1
13440	-73.5	268.5	-16	-102.7

13450	-57.9	269.3	-17	-80.6
13460	-30.1	270.0	-18	-61.7
13470	-4.5	270.5	-18	-41.5
13480	0.8	270.8	-18	-35.4
13490	3.8	271.1	-19	-25.0
13500	11.7	271.4	-19	-21.0
13510	16.8	271.5	-19	-13.5
13520	14.9	271.7	-19	-11.1
13530	11.0	271.7	-19	-6.6
13540	8.8	271.8	-19	-3.9
13550	10.2	271.8	-19	-1.3
13560	14.2	271.8	-19	-0.2
13570	17.6	271.8	-19	3.4
13580	17.8	271.7	-19	7.1
13590	15.1	271.6	-19	11.1
13600	11.1	271.4	-19	16.7
13610	9.8	271.2	-19	21.2
13620	11.5	271.0	-19	22.3
13630	15.3	270.8	-18	25.2
13640	18.6	270.5	-18	26.8
13650	19.8	270.2	-18	31.4
13660	19.3	269.8	-17	44.1
13670	17.8	269.3	-17	45.2
13680	16.8	268.8	-16	44.9
13690	17.0	268.3	-16	59.9
13700	17.8	267.7	-15	58.5
13710	18.8	267.1	-15	57.2
13720	18.6	266.4	-14	75.6
13730	18.0	265.7	-13	73.4
13740	17.5	265.0	-13	70.2
13750	17.0	264.1	-12	90.7
13760	16.8	263.2	-11	95.5
13770	17.0	262.3	-10	100.3
13780	17.4	261.4	-9	105.4
13790	17.5	260.4	-8	110.2
13800	17.1	259.4	-7	104.6
13810	16.5	258.3	-6	109.1
13820	16.1	257.2	-5	113.4
13830	16.0	256.0	-4	117.9
13840	15.9	254.8	-2	122.1
13850	15.7	253.5	-1	126.1
13860	15.2	252.2	0	130.4
13870	15.6	250.9	2	134.4
13880	16.1	249.5	3	138.4
13890	16.3	248.1	4	142.4
13900	15.6	246.7	6	146.4
13910	14.6	245.2	7	150.6
13920	13.2	243.6	9	153.8
13930	11.9	242.1	10	157.3
13940	11.9	240.5	12	159.4
13950	11.9	238.8	14	162.6
13960	11.9	237.2	15	165.0
13970	11.5	235.5	17	168.2
13980	10.7	233.8	19	170.6

13990	10.3	232.1	20	172.7
14000	9.2	230.4	22	175.1
14010	8.1	228.6	24	176.7
14020	7.7	226.8	26	178.6
14030	8.0	225.0	27	179.9
14040	8.8	223.2	29	181.5
14050	8.8	221.4	31	183.1
14060	8.3	219.5	33	185.2
14070	7.2	217.7	35	186.3
14080	6.2	215.8	37	187.6
14090	6.5	213.9	39	188.7
14100	6.5	212.0	40	189.8
14110	5.6	210.1	42	190.6
14120	5.2	208.2	44	191.4
14130	5.0	206.3	46	192.2
14140	5.6	204.3	48	193.0
14150	6.2	202.4	50	193.5
14160	6.5	200.5	52	194.6
14170	5.3	198.5	54	195.4
14180	4.2	196.6	56	196.2
14190	3.8	194.6	58	196.2
14200	3.8	192.6	60	196.4
14210	3.7	190.7	62	196.7
14220	3.8	188.7	64	197.0
14230	3.8	186.7	66	197.0
14240	3.8	184.7	68	197.2
14250	3.9	182.8	70	197.2
14260	3.4	180.8	72	197.8
14270	3.3	178.8	74	198.0
14280	3.7	176.8	76	197.8
14290	3.7	174.9	78	198.0
14300	3.5	172.9	80	197.8
14310	3.1	170.9	82	198.3
14320	2.8	168.9	84	198.0
14330	2.7	166.9	86	198.3
14340	2.7	164.9	88	198.0
14350	2.6	163.0	89	197.8
14360	2.6	161.0	91	197.8
14370	2.6	159.0	93	197.8
14380	2.6	157.0	95	197.5
14390	2.6	155.1	97	197.2
14400	2.4	153.1	99	197.0
14410	2.4	151.1	101	196.7
14420	2.4	149.2	103	196.4
14430	2.4	147.2	105	196.2
14440	2.3	145.2	107	196.2
14450	2.3	143.3	109	196.2
14460	2.2	141.3	111	195.6
14470	2.3	139.4	113	195.1
14480	2.2	137.4	115	195.1
14490	2.2	135.5	117	194.8
14500	2.2	133.5	119	194.6
14510	1.9	131.6	121	194.0
14520	0.9	129.6	123	193.8

14530	-1.4	127.7	125	193.0
14540	-2.8	125.8	127	191.1
14550	-1.9	123.9	129	189.8
14560	0.0	122.0	130	188.4
14570	0.8	120.1	132	187.1
14580	1.1	118.3	134	186.6
14590	0.1	116.4	136	186.0
14600	-0.7	114.5	138	185.0
14610	-1.9	112.7	140	183.6
14620	-3.1	110.9	142	182.0
14630	-3.4	109.1	143	180.2
14640	-2.0	107.3	145	178.3
14650	-1.8	105.5	147	177.0
14660	-2.6	103.7	149	175.7
14670	-3.7	102.0	150	173.5
14680	-3.5	100.3	152	171.9
14690	-2.7	98.6	154	169.8
14700	-1.6	96.9	156	168.5
14710	-1.6	95.2	157	167.1
14720	-3.4	93.5	159	165.5
14730	-4.7	91.9	161	163.7
14740	-5.0	90.3	162	161.3
14750	-4.2	88.7	164	158.9
14760	-4.5	87.1	165	156.8
14770	-5.4	85.6	167	154.6
14780	-4.9	84.1	168	162.3
14790	2.0	82.8	170	130.4
14800	2.8	81.6	171	114.7
14810	8.9	80.5	172	110.4
14820	16.3	79.6	173	88.9
14830	14.1	78.8	174	77.7
14840	3.9	78.1	174	67.3
14850	-0.5	77.5	175	64.1
14860	-5.6	77.0	175	50.5
14870	-19.1	76.6	176	42.8
14880	-25.6	76.2	176	38.6
14890	-23.7	75.9	177	27.9
14900	-17.9	75.6	177	24.2
14910	-13.2	75.5	177	18.1
14920	-13.0	75.3	177	12.7
14930	-17.6	75.2	177	11.1
14940	-22.5	75.1	177	4.7
14950	-25.9	75.1	177	-1.5
14960	-27.7	75.2	177	-5.0
14970	-26.8	75.3	177	-11.1
14980	-25.2	75.5	177	-17.8
14990	-25.2	75.7	177	-23.6
15000	-26.8	76.0	176	-30.0
15010	-28.6	76.4	176	-44.9
15020	-28.6	76.9	176	-48.4
15030	-26.4	77.4	175	-56.4
15040	-23.9	78.0	174	-56.9
15050	-21.8	78.7	174	-69.4
15060	-21.8	79.5	173	-83.0

15070	-23.2	80.2	172	-80.9
15080	-25.0	81.1	171	-78.2
15090	-25.5	82.1	170	-103.0
15100	-24.1	83.0	169	-110.4
15110	-22.5	84.1	168	-117.1
15120	-21.2	85.2	167	-123.5
15130	-21.2	86.4	166	-117.9
15140	-21.8	87.6	165	-124.0
15150	-22.2	88.9	164	-129.6
15160	-22.2	90.2	162	-135.5
15170	-21.7	91.6	161	-141.3
15180	-21.4	93.1	159	-147.2
15190	-21.4	94.6	158	-152.5
15200	-21.8	96.2	156	-158.6
15210	-21.7	97.8	155	-163.9
15220	-19.3	99.5	153	-169.8
15230	-16.3	101.2	151	-174.6
15240	-14.0	103.0	149	-178.3
15250	-13.4	104.8	148	-181.8
15260	-15.2	106.6	146	-184.7
15270	-17.4	108.5	144	-188.2
15280	-17.4	110.4	142	-192.4
15290	-15.7	112.4	140	-196.4
15300	-13.8	114.4	138	-199.9
15310	-12.7	116.4	136	-202.5
15320	-12.2	118.4	134	-205.7
15330	-11.4	120.5	132	-208.1
15340	-10.8	122.6	130	-210.3
15350	-11.5	124.7	128	-212.1
15360	-12.5	126.9	126	-214.8
15370	-12.6	129.0	123	-217.5
15380	-12.1	131.2	121	-219.9
15390	-12.2	133.5	119	-222.2
15400	-12.2	135.7	117	-224.9
15410	-10.7	138.0	114	-227.3
15420	-9.5	140.3	112	-228.9
15430	-9.6	142.6	110	-231.0
15440	-11.0	144.9	108	-233.2
15450	-10.7	147.2	105	-235.0
15460	-10.4	149.6	103	-237.2
15470	-11.4	152.0	100	-239.3
15480	-11.1	154.4	98	-241.7
15490	-9.6	156.8	96	-243.3
15500	-7.7	159.3	93	-244.9
15510	-8.3	161.7	91	-246.2
15520	-9.1	164.2	88	-247.3
15530	-8.7	166.7	86	-248.6
15540	-7.7	169.2	83	-249.7
15550	-7.3	171.7	81	-250.7
15560	-6.8	174.2	78	-251.5
15570	-6.9	176.7	76	-252.3
15580	-7.3	179.3	73	-253.4
15590	-7.5	181.8	71	-254.2
15600	-6.6	184.3	68	-254.5

15610	-6.1	186.9	66	-255.8
15620	-5.3	189.5	63	-256.3
15630	-4.3	192.0	60	-256.6
15640	-4.3	194.6	58	-256.9
15650	-5.3	197.2	55	-256.9
15660	-6.1	199.7	53	-257.4
15670	-5.7	202.3	50	-257.9
15680	-4.9	204.9	48	-258.2
15690	-3.8	207.5	45	-258.5
15700	-3.0	210.1	42	-258.5
15710	-2.8	212.6	40	-258.2
15720	-3.0	215.2	37	-257.7
15730	-3.0	217.8	35	-257.1
15740	-3.0	220.4	32	-256.6
15750	-2.8	222.9	30	-256.6
15760	-2.8	225.5	27	-256.1
15770	-2.7	228.1	24	-255.5
15780	-2.6	230.6	22	-255.3
15790	-1.8	233.2	19	-255.0
15800	1.8	235.7	17	-253.9
15810	5.3	238.2	14	-251.8
15820	4.6	240.7	12	-248.9
15830	2.3	243.2	9	-246.2
15840	0.4	245.6	7	-244.9
15850	0.1	248.1	4	-243.3
15860	1.5	250.5	2	-242.2
15870	3.8	252.9	0	-240.3
15880	5.8	255.3	-3	-237.4
15890	6.2	257.7	-5	-234.8
15900	5.8	260.0	-8	-231.6
15910	1.8	262.2	-10	-242.2
15920	-4.2	264.0	-12	-181.2
15930	-28.9	265.6	-13	-149.0
15940	-57.9	266.9	-14	-111.0
15950	-64.0	268.0	-16	-101.9
15960	-47.6	268.8	-16	-81.7
15970	-20.9	269.6	-17	-70.5
15980	-2.2	270.1	-18	-50.3
15990	0.4	270.5	-18	-39.9
16000	1.4	270.8	-18	-29.2
16010	7.7	271.1	-19	-26.0
16020	13.3	271.3	-19	-17.8
16030	13.7	271.5	-19	-15.4
16040	11.7	271.6	-19	-10.6
16050	10.6	271.7	-19	-9.5
16060	11.7	271.8	-19	-5.5
16070	14.1	271.8	-19	-1.5
16080	16.5	271.8	-19	0.2
16090	17.8	271.8	-19	3.4
16100	15.3	271.7	-19	7.4
16110	12.1	271.6	-19	11.1
16120	10.3	271.4	-19	14.1
16130	11.9	271.3	-19	16.5
16140	15.9	271.1	-19	21.8

16150	19.4	270.8	-18	28.7
16160	20.3	270.5	-18	31.1
16170	19.5	270.2	-18	33.2
16180	17.4	269.7	-17	46.3
16190	16.1	269.3	-17	46.5
16200	16.4	268.8	-16	45.7
16210	17.8	268.3	-16	49.5
16220	19.3	267.6	-15	65.7
16230	19.7	267.0	-15	64.9
16240	18.8	266.3	-14	63.3
16250	17.9	265.6	-13	67.8
16260	17.4	264.8	-12	87.5
16270	17.1	263.9	-11	92.9
16280	17.1	263.1	-11	79.8
16290	17.2	262.2	-10	83.8
16300	17.2	261.2	-9	107.2
16310	16.8	260.2	-8	112.3
16320	16.7	259.1	-7	106.2
16330	16.5	258.0	-6	111.0
16340	15.9	256.9	-4	115.0
16350	15.5	255.7	-3	119.2
16360	15.5	254.5	-2	123.2
16370	14.9	253.2	-1	127.2
16380	14.8	251.9	1	131.5
16390	15.2	250.6	2	134.9
16400	16.0	249.2	3	138.9
16410	15.5	247.8	5	142.9
16420	14.2	246.3	6	146.6
16430	12.5	244.8	8	150.4
16440	11.4	243.3	9	153.0
16450	11.5	241.7	11	156.0
16460	12.2	240.2	12	158.6
16470	12.7	238.6	14	161.5
16480	12.5	236.9	16	164.5
16490	11.3	235.3	17	167.1
16500	10.0	233.6	19	169.8
16510	9.4	231.9	21	171.7
16520	9.1	230.1	22	173.5
16530	8.5	228.4	24	175.4
16540	8.1	226.6	26	177.3
16550	8.3	224.8	28	178.6
16560	8.4	223.0	29	180.7
16570	7.6	221.2	31	181.8
16580	6.9	219.4	33	183.4
16590	6.6	217.5	35	184.4
16600	6.6	215.7	37	185.5
16610	7.5	213.8	39	186.8
16620	7.5	211.9	41	187.9
16630	6.6	210.0	42	189.2
16640	6.1	208.1	44	190.3
16650	6.0	206.2	46	191.1
16660	6.2	204.3	48	191.9
16670	6.5	202.4	50	193.0
16680	6.0	200.4	52	194.0

16690	4.6	198.5	54	195.1
16700	3.9	196.5	56	195.1
16710	4.5	194.6	58	195.4
16720	5.0	192.6	60	195.9
16730	5.0	190.7	62	196.4
16740	4.5	188.7	64	197.2
16750	4.1	186.7	66	197.5
16760	3.8	184.7	68	198.0
16770	4.2	182.8	70	198.0
16780	4.2	180.8	72	198.6
16790	4.5	178.8	74	198.6
16800	5.3	176.8	76	199.4
16810	5.3	174.8	78	199.6
16820	4.9	172.8	80	200.4
16830	3.5	170.8	82	200.7
16840	2.8	168.8	84	200.7
16850	3.1	166.8	86	200.7
16860	3.7	164.8	88	200.4
16870	3.9	162.8	90	200.4
16880	4.2	160.8	92	200.9
16890	4.2	158.7	94	201.5
16900	3.4	156.7	96	201.5
16910	3.0	154.7	98	201.7
16920	2.8	152.7	100	201.5
16930	2.8	150.7	102	201.5
16940	3.0	148.7	104	201.5
16950	3.3	146.7	106	201.2
16960	3.1	144.6	108	201.2
16970	3.1	142.6	110	201.2
16980	3.1	140.6	112	200.9
16990	3.1	138.6	114	200.9
17000	3.0	136.6	116	201.2
17010	2.7	134.6	118	201.2
17020	2.6	132.6	120	200.9
17030	2.3	130.6	122	200.7
17040	2.4	128.6	124	200.4
17050	2.2	126.6	126	200.1
17060	2.2	124.6	128	199.9
17070	2.0	122.6	130	199.6
17080	1.5	120.6	132	199.1
17090	-1.6	118.6	134	198.6
17100	-4.5	116.6	136	196.7
17110	-3.9	114.7	138	194.3
17120	-1.4	112.7	140	192.7
17130	0.0	110.8	142	191.4
17140	0.0	108.9	144	190.6
17150	-0.7	107.0	145	189.5
17160	-2.7	105.1	147	188.4
17170	-4.3	103.2	149	186.6
17180	-3.9	101.4	151	184.2
17190	-2.3	99.6	153	182.6
17200	-0.8	97.8	155	181.2
17210	-0.9	96.0	156	180.2
17220	-3.1	94.2	158	178.9

17230	-5.7	92.4	160	176.7
17240	-6.5	90.6	162	174.1
17250	-5.7	88.9	164	171.4
17260	-5.0	87.2	165	169.0
17270	-5.6	85.5	167	166.9
17280	-4.6	84.0	168	159.4
17290	2.7	82.6	170	124.5
17300	5.2	81.3	171	120.5
17310	17.1	80.2	172	105.1
17320	23.5	79.3	173	82.2
17330	16.0	78.5	174	78.8
17340	2.0	77.8	175	67.3
17350	-0.9	77.2	175	57.7
17360	-8.3	76.6	176	49.2
17370	-19.8	76.2	176	44.4
17380	-22.4	75.9	177	33.5
17390	-18.6	75.6	177	30.3
17400	-13.0	75.3	177	22.8
17410	-8.8	75.1	177	17.8
17420	-9.6	74.9	178	18.9
17430	-14.1	74.8	178	13.8
17440	-18.3	74.7	178	8.5
17450	-20.6	74.6	178	4.2
17460	-20.9	74.6	178	-0.5
17470	-21.7	74.7	178	-4.5
17480	-23.3	74.8	178	-11.1
17490	-26.2	74.9	178	-18.6
17500	-29.3	75.1	177	-26.3
17510	-31.6	75.4	177	-31.6
17520	-32.3	75.8	177	-36.4
17530	-30.8	76.3	176	-44.4
17540	-27.8	76.8	176	-63.3
17550	-25.8	77.4	175	-64.9
17560	-25.8	78.1	174	-64.6
17570	-27.3	79.0	173	-86.5
17580	-28.1	79.8	173	-85.9
17590	-28.2	80.7	172	-83.8
17600	-26.7	81.6	171	-90.2
17610	-25.2	82.7	170	-97.1
17620	-24.4	83.8	169	-102.4
17630	-24.1	85.0	167	-108.3
17640	-24.1	86.3	166	-126.7
17650	-23.9	87.6	165	-133.1
17660	-23.2	89.0	163	-139.5
17670	-23.2	90.5	162	-146.1
17680	-22.9	92.0	160	-151.7
17690	-23.9	93.5	159	-158.1
17700	-24.4	95.2	157	-163.9
17710	-23.9	96.9	156	-170.6
17720	-22.4	98.6	154	-177.0
17730	-19.3	100.4	152	-182.3
17740	-16.3	102.3	150	-187.1
17750	-15.1	104.2	148	-191.1
17760	-15.9	106.1	146	-194.6

17770	-18.6	108.1	144	-198.6
17780	-19.4	110.1	142	-203.3
17790	-18.0	112.2	140	-207.9
17800	-16.4	114.3	138	-212.1
17810	-15.5	116.5	136	-215.9
17820	-14.4	118.6	134	-219.3
17830	-13.3	120.9	132	-222.5
17840	-12.7	123.1	129	-225.4
17850	-13.2	125.4	127	-228.4
17860	-13.8	127.7	125	-230.5
17870	-13.4	130.0	122	-233.4
17880	-12.9	132.4	120	-236.4
17890	-12.9	134.8	118	-239.0
17900	-12.3	137.2	115	-241.7
17910	-11.3	139.6	113	-244.1
17920	-10.7	142.1	110	-246.5
17930	-12.1	144.5	108	-248.6
17940	-12.3	147.0	105	-251.3
17950	-11.7	149.6	103	-253.4
17960	-12.6	152.1	100	-255.5
17970	-12.5	154.7	98	-258.2
17980	-10.4	157.3	95	-260.3
17990	-9.5	159.9	93	-261.9
18000	-10.7	162.5	90	-263.8
18010	-11.0	165.2	87	-265.4
18020	-10.0	167.9	85	-267.5
18030	-9.2	170.6	82	-268.8
18040	-8.3	173.2	79	-269.9
18050	-7.5	176.0	76	-271.2
18060	-7.7	178.7	74	-272.0
18070	-8.4	181.4	71	-272.8
18080	-8.0	184.1	68	-274.2
18090	-7.6	186.9	66	-275.2
18100	-6.2	189.7	63	-276.3
18110	-4.3	192.4	60	-277.1
18120	-3.8	195.2	57	-276.8
18130	-4.3	198.0	54	-277.1
18140	-5.0	200.7	52	-277.1
18150	-5.7	203.5	49	-277.1
18160	-6.1	206.3	46	-277.4
18170	-4.7	209.1	43	-277.6
18180	-3.1	211.8	41	-277.6
18190	-3.1	214.6	38	-277.4
18200	-2.8	217.4	35	-277.1
18210	-3.0	220.1	32	-276.6
18220	-2.8	222.9	30	-275.5
18230	-2.7	225.7	27	-275.2
18240	-1.1	228.4	24	-274.4
18250	2.6	231.1	21	-273.1
18260	4.2	233.9	19	-270.7
18270	2.3	236.5	16	-268.0
18280	-0.3	239.2	13	-266.4
18290	-1.8	241.9	11	-265.4
18300	-0.9	244.5	8	-264.8

18310	1.4	247.2	5	-263.2
18320	3.9	249.8	3	-261.4
18330	5.4	252.4	0	-259.0
18340	6.2	254.9	-2	-255.8
18350	5.6	257.5	-5	-252.6
18360	4.5	260.0	-8	-249.9
18370	0.0	262.4	-10	-260.8
18380	-4.7	264.3	-12	-191.6
18390	-33.9	266.0	-14	-155.2
18400	-63.6	267.3	-15	-138.7
18410	-66.9	268.4	-16	-102.2
18420	-46.5	269.2	-17	-79.8
18430	-19.4	269.9	-17	-61.2
18440	2.3	270.4	-18	-41.7
18450	0.9	270.8	-18	-36.7
18460	6.5	271.1	-19	-31.6
18470	13.2	271.3	-19	-21.8
18480	15.2	271.5	-19	-16.5
18490	12.3	271.6	-19	-10.9
18500	8.8	271.7	-19	-9.3
18510	8.3	271.8	-19	-6.1
18520	10.7	271.8	-19	-4.5
18530	13.4	271.9	-19	-0.5
18540	16.5	271.8	-19	0.7
18550	17.5	271.8	-19	6.1
18560	15.1	271.7	-19	10.3
18570	11.4	271.6	-19	13.5
18580	9.2	271.4	-19	15.1
18590	10.4	271.3	-19	17.0
18600	14.1	271.0	-19	20.2
18610	17.8	270.8	-18	23.4
18620	19.8	270.5	-18	30.8
18630	19.7	270.1	-18	39.9
18640	18.3	269.7	-17	41.5
18650	17.0	269.3	-17	41.7
18660	16.5	268.8	-16	55.9
18670	17.0	268.2	-16	55.1
18680	17.9	267.7	-15	53.7
18690	18.4	267.0	-15	71.0
18700	17.6	266.4	-14	69.2
18710	17.1	265.6	-13	74.0
18720	17.0	264.8	-12	70.5
18730	16.8	264.0	-12	91.0
18740	16.8	263.1	-11	95.8
18750	17.2	262.2	-10	99.3
18760	17.9	261.3	-9	105.6
18770	17.9	260.3	-8	110.7
18780	17.8	259.2	-7	105.4
18790	17.0	258.1	-6	110.2
18800	16.0	257.0	-5	114.4
18810	15.7	255.8	-3	118.7
18820	16.0	254.6	-2	122.9
18830	16.5	253.4	-1	127.2
18840	16.3	252.0	0	131.5

18850	15.9	250.7	2	135.7
18860	15.9	249.3	3	139.7
18870	15.1	247.9	5	143.4
18880	13.6	246.4	6	147.4
18890	12.2	244.9	8	150.6
18900	11.9	243.4	9	153.6
18910	11.3	241.8	11	156.5
18920	10.8	240.3	12	158.6
18930	9.9	238.6	14	161.3
18940	9.2	237.0	15	163.4
18950	8.5	235.4	17	165.3
18960	7.7	233.7	19	166.9
18970	7.6	232.0	20	168.2
18980	7.2	230.3	22	169.8
18990	6.1	228.6	24	170.9
19000	5.4	226.9	26	171.7
19010	5.3	225.2	27	172.5
19020	5.7	223.5	29	173.5
19030	6.1	221.7	31	174.3
19040	6.2	220.0	32	175.4
19050	6.1	218.2	34	176.2
19060	5.6	216.4	36	177.0
19070	5.2	214.6	38	178.1
19080	5.0	212.9	40	178.9
19090	4.2	211.1	41	179.4
19100	3.9	209.3	43	179.9
19110	4.2	207.5	45	180.2
19120	4.9	205.7	47	180.7
19130	5.6	203.9	49	181.2
19140	4.9	202.0	50	182.0
19150	3.4	200.2	52	182.3
19160	2.6	198.4	54	182.6
19170	2.6	196.6	56	182.6
19180	3.0	194.7	58	182.0
19190	3.7	192.9	60	182.3
19200	4.3	191.1	61	182.6
19210	3.9	189.3	63	183.1
19220	3.3	187.4	65	183.4
19230	2.6	185.6	67	183.4
19240	2.4	183.8	69	183.1
19250	2.3	181.9	71	183.1
19260	2.3	180.1	72	183.1
19270	2.3	178.3	74	182.8
19280	2.4	176.4	76	182.6
19290	2.3	174.6	78	182.3
19300	2.4	172.8	80	182.3
19310	2.6	171.0	81	182.0
19320	3.0	169.1	83	182.3
19330	3.5	167.3	85	182.0
19340	4.5	165.5	87	182.3
19350	4.7	163.7	89	182.6
19360	3.9	161.8	91	183.1
19370	3.5	160.0	92	183.6
19380	3.0	158.2	94	183.6

19390	3.0	156.3	96	183.6
19400	3.4	154.5	98	183.6
19410	3.9	152.7	100	183.9
19420	4.3	150.8	102	184.2
19430	4.3	149.0	103	184.4
19440	3.9	147.1	105	185.0
19450	3.0	145.3	107	185.2
19460	2.7	143.4	109	185.2
19470	2.8	141.6	111	185.2
19480	2.8	139.7	113	185.2
19490	3.0	137.9	115	185.2
19500	3.1	136.0	116	185.0
19510	3.4	134.2	118	185.2
19520	3.5	132.3	120	185.2
19530	3.7	130.4	122	185.5
19540	3.7	128.6	124	185.5
19550	3.0	126.7	126	186.0
19560	2.6	124.9	128	185.8
19570	2.4	123.0	129	185.8
19580	2.3	121.2	131	185.8
19590	2.2	119.3	133	185.5
19600	2.2	117.5	135	185.2
19610	2.0	115.6	137	185.0
19620	1.9	113.8	139	184.7
19630	1.8	111.9	141	184.2
19640	0.5	110.1	142	183.9
19650	-2.6	108.2	144	182.6
19660	-3.8	106.4	146	181.0
19670	-2.2	104.6	148	179.1
19680	0.3	102.8	150	177.8
19690	1.9	101.1	151	177.3
19700	1.9	99.3	153	177.0
19710	1.6	97.5	155	176.7
19720	0.4	95.8	157	176.2
19730	-1.4	94.0	158	175.4
19740	-2.7	92.3	160	173.8
19750	-2.3	90.5	162	172.2
19760	-0.8	88.8	164	171.1
19770	-0.9	87.1	165	169.8
19780	-2.2	85.4	167	168.5
19790	-0.5	83.8	169	175.9
19800	2.8	82.4	170	138.9
19810	17.1	81.2	171	108.3
19820	36.5	80.1	172	105.9
19830	40.1	79.1	173	100.6
19840	31.5	78.3	174	70.8
19850	15.6	77.6	175	67.0
19860	1.9	77.0	175	56.7
19870	-0.1	76.5	176	48.4
19880	0.0	76.1	176	37.5
19890	-5.2	75.7	177	35.9
19900	-9.5	75.4	177	30.0
19910	-10.4	75.1	177	23.1
19920	-10.3	74.9	178	24.2

19930	-10.7	74.7	178	18.9
19940	-11.5	74.5	178	14.3
19950	-13.3	74.4	178	13.3
19960	-15.1	74.3	178	8.5
19970	-17.0	74.3	178	3.4
19980	-19.4	74.3	178	-0.7
19990	-23.7	74.3	178	-4.2
20000	-27.4	74.4	178	-10.9
20010	-28.9	74.5	178	-17.5
20020	-28.6	74.8	178	-22.8
20030	-27.7	75.1	177	-36.2
20040	-27.0	75.4	177	-40.1
20050	-26.8	75.9	177	-42.8
20060	-26.8	76.5	176	-60.4
20070	-26.3	77.0	175	-62.2
20080	-26.0	77.7	175	-62.2
20090	-25.8	78.5	174	-83.3
20100	-25.8	79.3	173	-82.7
20110	-25.9	80.1	172	-80.9
20120	-26.0	81.1	171	-86.5
20130	-25.8	82.2	170	-113.4
20140	-24.8	83.2	169	-120.3
20150	-23.6	84.4	168	-127.7
20160	-22.5	85.6	167	-134.7
20170	-22.6	86.9	166	-128.3
20180	-22.9	88.2	164	-134.4
20190	-23.2	89.6	163	-140.5
20200	-23.1	91.0	161	-146.9
20210	-22.0	92.5	160	-152.8
20220	-21.2	94.1	158	-158.6
20230	-21.2	95.7	157	-164.2
20240	-20.7	97.4	155	-169.5
20250	-19.3	99.2	153	-174.9
20260	-16.8	100.9	152	-179.7
20270	-15.6	102.8	150	-183.1
20280	-15.9	104.6	148	-187.4
20290	-18.6	106.5	146	-190.8
20300	-21.2	108.5	144	-195.6
20310	-20.5	110.5	142	-200.7
20320	-17.6	112.5	140	-205.7
20330	-15.1	114.6	138	-209.5
20340	-13.4	116.7	136	-212.7
20350	-13.7	118.9	134	-215.6
20360	-14.2	121.1	131	-218.8
20370	-14.8	123.3	129	-222.0
20380	-15.2	125.5	127	-225.2
20390	-14.8	127.8	125	-228.1
20400	-13.4	130.1	122	-231.3
20410	-12.6	132.4	120	-234.2
20420	-13.0	134.8	118	-236.6
20430	-12.3	137.2	115	-239.8
20440	-11.0	139.6	113	-241.9
20450	-9.8	142.0	110	-243.8
20460	-11.0	144.5	108	-245.9

20470	-11.1	147.0	105	-248.1
20480	-11.1	149.5	103	-249.9
20490	-12.2	152.0	100	-252.1
20500	-11.7	154.5	98	-254.2
20510	-9.5	157.1	95	-256.3
20520	-7.6	159.6	93	-257.7
20530	-8.1	162.2	90	-258.5
20540	-9.2	164.8	88	-259.8
20550	-9.4	167.4	85	-261.1
20560	-8.8	170.1	82	-262.4
20570	-7.3	172.7	80	-263.5
20580	-5.3	175.3	77	-264.3
20590	-4.6	178.0	74	-264.6
20600	-5.2	180.6	72	-264.6
20610	-6.0	183.3	69	-264.8
20620	-7.2	185.9	67	-265.6
20630	-7.3	188.6	64	-266.4
20640	-5.3	191.3	61	-267.0
20650	-3.5	193.9	59	-267.0
20660	-3.4	196.6	56	-267.0
20670	-3.4	199.3	53	-267.0
20680	-3.3	201.9	51	-266.2
20690	-3.4	204.6	48	-265.9
20700	-3.3	207.3	45	-265.6
20710	-3.0	209.9	43	-265.4
20720	-2.8	212.6	40	-264.8
20730	-2.8	215.2	37	-264.6
20740	-2.7	217.9	35	-264.3
20750	-2.8	220.5	32	-263.8
20760	-2.3	223.1	29	-263.2
20770	-0.1	225.8	27	-262.4
20780	3.9	228.4	24	-260.3
20790	6.2	231.0	21	-257.7
20800	4.7	233.5	19	-254.7
20810	1.8	236.0	16	-252.3
20820	0.3	238.6	14	-250.7
20830	0.5	241.0	11	-249.1
20840	3.1	243.5	9	-247.5
20850	6.1	246.0	6	-245.1
20860	8.4	248.4	4	-241.9
20870	8.5	250.8	2	-238.2
20880	8.1	253.2	-1	-234.2
20890	7.2	255.5	-3	-230.8
20900	6.8	257.8	-5	-227.6
20910	7.2	260.0	-8	-224.6
20920	5.2	262.1	-10	-191.4
20930	-3.8	263.9	-11	-175.7
20940	-25.1	265.5	-13	-159.2
20950	-49.9	266.7	-14	-120.8
20960	-57.1	267.8	-15	-100.3
20970	-43.0	268.7	-16	-89.1
20980	-22.1	269.3	-17	-64.9
20990	-2.3	269.9	-17	-56.1
21000	0.3	270.3	-18	-41.5

21010	1.5	270.7	-18	-37.2
21020	9.2	271.0	-19	-27.1
21030	16.4	271.2	-19	-22.6
21040	16.0	271.4	-19	-15.4
21050	12.5	271.5	-19	-12.2
21060	10.3	271.6	-19	-7.7
21070	10.0	271.6	-19	-4.2
21080	11.5	271.7	-19	-1.8
21090	13.7	271.6	-19	1.0
21100	15.7	271.6	-19	2.3
21110	14.6	271.6	-19	6.1
21120	10.6	271.5	-19	9.5
21130	7.3	271.3	-19	11.7
21140	6.4	271.2	-19	13.5
21150	8.1	271.0	-19	18.9
21160	11.3	270.8	-18	21.2
21170	13.4	270.6	-18	22.6
21180	14.1	270.4	-18	26.0
21190	12.7	270.1	-18	26.8
21200	10.6	269.8	-17	36.4
21210	9.1	269.4	-17	35.9
21220	8.9	269.0	-17	34.6
21230	9.9	268.6	-16	36.7
21240	10.6	268.2	-16	43.1
21250	9.9	267.7	-15	50.5
21260	8.3	267.3	-15	43.6
21270	6.2	266.8	-14	55.9
21280	5.4	266.2	-14	57.5
21290	6.1	265.7	-13	53.7
21300	8.1	265.2	-13	49.5
21310	10.6	264.6	-12	51.6
21320	11.8	264.0	-12	54.0
21330	11.7	263.4	-11	56.7
21340	10.0	262.8	-10	59.3
21350	8.3	262.1	-10	61.4
21360	6.8	261.4	-9	63.3
21370	6.4	260.6	-8	71.6
21380	7.3	259.9	-7	73.4
21390	8.7	259.1	-7	75.6
21400	9.1	258.4	-6	78.0
21410	8.3	257.6	-5	80.1
21420	6.9	256.8	-4	81.9
21430	6.1	255.9	-3	83.8
21440	6.1	255.1	-3	85.1
21450	6.9	254.2	-2	86.5
21460	7.6	253.3	-1	88.3
21470	7.5	252.4	0	89.9
21480	6.9	251.5	1	91.5
21490	6.4	250.6	2	93.4
21500	6.1	249.6	3	95.0
21510	6.2	248.7	4	96.1
21520	7.2	247.7	5	97.7
21530	8.4	246.7	6	99.3
21540	9.5	245.7	7	101.4

21550	9.2	244.7	8	103.8
21560	8.9	243.6	9	105.9
21570	8.8	242.6	10	108.0
21580	9.4	241.5	11	110.2
21590	9.9	240.3	12	112.3
21600	9.6	239.2	13	115.0
21610	8.7	238.0	14	117.1
21620	8.4	236.8	16	119.2
21630	8.5	235.6	17	121.1
21640	8.8	234.4	18	123.2
21650	9.2	233.2	19	125.3
21660	9.1	231.9	21	127.5
21670	8.5	230.6	22	129.6
21680	7.9	229.3	23	131.5
21690	7.1	228.0	24	133.1
21700	6.8	226.6	26	134.4
21710	6.9	225.3	27	136.3
21720	7.6	223.9	29	137.3
21730	7.2	222.5	30	139.2
21740	6.6	221.1	31	140.5
21750	6.1	219.7	33	141.8
21760	5.4	218.3	34	142.9
21770	5.8	216.8	36	144.0
21780	5.8	215.4	37	145.0
21790	6.6	213.9	39	146.1
21800	6.8	212.5	40	147.2
21810	5.6	211.0	41	148.5
21820	4.6	209.5	43	149.6
21830	4.3	208.0	44	149.8
21840	5.2	206.5	46	150.6
21850	6.0	205.0	47	151.4
21860	6.1	203.4	49	152.5
21870	6.0	201.9	51	153.8
21880	5.4	200.3	52	154.6
21890	4.5	198.8	54	155.7
21900	4.3	197.2	55	156.2
21910	4.9	195.7	57	156.8
21920	6.0	194.1	58	157.3
21930	6.4	192.5	60	158.4
21940	6.0	190.9	62	159.7
21950	4.9	189.3	63	160.5
21960	4.3	187.7	65	161.3
21970	4.7	186.1	66	161.8
21980	5.4	184.5	68	162.3
21990	6.1	182.8	70	163.4
22000	5.3	181.2	71	164.2
22010	4.2	179.6	73	164.7
22020	4.3	177.9	75	165.5
22030	4.7	176.2	76	166.1
22040	5.2	174.6	78	166.9
22050	5.3	172.9	80	167.1
22060	4.6	171.2	81	167.9
22070	3.8	169.5	83	168.5
22080	3.9	167.9	85	168.7

22090	4.5	166.2	86	169.3
22100	5.3	164.5	88	169.5
22110	5.4	162.8	90	170.6
22120	5.2	161.0	91	171.1
22130	4.9	159.3	93	172.2
22140	4.2	157.6	95	172.7
22150	4.1	155.9	97	173.3
22160	4.5	154.1	98	173.5
22170	5.2	152.4	100	174.1
22180	5.8	150.7	102	174.3
22190	5.4	148.9	104	175.4
22200	5.0	147.1	105	176.2
22210	4.1	145.4	107	176.7
22220	3.8	143.6	109	177.0
22230	4.2	141.8	111	177.5
22240	4.6	140.1	112	178.1
22250	4.7	138.3	114	178.3
22260	4.6	136.5	116	179.1
22270	4.3	134.7	118	179.7
22280	4.7	132.9	120	179.9
22290	4.7	131.1	121	180.7
22300	4.7	129.3	123	181.0
22310	4.3	127.5	125	181.8
22320	3.5	125.6	127	182.0
22330	3.5	123.8	129	182.3
22340	3.5	122.0	130	182.6
22350	3.5	120.2	132	182.6
22360	3.8	118.3	134	182.8
22370	3.7	116.5	136	183.1
22380	3.8	114.7	138	183.4
22390	3.5	112.8	140	183.6
22400	3.0	111.0	141	183.9
22410	2.7	109.2	143	183.9
22420	2.6	107.3	145	183.6
22430	2.3	105.5	147	183.9
22440	2.2	103.6	149	183.4
22450	2.2	101.8	151	183.1
22460	2.0	100.0	152	183.1
22470	1.9	98.2	154	182.6
22480	1.8	96.3	156	182.3
22490	0.9	94.5	158	182.0
22500	-1.8	92.7	160	181.0
22510	-3.9	90.9	162	179.4
22520	-2.7	89.1	163	177.5
22530	0.1	87.3	165	176.5
22540	1.2	85.6	167	175.9
22550	2.2	84.0	168	169.5
22560	3.4	82.4	170	130.7
22570	20.1	81.1	171	126.4
22580	38.1	80.0	172	98.5
22590	38.9	79.0	173	94.5
22600	25.2	78.2	174	80.6
22610	7.1	77.5	175	67.6
22620	-0.4	76.8	176	62.2

22630	-3.3	76.4	176	48.4
22640	-12.6	75.9	177	40.4
22650	-16.5	75.6	177	36.7
22660	-14.8	75.3	177	28.4
22670	-11.7	75.0	177	27.4
22680	-10.6	74.8	178	21.5
22690	-12.3	74.6	178	16.7
22700	-14.9	74.4	178	14.6
22710	-16.5	74.3	178	9.3
22720	-18.2	74.3	178	6.3
22730	-19.5	74.2	178	0.0
22740	-23.1	74.3	178	-2.9
22750	-27.4	74.3	178	-8.5
22760	-31.6	74.5	178	-15.9
22770	-34.2	74.7	178	-24.7
22780	-34.8	75.0	177	-33.8
22790	-34.3	75.4	177	-38.8
22800	-33.1	75.9	177	-52.4
22810	-31.2	76.5	176	-67.8
22820	-29.4	77.2	175	-77.2
22830	-28.3	78.0	174	-84.9
22840	-28.1	78.8	174	-94.2
22850	-27.7	79.7	173	-93.4
22860	-27.4	80.7	172	-90.5
22870	-27.4	81.8	171	-118.2
22880	-27.5	82.9	170	-126.4
22890	-27.5	84.1	168	-134.1
22900	-26.7	85.4	167	-142.4
22910	-25.8	86.7	166	-136.3
22920	-24.0	88.2	164	-143.4
22930	-22.6	89.6	163	-149.6
22940	-21.7	91.2	161	-156.0
22950	-22.1	92.8	160	-161.3
22960	-22.5	94.4	158	-167.4
22970	-23.3	96.2	156	-173.0
22980	-23.6	97.9	155	-179.1
22990	-21.6	99.8	153	-185.2
23000	-18.2	101.7	151	-190.8
23010	-15.5	103.6	149	-194.8
23020	-14.8	105.6	147	-198.6
23030	-16.4	107.6	145	-202.5
23040	-17.5	109.7	143	-206.5
23050	-16.7	111.8	141	-210.5
23060	-15.6	113.9	139	-214.8
23070	-14.8	116.1	136	-218.0
23080	-14.0	118.3	134	-221.4
23090	-13.0	120.5	132	-224.4
23100	-12.9	122.8	130	-227.6
23110	-13.7	125.1	127	-230.0
23120	-14.5	127.4	125	-232.9
23130	-13.7	129.8	123	-235.8
23140	-12.7	132.1	120	-238.8
23150	-13.0	134.5	118	-241.4
23160	-12.7	137.0	115	-244.1

23170	-11.8	139.4	113	-246.7
23180	-11.7	141.9	111	-248.9
23190	-12.7	144.4	108	-251.5
23200	-12.7	147.0	105	-254.2
23210	-11.5	149.5	103	-256.6
23220	-11.9	152.1	100	-258.7
23230	-12.2	154.7	98	-260.8
23240	-10.8	157.3	95	-263.0
23250	-10.7	160.0	92	-264.8
23260	-12.2	162.6	90	-267.0
23270	-12.3	165.3	87	-269.1
23280	-11.3	168.0	84	-271.8
23290	-10.4	170.8	82	-273.6
23300	-9.1	173.5	79	-275.0
23310	-8.3	176.3	76	-276.6
23320	-8.7	179.1	73	-277.4
23330	-9.1	181.8	71	-278.4
23340	-8.8	184.6	68	-279.8
23350	-8.1	187.4	65	-280.8
23360	-6.5	190.3	62	-281.9
23370	-4.5	193.1	59	-282.4
23380	-3.9	195.9	57	-282.4
23390	-5.0	198.7	54	-282.7
23400	-5.7	201.6	51	-282.7
23410	-6.6	204.4	48	-282.7
23420	-6.0	207.2	45	-283.7
23430	-3.7	210.1	42	-284.0
23440	-3.0	212.9	40	-283.5
23450	-3.1	215.7	37	-283.2
23460	-3.0	218.6	34	-282.7
23470	-2.8	221.4	31	-282.4
23480	-2.6	224.2	28	-281.9
23490	-0.3	227.0	25	-280.8
23500	4.7	229.8	23	-279.2
23510	6.5	232.6	20	-276.3
23520	4.5	235.3	17	-273.4
23530	1.6	238.0	14	-270.7
23540	0.4	240.7	12	-269.1
23550	2.0	243.4	9	-267.8
23560	4.7	246.1	6	-265.1
23570	7.5	248.7	4	-262.4
23580	9.5	251.3	1	-259.0
23590	12.2	253.9	-1	-254.7
23600	14.1	256.4	-4	-249.7
23610	14.6	258.8	-6	-243.8
23620	14.6	261.2	-9	-234.8
23630	3.1	263.3	-11	-205.2
23640	-4.9	265.0	-13	-149.3
23650	-25.6	266.5	-14	-136.0
23660	-45.2	267.6	-15	-111.5
23670	-42.4	268.6	-16	-80.6
23680	-21.8	269.3	-17	-70.8
23690	2.4	269.9	-17	-60.1
23700	2.6	270.4	-18	-43.3

23710	17.2	270.7	-18	-29.8
23720	31.5	271.0	-19	-23.4
23730	31.1	271.2	-19	-12.2
23740	20.2	271.2	-19	-5.3
23750	8.5	271.2	-19	-1.3
23760	6.5	271.2	-19	0.2
23770	13.3	271.2	-19	0.5
23780	21.6	271.2	-19	4.7
23790	25.5	271.1	-19	11.9
23800	23.3	271.0	-19	17.5
23810	17.0	270.7	-18	23.6
23820	11.0	270.5	-18	28.2
23830	9.9	270.2	-18	28.2
23840	14.6	269.8	-17	37.5
23850	21.2	269.4	-17	42.3
23860	25.1	269.0	-17	48.4
23870	23.7	268.5	-16	50.5
23880	18.6	268.0	-16	50.8
23890	13.2	267.4	-15	67.6
23900	11.3	266.7	-14	64.9
23910	13.4	266.1	-14	61.2
23920	18.3	265.4	-13	64.6
23930	21.7	264.6	-12	68.9
23940	21.3	263.8	-11	75.0
23950	17.9	262.9	-10	79.0
23960	14.5	262.0	-10	101.4
23970	13.6	261.0	-9	105.4
23980	15.5	260.1	-8	100.8
23990	18.6	259.0	-7	103.5
24000	20.6	258.0	-6	108.8
24010	19.7	256.8	-4	114.2
24020	17.0	255.6	-3	119.5
24030	14.5	254.4	-2	124.0
24040	13.4	253.1	-1	127.5
24050	14.2	251.8	1	131.2
24060	16.3	250.5	2	134.9
24070	16.7	249.1	3	138.9
24080	15.5	247.7	5	143.4
24090	13.7	246.2	6	146.9
24100	12.6	244.7	8	150.4
24110	12.6	243.2	9	153.8
24120	13.4	241.6	11	156.8
24130	14.1	240.1	12	159.7
24140	13.6	238.4	14	163.4
24150	12.2	236.8	16	166.6
24160	10.3	235.1	17	169.3
24170	8.8	233.4	19	171.4
24180	9.2	231.7	21	173.3
24190	9.9	229.9	23	175.1
24200	10.0	228.1	24	177.0
24210	10.0	226.4	26	179.1
24220	9.8	224.5	28	181.2
24230	8.7	222.7	30	183.4
24240	7.5	220.9	32	185.0

24250	6.9	219.0	33	186.3
24260	6.9	217.1	35	187.6
24270	7.6	215.3	37	188.4
24280	8.8	213.4	39	190.0
24290	8.7	211.4	41	191.6
24300	7.9	209.5	43	193.2
24310	6.9	207.6	45	194.3
24320	6.2	205.6	47	195.6
24330	6.2	203.7	49	196.2
24340	6.1	201.7	51	197.5
24350	5.7	199.7	53	198.3
24360	5.3	197.7	55	198.8
24370	5.6	195.7	57	199.6
24380	6.2	193.7	59	200.1
24390	6.2	191.7	61	201.2
24400	5.6	189.7	63	202.0
24410	4.5	187.7	65	203.1
24420	4.2	185.6	67	203.1
24430	4.6	183.6	69	203.3
24440	5.3	181.6	71	203.6
24450	4.7	179.5	73	204.1
24460	4.9	177.5	75	204.7
24470	5.0	175.4	77	205.2
24480	4.5	173.4	79	205.2
24490	3.8	171.3	81	205.7
24500	3.4	169.3	83	206.0
24510	3.7	167.2	85	206.0
24520	4.2	165.1	87	205.7
24530	4.3	163.1	89	206.3
24540	4.3	161.0	91	206.3
24550	4.3	158.9	94	206.8
24560	4.1	156.9	96	207.1
24570	3.9	154.8	98	207.3
24580	4.1	152.7	100	207.6
24590	4.7	150.6	102	207.3
24600	5.2	148.6	104	208.1
24610	5.2	146.5	106	208.7
24620	4.5	144.4	108	208.9
24630	4.6	142.3	110	209.5
24640	4.9	140.2	112	209.5
24650	5.0	138.1	114	210.0
24660	4.7	136.0	116	210.8
24670	4.2	133.9	119	211.1
24680	3.5	131.8	121	211.3
24690	3.3	129.7	123	211.3
24700	3.3	127.5	125	211.6
24710	3.0	125.4	127	211.3
24720	3.0	123.3	129	211.3
24730	2.6	121.2	131	211.1
24740	2.4	119.1	133	210.8
24750	2.3	117.0	135	210.5
24760	2.2	114.9	138	210.3
24770	2.2	112.8	140	210.0
24780	1.9	110.7	142	209.5

24790	0.8	108.6	144	209.2
24800	-2.7	106.5	146	207.9
24810	-5.8	104.4	148	205.5
24820	-5.6	102.4	150	202.8
24830	-2.6	100.4	152	200.4
24840	0.4	98.4	154	198.6
24850	1.2	96.4	156	198.0
24860	-1.1	94.4	158	197.2
24870	-4.6	92.5	160	195.9
24880	-6.6	90.5	162	193.0
24890	-5.8	88.6	164	190.3
24900	-4.6	86.7	166	187.9
24910	-5.4	84.9	168	185.5
24920	-1.4	83.2	169	167.9
24930	3.3	81.7	171	142.9
24940	13.8	80.5	172	109.9
24950	27.5	79.4	173	104.6
24960	27.0	78.4	174	89.1
24970	13.8	77.6	175	82.5
24980	0.9	77.0	175	56.1
24990	-0.8	76.5	176	52.7
25000	-8.3	76.0	176	44.1
25010	-19.3	75.6	177	35.6
25020	-23.1	75.3	177	25.8
25030	-21.4	75.1	177	22.6
25040	-17.5	74.9	178	15.4
25050	-14.8	74.7	178	13.5
25060	-16.1	74.7	178	8.2
25070	-19.9	74.6	178	3.4
25080	-24.1	74.6	178	-1.5
25090	-28.2	74.7	178	-6.3
25100	-30.0	74.8	178	-15.1
25110	-29.3	75.0	177	-24.2
25120	-28.9	75.3	177	-33.0
25130	-29.7	75.6	177	-37.5
25140	-31.5	76.0	176	-41.2
25150	-33.1	76.6	176	-59.9
25160	-32.8	77.2	175	-63.6
25170	-30.1	77.9	175	-64.9
25180	-25.9	78.7	174	-88.1
25190	-23.1	79.5	173	-95.5
25200	-22.4	80.5	172	-102.4
25210	-24.1	81.4	171	-98.7
25220	-27.0	82.4	170	-95.0
25230	-28.3	83.6	169	-123.5
25240	-27.9	84.8	168	-131.7
25250	-25.6	86.0	166	-129.1
25260	-23.5	87.4	165	-133.9
25270	-22.5	88.7	164	-140.5
25280	-22.8	90.2	162	-146.6
25290	-22.8	91.7	161	-152.2
25300	-22.0	93.3	159	-158.6
25310	-21.3	94.9	158	-163.9
25320	-21.0	96.6	156	-170.1

25330	-21.3	98.3	154	-175.1
25340	-20.9	100.1	152	-180.2
25350	-19.8	102.0	150	-186.0
25360	-17.8	103.9	149	-190.6
25370	-16.5	105.8	147	-194.8
25380	-16.3	107.8	145	-199.1
25390	-15.5	109.8	143	-203.3
25400	-14.9	111.9	141	-206.5
25410	-15.1	113.9	139	-210.3
25420	-15.6	116.1	136	-213.7
25430	-15.3	118.2	134	-217.7
25440	-14.1	120.4	132	-220.9
25450	-12.7	122.7	130	-224.1
25460	-12.7	124.9	128	-226.5
25470	-13.2	127.2	125	-229.2
25480	-12.7	129.5	123	-231.8
25490	-12.3	131.9	121	-234.8
25500	-12.7	134.2	118	-237.2
25510	-12.3	136.6	116	-239.8
25520	-11.8	139.1	113	-242.2
25530	-11.9	141.5	111	-244.3
25540	-13.4	144.0	108	-247.0
25550	-14.4	146.4	106	-249.7
25560	-13.0	149.0	103	-252.3
25570	-12.3	151.5	101	-255.0
25580	-12.1	154.1	98	-257.4
25590	-11.4	156.7	96	-259.0
25600	-11.3	159.3	93	-261.1
25610	-13.4	161.9	91	-263.0
25620	-15.1	164.6	88	-265.9
25630	-14.5	167.2	85	-268.6
25640	-13.0	169.9	83	-271.0
25650	-11.5	172.7	80	-273.6
25660	-9.8	175.4	77	-275.2
25670	-9.2	178.2	74	-277.1
25680	-10.0	181.0	71	-278.7
25690	-10.3	183.8	69	-280.3
25700	-10.4	186.6	66	-282.7
25710	-9.8	189.4	63	-283.7
25720	-7.3	192.3	60	-285.9
25730	-6.4	195.1	57	-286.4
25740	-7.3	198.0	54	-287.2
25750	-9.1	200.9	52	-288.0
25760	-10.0	203.8	49	-289.6
25770	-9.8	206.7	46	-290.4
25780	-8.0	209.6	43	-290.7
25790	-5.6	212.5	40	-290.1
25800	-5.0	215.4	37	-290.1
25810	-5.2	218.3	34	-289.9
25820	-4.9	221.2	31	-290.1
25830	-4.9	224.1	28	-290.1
25840	-3.9	227.0	25	-290.1
25850	-3.4	229.9	23	-290.1
25860	-3.1	232.8	20	-289.6

25870	-3.1	235.7	17	-289.3
25880	-2.8	238.6	14	-288.8
25890	-3.0	241.5	11	-288.3
25900	-2.6	244.3	8	-287.5
25910	0.0	247.2	5	-286.7
25920	4.7	250.1	2	-284.3
25930	6.4	252.9	0	-281.9
25940	4.3	255.7	-3	-278.4
25950	0.8	258.5	-6	-276.0
25960	0.0	261.2	-9	-274.4
25970	-3.5	263.6	-11	-236.9
25980	-38.0	265.5	-13	-185.5
25990	-78.8	267.1	-15	-132.5
26000	-91.1	268.4	-16	-117.4
26010	-79.6	269.3	-17	-90.5
26020	-49.1	270.1	-18	-60.9
26030	-15.3	270.6	-18	-50.3
26040	0.4	271.0	-19	-40.1
26050	5.3	271.3	-19	-28.4
26060	13.7	271.5	-19	-21.0
26070	17.8	271.7	-19	-13.5
26080	14.5	271.8	-19	-11.4
26090	9.4	271.9	-19	-6.6
26100	6.8	272.0	-20	-5.3
26110	9.4	272.0	-20	-2.6
26120	12.9	272.0	-20	0.2
26130	17.9	272.0	-20	1.8
26140	19.9	271.9	-19	6.6
26150	17.9	271.8	-19	10.3
26160	13.0	271.7	-19	14.6
26170	8.4	271.5	-19	19.9
26180	7.9	271.3	-19	23.9
26190	11.4	271.0	-19	24.2
26200	17.1	270.8	-18	27.4
26210	21.3	270.5	-18	28.7
26220	21.6	270.1	-18	41.7
26230	19.0	269.7	-17	43.6
26240	16.0	269.2	-17	43.6
26250	15.1	268.7	-16	58.0
26260	16.5	268.1	-16	62.2
26270	19.1	267.5	-15	60.9
26280	21.0	266.9	-14	59.6
26290	20.7	266.2	-14	64.9
26300	19.1	265.4	-13	85.1
26310	17.5	264.6	-12	90.2
26320	16.8	263.8	-11	78.0
26330	17.2	262.9	-10	83.3
26340	18.4	261.9	-9	85.9
26350	19.9	260.9	-8	90.2
26360	20.3	259.8	-7	105.6
26370	19.4	258.7	-6	111.0
26380	17.1	257.6	-5	116.0
26390	14.6	256.4	-4	120.5
26400	13.6	255.2	-3	124.3

26410	13.8	253.9	-1	127.7
26420	15.1	252.6	0	131.5
26430	15.6	251.2	1	135.2
26440	15.3	249.9	3	139.2
26450	14.6	248.4	4	142.9
26460	12.9	247.0	5	146.4
26470	12.1	245.5	7	149.3
26480	11.5	244.0	8	152.2
26490	11.1	242.4	10	155.2
26500	11.7	240.9	12	157.3
26510	11.1	239.3	13	160.0
26520	9.8	237.6	15	162.6
26530	8.7	236.0	16	164.5
26540	7.9	234.3	18	166.3
26550	8.3	232.7	20	168.2
26560	9.1	231.0	21	170.1
26570	9.1	229.3	23	171.7
26580	8.5	227.5	25	173.8
26590	7.9	225.8	27	175.4
26600	7.5	224.0	28	176.7
26610	7.2	222.2	30	178.1
26620	6.9	220.4	32	179.1
26630	6.9	218.6	34	180.7
26640	6.5	216.8	36	181.5
26650	6.5	215.0	37	182.8
26660	6.6	213.2	39	183.6
26670	6.2	211.3	41	185.0
26680	5.6	209.5	43	185.5
26690	4.7	207.6	45	186.3
26700	4.1	205.7	47	186.8
26710	3.5	203.9	49	187.1
26720	3.3	202.0	50	187.4
26730	3.3	200.1	52	187.6
26740	3.4	198.2	54	187.6
26750	3.7	196.4	56	187.6
26760	3.9	194.5	58	187.9
26770	3.5	192.6	60	188.2
26780	3.0	190.7	62	188.4
26790	2.6	188.8	64	188.4
26800	2.4	186.9	66	188.2
26810	2.4	185.1	67	188.2
26820	2.6	183.2	69	187.9
26830	2.7	181.3	71	187.6
26840	2.6	179.4	73	187.6
26850	2.8	177.5	75	187.6
26860	2.8	175.7	77	187.6
26870	2.8	173.8	79	187.4
26880	2.7	171.9	81	187.1
26890	2.6	170.1	82	187.4
26900	2.6	168.2	84	187.1
26910	2.6	166.3	86	187.1
26920	2.7	164.4	88	186.8
26930	2.7	162.6	90	186.8
26940	3.0	160.7	92	186.6

26950	3.4	158.8	94	186.8
26960	3.5	157.0	95	186.8
26970	3.9	155.1	97	186.8
26980	3.9	153.2	99	187.1
26990	4.2	151.3	101	187.4
27000	4.2	149.5	103	187.6
27010	4.2	147.6	105	187.9
27020	4.1	145.7	107	188.4
27030	3.7	143.8	109	188.7
27040	3.9	141.9	111	189.0
27050	3.8	140.0	112	189.2
27060	3.7	138.1	114	189.5
27070	3.9	136.2	116	189.8
27080	3.9	134.3	118	190.0
27090	4.1	132.4	120	190.6
27100	3.8	130.5	122	190.6
27110	3.7	128.6	124	190.6
27120	2.8	126.7	126	191.1
27130	2.6	124.8	128	191.1
27140	2.3	122.9	130	190.8
27150	2.3	121.0	131	190.3
27160	2.2	119.1	133	190.3
27170	2.2	117.2	135	190.3
27180	2.0	115.3	137	189.8
27190	1.9	113.4	139	189.8
27200	1.8	111.5	141	189.2
27210	-0.1	109.6	143	188.4
27220	-2.7	107.7	145	187.1
27230	-3.0	105.9	147	185.8
27240	-0.9	104.0	148	183.9
27250	0.9	102.2	150	182.8
27260	1.9	100.4	152	182.3
27270	1.8	98.5	154	181.8
27280	1.1	96.7	156	181.8
27290	-0.7	94.9	158	181.0
27300	-2.4	93.1	159	179.7
27310	-3.0	91.3	161	178.1
27320	-1.9	89.6	163	176.5
27330	-1.2	87.8	165	175.1
27340	-1.8	86.1	166	173.8
27350	-3.1	84.3	168	187.9
27360	2.7	82.9	170	150.1
27370	7.2	81.5	171	129.6
27380	24.7	80.4	172	100.8
27390	33.8	79.3	173	97.7
27400	27.4	78.5	174	83.5
27410	13.7	77.7	175	70.8
27420	0.8	77.1	175	59.9
27430	-0.3	76.6	176	51.1
27440	-0.9	76.1	176	43.9
27450	-9.6	75.7	177	40.4
27460	-15.9	75.4	177	27.1
27470	-17.5	75.1	177	25.2
27480	-16.3	74.9	178	18.1

27490	-14.1	74.8	178	17.3
27500	-13.2	74.6	178	12.2
27510	-14.1	74.5	178	7.1
27520	-16.8	74.5	178	3.7
27530	-21.0	74.5	178	-1.0
27540	-26.6	74.5	178	-3.9
27550	-30.4	74.6	178	-10.6
27560	-31.9	74.8	178	-19.4
27570	-31.7	75.1	177	-25.5
27580	-30.9	75.4	177	-33.2
27590	-30.1	75.8	177	-41.5
27600	-29.8	76.3	176	-48.4
27610	-29.2	76.9	176	-55.9
27620	-27.8	77.6	175	-63.0
27630	-26.4	78.4	174	-84.9
27640	-25.8	79.2	173	-83.8
27650	-25.8	80.1	172	-81.9
27660	-27.0	81.1	171	-107.2
27670	-27.7	82.1	170	-115.5
27680	-27.7	83.2	169	-123.2
27690	-26.8	84.4	168	-130.9
27700	-25.2	85.7	167	-138.9
27710	-24.0	87.0	165	-132.8
27720	-23.2	88.3	164	-139.5
27730	-23.1	89.8	163	-145.3
27740	-22.6	91.3	161	-152.0
27750	-22.6	92.9	160	-157.8
27760	-22.8	94.5	158	-163.7
27770	-23.1	96.2	156	-170.1
27780	-23.5	97.9	155	-175.7
27790	-21.8	99.7	153	-181.8
27800	-19.1	101.6	151	-187.4
27810	-16.5	103.5	149	-191.9
27820	-15.5	105.4	147	-195.9
27830	-16.7	107.4	145	-199.9
27840	-17.8	109.4	143	-203.9
27850	-17.5	111.5	141	-208.1
27860	-16.8	113.6	139	-212.1
27870	-16.7	115.8	137	-216.1
27880	-15.5	118.0	134	-220.1
27890	-14.0	120.2	132	-223.3
27900	-12.7	122.5	130	-226.5
27910	-13.2	124.7	128	-229.2
27920	-14.4	127.1	125	-231.8
27930	-14.5	129.4	123	-235.3
27940	-13.8	131.8	121	-238.2
27950	-14.2	134.2	118	-241.1
27960	-13.8	136.6	116	-244.1
27970	-13.0	139.1	113	-247.0
27980	-12.7	141.6	111	-249.4
27990	-14.1	144.1	108	-252.6
28000	-14.6	146.6	106	-255.3
28010	-13.7	149.2	103	-258.2
28020	-14.0	151.8	101	-260.6

28030	-13.7	154.4	98	-263.0
28040	-12.7	157.1	95	-265.6
28050	-11.4	159.8	93	-268.0
28060	-12.7	162.5	90	-270.2
28070	-13.7	165.2	87	-272.6
28080	-13.2	167.9	85	-275.2
28090	-12.3	170.7	82	-277.6
28100	-10.7	173.5	79	-279.5
28110	-9.9	176.3	76	-281.3
28120	-10.6	179.1	73	-282.7
28130	-11.4	182.0	70	-284.5
28140	-11.5	184.8	68	-286.4
28150	-11.3	187.7	65	-288.3
28160	-8.9	190.6	62	-290.1
28170	-6.5	193.5	59	-290.4
28180	-6.2	196.4	56	-290.4
28190	-8.1	199.3	53	-290.7
28200	-9.5	202.2	50	-290.7
28210	-10.8	205.1	47	-290.7
28220	-10.2	208.0	44	-290.9
28230	-7.3	210.9	42	-290.4
28240	-4.9	213.9	39	-290.4
28250	-5.4	216.8	36	-290.1
28260	-6.0	219.7	33	-290.1
28270	-6.0	222.6	30	-290.4
28280	-6.1	225.5	27	-290.1
28290	-4.7	228.4	24	-290.1
28300	-3.5	231.3	21	-290.1
28310	-3.4	234.2	18	-289.6
28320	-3.1	237.1	15	-289.1
28330	-3.0	239.9	13	-288.8
28340	-2.8	242.8	10	-288.3
28350	-2.3	245.7	7	-288.0
28360	2.2	248.6	4	-286.4
28370	7.5	251.4	1	-284.0
28380	8.3	254.2	-2	-280.0
28390	4.3	257.0	-5	-276.8
28400	0.9	259.8	-7	-274.4
28410	-2.7	262.5	-10	-262.7
28420	-8.3	264.6	-12	-208.9
28430	-49.9	266.3	-14	-165.3
28440	-81.0	267.8	-15	-144.8
28450	-82.9	268.8	-16	-103.5
28460	-61.2	269.7	-17	-79.0
28470	-29.2	270.3	-18	-64.1
28480	-4.3	270.8	-18	-43.1
28490	0.9	271.1	-19	-35.4
28500	1.2	271.4	-19	-25.0
28510	8.0	271.6	-19	-20.4
28520	13.2	271.7	-19	-13.5
28530	12.5	271.8	-19	-9.5
28540	10.6	271.9	-19	-6.1
28550	10.7	271.9	-19	-2.6
28560	12.6	272.0	-20	0.2

28570	15.9	271.9	-19	1.0
28580	17.9	271.9	-19	5.5
28590	17.4	271.8	-19	8.7
28600	14.4	271.7	-19	14.1
28610	10.4	271.5	-19	18.1
28620	8.0	271.3	-19	18.6
28630	8.7	271.1	-19	25.2
28640	11.8	270.8	-18	27.6
28650	16.0	270.6	-18	28.7
28660	18.6	270.2	-18	29.8
28670	18.4	269.9	-17	34.3
28680	16.0	269.4	-17	47.3
28690	14.2	269.0	-17	47.3
28700	14.5	268.5	-16	45.7
28710	16.7	267.9	-15	60.1
28720	18.6	267.4	-15	64.1
28730	19.1	266.7	-14	70.8
28740	18.0	266.0	-14	75.3
28750	17.1	265.3	-13	81.4
28760	16.7	264.5	-12	86.2
28770	17.0	263.7	-11	91.3
28780	18.0	262.9	-10	96.1
28790	18.4	261.9	-9	101.4
28800	17.6	261.0	-9	106.7
28810	16.5	260.0	-8	111.5
28820	15.6	258.9	-6	105.6
28830	15.5	257.8	-5	109.6
28840	15.3	256.7	-4	113.9
28850	15.1	255.5	-3	117.9
28860	14.4	254.3	-2	121.9
28870	14.0	253.1	-1	125.6
28880	14.0	251.8	1	129.3
28890	14.9	250.5	2	132.8
28900	15.3	249.1	3	136.8
28910	14.6	247.7	5	140.5
28920	13.6	246.3	6	144.0
28930	12.2	244.8	8	147.7
28940	10.7	243.3	9	150.4
28950	10.8	241.8	11	152.8
28960	10.6	240.3	12	155.2
28970	10.6	238.7	14	158.1
28980	10.7	237.1	15	160.2
28990	10.0	235.5	17	162.6
29000	8.5	233.8	19	164.7
29010	7.5	232.2	20	166.3
29020	7.1	230.5	22	167.9
29030	6.9	228.8	24	169.0
29040	6.9	227.1	25	170.3
29050	6.8	225.4	27	171.4
29060	6.1	223.7	29	172.5
29070	5.3	221.9	31	173.5
29080	4.5	220.2	32	174.3
29090	4.1	218.4	34	174.9
29100	3.9	216.7	36	175.1

29110	4.5	214.9	38	175.4
29120	5.0	213.2	39	175.9
29130	4.9	211.4	41	176.7
29140	4.5	209.6	43	177.3
29150	4.3	207.9	45	177.8
29160	4.3	206.1	46	178.1
29170	4.9	204.3	48	178.3
29180	4.9	202.5	50	179.4
29190	4.5	200.7	52	179.9
29200	3.1	198.9	54	180.4
29210	2.7	197.1	55	180.4
29220	3.3	195.3	57	180.4
29230	4.2	193.5	59	180.4
29240	5.0	191.7	61	180.7
29250	4.6	189.9	63	181.2
29260	3.3	188.1	64	181.8
29270	2.7	186.2	66	181.8
29280	2.4	184.4	68	182.0
29290	2.7	182.6	70	181.8
29300	2.7	180.8	72	181.8
29310	3.0	179.0	73	181.8
29320	3.8	177.2	75	181.8
29330	5.0	175.3	77	181.8
29340	5.8	173.5	79	182.6
29350	4.9	171.7	81	183.6
29360	3.5	169.8	83	183.9
29370	3.1	168.0	84	184.2
29380	3.3	166.2	86	184.2
29390	3.9	164.3	88	184.2
29400	4.3	162.5	90	184.4
29410	5.3	160.6	92	185.2
29420	5.3	158.8	94	185.8
29430	4.5	156.9	96	186.3
29440	3.9	155.0	97	186.8
29450	3.9	153.2	99	187.1
29460	4.7	151.3	101	187.1
29470	5.6	149.4	103	187.9
29480	6.2	147.5	105	188.7
29490	6.1	145.6	107	189.8
29500	5.3	143.7	109	190.3
29510	5.2	141.8	111	191.1
29520	5.3	139.9	113	191.6
29530	5.4	138.0	114	192.4
29540	5.3	136.0	116	193.2
29550	5.6	134.1	118	194.0
29560	5.6	132.2	120	194.8
29570	5.2	130.2	122	195.4
29580	5.0	128.3	124	195.6
29590	4.5	126.3	126	196.4
29600	4.2	124.3	128	197.0
29610	4.1	122.4	130	197.0
29620	3.5	120.4	132	197.2
29630	3.1	118.4	134	197.5
29640	3.0	116.4	136	197.5

29650	2.7	114.5	138	197.5
29660	2.6	112.5	140	197.2
29670	2.2	110.5	142	197.2
29680	2.2	108.5	144	197.0
29690	2.0	106.6	146	196.7
29700	1.8	104.6	148	196.2
29710	0.7	102.7	150	195.6
29720	-3.0	100.7	152	194.3
29730	-5.2	98.8	154	192.2
29740	-2.8	96.9	156	189.8
29750	0.3	95.0	157	188.7
29760	1.1	93.1	159	187.6
29770	0.1	91.2	161	187.1
29780	-1.6	89.4	163	186.0
29790	-3.1	87.5	165	184.7
29800	-3.4	85.7	167	182.8
29810	-0.1	83.9	169	193.2
29820	3.5	82.4	170	151.4
29830	20.9	81.0	171	142.9
29840	39.1	79.9	173	101.1
29850	38.6	78.9	174	96.6
29860	22.9	78.0	174	81.7
29870	5.2	77.3	175	67.8
29880	-0.5	76.7	176	56.7
29890	-1.4	76.2	176	43.3
29900	-9.4	75.8	177	40.4
29910	-14.1	75.4	177	33.2
29920	-13.2	75.1	177	28.2
29930	-11.4	74.9	178	24.4
29940	-10.6	74.7	178	18.9
29950	-12.3	74.5	178	19.4
29960	-14.5	74.3	178	13.8
29970	-15.6	74.2	178	8.7
29980	-16.5	74.2	178	5.3
29990	-17.5	74.2	178	-0.2
30000	-21.0	74.2	178	-1.3
30010	-25.2	74.2	178	-9.0
30020	-29.2	74.4	178	-15.7
30030	-31.1	74.6	178	-24.7
30040	-31.1	74.9	178	-33.8
30050	-30.1	75.2	177	-38.8
30060	-28.9	75.7	177	-42.3
30070	-27.1	76.2	176	-54.5
30080	-25.2	76.8	176	-68.6
30090	-24.0	77.5	175	-76.1
30100	-23.9	78.2	174	-83.0
30110	-24.3	79.0	173	-81.4
30120	-25.4	79.9	173	-79.6
30130	-26.6	80.8	172	-104.3
30140	-27.0	81.8	171	-101.6
30150	-26.4	82.9	170	-97.9
30160	-25.1	84.0	168	-103.8
30170	-23.2	85.2	167	-109.9
30180	-22.0	86.5	166	-128.0

30190	-22.1	87.9	165	-134.1
30200	-22.9	89.2	163	-139.7
30210	-23.5	90.7	162	-146.1
30220	-24.0	92.2	160	-152.2
30230	-23.3	93.8	159	-158.6
30240	-23.2	95.4	157	-164.5
30250	-23.1	97.1	155	-170.9
30260	-21.6	98.8	154	-176.7
30270	-19.4	100.7	152	-182.0
30280	-17.0	102.5	150	-186.6
30290	-15.7	104.4	148	-191.1
30300	-16.8	106.4	146	-194.8
30310	-18.8	108.3	144	-198.8
30320	-19.5	110.4	142	-203.3
30330	-18.4	112.4	140	-207.9
30340	-17.1	114.5	138	-212.1
30350	-15.7	116.7	136	-216.1
30360	-14.8	118.9	134	-219.9
30370	-13.6	121.1	131	-222.8
30380	-13.2	123.3	129	-225.7
30390	-13.7	125.6	127	-228.9
30400	-14.6	127.9	125	-231.6
30410	-14.5	130.3	122	-234.2
30420	-14.2	132.6	120	-237.7
30430	-14.1	135.0	117	-240.6
30440	-13.2	137.5	115	-243.8
30450	-11.8	139.9	113	-246.5
30460	-11.8	142.4	110	-248.6
30470	-13.2	144.9	108	-251.3
30480	-12.6	147.5	105	-254.2
30490	-12.2	150.0	102	-256.6
30500	-12.5	152.6	100	-259.5
30510	-12.2	155.2	97	-261.6
30520	-10.4	157.8	95	-264.0
30530	-10.0	160.5	92	-266.2
30540	-11.4	163.2	89	-267.8
30550	-12.2	165.9	87	-269.9
30560	-11.9	168.6	84	-272.6
30570	-11.1	171.3	81	-274.7
30580	-10.2	174.1	78	-276.6
30590	-9.9	176.9	76	-278.4
30600	-10.4	179.7	73	-280.0
30610	-11.4	182.5	70	-281.3
30620	-11.8	185.3	67	-282.9
30630	-11.4	188.1	64	-285.1
30640	-9.2	191.0	61	-286.4
30650	-6.6	193.9	59	-287.5
30660	-7.2	196.8	56	-287.7
30670	-9.1	199.6	53	-288.8
30680	-10.4	202.5	50	-290.1
30690	-11.7	205.4	47	-290.9
30700	-11.0	208.4	44	-290.9
30710	-8.1	211.3	41	-290.7
30720	-6.0	214.2	38	-290.4

30730	-6.0	217.1	35	-290.4
30740	-6.2	220.0	32	-290.1
30750	-6.4	222.9	30	-290.4
30760	-6.2	225.8	27	-290.4
30770	-4.9	228.7	24	-290.4
30780	-3.8	231.6	21	-290.1
30790	-4.1	234.5	18	-289.6
30800	-4.2	237.4	15	-289.6
30810	-4.3	240.3	12	-289.9
30820	-4.6	243.2	9	-289.6
30830	-3.9	246.1	6	-289.6
30840	-3.1	249.0	3	-289.3
30850	-3.0	251.9	1	-289.1
30860	-2.8	254.7	-2	-288.0
30870	-2.8	257.6	-5	-287.7
30880	-1.9	260.5	-8	-286.9
30890	-3.7	263.1	-11	-263.5
30900	-22.8	265.4	-13	-220.4
30910	-64.4	266.9	-14	-157.8
30920	-89.9	268.3	-16	-124.5
30930	-88.3	269.3	-17	-95.3
30940	-60.6	270.1	-18	-78.2
30950	-27.8	270.6	-18	-51.9
30960	-0.3	271.0	-19	-37.0
30970	1.1	271.3	-19	-24.2
30980	1.8	271.5	-19	-20.7
30990	5.6	271.7	-19	-13.8
31000	7.1	271.8	-19	-12.2
31010	5.8	271.9	-19	-7.4
31020	4.6	272.0	-20	-6.6
31030	7.1	272.0	-20	-4.5
31040	11.1	272.1	-20	-2.3
31050	14.4	272.1	-20	0.7
31060	16.4	272.1	-20	1.8
31070	15.5	272.0	-20	7.9
31080	11.9	271.9	-19	11.9
31090	8.1	271.8	-19	15.4
31100	6.4	271.6	-19	17.5
31110	7.3	271.4	-19	19.4
31120	11.0	271.3	-19	21.8
31130	14.8	271.0	-19	22.8
31140	17.5	270.8	-18	26.8
31150	17.5	270.5	-18	28.2
31160	14.9	270.1	-18	39.9
31170	12.2	269.7	-17	39.9
31180	11.8	269.3	-17	39.1
31190	14.0	268.9	-16	42.0
31200	17.8	268.3	-16	55.3
31210	19.8	267.8	-15	54.8
31220	19.5	267.2	-15	54.0
31230	17.2	266.6	-14	72.1
31240	14.8	265.9	-13	69.7
31250	14.2	265.2	-13	66.2
31260	16.1	264.4	-12	70.0

31270	19.0	263.6	-11	73.7
31280	20.3	262.8	-10	78.0
31290	19.7	261.9	-9	84.1
31300	17.5	260.9	-8	87.3
31310	15.2	259.8	-7	101.6
31320	14.9	258.8	-6	105.6
31330	15.7	257.7	-5	109.6
31340	16.8	256.6	-4	113.6
31350	17.6	255.4	-3	118.2
31360	17.2	254.2	-2	122.7
31370	16.3	252.9	0	126.9
31380	15.3	251.6	1	131.2
31390	15.1	250.3	2	135.2
31400	14.8	248.9	4	139.2
31410	13.7	247.5	5	142.6
31420	12.9	246.0	6	146.1
31430	12.6	244.6	8	149.3
31440	12.7	243.0	9	152.2
31450	12.3	241.5	11	155.4
31460	11.8	239.9	13	158.4
31470	10.3	238.3	14	161.0
31480	9.5	236.7	16	163.1
31490	8.9	235.0	17	165.3
31500	8.4	233.4	19	167.1
31510	8.0	231.7	21	168.7
31520	7.6	230.0	22	170.3
31530	6.6	228.3	24	171.9
31540	6.4	226.5	26	172.7
31550	6.4	224.8	28	173.8
31560	6.2	223.1	29	175.1
31570	5.3	221.3	31	175.7
31580	4.5	219.5	33	176.7
31590	4.6	217.8	35	177.0
31600	5.3	216.0	36	177.8
31610	6.5	214.2	38	178.3
31620	7.2	212.4	40	179.7
31630	6.1	210.6	42	181.0
31640	4.5	208.8	44	181.8
31650	3.4	207.0	45	182.0
31660	3.5	205.1	47	182.3
31670	4.1	203.3	49	182.3
31680	4.9	201.5	51	182.8
31690	4.7	199.7	53	183.4
31700	3.9	197.8	55	183.9
31710	3.7	196.0	56	184.2
31720	3.7	194.1	58	184.2
31730	3.5	192.3	60	184.4
31740	3.0	190.4	62	185.0
31750	2.6	188.6	64	184.7
31760	2.6	186.7	66	184.7
31770	2.4	184.9	68	184.7
31780	2.7	183.0	69	184.7
31790	2.8	181.2	71	184.4
31800	2.8	179.4	73	184.4

31810	3.0	177.5	75	184.4
31820	3.1	175.7	77	184.4
31830	3.0	173.8	79	184.2
31840	2.8	172.0	80	184.4
31850	2.4	170.1	82	184.4
31860	2.4	168.3	84	184.2
31870	2.3	166.4	86	184.2
31880	2.3	164.6	88	183.9
31890	2.2	162.8	90	183.6
31900	2.2	160.9	92	183.4
31910	2.2	159.1	93	183.6
31920	2.0	157.3	95	182.8
31930	2.2	155.4	97	182.8
31940	2.2	153.6	99	182.8
31950	2.2	151.8	101	182.3
31960	2.2	150.0	102	182.0
31970	2.3	148.1	104	182.0
31980	2.3	146.3	106	181.5
31990	2.3	144.5	108	181.5
32000	2.4	142.7	110	181.5
32010	2.4	140.9	112	181.2
32020	2.6	139.1	113	181.2
32030	2.7	137.3	115	181.2
32040	3.0	135.4	117	181.0
32050	3.5	133.6	119	181.2
32060	4.1	131.8	121	181.2
32070	3.5	130.0	122	181.2
32080	2.7	128.2	124	181.5
32090	2.0	126.4	126	181.5
32100	2.0	124.6	128	181.5
32110	2.0	122.7	130	181.0
32120	1.9	120.9	132	180.7
32130	1.9	119.1	133	180.4
32140	1.2	117.3	135	180.4
32150	-1.1	115.5	137	179.7
32160	-4.2	113.7	139	178.1
32170	-4.3	112.0	140	175.9
32180	-1.8	110.2	142	173.8
32190	0.7	108.5	144	172.7
32200	1.8	106.8	146	172.2
32210	0.3	105.1	147	171.9
32220	-2.6	103.3	149	170.6
32230	-4.5	101.7	151	169.0
32240	-3.7	100.0	152	166.9
32250	-1.4	98.3	154	165.0
32260	0.4	96.7	156	164.2
32270	-0.1	95.0	157	163.1
32280	-2.3	93.4	159	162.3
32290	-4.6	91.8	161	160.2
32300	-4.7	90.2	162	158.4
32310	-4.3	88.7	164	156.0
32320	-4.5	87.1	165	154.1
32330	-5.8	85.6	167	152.0
32340	-5.3	84.1	168	160.0

32350	1.6	82.9	170	128.5
32360	2.7	81.6	171	124.3
32370	9.4	80.7	172	100.0
32380	19.0	79.7	173	88.3
32390	17.8	78.9	174	69.7
32400	8.9	78.2	174	67.8
32410	-0.4	77.6	175	58.5
32420	0.0	77.1	175	51.1
32430	-2.8	76.6	176	48.9
32440	-11.7	76.2	176	38.0
32450	-17.6	75.9	177	31.6
32460	-17.2	75.6	177	24.2
32470	-13.0	75.4	177	24.2
32480	-9.5	75.2	177	18.6
32490	-8.9	75.0	177	16.2
32500	-11.8	74.9	178	11.7
32510	-16.0	74.8	178	10.1
32520	-19.0	74.7	178	4.2
32530	-21.4	74.7	178	-1.0
32540	-24.7	74.8	178	-4.2
32550	-27.4	74.9	178	-11.1
32560	-28.9	75.0	177	-18.3
32570	-29.3	75.3	177	-23.6
32580	-29.4	75.6	177	-30.8
32590	-29.3	76.0	176	-46.5
32600	-28.7	76.5	176	-50.3
32610	-27.7	77.0	175	-58.0
32620	-27.8	77.7	175	-59.3
32630	-28.6	78.4	174	-80.3
32640	-29.7	79.2	173	-80.3
32650	-30.4	80.0	172	-79.8
32660	-30.4	81.0	171	-106.2
32670	-30.0	82.1	170	-115.2
32680	-29.0	83.2	169	-124.0
32690	-28.3	84.4	168	-132.3
32700	-27.4	85.6	167	-140.5
32710	-27.4	86.9	166	-134.9
32720	-27.8	88.4	164	-142.9
32730	-28.5	89.8	163	-149.8
32740	-29.0	91.4	161	-157.8
32750	-28.9	93.0	159	-165.8
32760	-29.2	94.7	158	-173.3
32770	-28.6	96.5	156	-181.2
32780	-27.0	98.4	154	-188.4
32790	-24.1	100.4	152	-195.6
32800	-21.6	102.4	150	-202.0
32810	-20.1	104.4	148	-207.6
32820	-20.6	106.5	146	-212.4
32830	-22.1	108.7	144	-217.5
32840	-21.8	110.9	142	-222.8
32850	-20.1	113.2	139	-228.1
32860	-17.9	115.5	137	-232.9
32870	-15.7	117.8	135	-236.9
32880	-13.6	120.2	132	-240.1

32890	-12.5	122.7	130	-242.7
32900	-13.3	125.1	127	-245.7
32910	-14.2	127.6	125	-248.3
32920	-13.7	130.1	122	-251.3
32930	-12.9	132.6	120	-254.5
32940	-12.5	135.2	117	-257.1
32950	-11.4	137.8	115	-259.3
32960	-10.6	140.4	112	-261.4
32970	-11.4	143.0	109	-263.5
32980	-12.3	145.7	107	-265.6
32990	-11.5	148.4	104	-268.0
33000	-10.8	151.1	101	-270.2
33010	-10.4	153.8	99	-272.3
33020	-9.1	156.5	96	-274.2
33030	-7.2	159.3	93	-275.2
33040	-7.7	162.0	90	-276.0
33050	-8.5	164.8	88	-277.1
33060	-8.5	167.6	85	-277.9
33070	-8.3	170.4	82	-279.0
33080	-7.5	173.2	79	-279.8
33090	-6.0	176.0	76	-280.8
33100	-5.3	178.8	74	-281.1
33110	-5.3	181.6	71	-281.3
33120	-5.4	184.4	68	-281.3
33130	-5.8	187.2	65	-281.6
33140	-5.2	190.0	62	-282.1
33150	-3.7	192.9	60	-282.1
33160	-3.1	195.7	57	-282.1
33170	-3.1	198.5	54	-282.1
33180	-3.1	201.3	51	-281.1
33190	-3.1	204.1	48	-280.5
33200	-3.1	206.9	46	-280.0
33210	-3.1	209.7	43	-280.0
33220	-3.0	212.5	40	-279.5
33230	-3.0	215.3	37	-279.0
33240	-2.7	218.1	34	-278.4
33250	-1.9	220.9	32	-277.9
33260	1.5	223.7	29	-276.8
33270	4.3	226.4	26	-274.4
33280	4.5	229.1	23	-271.8
33290	2.0	231.8	21	-269.4
33300	-0.5	234.5	18	-267.8
33310	-0.9	237.2	15	-266.7
33320	0.0	239.9	13	-265.6
33330	2.3	242.5	10	-264.0
33340	4.7	245.1	7	-261.6
33350	5.8	247.7	5	-258.7
33360	4.7	250.3	2	-255.8
33370	3.3	252.8	0	-253.4
33380	2.7	255.3	-3	-251.0
33390	2.8	257.8	-5	-249.1
33400	3.8	260.3	-8	-247.0
33410	-0.1	262.6	-10	-230.2
33420	-6.8	264.6	-12	-202.0

33430	-36.3	266.1	-14	-150.1
33440	-63.2	267.4	-15	-122.9
33450	-64.7	268.5	-16	-99.0
33460	-45.6	269.3	-17	-69.7
33470	-19.4	269.9	-17	-60.1
33480	2.0	270.4	-18	-50.3
33490	0.7	270.8	-18	-35.9
33500	3.8	271.1	-19	-31.4
33510	10.7	271.3	-19	-21.8
33520	13.2	271.5	-19	-18.1
33530	11.4	271.7	-19	-12.5
33540	9.4	271.8	-19	-10.6
33550	10.6	271.8	-19	-6.9
33560	13.3	271.9	-19	-2.9
33570	16.0	271.9	-19	0.7
33580	17.6	271.9	-19	2.3
33590	15.9	271.8	-19	7.9
33600	11.7	271.7	-19	11.9
33610	8.1	271.6	-19	15.7
33620	8.1	271.4	-19	18.1
33630	12.7	271.2	-19	20.7
33640	18.4	271.0	-19	22.3
33650	22.1	270.8	-18	27.4
33660	22.4	270.4	-18	29.8
33670	19.7	270.0	-18	43.1
33680	16.7	269.6	-17	44.4
33690	15.3	269.2	-17	43.9
33700	16.5	268.6	-16	52.7
33710	18.7	268.0	-16	63.0
33720	19.8	267.4	-15	68.4
33730	18.2	266.8	-14	67.3
33740	15.5	266.1	-14	64.9
33750	13.6	265.3	-13	83.5
33760	13.3	264.5	-12	87.3
33770	14.9	263.7	-11	91.3
33780	17.0	262.8	-10	95.3
33790	17.9	261.9	-9	100.3
33800	17.2	261.0	-9	105.1
33810	14.9	260.0	-8	110.2
33820	12.6	259.0	-7	103.8
33830	11.5	257.9	-5	107.2
33840	11.8	256.8	-4	109.9
33850	13.3	255.7	-3	113.4
33860	15.1	254.5	-2	116.8
33870	15.9	253.3	-1	120.8
33880	15.5	252.1	0	124.8
33890	15.1	250.8	2	128.8
33900	13.8	249.5	3	132.5
33910	12.9	248.1	4	136.0
33920	12.1	246.8	6	139.2
33930	12.2	245.3	7	142.1
33940	12.7	243.9	9	145.3
33950	12.5	242.4	10	148.2
33960	12.2	240.9	12	150.9

33970	10.4	239.4	13	153.6
33980	9.2	237.8	15	156.0
33990	8.5	236.3	16	158.1
34000	8.8	234.7	18	159.7
34010	9.2	233.1	19	162.1
34020	9.2	231.4	21	163.7
34030	8.4	229.8	23	165.5
34040	6.5	228.1	24	167.1
34050	6.0	226.4	26	168.5
34060	6.1	224.7	28	169.5
34070	6.8	223.0	29	170.6
34080	6.8	221.3	31	171.7
34090	6.4	219.6	33	173.0
34100	6.1	217.8	35	173.5
34110	5.4	216.1	36	174.6
34120	6.1	214.4	38	175.7
34130	6.6	212.6	40	176.5
34140	6.4	210.8	42	177.5
34150	5.7	209.0	43	178.9
34160	5.2	207.2	45	179.7
34170	5.3	205.4	47	180.2
34180	6.0	203.6	49	180.7
34190	6.4	201.8	51	181.8
34200	5.7	200.0	52	182.6
34210	3.9	198.2	54	183.6
34220	3.0	196.3	56	183.9
34230	3.5	194.5	58	183.6
34240	5.2	192.6	60	183.9
34250	6.9	190.8	62	184.7
34260	6.8	188.9	64	185.8
34270	5.4	187.1	65	187.1
34280	3.4	185.2	67	187.4
34290	2.7	183.3	69	187.4
34300	2.7	181.4	71	187.6
34310	2.6	179.6	73	187.6
34320	3.4	177.7	75	187.4
34330	4.6	175.8	77	187.4
34340	5.7	173.9	79	187.9
34350	5.8	172.1	80	188.7
34360	4.5	170.2	82	189.8
34370	3.7	168.3	84	190.0
34380	3.3	166.4	86	190.3
34390	3.7	164.4	88	190.6
34400	3.8	162.5	90	190.3
34410	4.6	160.6	92	190.8
34420	4.9	158.7	94	191.4
34430	4.3	156.8	96	191.9
34440	3.7	154.9	98	191.9
34450	3.4	153.0	99	192.2
34460	3.7	151.0	101	192.2
34470	4.2	149.1	103	192.4
34480	5.0	147.2	105	192.7
34490	4.9	145.3	107	193.5
34500	4.5	143.3	109	194.0

34510	4.3	141.4	111	194.3
34520	4.3	139.4	113	194.8
34530	4.7	137.5	115	195.4
34540	4.6	135.5	117	195.9
34550	4.9	133.6	119	196.2
34560	4.7	131.6	121	196.7
34570	4.3	129.6	123	197.2
34580	4.1	127.7	125	197.2
34590	3.4	125.7	127	197.8
34600	3.1	123.7	129	197.8
34610	3.1	121.7	131	197.8
34620	3.3	119.7	133	197.8
34630	3.4	117.8	135	197.8
34640	3.3	115.8	137	198.0
34650	2.7	113.8	139	198.0
34660	2.6	111.8	141	197.5
34670	2.3	109.9	143	197.5
34680	2.3	107.9	145	197.5
34690	2.2	105.9	147	197.2
34700	1.9	103.9	149	196.7
34710	1.6	102.0	150	196.4
34720	-0.9	100.0	152	195.6
34730	-4.2	98.1	154	193.8
34740	-4.3	96.1	156	191.6
34750	-2.2	94.2	158	189.8
34760	-0.4	92.4	160	188.4
34770	0.4	90.5	162	187.4
34780	0.0	88.6	164	186.6
34790	-2.2	86.8	166	185.2
34800	-4.2	84.9	168	183.9
34810	1.5	83.3	169	167.1
34820	6.2	81.7	171	156.5
34830	24.0	80.5	172	122.7
34840	37.6	79.4	173	105.9
34850	30.5	78.4	174	89.1
34860	13.4	77.7	175	75.6
34870	-1.1	77.0	175	62.5
34880	-0.9	76.5	176	52.9
34890	-7.7	76.0	176	44.1
34900	-15.5	75.6	177	39.9
34910	-16.3	75.3	177	30.3
34920	-14.2	75.0	177	23.1
34930	-12.2	74.8	178	24.2
34940	-12.6	74.6	178	18.9
34950	-15.5	74.5	178	13.3
34960	-17.6	74.3	178	10.9
34970	-18.8	74.3	178	5.0
34980	-20.1	74.3	178	-0.5
34990	-22.5	74.3	178	-3.1
35000	-25.9	74.4	178	-10.3
35010	-29.2	74.5	178	-18.1
35020	-31.5	74.7	178	-24.2
35030	-33.1	75.0	177	-29.2
35040	-33.0	75.5	177	-45.7

35050	-31.9	75.9	177	-50.3
35060	-30.2	76.5	176	-53.2
35070	-27.9	77.2	175	-74.0
35080	-26.6	77.9	175	-74.5
35090	-26.0	78.7	174	-81.4
35100	-26.2	79.5	173	-79.8
35110	-26.0	80.5	172	-105.1
35120	-26.6	81.5	171	-112.3
35130	-26.4	82.6	170	-120.3
35140	-26.6	83.7	169	-127.7
35150	-26.2	85.0	167	-135.5
35160	-25.0	86.2	166	-130.1
35170	-23.7	87.6	165	-137.1
35180	-22.6	89.0	163	-143.2
35190	-22.8	90.5	162	-149.6
35200	-22.9	92.0	160	-155.2
35210	-23.3	93.6	159	-161.5
35220	-24.3	95.3	157	-167.4
35230	-24.5	97.0	155	-173.8
35240	-23.7	98.8	154	-180.4
35250	-21.4	100.7	152	-186.0
35260	-18.8	102.6	150	-191.6
35270	-17.1	104.5	148	-196.7
35280	-17.1	106.5	146	-200.1
35290	-18.4	108.5	144	-204.4
35300	-18.7	110.6	142	-208.9
35310	-17.8	112.7	140	-213.2
35320	-16.8	114.9	138	-217.5
35330	-16.0	117.1	135	-221.2
35340	-15.3	119.3	133	-224.4
35350	-14.1	121.6	131	-228.1
35360	-13.3	123.9	129	-231.0
35370	-13.7	126.3	126	-234.5
35380	-14.0	128.6	124	-237.4
35390	-13.6	131.0	121	-239.8
35400	-13.6	133.4	119	-242.7
35410	-13.6	135.9	117	-245.4
35420	-12.5	138.4	114	-248.3
35430	-11.9	140.9	112	-250.5
35440	-13.3	143.4	109	-253.1
35450	-14.1	145.9	107	-255.5
35460	-13.3	148.5	104	-258.2
35470	-12.6	151.1	101	-260.6
35480	-12.3	153.7	99	-263.2
35490	-11.7	156.4	96	-265.4
35500	-10.6	159.1	93	-267.2
35510	-11.9	161.8	91	-269.1
35520	-13.3	164.5	88	-271.5
35530	-13.3	167.2	85	-273.9
35540	-12.2	170.0	82	-276.3
35550	-11.1	172.7	80	-278.4
35560	-9.8	175.5	77	-280.0
35570	-9.2	178.4	74	-281.9
35580	-9.6	181.2	71	-283.7

35590	-9.6	184.0	68	-285.1
35600	-9.8	186.9	66	-286.9
35610	-8.9	189.8	63	-288.8
35620	-6.6	192.7	60	-289.9
35630	-5.6	195.6	57	-290.7
35640	-7.9	198.5	54	-290.7
35650	-9.6	201.4	51	-290.7
35660	-11.0	204.3	48	-290.7
35670	-10.2	207.2	45	-291.2
35680	-7.5	210.1	42	-290.7
35690	-4.9	213.0	39	-290.4
35700	-4.3	215.9	37	-290.1
35710	-4.6	218.8	34	-290.1
35720	-4.7	221.7	31	-289.9
35730	-5.2	224.6	28	-289.9
35740	-4.5	227.5	25	-289.9
35750	-3.7	230.4	22	-290.1
35760	-3.4	233.3	19	-289.3
35770	-3.4	236.2	16	-289.1
35780	-3.1	239.1	13	-288.5
35790	-3.0	242.0	10	-288.3
35800	-2.8	244.9	8	-288.0
35810	-2.6	247.8	5	-287.2
35820	-1.2	250.6	2	-286.4
35830	5.2	253.5	-1	-284.8
35840	9.6	256.3	-4	-281.3
35850	7.3	259.1	-7	-276.8
35860	2.3	261.8	-9	-272.0
35870	-4.9	264.1	-12	-223.3
35880	-40.3	265.9	-13	-176.2
35890	-78.8	267.5	-15	-153.8
35900	-89.6	268.6	-16	-110.7
35910	-73.2	269.5	-17	-84.3
35920	-41.0	270.2	-18	-69.2
35930	-13.3	270.7	-18	-46.5
35940	0.8	271.1	-19	-37.2
35950	0.9	271.3	-19	-26.3
35960	5.8	271.6	-19	-19.9
35970	11.5	271.7	-19	-14.9
35980	10.8	271.8	-19	-11.9
35990	9.4	271.9	-19	-7.4
36000	8.7	272.0	-20	-5.5
36010	11.3	272.0	-20	-2.3
36020	14.6	272.0	-20	1.0
36030	17.8	272.0	-20	2.3
36040	18.2	271.9	-19	7.7
36050	15.7	271.8	-19	11.1
36060	11.9	271.7	-19	14.3
36070	9.5	271.5	-19	19.4
36080	9.6	271.3	-19	21.8
36090	12.5	271.0	-19	27.1
36100	15.9	270.8	-18	27.9
36110	18.2	270.4	-18	32.2
36120	18.0	270.1	-18	33.5

36130	15.9	269.7	-17	46.3
36140	13.4	269.2	-17	46.0
36150	12.9	268.7	-16	44.7
36160	14.5	268.2	-16	47.9
36170	17.0	267.6	-15	62.5
36180	18.3	267.0	-15	67.6
36190	17.4	266.4	-14	66.2
36200	15.9	265.7	-13	63.8
36210	14.9	264.9	-12	82.2
36220	15.1	264.2	-12	86.5
36230	16.0	263.3	-11	90.7
36240	17.5	262.5	-10	95.3
36250	18.4	261.6	-9	100.3
36260	18.0	260.6	-8	105.9
36270	17.0	259.6	-7	100.8
36280	15.7	258.6	-6	105.4
36290	14.6	257.5	-5	109.6
36300	14.4	256.4	-4	113.6
36310	14.5	255.2	-3	117.4
36320	14.9	254.0	-2	121.1
36330	15.1	252.8	0	124.8
36340	15.1	251.5	1	128.8
36350	15.1	250.2	2	132.5
36360	14.5	248.8	4	136.5
36370	13.3	247.4	5	140.0
36380	12.7	246.0	6	143.2
36390	12.2	244.5	8	146.4
36400	12.1	243.1	9	149.3
36410	11.8	241.5	11	152.2
36420	11.5	240.0	12	154.9
36430	11.4	238.4	14	157.8
36440	10.8	236.8	16	160.2
36450	10.6	235.2	17	162.6
36460	9.8	233.6	19	165.0
36470	9.5	231.9	21	166.9
36480	9.2	230.2	22	169.3
36490	8.5	228.5	24	170.9
36500	8.3	226.8	26	172.7
36510	8.1	225.0	27	174.3
36520	8.1	223.3	29	175.9
36530	8.0	221.5	31	177.3
36540	7.6	219.7	33	179.1
36550	7.2	217.9	35	180.2
36560	6.5	216.1	36	181.5
36570	6.5	214.3	38	182.8
36580	6.4	212.5	40	183.9
36590	5.4	210.6	42	185.0
36600	4.7	208.8	44	185.8
36610	4.5	206.9	46	186.3
36620	4.6	205.0	47	186.3
36630	4.9	203.2	49	187.1
36640	4.9	201.3	51	187.6
36650	3.9	199.4	53	187.9
36660	2.7	197.5	55	188.2

36670	2.6	195.6	57	188.2
36680	2.3	193.8	59	188.2
36690	2.4	191.9	61	187.9
36700	2.3	190.0	62	187.6
36710	2.4	188.1	64	187.4
36720	2.4	186.3	66	187.4
36730	2.4	184.4	68	187.1
36740	2.7	182.5	70	187.1
36750	2.6	180.6	72	187.1
36760	2.6	178.8	74	186.8
36770	2.3	176.9	76	186.6
36780	2.2	175.0	77	186.3
36790	2.0	173.2	79	186.0
36800	2.0	171.3	81	185.8
36810	1.9	169.5	83	185.8
36820	1.8	167.6	85	185.2
36830	1.5	165.8	87	185.0
36840	-1.1	163.9	89	184.2
36850	-4.3	162.1	90	182.6
36860	-3.3	160.3	92	180.7
36870	-0.1	158.5	94	179.1
36880	2.6	156.7	96	178.3
36890	2.6	154.9	98	178.1
36900	2.3	153.1	99	178.1
36910	2.3	151.4	101	178.1
36920	2.2	149.6	103	177.8
36930	2.2	147.8	105	177.8
36940	2.0	146.0	106	177.5
36950	2.0	144.2	108	177.0
36960	2.0	142.5	110	176.7
36970	2.0	140.7	112	176.7
36980	1.9	138.9	114	176.5
36990	1.9	137.2	115	176.2
37000	1.9	135.4	117	176.2
37010	2.0	133.7	119	175.7
37020	2.0	131.9	121	175.4
37030	2.2	130.2	122	175.1
37040	2.2	128.4	124	175.1
37050	2.0	126.6	126	175.1
37060	1.8	124.9	128	174.6
37070	1.6	123.2	129	174.3
37080	0.8	121.4	131	174.1
37090	0.4	119.7	133	173.3
37100	0.8	118.0	134	172.5
37110	1.5	116.2	136	171.9
37120	1.6	114.5	138	171.7
37130	1.2	112.8	140	171.4
37140	0.0	111.1	141	170.6
37150	-0.9	109.4	143	169.8
37160	-0.8	107.7	145	168.5
37170	0.0	106.0	146	167.4
37180	0.3	104.4	148	166.6
37190	0.0	102.7	150	166.1
37200	-0.4	101.0	151	165.0

37210	-0.8	99.4	153	164.2
37220	-0.3	97.8	155	163.4
37230	0.1	96.1	156	162.6
37240	-0.3	94.5	158	161.5
37250	-1.1	92.9	160	161.0
37260	-1.9	91.3	161	159.7
37270	-1.6	89.7	163	158.6
37280	-0.8	88.1	164	157.3
37290	-0.8	86.6	166	156.2
37300	-1.2	85.0	167	154.9
37310	2.0	83.6	169	157.6
37320	3.7	82.3	170	125.9
37330	17.6	81.2	171	99.5
37340	33.0	80.2	172	98.5
37350	31.5	79.2	173	94.2
37360	20.5	78.5	174	74.2
37370	7.9	77.8	175	63.8
37380	0.4	77.3	175	55.3
37390	0.1	76.8	176	47.9
37400	0.5	76.3	176	45.7
37410	0.3	76.0	176	36.4
37420	0.1	75.6	177	34.8
37430	-0.4	75.3	177	28.2
37440	-3.5	75.1	177	24.2
37450	-8.8	74.9	178	20.4
37460	-11.3	74.7	178	15.4
37470	-12.2	74.5	178	14.9
37480	-12.5	74.4	178	10.1
37490	-13.6	74.4	178	5.8
37500	-16.4	74.3	178	2.3
37510	-21.6	74.3	178	-1.3
37520	-27.1	74.4	178	-7.1
37530	-30.0	74.5	178	-13.0
37540	-30.9	74.7	178	-19.1
37550	-29.8	74.9	178	-26.3
37560	-28.5	75.3	177	-37.2
37570	-28.5	75.8	177	-49.7
37580	-30.0	76.2	176	-52.9
37590	-32.0	76.8	176	-55.3
37600	-32.8	77.6	175	-77.2
37610	-32.7	78.3	174	-78.5
37620	-31.5	79.1	173	-78.5
37630	-30.5	80.1	172	-105.6
37640	-30.2	81.1	171	-113.9
37650	-30.1	82.2	170	-111.8
37660	-30.0	83.4	169	-107.5
37670	-29.8	84.6	168	-114.7
37680	-29.4	86.0	166	-135.5
37690	-29.6	87.4	165	-143.4
37700	-30.8	88.9	164	-151.4
37710	-31.6	90.5	162	-160.0
37720	-31.5	92.2	160	-168.2
37730	-30.2	93.9	159	-176.7
37740	-28.7	95.7	157	-184.4

37750	-27.7	97.6	155	-191.9
37760	-25.8	99.6	153	-199.4
37770	-23.9	101.7	151	-206.0
37780	-22.2	103.8	149	-211.9
37790	-22.2	105.9	147	-217.5
37800	-23.6	108.1	144	-223.0
37810	-23.6	110.4	142	-229.2
37820	-21.7	112.8	140	-235.0
37830	-19.3	115.2	137	-240.1
37840	-17.4	117.6	135	-244.6
37850	-15.2	120.1	132	-248.3
37860	-14.1	122.6	130	-252.1
37870	-15.2	125.1	127	-255.0
37880	-16.1	127.7	125	-258.2
37890	-15.9	130.3	122	-261.6
37900	-14.9	132.9	120	-265.1
37910	-14.0	135.6	117	-268.6
37920	-12.2	138.3	114	-271.2
37930	-11.7	141.1	111	-273.4
37940	-13.4	143.8	109	-275.8
37950	-14.8	146.6	106	-278.7
37960	-14.1	149.4	103	-281.1
37970	-14.1	152.2	100	-283.7
37980	-13.2	155.1	97	-286.7
37990	-10.4	158.0	94	-288.5
38000	-10.3	160.9	92	-290.1
38010	-12.1	163.8	89	-290.9
38020	-14.1	166.7	86	-291.2
38030	-15.6	169.6	83	-291.2
38040	-15.9	172.5	80	-291.5
38050	-13.8	175.4	77	-290.9
38060	-11.1	178.3	74	-291.5
38070	-9.8	181.3	71	-290.7
38080	-8.7	184.2	68	-290.9
38090	-8.9	187.1	65	-290.7
38100	-8.8	190.0	62	-290.9
38110	-7.3	192.9	60	-290.9
38120	-6.4	195.8	57	-290.7
38130	-7.9	198.7	54	-290.4
38140	-8.1	201.6	51	-290.7
38150	-8.8	204.5	48	-290.7
38160	-8.7	207.4	45	-290.4
38170	-6.4	210.3	42	-290.7
38180	-4.5	213.2	39	-290.4
38190	-4.2	216.1	36	-290.1
38200	-4.2	219.0	33	-290.1
38210	-4.1	221.9	31	-289.6
38220	-4.2	224.8	28	-289.9
38230	-3.8	227.7	25	-289.6
38240	-3.4	230.6	22	-289.1
38250	-3.1	233.5	19	-288.8
38260	-3.1	236.4	16	-288.0
38270	-3.0	239.3	13	-288.0
38280	-2.8	242.1	10	-287.7

38290	-2.6	245.0	7	-286.7
38300	0.8	247.9	5	-285.6
38310	6.5	250.7	2	-283.5
38320	9.1	253.5	-1	-280.0
38330	6.2	256.3	-4	-275.8
38340	2.8	259.0	-7	-273.1
38350	1.8	261.6	-9	-242.5
38360	-4.1	264.0	-12	-222.0
38370	-37.7	265.9	-13	-191.4
38380	-75.9	267.3	-15	-140.2
38390	-84.5	268.5	-16	-111.0
38400	-67.9	269.4	-17	-85.4
38410	-37.6	270.1	-18	-57.7
38420	-8.3	270.6	-18	-47.9
38430	1.2	271.0	-19	-38.8
38440	6.9	271.3	-19	-27.6
38450	17.5	271.5	-19	-21.8
38460	23.3	271.7	-19	-13.0
38470	19.8	271.8	-19	-6.3
38480	11.8	271.8	-19	-2.6
38490	8.1	271.8	-19	0.5
38500	11.7	271.8	-19	0.5
38510	16.1	271.8	-19	4.5
38520	18.4	271.7	-19	8.5
38530	17.6	271.6	-19	14.1
38540	14.4	271.4	-19	19.1
38550	11.4	271.2	-19	21.0
38560	9.6	271.0	-19	21.8
38570	11.0	270.7	-18	29.5
38580	14.8	270.4	-18	29.8
38590	18.8	270.1	-18	30.6
38600	20.9	269.7	-17	35.4
38610	19.9	269.3	-17	49.2
38620	17.8	268.8	-16	49.7
38630	16.0	268.3	-16	49.2
38640	15.6	267.7	-15	64.4
38650	16.4	267.1	-15	62.8
38660	17.6	266.4	-14	60.6
38670	18.7	265.7	-13	65.2
38680	19.1	265.0	-13	69.2
38690	19.0	264.2	-12	74.0
38700	18.8	263.3	-11	78.2
38710	19.0	262.4	-10	82.5
38720	19.3	261.4	-9	87.3
38730	19.1	260.4	-8	101.9
38740	18.6	259.3	-7	107.0
38750	17.9	258.2	-6	112.0
38760	17.1	257.1	-5	116.6
38770	16.4	255.9	-3	121.3
38780	16.0	254.6	-2	125.6
38790	15.5	253.3	-1	129.6
38800	14.9	252.0	0	133.6
38810	15.1	250.6	2	137.3
38820	15.7	249.2	3	141.3

38830	15.2	247.8	5	145.3
38840	14.6	246.3	6	148.8
38850	13.8	244.8	8	152.8
38860	13.0	243.2	9	156.0
38870	12.6	241.7	11	159.4
38880	12.3	240.0	12	161.8
38890	11.7	238.4	14	164.7
38900	11.5	236.7	16	167.4
38910	10.8	235.0	17	169.8
38920	10.0	233.3	19	172.5
38930	9.5	231.6	21	174.3
38940	8.8	229.8	23	176.2
38950	7.9	228.0	24	178.1
38960	7.1	226.3	26	179.7
38970	7.2	224.4	28	181.0
38980	7.1	222.6	30	182.0
38990	6.5	220.8	32	183.4
39000	6.2	219.0	33	184.4
39010	5.8	217.1	35	185.2
39020	6.0	215.2	37	185.8
39030	6.6	213.4	39	187.1
39040	6.8	211.5	41	187.9
39050	6.2	209.6	43	189.2
39060	5.8	207.7	45	190.0
39070	5.6	205.8	47	190.8
39080	5.7	203.9	49	191.9
39090	5.8	202.0	50	192.4
39100	5.6	200.0	52	193.2
39110	4.3	198.1	54	194.0
39120	3.8	196.2	56	194.3
39130	3.9	194.2	58	194.3
39140	4.1	192.3	60	194.8
39150	4.1	190.3	62	195.1
39160	3.8	188.4	64	195.4
39170	4.1	186.4	66	195.4
39180	4.3	184.4	68	195.6
39190	4.7	182.5	70	196.2
39200	4.3	180.5	72	196.7
39210	4.2	178.5	74	197.0
39220	4.6	176.6	76	197.2
39230	4.3	174.6	78	197.8
39240	4.1	172.6	80	198.0
39250	3.3	170.6	82	198.3
39260	3.0	168.7	84	198.3
39270	3.0	166.7	86	198.3
39280	3.3	164.7	88	198.3
39290	3.4	162.7	90	198.3
39300	3.5	160.7	92	198.3
39310	3.4	158.7	94	198.6
39320	3.0	156.7	96	198.3
39330	2.8	154.8	98	198.6
39340	2.8	152.8	100	198.6
39350	3.1	150.8	102	198.0
39360	3.1	148.8	104	198.6

39370	3.3	146.8	106	198.3
39380	2.8	144.8	108	198.6
39390	2.7	142.9	110	198.3
39400	2.4	140.9	112	198.0
39410	2.3	138.9	114	198.0
39420	2.3	136.9	116	197.8
39430	2.3	134.9	118	197.5
39440	2.3	133.0	119	197.2
39450	2.2	131.0	121	197.0
39460	2.2	129.0	123	196.4
39470	2.2	127.1	125	196.4
39480	2.0	125.1	127	196.2
39490	1.9	123.1	129	195.6
39500	0.8	121.2	131	195.1
39510	-1.8	119.2	133	194.0
39520	-3.1	117.3	135	192.4
39530	-1.5	115.4	137	190.8
39540	0.5	113.5	139	189.8
39550	0.8	111.6	141	189.2
39560	0.0	109.7	143	188.2
39570	-1.4	107.9	145	187.4
39580	-2.2	106.0	146	186.0
39590	-2.4	104.1	148	183.9
39600	-2.2	102.3	150	182.3
39610	-0.9	100.5	152	180.7
39620	-0.7	98.7	154	179.4
39630	-0.8	96.9	156	178.3
39640	-2.2	95.1	157	177.3
39650	-3.9	93.4	159	175.7
39660	-4.6	91.6	161	173.5
39670	-3.8	89.9	163	171.4
39680	-2.6	88.2	164	169.5
39690	-2.8	86.5	166	167.7
39700	-4.5	85.0	167	149.3
39710	-0.7	83.4	169	135.5
39720	2.6	82.0	170	130.9
39730	10.0	80.9	172	113.9
39740	21.2	79.8	173	89.1
39750	20.9	78.9	174	85.9
39760	9.8	78.2	174	74.2
39770	-0.7	77.5	175	63.0
39780	-1.9	76.9	176	54.0
39790	-14.1	76.5	176	40.9
39800	-24.7	76.1	176	37.0
39810	-26.4	75.7	177	32.7
39820	-21.8	75.5	177	22.8
39830	-15.2	75.3	177	15.7
39840	-12.1	75.2	177	15.1
39850	-14.8	75.1	177	10.3
39860	-20.9	75.0	177	5.5
39870	-25.5	75.0	177	-1.0
39880	-30.0	75.0	177	-5.5
39890	-30.5	75.1	177	-13.8
39900	-28.9	75.3	177	-21.2

39910	-28.1	75.6	177	-26.6
39920	-29.8	75.9	177	-33.2
39930	-33.8	76.4	176	-50.0
39940	-37.4	76.9	176	-54.8
39950	-38.6	77.5	175	-58.5
39960	-36.9	78.2	174	-75.0
39970	-32.8	79.1	173	-93.4
39980	-29.6	80.0	172	-101.9
39990	-29.3	81.0	171	-111.8
40000	-31.5	82.0	170	-109.4
40010	-34.2	83.2	169	-105.9
40020	-36.2	84.5	168	-139.2
40030	-35.0	85.8	167	-149.8
40040	-32.7	87.3	165	-145.8
40050	-30.1	88.8	164	-154.6
40060	-28.9	90.4	162	-162.6
40070	-29.3	92.1	160	-170.3
40080	-29.8	93.9	159	-178.6
40090	-30.9	95.7	157	-186.3
40100	-31.3	97.6	155	-194.3
40110	-29.8	99.6	153	-202.8
40120	-27.3	101.7	151	-210.5
40130	-25.0	103.9	149	-217.2
40140	-23.9	106.1	146	-223.6
40150	-24.3	108.4	144	-229.7
40160	-23.2	110.7	142	-236.1
40170	-20.9	113.1	139	-241.1
40180	-19.1	115.6	137	-246.2
40190	-17.6	118.1	134	-250.7
40200	-16.4	120.6	132	-254.7
40210	-16.4	123.2	129	-258.5
40220	-17.5	125.8	127	-261.9
40230	-17.9	128.4	124	-265.6
40240	-16.4	131.1	121	-269.4
40250	-14.5	133.8	119	-273.1
40260	-12.5	136.6	116	-275.8
40270	-10.7	139.4	113	-277.9
40280	-10.7	142.2	110	-279.8
40290	-13.3	145.0	107	-282.1
40300	-14.1	147.8	105	-284.5
40310	-14.1	150.7	102	-287.2
40320	-13.0	153.6	99	-290.4
40330	-11.3	156.5	96	-291.2
40340	-10.7	159.4	93	-290.9
40350	-13.2	162.3	90	-290.9
40360	-15.3	165.2	87	-291.2
40370	-16.1	168.1	84	-291.5
40380	-16.1	171.1	81	-291.5
40390	-14.4	174.0	78	-291.5
40400	-12.3	176.9	76	-291.2
40410	-11.3	179.8	73	-290.9
40420	-10.4	182.7	70	-290.9
40430	-10.4	185.6	67	-290.4
40440	-10.7	188.5	64	-290.7

40450	-9.1	191.4	61	-290.7
40460	-7.1	194.3	58	-290.7
40470	-6.9	197.2	55	-290.7
40480	-7.1	200.1	52	-290.4
40490	-7.5	203.1	49	-290.7
40500	-7.9	206.0	46	-290.7
40510	-6.4	208.9	44	-290.9
40520	-3.9	211.8	41	-290.7
40530	-3.7	214.7	38	-290.4
40540	-3.4	217.6	35	-290.1
40550	-3.4	220.5	32	-289.3
40560	-3.3	223.4	29	-288.8
40570	-3.3	226.2	26	-288.3
40580	-3.0	229.1	23	-288.0
40590	-2.8	232.0	20	-287.7
40600	-2.7	234.9	18	-287.2
40610	-1.9	237.7	15	-286.7
40620	2.6	240.6	12	-285.3
40630	7.2	243.4	9	-282.1
40640	6.6	246.2	6	-279.0
40650	3.3	249.0	3	-276.0
40660	0.7	251.7	1	-274.2
40670	1.8	254.5	-2	-272.6
40680	4.5	257.2	-5	-270.7
40690	6.8	259.9	-7	-267.5
40700	4.3	262.3	-10	-232.4
40710	-4.7	264.5	-12	-203.3
40720	-35.8	266.3	-14	-160.2
40730	-68.5	267.6	-15	-130.1
40740	-73.5	268.7	-16	-103.0
40750	-53.6	269.5	-17	-79.6
40760	-25.5	270.2	-18	-53.7
40770	0.0	270.7	-18	-44.4
40780	1.9	271.0	-19	-30.6
40790	11.5	271.3	-19	-26.0
40800	22.6	271.5	-19	-16.2
40810	23.1	271.6	-19	-11.4
40820	15.5	271.7	-19	-4.5
40830	6.2	271.7	-19	-1.3
40840	5.8	271.7	-19	0.0
40850	11.8	271.7	-19	0.0
40860	18.2	271.7	-19	3.4
40870	19.8	271.6	-19	7.7
40880	17.0	271.5	-19	13.5
40890	11.9	271.3	-19	16.2
40900	8.7	271.1	-19	21.2
40910	8.5	270.9	-18	25.8
40920	10.8	270.6	-18	25.8
40930	14.4	270.4	-18	28.7
40940	17.1	270.0	-18	29.5
40950	17.4	269.7	-17	33.5
40960	15.9	269.3	-17	46.3
40970	13.8	268.8	-16	46.0
40980	13.0	268.3	-16	44.7

40990	13.8	267.8	-15	58.3
41000	15.1	267.2	-15	61.4
41010	16.0	266.6	-14	66.8
41020	15.9	266.0	-14	64.9
41030	16.1	265.4	-13	62.2
41040	16.1	264.6	-12	65.7
41050	15.5	263.9	-11	69.7
41060	15.1	263.0	-11	89.7
41070	14.8	262.2	-10	93.7
41080	15.6	261.3	-9	98.2
41090	16.1	260.4	-8	102.7
41100	16.7	259.4	-7	97.4
41110	16.4	258.4	-6	102.2
41120	15.1	257.3	-5	106.2
41130	14.1	256.2	-4	110.2
41140	14.0	255.1	-3	113.9
41150	14.6	253.9	-1	117.6
41160	15.6	252.7	0	121.6
41170	16.0	251.5	1	125.9
41180	16.4	250.2	2	129.9
41190	15.9	248.9	4	133.9
41200	14.6	247.5	5	137.9
41210	13.6	246.1	6	141.3
41220	12.9	244.7	8	145.0
41230	12.2	243.2	9	148.0
41240	12.3	241.7	11	151.2
41250	12.6	240.1	12	153.8
41260	12.2	238.6	14	157.3
41270	11.7	237.0	15	160.0
41280	11.3	235.4	17	162.6
41290	10.3	233.7	19	165.3
41300	10.0	232.1	20	167.4
41310	9.9	230.4	22	169.5
41320	9.6	228.7	24	171.7
41330	9.4	226.9	26	173.8
41340	9.6	225.2	27	175.7
41350	9.8	223.4	29	177.8
41360	9.4	221.6	31	179.7
41370	8.8	219.8	33	181.8
41380	7.9	218.0	34	183.6
41390	6.6	216.1	36	184.7
41400	6.5	214.3	38	185.8
41410	6.8	212.4	40	187.4
41420	6.5	210.5	42	188.2
41430	6.6	208.6	44	189.2
41440	6.6	206.7	46	190.6
41450	6.8	204.8	48	191.6
41460	7.1	202.9	50	192.7
41470	6.6	200.9	52	194.0
41480	5.4	199.0	53	195.1
41490	4.7	197.0	55	195.6
41500	5.3	195.1	57	195.9
41510	6.1	193.1	59	196.4
41520	6.4	191.1	61	197.8

41530	6.1	189.2	63	198.6
41540	5.8	187.2	65	199.4
41550	5.0	185.2	67	199.9
41560	4.7	183.2	69	200.4
41570	4.1	181.1	71	200.9
41580	3.3	179.1	73	201.2
41590	3.5	177.1	75	201.5
41600	4.2	175.1	77	201.5
41610	5.0	173.1	79	201.7
41620	5.0	171.1	81	202.3
41630	4.5	169.0	83	202.5
41640	4.5	167.0	85	202.8
41650	4.7	165.0	87	203.1
41660	4.6	163.0	89	203.6
41670	4.9	160.9	92	203.9
41680	5.2	158.9	94	204.4
41690	4.5	156.8	96	204.7
41700	4.1	154.8	98	205.2
41710	3.8	152.7	100	205.5
41720	4.2	150.7	102	205.5
41730	4.5	148.6	104	206.0
41740	4.7	146.5	106	206.3
41750	4.2	144.5	108	206.8
41760	3.8	142.4	110	207.1
41770	3.7	140.3	112	207.1
41780	3.5	138.3	114	207.1
41790	3.7	136.2	116	207.1
41800	3.9	134.1	118	207.3
41810	3.8	132.0	120	207.6
41820	3.4	130.0	122	207.6
41830	2.8	127.9	125	207.6
41840	2.6	125.8	127	207.3
41850	2.4	123.7	129	207.1
41860	2.3	121.7	131	206.8
41870	2.2	119.6	133	206.5
41880	2.2	117.6	135	206.0
41890	1.8	115.5	137	206.0
41900	-0.8	113.4	139	205.2
41910	-5.0	111.4	141	203.3
41920	-6.1	109.4	143	200.7
41930	-3.4	107.4	145	198.3
41940	-0.1	105.4	147	196.7
41950	0.1	103.5	149	195.6
41960	-0.9	101.5	151	194.6
41970	-3.1	99.6	153	193.2
41980	-4.3	97.7	155	191.1
41990	-4.3	95.8	157	189.0
42000	-4.2	93.9	159	186.6
42010	-4.3	92.0	160	184.7
42020	-5.0	90.2	162	182.0
42030	-6.4	88.4	164	179.7
42040	-9.4	86.6	166	176.7
42050	-13.2	84.9	168	172.5
42060	-10.7	83.4	169	155.7

42070	0.3	81.9	171	148.0
42080	2.4	80.8	172	117.1
42090	3.7	79.7	173	91.8
42100	8.7	78.8	174	87.0
42110	6.4	78.0	174	67.3
42120	-0.4	77.3	175	64.1
42130	-0.3	76.8	176	54.5
42140	-8.0	76.3	176	46.5
42150	-21.2	75.9	177	41.7
42160	-25.1	75.6	177	30.6
42170	-23.2	75.3	177	26.3
42180	-18.2	75.1	177	18.1
42190	-14.1	75.0	177	11.9
42200	-14.6	74.9	178	10.3
42210	-19.0	74.8	178	4.5
42220	-25.2	74.8	178	-1.0
42230	-31.1	74.8	178	-5.5
42240	-32.7	74.9	178	-13.0
42250	-31.3	75.1	177	-19.7
42260	-29.7	75.4	177	-27.1
42270	-30.1	75.8	177	-34.6
42280	-32.4	76.3	176	-51.3
42290	-34.7	76.8	176	-55.9
42300	-35.1	77.4	175	-58.8
42310	-32.7	78.1	174	-81.7
42320	-29.3	79.0	173	-91.3
42330	-26.8	79.8	173	-90.7
42340	-26.8	80.8	172	-87.8
42350	-28.6	81.8	171	-94.7
42360	-30.4	82.9	170	-101.9
42370	-30.8	84.1	168	-108.8
42380	-29.6	85.4	167	-129.1
42390	-28.6	86.8	166	-137.1
42400	-27.8	88.2	164	-145.0
42410	-28.1	89.7	163	-152.5
42420	-27.4	91.3	161	-160.0
42430	-26.8	92.9	160	-167.4
42440	-26.2	94.7	158	-174.6
42450	-26.0	96.5	156	-181.5
42460	-26.4	98.3	154	-187.9
42470	-25.9	100.3	152	-194.8
42480	-24.1	102.3	150	-201.7
42490	-21.7	104.3	148	-208.1
42500	-20.2	106.5	146	-213.2
42510	-20.2	108.6	144	-218.0
42520	-19.4	110.8	142	-223.0
42530	-18.6	113.1	139	-227.6
42540	-17.9	115.4	137	-231.6
42550	-17.0	117.8	135	-236.1
42560	-15.3	120.1	132	-239.8
42570	-13.8	122.6	130	-243.0
42580	-14.4	125.0	127	-246.2
42590	-14.9	127.5	125	-249.1
42600	-14.4	130.0	122	-252.1

42610	-13.3	132.6	120	-255.3
42620	-12.7	135.2	117	-257.9
42630	-11.5	137.8	115	-260.6
42640	-10.7	140.4	112	-263.0
42650	-12.1	143.0	109	-264.8
42660	-14.1	145.7	107	-267.2
42670	-13.8	148.4	104	-270.2
42680	-13.2	151.1	101	-273.1
42690	-11.8	153.9	99	-276.0
42700	-9.6	156.6	96	-277.9
42710	-8.1	159.4	93	-279.0
42720	-10.0	162.2	90	-280.0
42730	-12.1	165.0	87	-281.9
42740	-11.5	167.9	85	-284.3
42750	-10.3	170.7	82	-285.9
42760	-7.7	173.6	79	-287.2
42770	-6.0	176.5	76	-288.0
42780	-5.6	179.4	73	-288.5
42790	-6.2	182.3	70	-288.3
42800	-6.9	185.1	67	-288.8
42810	-7.3	188.0	64	-289.9
42820	-5.6	190.9	62	-290.1
42830	-3.8	193.8	59	-290.1
42840	-3.5	196.7	56	-290.1
42850	-3.5	199.6	53	-289.3
42860	-3.5	202.5	50	-289.1
42870	-3.8	205.4	47	-288.8
42880	-3.8	208.3	44	-288.3
42890	-3.1	211.2	41	-288.5
42900	-3.1	214.1	38	-288.0
42910	-2.8	216.9	36	-287.2
42920	-2.8	219.8	33	-286.9
42930	-2.2	222.7	30	-286.4
42940	2.7	225.5	27	-284.8
42950	10.0	228.4	24	-281.9
42960	10.6	231.1	21	-277.9
42970	4.9	233.9	19	-273.4
42980	-0.1	236.6	16	-271.0
42990	-1.1	239.3	13	-269.9
43000	1.2	242.0	10	-268.6
43010	5.6	244.7	8	-266.4
43020	9.5	247.3	5	-263.2
43030	11.5	249.9	3	-259.0
43040	11.4	252.5	0	-253.9
43050	10.6	255.0	-3	-249.1
43060	9.2	257.4	-5	-244.9
43070	8.7	259.9	-7	-240.9
43080	6.1	262.2	-10	-252.6
43090	-3.9	264.1	-12	-187.9
43100	-28.1	265.7	-13	-153.0
43110	-54.8	267.0	-15	-112.3
43120	-62.2	268.1	-16	-102.2
43130	-47.6	269.0	-17	-81.4
43140	-22.9	269.6	-17	-57.2

43150	-1.9	270.2	-18	-49.2
43160	0.4	270.6	-18	-35.1
43170	5.2	270.9	-18	-31.6
43180	18.6	271.2	-19	-26.0
43190	24.4	271.4	-19	-16.5
43200	21.3	271.5	-19	-10.6
43210	14.1	271.5	-19	-4.2
43220	9.4	271.5	-19	-0.7
43230	11.3	271.5	-19	0.0
43240	16.7	271.5	-19	2.6
43250	19.5	271.5	-19	6.3
43260	18.4	271.3	-19	11.1
43270	14.1	271.2	-19	17.0
43280	9.6	271.0	-19	23.1
43290	8.7	270.8	-18	23.4
43300	11.1	270.5	-18	26.0
43310	15.5	270.2	-18	26.3
43320	19.0	269.9	-17	30.6
43330	20.1	269.5	-17	34.8
43340	18.0	269.1	-17	39.6
43350	14.8	268.6	-16	52.9
43360	13.4	268.1	-16	52.4
43370	14.4	267.6	-15	50.3
43380	17.2	266.9	-14	66.0
43390	19.5	266.3	-14	71.0
43400	19.9	265.6	-13	76.6
43410	19.0	264.9	-12	82.5
43420	17.2	264.1	-12	79.8
43430	16.5	263.3	-11	75.8
43440	17.5	262.4	-10	80.9
43450	19.5	261.5	-9	84.1
43460	20.3	260.5	-8	88.6
43470	19.4	259.5	-7	103.5
43480	17.6	258.4	-6	109.1
43490	15.5	257.3	-5	113.4
43500	14.8	256.1	-4	117.4
43510	15.6	254.9	-2	121.3
43520	17.0	253.6	-1	125.6
43530	17.4	252.4	0	130.1
43540	17.4	251.0	1	134.7
43550	17.0	249.6	3	139.5
43560	15.7	248.2	4	143.7
43570	14.8	246.7	6	147.2
43580	14.5	245.2	7	151.2
43590	14.2	243.7	9	154.9
43600	14.0	242.1	10	158.1
43610	13.4	240.5	12	161.3
43620	12.2	238.9	14	164.5
43630	11.7	237.2	15	167.4
43640	11.5	235.5	17	170.1
43650	11.9	233.8	19	172.7
43660	12.3	232.1	20	175.4
43670	12.2	230.3	22	178.3
43680	11.0	228.5	24	180.7

43690	10.2	226.7	26	183.1
43700	10.0	224.8	28	185.2
43710	10.2	222.9	30	187.6
43720	9.6	221.0	31	189.5
43730	9.4	219.1	33	191.6
43740	8.8	217.2	35	193.8
43750	8.5	215.2	37	195.4
43760	9.1	213.3	39	197.0
43770	8.7	211.3	41	198.3
43780	7.2	209.3	43	200.1
43790	5.7	207.3	45	201.2
43800	4.9	205.3	47	201.5
43810	4.9	203.3	49	202.3
43820	5.7	201.2	51	202.8
43830	6.1	199.2	53	203.6
43840	6.1	197.2	55	204.4
43850	6.0	195.1	57	204.9
43860	5.2	193.0	59	206.0
43870	4.2	191.0	61	206.5
43880	3.5	188.9	64	206.8
43890	4.1	186.8	66	206.8
43900	4.5	184.8	68	207.1
43910	5.3	182.7	70	207.3
43920	4.3	180.6	72	208.1
43930	3.5	178.5	74	208.1
43940	3.1	176.5	76	208.4
43950	2.7	174.4	78	208.1
43960	2.7	172.3	80	207.9
43970	2.6	170.2	82	207.9
43980	2.6	168.1	84	207.6
43990	2.7	166.1	86	207.6
44000	2.6	164.0	88	207.3
44010	2.6	161.9	91	207.1
44020	2.6	159.8	93	206.8
44030	2.3	157.8	95	206.8
44040	2.4	155.7	97	206.5
44050	2.4	153.6	99	206.0
44060	2.4	151.6	101	205.7
44070	2.4	149.5	103	205.7
44080	2.4	147.5	105	205.2
44090	2.4	145.4	107	205.2
44100	2.4	143.4	109	204.7
44110	2.3	141.3	111	204.4
44120	2.4	139.3	113	204.4
44130	2.3	137.2	115	204.1
44140	2.3	135.2	117	203.9
44150	2.3	133.2	119	203.3
44160	2.0	131.1	121	203.1
44170	1.8	129.1	123	202.8
44180	0.9	127.1	125	202.3
44190	-0.1	125.1	127	201.5
44200	-0.5	123.1	129	200.4
44210	-0.5	121.1	131	199.1
44220	0.3	119.1	133	198.0

44230	1.4	117.1	135	197.5
44240	1.6	115.1	137	197.2
44250	0.7	113.2	139	196.7
44260	-1.2	111.2	141	195.6
44270	-2.6	109.3	143	194.0
44280	-2.0	107.3	145	192.4
44290	-1.4	105.4	147	191.1
44300	-1.6	103.5	149	189.8
44310	-1.6	101.6	151	188.2
44320	-1.9	99.8	153	187.1
44330	-1.8	97.9	155	185.5
44340	-2.0	96.0	156	183.9
44350	-2.3	94.2	158	182.3
44360	-3.1	92.4	160	180.7
44370	-3.0	90.6	162	178.9
44380	-2.3	88.8	164	177.3
44390	-2.6	87.1	165	175.4
44400	-4.3	85.3	167	173.8
44410	-2.3	83.7	169	164.2
44420	2.7	82.3	170	127.2
44430	14.2	81.0	171	122.1
44440	30.0	79.9	173	105.9
44450	32.7	78.9	174	82.2
44460	21.3	78.1	174	78.2
44470	5.6	77.4	175	66.0
44480	-0.5	76.9	176	55.6
44490	-6.0	76.4	176	47.3
44500	-18.7	75.9	177	42.5
44510	-24.0	75.6	177	28.4
44520	-22.4	75.4	177	25.0
44530	-17.2	75.1	177	17.5
44540	-12.9	75.0	177	17.0
44550	-13.7	74.9	178	11.7
44560	-17.6	74.8	178	6.6
44570	-22.1	74.7	178	2.1
44580	-26.7	74.8	178	-2.3
44590	-29.6	74.8	178	-8.5
44600	-30.4	75.0	177	-14.3
44610	-30.6	75.2	177	-21.8
44620	-31.5	75.5	177	-29.5
44630	-33.0	75.9	177	-37.0
44640	-35.1	76.4	176	-55.3
44650	-36.2	76.9	176	-59.6
44660	-35.4	77.6	175	-62.5
44670	-33.0	78.4	174	-86.7
44680	-30.0	79.2	173	-96.3
44690	-28.5	80.1	172	-95.8
44700	-29.7	81.1	171	-92.6
44710	-32.3	82.3	170	-122.1
44720	-34.4	83.4	169	-119.2
44730	-35.4	84.7	168	-115.5
44740	-34.3	86.1	166	-137.9
44750	-32.7	87.5	165	-147.2
44760	-31.2	89.1	163	-156.2

44770	-30.5	90.7	162	-165.0
44780	-29.7	92.4	160	-172.5
44790	-29.7	94.2	158	-180.7
44800	-30.1	96.1	156	-188.4
44810	-31.1	98.0	154	-196.4
44820	-30.9	100.0	152	-204.7
44830	-30.0	102.1	150	-212.9
44840	-28.2	104.3	148	-220.4
44850	-27.1	106.6	146	-227.6
44860	-26.4	108.9	144	-234.5
44870	-23.7	111.3	141	-241.1
44880	-21.6	113.8	139	-246.5
44890	-20.2	116.3	136	-251.8
44900	-19.0	118.8	134	-256.3
44910	-17.2	121.4	131	-260.8
44920	-16.7	124.1	128	-264.6
44930	-17.4	126.7	126	-268.3
44940	-17.4	129.4	123	-271.8
44950	-15.9	132.2	120	-275.5
44960	-14.4	135.0	117	-279.2
44970	-12.1	137.8	115	-281.6
44980	-10.6	140.6	112	-283.7
44990	-11.8	143.5	109	-285.6
45000	-14.1	146.3	106	-288.0
45010	-14.4	149.2	103	-290.1
45020	-15.6	152.1	100	-290.9
45030	-16.4	155.1	97	-291.2
45040	-14.8	158.0	94	-291.5
45050	-13.8	160.9	92	-291.5
45060	-13.0	163.8	89	-291.5
45070	-12.2	166.7	86	-291.2
45080	-11.3	169.6	83	-291.2
45090	-11.0	172.5	80	-290.9
45100	-9.6	175.4	77	-290.9
45110	-8.5	178.4	74	-290.9
45120	-8.1	181.3	71	-290.9
45130	-7.6	184.2	68	-290.7
45140	-8.0	187.1	65	-290.4
45150	-7.3	190.0	62	-290.9
45160	-5.8	192.9	60	-290.7
45170	-4.7	195.8	57	-290.4
45180	-5.2	198.7	54	-290.7
45190	-5.0	201.6	51	-290.7
45200	-5.3	204.5	48	-290.4
45210	-5.0	207.4	45	-290.4
45220	-3.7	210.3	42	-290.4
45230	-3.1	213.2	39	-290.1
45240	-3.1	216.1	36	-289.9
45250	-3.1	219.0	33	-289.1
45260	-3.0	221.9	31	-288.8
45270	-2.8	224.8	28	-288.3
45280	-2.2	227.7	25	-287.7
45290	2.2	230.5	22	-286.4
45300	7.2	233.4	19	-283.7

45310	7.6	236.2	16	-279.8
45320	3.4	239.0	13	-276.6
45330	0.0	241.7	11	-274.7
45340	-0.1	244.5	8	-273.4
45350	2.2	247.2	5	-272.0
45360	5.2	249.9	3	-269.6
45370	7.2	252.6	0	-266.4
45380	9.1	255.2	-3	-263.0
45390	9.4	257.8	-5	-258.7
45400	8.5	260.4	-8	-254.7
45410	2.3	262.7	-10	-236.1
45420	-5.8	264.8	-12	-205.2
45430	-32.7	266.3	-14	-151.2
45440	-59.7	267.6	-15	-122.7
45450	-61.3	268.6	-16	-97.9
45460	-37.3	269.4	-17	-83.0
45470	-12.7	270.0	-18	-57.7
45480	1.8	270.5	-18	-43.6
45490	2.6	270.9	-18	-30.8
45500	14.5	271.2	-19	-26.6
45510	23.6	271.4	-19	-16.7
45520	23.2	271.5	-19	-11.7
45530	16.7	271.6	-19	-5.3
45540	11.1	271.6	-19	-2.1
45550	11.7	271.6	-19	0.5
45560	16.7	271.6	-19	1.3
45570	20.5	271.5	-19	6.1
45580	20.3	271.4	-19	13.0
45590	16.5	271.3	-19	18.9
45600	12.1	271.1	-19	21.8
45610	9.9	270.8	-18	22.0
45620	12.1	270.5	-18	30.3
45630	16.7	270.2	-18	31.1
45640	21.0	269.9	-17	35.6
45650	22.5	269.5	-17	37.2
45660	20.7	269.0	-17	43.3
45670	17.1	268.5	-16	58.0
45680	15.7	268.0	-16	57.2
45690	16.7	267.3	-15	67.6
45700	18.7	266.7	-14	72.6
45710	20.1	266.0	-14	78.2
45720	20.3	265.2	-13	83.8
45730	19.7	264.5	-12	81.7
45740	18.4	263.6	-11	78.0
45750	17.4	262.7	-10	83.5
45760	17.5	261.7	-9	105.1
45770	18.2	260.7	-8	110.2
45780	19.5	259.7	-7	105.1
45790	19.8	258.6	-6	110.4
45800	18.8	257.5	-5	115.5
45810	17.2	256.3	-4	120.5
45820	15.9	255.0	-3	125.1
45830	15.3	253.7	-1	129.1
45840	15.5	252.4	0	133.1

45850	15.9	251.1	1	137.1
45860	17.4	249.7	3	141.3
45870	17.1	248.2	4	145.3
45880	16.0	246.7	6	149.6
45890	14.8	245.2	7	153.8
45900	13.8	243.6	9	157.3
45910	13.6	242.0	10	160.5
45920	14.0	240.4	12	163.9
45930	13.8	238.7	14	167.1
45940	13.7	237.0	15	170.3
45950	13.2	235.3	17	173.5
45960	12.3	233.6	19	176.7
45970	12.5	231.8	21	179.4
45980	12.5	230.0	22	182.3
45990	11.9	228.1	24	185.0
46000	11.4	226.2	26	187.6
46010	11.1	224.3	28	190.3
46020	10.3	222.4	30	192.7
46030	9.5	220.5	32	194.8
46040	9.2	218.5	34	196.7
46050	8.8	216.5	36	198.3
46060	8.4	214.5	38	200.1
46070	7.6	212.5	40	201.7
46080	6.2	210.5	42	202.8
46090	5.7	208.5	44	203.9
46100	6.1	206.4	46	204.4
46110	7.9	204.4	48	205.7
46120	8.8	202.3	50	207.3
46130	8.5	200.2	52	208.7
46140	6.1	198.1	54	210.0
46150	4.2	196.0	56	210.5
46160	3.8	193.9	59	211.1
46170	4.2	191.8	61	211.1
46180	4.7	189.7	63	211.3
46190	5.3	187.6	65	211.9
46200	5.3	185.4	67	212.1
46210	4.5	183.3	69	212.9
46220	3.4	181.2	71	212.9
46230	2.7	179.1	73	212.9
46240	2.8	176.9	76	212.7
46250	2.7	174.8	78	212.7
46260	3.0	172.7	80	212.4
46270	3.0	170.5	82	212.4
46280	3.1	168.4	84	212.1
46290	3.4	166.3	86	212.1
46300	3.5	164.2	88	212.1
46310	3.3	162.1	90	211.9
46320	3.4	159.9	93	212.1
46330	3.0	157.8	95	212.1
46340	2.8	155.7	97	211.9
46350	2.6	153.6	99	211.6
46360	2.4	151.5	101	211.6
46370	2.6	149.4	103	211.1
46380	2.6	147.2	105	211.1

46390	2.4	145.1	107	210.8
46400	2.4	143.0	109	210.5
46410	2.4	140.9	112	210.3
46420	2.4	138.8	114	210.3
46430	2.3	136.7	116	209.7
46440	2.4	134.6	118	209.5
46450	2.4	132.5	120	209.2
46460	2.3	130.5	122	208.7
46470	2.2	128.4	124	208.4
46480	1.9	126.3	126	207.9
46490	1.4	124.2	128	207.6
46500	0.0	122.1	130	206.5
46510	-1.5	120.1	132	205.2
46520	-0.1	118.0	134	204.1
46530	1.6	116.0	136	203.1
46540	2.2	114.0	138	202.5
46550	1.6	112.0	140	202.3
46560	0.3	109.9	143	201.5
46570	-1.4	107.9	145	200.7
46580	-1.8	105.9	147	199.1
46590	-1.5	103.9	149	197.5
46600	-0.8	102.0	150	195.9
46610	-0.3	100.0	152	194.8
46620	-0.3	98.1	154	193.5
46630	-1.1	96.2	156	192.2
46640	-2.6	94.3	158	190.8
46650	-3.8	92.4	160	189.2
46660	-3.8	90.5	162	186.8
46670	-3.1	88.6	164	185.0
46680	-3.7	86.8	166	183.1
46690	-6.0	85.1	167	162.9
46700	-3.1	83.4	169	148.0
46710	2.8	81.9	171	141.8
46720	12.7	80.6	172	108.8
46730	26.2	79.5	173	104.3
46740	26.7	78.6	174	89.4
46750	13.8	77.8	175	75.8
46760	-1.2	77.1	175	62.8
46770	-4.1	76.6	176	53.5
46780	-19.4	76.1	176	43.6
46790	-30.5	75.8	177	34.6
46800	-32.5	75.5	177	22.8
46810	-27.7	75.3	177	17.8
46820	-20.2	75.2	177	9.5
46830	-17.0	75.1	177	3.9
46840	-21.8	75.1	177	-0.5
46850	-30.8	75.1	177	-3.9
46860	-36.9	75.2	177	-11.1
46870	-37.3	75.4	177	-20.2
46880	-33.0	75.7	177	-29.0
46890	-28.7	76.1	176	-37.2
46900	-29.7	76.6	176	-54.5
46910	-34.4	77.2	175	-58.0
46920	-39.3	77.8	175	-67.3

46930	-40.8	78.6	174	-77.7
46940	-37.3	79.4	173	-79.6
46950	-30.6	80.4	172	-98.2
46960	-25.1	81.4	171	-95.5
46970	-23.7	82.6	170	-124.3
46980	-26.3	83.7	169	-118.7
46990	-29.8	84.9	168	-113.4
47000	-31.1	86.3	166	-133.9
47010	-29.3	87.7	165	-142.4
47020	-26.6	89.2	163	-149.8
47030	-25.0	90.8	162	-157.3
47040	-25.1	92.4	160	-163.4
47050	-25.2	94.1	158	-170.3
47060	-24.8	95.8	157	-176.7
47070	-23.2	97.6	155	-183.1
47080	-20.1	99.5	153	-189.2
47090	-17.9	101.4	151	-193.8
47100	-17.2	103.4	149	-198.3
47110	-18.7	105.4	147	-202.5
47120	-20.9	107.5	145	-207.1
47130	-20.6	109.6	143	-212.4
47140	-17.4	111.8	141	-217.2
47150	-14.1	114.0	138	-221.2
47160	-12.7	116.2	136	-224.1
47170	-12.3	118.5	134	-227.0
47180	-12.6	120.7	132	-229.4
47190	-13.2	123.1	129	-232.1
47200	-14.2	125.4	127	-234.8
47210	-14.4	127.8	125	-237.7
47220	-13.3	130.2	122	-240.6
47230	-12.2	132.6	120	-243.3
47240	-11.9	135.0	117	-245.7
47250	-11.1	137.5	115	-248.1
47260	-9.9	140.0	112	-249.9
47270	-9.9	142.5	110	-251.8
47280	-11.7	145.1	107	-253.7
47290	-11.5	147.6	105	-256.1
47300	-11.8	150.2	102	-258.5
47310	-12.3	152.8	100	-260.6
47320	-12.1	155.4	97	-263.5
47330	-9.8	158.1	94	-265.6
47340	-9.5	160.7	92	-267.8
47350	-10.2	163.4	89	-269.4
47360	-10.6	166.1	86	-271.0
47370	-10.4	168.9	84	-273.1
47380	-10.2	171.6	81	-275.2
47390	-9.6	174.4	78	-276.6
47400	-9.4	177.1	75	-278.2
47410	-9.6	179.9	73	-279.5
47420	-10.0	182.7	70	-281.1
47430	-9.9	185.6	67	-282.4
47440	-9.8	188.4	64	-284.0
47450	-7.9	191.2	61	-284.5
47460	-5.8	194.1	58	-284.8

47470	-6.2	196.9	56	-285.6
47480	-7.2	199.8	53	-286.1
47490	-7.9	202.7	50	-286.7
47500	-8.3	205.5	47	-287.5
47510	-6.5	208.4	44	-288.8
47520	-3.7	211.3	41	-289.1
47530	-3.5	214.2	38	-289.1
47540	-3.5	217.1	35	-288.8
47550	-3.5	220.0	32	-288.3
47560	-3.7	222.9	30	-287.7
47570	-3.8	225.7	27	-287.5
47580	-3.4	228.6	24	-286.9
47590	-3.1	231.5	21	-286.7
47600	-3.0	234.3	18	-286.4
47610	-2.8	237.2	15	-285.6
47620	-2.8	240.1	12	-285.3
47630	-2.2	242.9	10	-284.8
47640	3.3	245.8	7	-283.5
47650	9.4	248.6	4	-280.3
47660	8.7	251.3	1	-276.8
47670	5.4	254.1	-2	-273.1
47680	3.0	256.8	-4	-270.4
47690	3.5	259.5	-7	-268.3
47700	4.5	262.1	-10	-286.4
47710	-4.1	264.2	-12	-211.1
47720	-35.5	266.0	-14	-167.7
47730	-70.8	267.4	-15	-134.7
47740	-75.1	268.6	-16	-105.4
47750	-59.1	269.4	-17	-82.5
47760	-30.6	270.1	-18	-62.2
47770	-2.8	270.6	-18	-50.8
47780	1.2	271.0	-19	-35.4
47790	7.9	271.3	-19	-29.8
47800	18.0	271.5	-19	-19.9
47810	21.4	271.7	-19	-13.3
47820	16.4	271.7	-19	-7.4
47830	9.2	271.8	-19	-4.7
47840	7.6	271.8	-19	-1.8
47850	12.3	271.8	-19	0.2
47860	18.6	271.8	-19	1.8
47870	21.2	271.7	-19	7.7
47880	19.4	271.6	-19	13.5
47890	14.6	271.5	-19	17.5
47900	9.9	271.3	-19	19.1
47910	8.4	271.0	-19	26.3
47920	10.8	270.8	-18	26.3
47930	16.0	270.5	-18	26.3
47940	20.3	270.2	-18	31.1
47950	21.6	269.8	-17	35.6
47960	19.7	269.3	-17	50.0
47970	16.8	268.9	-16	50.3
47980	15.5	268.3	-16	49.5
47990	16.3	267.7	-15	64.6
48000	18.3	267.1	-15	63.3

48010	19.7	266.4	-14	75.3
48020	20.1	265.7	-13	81.4
48030	19.5	265.0	-13	78.8
48040	18.2	264.1	-12	75.6
48050	17.0	263.2	-11	97.4
48060	16.7	262.3	-10	102.2
48070	17.2	261.3	-9	107.0
48080	18.2	260.3	-8	112.0
48090	19.3	259.3	-7	106.4
48100	19.3	258.2	-6	111.8
48110	18.3	257.0	-5	116.8
48120	17.4	255.8	-3	121.6
48130	16.3	254.6	-2	126.4
48140	15.6	253.3	-1	130.4
48150	15.1	251.9	1	134.7
48160	15.9	250.5	2	138.4
48170	17.0	249.1	3	142.6
48180	16.4	247.7	5	146.9
48190	14.8	246.2	6	150.9
48200	13.2	244.6	8	154.4
48210	11.4	243.1	9	157.6
48220	11.4	241.5	11	160.5
48230	12.3	239.8	13	163.1
48240	12.7	238.2	14	165.8
48250	12.6	236.5	16	168.7
48260	11.8	234.8	18	171.9
48270	10.8	233.1	19	174.6
48280	10.6	231.3	21	176.7
48290	10.3	229.5	23	178.9
48300	10.2	227.7	25	181.2
48310	10.3	225.9	27	183.4
48320	10.4	224.0	28	185.5
48330	10.2	222.2	30	187.9
48340	9.5	220.3	32	189.8
48350	9.1	218.4	34	191.6
48360	8.8	216.4	36	193.2
48370	9.2	214.5	38	195.1
48380	9.8	212.5	40	197.0
48390	9.1	210.5	42	199.1
48400	7.6	208.5	44	200.7
48410	5.6	206.5	46	201.7
48420	4.5	204.5	48	202.5
48430	4.7	202.5	50	202.8
48440	6.0	200.4	52	203.6
48450	6.8	198.4	54	204.4
48460	7.1	196.3	56	204.9
48470	6.1	194.3	58	206.0
48480	3.9	192.2	60	206.8
48490	2.7	190.1	62	207.1
48500	2.6	188.1	64	206.8
48510	2.8	186.0	66	206.8
48520	3.1	183.9	69	206.5
48530	3.7	181.9	71	206.5
48540	3.8	179.8	73	206.8

48550	4.5	177.7	75	206.8
48560	4.7	175.7	77	207.1
48570	3.9	173.6	79	207.3
48580	3.0	171.5	81	207.6
48590	2.6	169.4	83	207.3
48600	2.6	167.4	85	207.1
48610	2.6	165.3	87	206.8
48620	2.4	163.2	89	206.8
48630	2.6	161.2	91	206.5
48640	2.6	159.1	93	206.3
48650	2.6	157.0	95	206.0
48660	2.6	155.0	97	206.0
48670	2.4	152.9	100	205.5
48680	2.4	150.9	102	205.2
48690	2.4	148.8	104	204.9
48700	2.4	146.8	106	204.9
48710	2.4	144.7	108	204.7
48720	2.4	142.7	110	204.4
48730	2.4	140.6	112	203.9
48740	2.3	138.6	114	203.9
48750	2.3	136.5	116	203.6
48760	2.2	134.5	118	203.1
48770	1.6	132.5	120	202.8
48780	-0.3	130.5	122	202.0
48790	-3.1	128.5	124	200.7
48800	-3.4	126.5	126	198.8
48810	-0.4	124.5	128	197.0
48820	1.4	122.5	130	195.9
48830	1.1	120.6	132	195.1
48840	-0.3	118.6	134	194.6
48850	-1.5	116.7	136	193.5
48860	-1.8	114.8	138	192.2
48870	-1.2	112.8	140	190.8
48880	-1.5	110.9	142	189.8
48890	-1.8	109.1	143	188.2
48900	-1.5	107.2	145	186.8
48910	-2.3	105.3	147	185.5
48920	-3.5	103.5	149	183.6
48930	-3.7	101.7	151	181.8
48940	-2.8	99.9	153	180.2
48950	-1.4	98.1	154	178.3
48960	-0.8	96.3	156	177.0
48970	-1.8	94.5	158	175.9
48980	-3.7	92.8	160	174.3
48990	-4.9	91.1	161	172.5
49000	-5.3	89.3	163	170.1
49010	-5.3	87.7	165	167.7
49020	-6.0	86.0	166	165.0
49030	-6.6	84.4	168	177.3
49040	0.5	83.0	169	142.6
49050	2.8	81.7	171	124.0
49060	10.8	80.5	172	118.7
49070	19.9	79.6	173	94.5
49080	17.2	78.7	174	81.9

49090	6.1	78.0	174	70.5
49100	-0.4	77.4	175	59.9
49110	-1.1	76.8	176	51.9
49120	-11.4	76.4	176	43.9
49130	-19.9	76.0	176	39.9
49140	-21.2	75.7	177	26.8
49150	-17.9	75.4	177	26.6
49160	-14.5	75.2	177	19.9
49170	-13.2	75.0	177	16.2
49180	-15.1	74.9	178	10.9
49190	-17.9	74.8	178	8.2
49200	-19.8	74.8	178	2.1
49210	-22.2	74.8	178	-0.7
49220	-24.8	74.8	178	-7.4
49230	-25.9	75.0	177	-12.2
49240	-27.5	75.1	177	-21.8
49250	-28.9	75.4	177	-27.1
49260	-30.2	75.7	177	-31.6
49270	-30.5	76.1	176	-47.6
49280	-29.3	76.6	176	-51.6
49290	-27.5	77.2	175	-53.5
49300	-26.3	77.9	175	-73.7
49310	-26.3	78.6	174	-73.7
49320	-27.1	79.4	173	-72.9
49330	-28.1	80.3	172	-97.1
49340	-28.7	81.2	171	-95.3
49350	-28.9	82.2	170	-92.6
49360	-28.6	83.3	169	-101.4
49370	-28.1	84.4	168	-106.2
49380	-26.7	85.7	167	-125.9
49390	-25.9	87.0	165	-132.8
49400	-25.5	88.4	164	-140.2
49410	-25.1	89.9	163	-146.6
49420	-25.4	91.4	161	-153.6
49430	-24.5	93.0	159	-160.0
49440	-24.5	94.6	158	-166.6
49450	-24.8	96.3	156	-173.3
49460	-24.5	98.1	154	-179.7
49470	-22.5	100.0	152	-185.8
49480	-20.1	101.9	151	-191.9
49490	-17.4	103.8	149	-196.7
49500	-16.7	105.8	147	-201.2
49510	-18.3	107.9	145	-205.2
49520	-19.3	110.0	142	-209.7
49530	-18.7	112.1	140	-214.3
49540	-17.8	114.3	138	-218.8
49550	-16.7	116.5	136	-223.0
49560	-15.3	118.7	134	-227.0
49570	-14.0	121.0	131	-230.5
49580	-13.4	123.4	129	-233.4
49590	-14.1	125.7	127	-236.4
49600	-14.8	128.1	124	-239.0
49610	-14.4	130.5	122	-241.9
49620	-13.8	133.0	119	-245.1

49630	-13.3	135.4	117	-248.1
49640	-12.3	137.9	115	-250.5
49650	-11.8	140.5	112	-252.6
49660	-12.7	143.0	109	-255.3
49670	-13.4	145.6	107	-257.9
49680	-12.5	148.2	104	-260.3
49690	-11.5	150.8	102	-263.0
49700	-11.5	153.5	99	-265.1
49710	-10.4	156.1	96	-267.2
49720	-9.8	158.8	94	-269.1
49730	-11.0	161.5	91	-271.0
49740	-12.3	164.2	88	-273.1
49750	-11.9	167.0	85	-275.2
49760	-11.0	169.8	83	-277.1
49770	-10.3	172.5	80	-279.2
49780	-9.1	175.3	77	-280.8
49790	-8.7	178.2	74	-281.9
49800	-9.1	181.0	71	-283.5
49810	-8.9	183.8	69	-284.8
49820	-8.9	186.7	66	-286.7
49830	-8.1	189.6	63	-288.0
49840	-6.0	192.5	60	-289.1
49850	-5.2	195.4	57	-289.6
49860	-6.5	198.3	54	-290.1
49870	-8.0	201.2	51	-290.4
49880	-9.1	204.1	48	-290.7
49890	-9.2	207.0	45	-290.7
49900	-7.5	209.9	43	-290.7
49910	-5.3	212.8	40	-290.1
49920	-4.6	215.7	37	-290.4
49930	-4.3	218.6	34	-290.4
49940	-3.8	221.5	31	-290.1
49950	-3.7	224.4	28	-289.9
49960	-3.3	227.3	25	-289.6
49970	-3.1	230.2	22	-289.6
49980	-2.8	233.1	19	-288.8
49990	-2.8	236.0	16	-288.3
50000	-2.2	238.8	14	-287.5
50010	2.0	241.7	11	-286.4
50020	7.5	244.6	8	-283.7
50030	7.7	247.4	5	-279.8
50040	3.5	250.1	2	-276.8
50050	0.5	252.9	0	-274.4
50060	1.1	255.6	-3	-272.8
50070	3.7	258.3	-6	-270.4
50080	6.0	260.9	-8	-241.4
50090	-3.9	263.4	-11	-209.5
50100	-26.3	265.3	-13	-183.9
50110	-62.9	266.9	-14	-146.6
50120	-79.5	268.1	-16	-105.1
50130	-70.2	269.1	-17	-91.3
50140	-44.1	269.9	-17	-69.4
50150	-13.2	270.4	-18	-46.5
50160	0.3	270.8	-18	-38.0

50170	8.5	271.2	-19	-32.4
50180	18.0	271.4	-19	-21.8
50190	23.5	271.6	-19	-15.9
50200	18.7	271.6	-19	-8.2
50210	10.4	271.7	-19	-4.5
50220	6.1	271.7	-19	-1.8
50230	9.2	271.7	-19	0.0
50240	16.7	271.7	-19	1.0
50250	21.2	271.7	-19	6.6
50260	20.7	271.6	-19	12.2
50270	16.3	271.4	-19	18.3
50280	11.1	271.2	-19	20.7
50290	8.3	271.0	-19	21.2
50300	10.3	270.7	-18	28.7
50310	15.9	270.5	-18	29.0
50320	21.7	270.1	-18	30.3
50330	24.1	269.8	-17	35.6
50340	22.9	269.3	-17	50.8

ISOK_EXERC_FLEX/EXT_300_R_SIDE
Set #2

TIME	TORQUE	POSITION	POS(ANAT)	VELOCITY
0	3.1	249.4	3	8.5
10	5.6	249.3	3	9.5
20	6.6	249.2	3	11.1
30	5.8	249.0	3	12.7
40	4.7	248.9	4	14.3
50	4.6	248.7	4	15.7
60	5.4	248.6	4	17.3
70	7.1	248.4	4	18.6
80	8.7	248.2	4	20.7
90	9.5	248.0	4	23.4
100	9.4	247.7	5	26.0
110	8.9	247.4	5	28.4
120	8.8	247.1	5	31.1
130	9.6	246.8	6	33.5
140	10.6	246.4	6	36.2
150	11.1	246.1	6	39.4
160	11.1	245.6	7	42.5
170	10.7	245.2	7	45.5
180	10.3	244.7	8	48.4
190	10.7	244.2	8	51.3
200	11.9	243.7	9	54.0
210	12.9	243.1	9	57.5
220	13.7	242.5	10	60.9
230	13.7	241.9	11	64.9
240	13.8	241.2	11	68.6
250	13.6	240.5	12	72.1
260	13.6	239.7	13	76.1
270	13.6	238.9	14	79.6
280	13.6	238.1	14	83.3
290	13.4	237.2	15	87.0
300	13.0	236.3	16	90.5
310	12.7	235.4	17	93.7
320	12.5	234.5	18	97.4
330	13.3	233.5	19	100.6
340	14.1	232.4	20	104.0
350	14.1	231.4	21	107.8
360	12.9	230.3	22	111.2
370	11.8	229.1	23	114.4
380	11.4	228.0	24	117.4
390	12.2	226.8	26	120.3
400	13.4	225.5	27	123.2
410	14.4	224.3	28	126.7
420	14.0	223.0	29	130.4
430	12.1	221.6	31	133.6
440	10.4	220.3	32	136.5
450	10.2	218.9	34	138.9
460	10.2	217.5	35	141.6
470	11.3	216.1	36	143.7
480	12.3	214.6	38	146.6
490	12.9	213.1	39	149.3

500	11.5	211.6	41	152.5
510	9.6	210.1	42	155.2
520	8.3	208.5	44	157.3
530	8.0	206.9	46	158.9
540	9.2	205.3	47	160.7
550	10.6	203.7	49	162.9
560	11.3	202.0	50	164.7
570	10.7	200.4	52	167.4
580	8.9	198.7	54	169.5
590	7.7	197.0	55	171.4
600	8.1	195.2	57	173.0
610	8.9	193.5	59	174.6
620	9.4	191.7	61	176.2
630	9.1	190.0	62	178.1
640	8.3	188.2	64	179.9
650	8.0	186.3	66	181.2
660	7.7	184.5	68	182.8
670	8.0	182.7	70	184.4
680	7.6	180.8	72	185.8
690	6.9	179.0	73	187.4
700	7.5	177.1	75	188.7
710	7.2	175.2	77	189.5
720	7.1	173.3	79	191.1
730	6.6	171.4	81	192.2
740	6.2	169.4	83	193.0
750	6.9	167.5	85	193.8
760	7.1	165.5	87	195.1
770	6.9	163.6	89	196.2
780	6.2	161.6	91	197.2
790	5.8	159.6	93	198.3
800	5.3	157.6	95	198.8
810	5.2	155.7	97	199.6
820	5.6	153.7	99	199.9
830	6.1	151.6	101	200.7
840	6.0	149.6	103	201.5
850	5.3	147.6	105	202.3
860	4.1	145.6	107	202.8
870	3.3	143.6	109	203.1
880	3.5	141.5	111	203.1
890	3.8	139.5	113	203.1
900	4.2	137.5	115	203.6
910	3.8	135.4	117	203.6
920	3.5	133.4	119	203.6
930	2.8	131.3	121	203.9
940	2.6	129.3	123	203.9
950	2.3	127.3	125	203.6
960	2.2	125.2	127	203.3
970	2.0	123.2	129	203.1
980	1.8	121.2	131	202.5
990	-2.4	119.2	133	201.7
1000	-7.2	117.2	135	199.4
1010	-6.8	115.2	137	196.7
1020	-3.4	113.2	139	194.3
1030	-0.5	111.3	141	192.4

1040	0.1	109.4	143	191.6
1050	-1.1	107.5	145	190.3
1060	-3.7	105.6	147	189.2
1070	-5.6	103.7	149	186.6
1080	-5.6	101.9	151	184.2
1090	-3.1	100.0	152	181.8
1100	-0.8	98.2	154	179.9
1110	-0.4	96.4	156	179.1
1120	-2.3	94.7	158	178.1
1130	-5.2	92.9	160	175.9
1140	-5.4	91.2	161	173.5
1150	-3.3	89.4	163	171.1
1160	-0.8	87.7	165	169.3
1170	0.0	86.1	166	168.2
1180	-1.4	84.4	168	182.6
1190	2.4	82.9	170	146.1
1200	7.3	81.6	171	126.4
1210	27.4	80.4	172	121.3
1220	36.5	79.5	173	96.6
1230	31.1	78.6	174	83.5
1240	17.9	77.9	175	71.6
1250	4.5	77.2	175	60.6
1260	0.0	76.7	176	51.3
1270	0.0	76.2	176	44.4
1280	-6.1	75.8	177	38.3
1290	-14.2	75.5	177	34.3
1300	-16.4	75.2	177	26.3
1310	-14.6	75.0	177	24.4
1320	-11.5	74.8	178	18.3
1330	-8.9	74.7	178	15.4
1340	-8.8	74.5	178	11.7
1350	-11.0	74.4	178	11.1
1360	-14.1	74.3	178	6.9
1370	-17.5	74.3	178	2.1
1380	-20.7	74.3	178	-1.0
1390	-25.0	74.3	178	-5.3
1400	-27.5	74.4	178	-12.2
1410	-28.7	74.6	178	-18.1
1420	-28.9	74.9	178	-24.7
1430	-29.2	75.2	177	-31.9
1440	-29.3	75.6	177	-39.1
1450	-28.9	76.1	176	-46.3
1460	-27.9	76.7	176	-54.5
1470	-27.0	77.3	175	-60.4
1480	-26.8	78.1	174	-66.8
1490	-27.7	78.9	174	-89.4
1500	-29.0	79.7	173	-88.9
1510	-30.2	80.7	172	-86.5
1520	-30.2	81.7	171	-95.3
1530	-29.3	82.8	170	-101.4
1540	-27.9	84.0	168	-107.8
1550	-26.6	85.2	167	-114.7
1560	-26.7	86.6	166	-134.1
1570	-28.2	88.0	164	-141.6

1580	-30.2	89.5	163	-149.0
1590	-31.2	91.0	161	-157.8
1600	-30.9	92.7	160	-165.8
1610	-30.4	94.4	158	-174.3
1620	-30.1	96.2	156	-182.6
1630	-29.8	98.1	154	-190.3
1640	-28.9	100.1	152	-198.0
1650	-27.3	102.1	150	-205.7
1660	-25.4	104.2	148	-212.7
1670	-24.8	106.4	146	-219.1
1680	-26.3	108.6	144	-225.4
1690	-27.3	110.9	142	-232.1
1700	-27.8	113.3	139	-239.0
1710	-27.5	115.7	137	-245.9
1720	-25.6	118.3	134	-252.6
1730	-22.4	120.8	132	-259.0
1740	-20.2	123.5	129	-264.3
1750	-20.2	126.1	126	-269.1
1760	-21.2	128.9	124	-273.6
1770	-21.3	131.6	121	-278.2
1780	-21.3	134.4	118	-282.9
1790	-19.5	137.3	115	-287.7
1800	-17.0	140.2	112	-290.7
1810	-18.7	143.1	109	-290.7
1820	-21.7	146.0	106	-291.2
1830	-23.2	148.9	104	-291.5
1840	-23.6	151.9	101	-291.2
1850	-21.8	154.8	98	-291.5
1860	-17.5	157.7	95	-291.2
1870	-15.5	160.6	92	-290.7
1880	-15.2	163.5	89	-290.7
1890	-15.6	166.4	86	-291.2
1900	-16.7	169.3	83	-290.9
1910	-17.2	172.2	80	-290.9
1920	-16.3	175.1	77	-290.9
1930	-14.1	178.0	74	-290.7
1940	-11.9	181.0	71	-290.4
1950	-9.4	183.9	69	-290.4
1960	-7.7	186.8	66	-290.1
1970	-6.8	189.7	63	-290.1
1980	-5.3	192.6	60	-289.9
1990	-4.6	195.5	57	-289.6
2000	-5.3	198.4	54	-289.9
2010	-4.7	201.3	51	-289.9
2020	-4.5	204.2	48	-289.6
2030	-3.7	207.1	45	-289.6
2040	-3.1	209.9	43	-289.3
2050	-3.0	212.8	40	-288.8
2060	-2.8	215.7	37	-288.3
2070	-2.3	218.6	34	-287.7
2080	1.9	221.5	31	-286.7
2090	7.3	224.3	28	-284.3
2100	8.1	227.1	25	-280.3
2110	4.7	229.9	23	-277.1

2120	0.0	232.7	20	-275.0
2130	-1.9	235.4	17	-273.9
2140	-1.1	238.1	14	-273.4
2150	0.7	240.9	12	-271.8
2160	3.5	243.6	9	-270.4
2170	5.2	246.2	6	-267.5
2180	5.2	248.9	4	-264.8
2190	4.2	251.5	1	-261.9
2200	5.2	254.1	-2	-259.3
2210	7.2	256.7	-4	-256.6
2220	9.9	259.2	-7	-252.6
2230	12.2	261.7	-9	-246.5
2240	-3.4	263.8	-11	-203.9
2250	-24.0	265.5	-13	-164.2
2260	-55.3	267.0	-15	-145.8
2270	-64.8	268.0	-16	-108.3
2280	-56.3	269.0	-17	-85.9
2290	-31.7	269.7	-17	-73.2
2300	-4.9	270.2	-18	-50.8
2310	1.4	270.6	-18	-39.4
2320	10.4	271.0	-19	-27.4
2330	25.1	271.2	-19	-22.0
2340	29.2	271.4	-19	-12.5
2350	22.6	271.5	-19	-6.1
2360	13.8	271.5	-19	-0.5
2370	11.3	271.5	-19	0.0
2380	16.3	271.5	-19	2.3
2390	21.4	271.4	-19	6.9
2400	24.7	271.3	-19	13.0
2410	23.9	271.1	-19	22.3
2420	19.9	270.8	-18	26.3
2430	16.5	270.5	-18	28.2
2440	16.3	270.2	-18	39.9
2450	19.7	269.8	-17	44.1
2460	24.0	269.3	-17	50.8
2470	26.7	268.8	-16	57.7
2480	26.3	268.3	-16	59.9
2490	22.8	267.6	-15	59.9
2500	19.0	266.9	-14	80.3
2510	17.2	266.1	-14	78.0
2520	18.0	265.3	-13	74.2
2530	20.7	264.5	-12	78.2
2540	23.1	263.6	-11	92.6
2550	23.7	262.5	-10	108.6
2560	22.1	261.5	-9	115.0
2570	19.3	260.4	-8	121.3
2580	17.1	259.3	-7	115.2
2590	16.7	258.1	-6	120.0
2600	17.5	256.8	-4	124.3
2610	19.3	255.6	-3	129.3
2620	20.9	254.2	-2	134.4
2630	20.7	252.8	0	140.0
2640	18.8	251.4	1	145.3
2650	17.6	249.9	3	149.8

2660	16.0	248.4	4	154.4
2670	15.3	246.8	6	158.4
2680	15.5	245.2	7	162.3
2690	15.7	243.5	9	166.1
2700	15.5	241.8	11	169.8
2710	14.9	240.1	12	173.3
2720	14.0	238.4	14	177.0
2730	13.2	236.6	16	180.2
2740	13.0	234.7	18	182.8
2750	13.3	232.9	20	186.0
2760	13.7	231.0	21	189.0
2770	12.9	229.1	23	192.2
2780	11.9	227.2	25	194.8
2790	11.0	225.2	27	197.5
2800	9.9	223.2	29	199.6
2810	9.1	221.2	31	201.5
2820	8.9	219.2	33	203.3
2830	9.2	217.1	35	204.7
2840	9.6	215.0	37	206.3
2850	10.0	213.0	39	208.4
2860	9.6	210.9	42	210.3
2870	8.5	208.8	44	212.1
2880	7.1	206.6	46	213.5
2890	6.8	204.5	48	214.5
2900	7.1	202.3	50	215.3
2910	7.3	200.2	52	216.1
2920	6.0	198.0	54	217.5
2930	5.0	195.8	57	218.0
2940	4.7	193.6	59	218.5
2950	4.9	191.4	61	218.8
2960	4.7	189.3	63	219.3
2970	5.3	187.1	65	219.9
2980	5.6	184.9	68	220.1
2990	5.3	182.7	70	220.6
3000	3.5	180.4	72	221.2
3010	2.7	178.2	74	221.2
3020	2.8	176.0	76	220.6
3030	2.7	173.8	79	220.6
3040	2.8	171.6	81	220.1
3050	2.8	169.4	83	220.4
3060	2.7	167.2	85	220.1
3070	2.6	165.0	87	219.6
3080	2.4	162.8	90	219.6
3090	2.4	160.6	92	219.3
3100	2.3	158.4	94	219.1
3110	2.2	156.2	96	218.5
3120	1.9	154.0	98	218.0
3130	0.7	151.9	101	217.5
3140	-1.5	149.7	103	216.4
3150	-2.8	147.5	105	214.8
3160	-1.8	145.4	107	213.2
3170	0.7	143.3	109	211.6
3180	1.8	141.2	111	211.1
3190	1.1	139.1	113	210.5

3200	-0.8	137.0	115	209.7
3210	-1.4	134.9	118	208.7
3220	-0.8	132.8	120	207.1
3230	0.0	130.7	122	205.7
3240	-0.3	128.7	124	204.4
3250	-0.8	126.7	126	203.6
3260	-0.7	124.6	128	202.5
3270	-1.4	122.6	130	200.9
3280	-2.4	120.6	132	199.6
3290	-2.4	118.6	134	197.8
3300	-1.4	116.7	136	196.4
3310	-0.1	114.7	138	195.4
3320	-0.4	112.8	140	194.3
3330	-2.3	110.8	142	193.0
3340	-3.8	108.9	144	191.1
3350	-3.1	107.0	145	189.2
3360	-2.6	105.1	147	187.9
3370	-2.7	103.3	149	186.0
3380	-2.7	101.4	151	184.2
3390	-2.8	99.6	153	182.6
3400	-2.8	97.8	155	181.0
3410	-3.3	96.0	156	179.4
3420	-4.1	94.2	158	177.8
3430	-4.9	92.4	160	175.4
3440	-4.9	90.7	162	173.0
3450	-4.3	89.0	163	170.9
3460	-5.2	87.3	165	168.7
3470	-7.5	85.6	167	166.3
3480	-8.0	84.1	168	159.2
3490	0.5	82.6	170	124.0
3500	2.8	81.4	171	120.8
3510	9.2	80.3	172	115.2
3520	18.4	79.4	173	91.5
3530	16.0	78.5	174	79.3
3540	4.7	77.8	175	68.1
3550	-0.5	77.2	175	63.8
3560	-6.0	76.7	176	50.0
3570	-19.9	76.3	176	41.5
3580	-25.9	75.9	177	36.7
3590	-24.3	75.6	177	26.3
3600	-18.7	75.4	177	18.3
3610	-13.0	75.2	177	17.3
3620	-12.7	75.1	177	12.2
3630	-17.2	75.0	177	7.4
3640	-21.7	75.0	177	2.6
3650	-25.5	75.0	177	-1.3
3660	-28.2	75.0	177	-6.6
3670	-28.6	75.2	177	-14.1
3680	-28.6	75.4	177	-19.9
3690	-30.2	75.6	177	-29.8
3700	-33.5	76.0	176	-42.0
3710	-35.9	76.4	176	-47.3
3720	-36.6	77.0	175	-51.9
3730	-34.4	77.7	175	-74.0

3740	-31.1	78.4	174	-83.5
3750	-28.3	79.2	173	-92.9
3760	-27.5	80.1	172	-100.3
3770	-28.9	81.1	171	-109.4
3780	-30.2	82.1	170	-107.2
3790	-31.1	83.3	169	-103.5
3800	-31.1	84.5	168	-111.0
3810	-29.7	85.8	167	-131.7
3820	-28.6	87.2	165	-139.5
3830	-27.7	88.7	164	-147.7
3840	-27.4	90.2	162	-154.9
3850	-26.4	91.8	161	-162.1
3860	-25.4	93.5	159	-169.3
3870	-25.4	95.2	157	-175.4
3880	-26.0	97.0	155	-182.6
3890	-26.6	98.9	154	-189.5
3900	-26.2	100.8	152	-196.2
3910	-24.7	102.9	150	-202.8
3920	-23.5	104.9	148	-209.2
3930	-22.8	107.1	145	-215.1
3940	-22.5	109.3	143	-220.4
3950	-21.4	111.5	141	-226.2
3960	-21.4	113.8	139	-231.3
3970	-21.7	116.2	136	-236.4
3980	-21.2	118.6	134	-241.4
3990	-20.2	121.0	131	-246.5
4000	-19.5	123.5	129	-251.3
4010	-19.3	126.1	126	-256.1
4020	-19.1	128.7	124	-260.0
4030	-17.6	131.3	121	-264.0
4040	-17.0	134.0	118	-268.3
4050	-16.1	136.7	116	-271.5
4060	-14.8	139.4	113	-275.0
4070	-14.4	142.2	110	-277.6
4080	-16.1	145.0	107	-281.1
4090	-16.1	147.8	105	-284.3
4100	-15.9	150.7	102	-287.7
4110	-15.9	153.6	99	-290.7
4120	-15.9	156.5	96	-291.2
4130	-16.7	159.4	93	-290.9
4140	-19.4	162.3	90	-290.9
4150	-21.3	165.2	87	-291.2
4160	-21.2	168.2	84	-291.7
4170	-20.7	171.1	81	-291.5
4180	-19.1	174.0	78	-291.5
4190	-17.8	176.9	76	-291.5
4200	-17.1	179.8	73	-291.2
4210	-17.5	182.7	70	-290.9
4220	-17.8	185.6	67	-290.9
4230	-17.9	188.5	64	-290.9
4240	-16.1	191.5	61	-291.2
4250	-13.6	194.4	58	-290.7
4260	-13.3	197.3	55	-290.9
4270	-13.2	200.2	52	-290.4

4280	-13.4	203.1	49	-290.9
4290	-13.3	206.0	46	-290.9
4300	-11.4	208.9	44	-290.7
4310	-7.7	211.8	41	-290.4
4320	-6.6	214.7	38	-290.1
4330	-6.9	217.6	35	-290.4
4340	-7.5	220.5	32	-290.1
4350	-7.7	223.4	29	-290.1
4360	-7.2	226.3	26	-290.1
4370	-5.2	229.2	23	-290.4
4380	-4.2	232.1	20	-289.9
4390	-4.5	235.0	17	-290.1
4400	-4.3	237.9	15	-290.1
4410	-4.3	240.8	12	-289.6
4420	-3.9	243.7	9	-289.6
4430	-3.3	246.6	6	-289.3
4440	-2.8	249.5	3	-288.8
4450	-2.7	252.4	0	-288.5
4460	-2.3	255.3	-3	-288.0
4470	2.6	258.2	-6	-286.4
4480	9.8	260.9	-8	-255.5
4490	-1.8	263.5	-11	-220.1
4500	-32.4	265.5	-13	-191.1
4510	-74.9	267.1	-15	-151.2
4520	-92.8	268.4	-16	-106.7
4530	-87.6	269.4	-17	-91.8
4540	-60.1	270.1	-18	-68.9
4550	-22.6	270.7	-18	-44.9
4560	2.3	271.1	-19	-35.6
4570	5.3	271.4	-19	-29.5
4580	13.0	271.6	-19	-19.7
4590	18.7	271.7	-19	-11.9
4600	15.9	271.8	-19	-7.9
4610	9.6	271.9	-19	-3.1
4620	6.5	271.9	-19	-1.0
4630	10.4	271.9	-19	0.0
4640	16.5	271.9	-19	2.1
4650	21.0	271.8	-19	7.1
4660	22.1	271.7	-19	11.7
4670	20.3	271.5	-19	19.7
4680	17.6	271.3	-19	23.1
4690	16.3	271.1	-19	25.0
4700	17.6	270.7	-18	35.6
4710	21.2	270.4	-18	40.7
4720	24.8	269.9	-17	47.3
4730	26.4	269.5	-17	55.1
4740	26.2	268.9	-16	56.9
4750	24.5	268.3	-16	57.5
4760	22.1	267.6	-15	77.2
4770	20.7	266.9	-14	68.4
4780	20.6	266.0	-14	89.7
4790	22.2	265.2	-13	94.5
4800	23.9	264.3	-12	102.2
4810	24.3	263.3	-11	109.4

4820	23.2	262.3	-10	116.0
4830	21.8	261.2	-9	121.1
4840	20.5	260.0	-8	129.1
4850	20.1	258.8	-6	122.7
4860	20.3	257.5	-5	128.0
4870	21.2	256.2	-4	133.3
4880	21.8	254.8	-2	139.2
4890	21.3	253.4	-1	144.8
4900	19.7	251.9	1	150.6
4910	18.6	250.4	2	155.4
4920	18.0	248.8	4	160.2
4930	17.8	247.1	5	164.7
4940	17.4	245.4	7	169.0
4950	17.2	243.7	9	173.5
4960	17.1	242.0	10	177.5
4970	17.0	240.1	12	181.5
4980	16.4	238.3	14	185.8
4990	15.9	236.4	16	189.8
5000	15.1	234.5	18	193.5
5010	14.6	232.5	20	197.2
5020	14.2	230.5	22	200.7
5030	13.6	228.5	24	203.6
5040	13.0	226.4	26	207.1
5050	12.9	224.3	28	209.7
5060	12.1	222.2	30	212.7
5070	11.1	220.1	32	215.3
5080	10.7	217.9	35	217.2
5090	10.4	215.7	37	219.3
5100	11.7	213.5	39	221.4
5110	11.8	211.3	41	224.4
5120	11.0	209.0	43	226.5
5130	9.9	206.7	46	228.4
5140	9.6	204.4	48	230.2
5150	9.6	202.1	50	231.8
5160	8.7	199.8	53	233.7
5170	6.8	197.4	55	235.0
5180	6.9	195.1	57	235.6
5190	8.4	192.7	60	236.6
5200	9.1	190.3	62	238.5
5210	8.8	187.9	65	240.1
5220	7.5	185.5	67	241.1
5230	5.7	183.1	69	242.5
5240	4.5	180.7	72	243.0
5250	4.3	178.2	74	243.0
5260	5.8	175.8	77	243.0
5270	7.9	173.4	79	243.5
5280	7.7	170.9	82	244.6
5290	6.0	168.5	84	245.7
5300	4.6	166.0	86	246.2
5310	3.8	163.6	89	246.2
5320	3.5	161.1	91	246.2
5330	4.1	158.6	94	246.5
5340	4.3	156.2	96	246.2
5350	4.9	153.7	99	246.5

5360	5.2	151.2	101	246.5
5370	4.7	148.8	104	247.0
5380	4.1	146.3	106	247.0
5390	3.5	143.8	109	247.0
5400	3.5	141.4	111	247.0
5410	3.5	138.9	114	247.0
5420	3.3	136.4	116	246.5
5430	3.1	133.9	119	246.7
5440	2.7	131.5	121	246.2
5450	2.6	129.0	123	246.2
5460	2.4	126.6	126	245.7
5470	2.3	124.1	128	245.4
5480	1.8	121.7	131	244.6
5490	-3.0	119.2	133	243.5
5500	-8.8	116.8	136	240.9
5510	-8.5	114.4	138	237.2
5520	-5.4	112.1	140	234.2
5530	-2.6	109.7	143	231.6
5540	-1.5	107.4	145	229.7
5550	-3.5	105.2	147	227.8
5560	-7.2	102.9	150	225.2
5570	-9.4	100.7	152	221.7
5580	-8.4	98.5	154	218.3
5590	-5.7	96.3	156	214.8
5600	-5.3	94.2	158	212.4
5610	-7.2	92.1	160	209.7
5620	-9.8	90.0	162	206.3
5630	-12.6	88.0	164	201.7
5640	-14.9	86.0	166	197.0
5650	-15.7	84.2	168	169.5
5660	-3.3	82.4	170	177.8
5670	3.4	81.1	171	138.7
5680	13.6	79.8	173	117.9
5690	26.6	78.8	174	89.7
5700	22.6	77.9	175	84.9
5710	7.6	77.2	175	70.5
5720	-0.7	76.6	176	58.3
5730	-9.5	76.0	176	48.4
5740	-25.1	75.6	177	34.8
5750	-29.4	75.3	177	30.3
5760	-26.4	75.1	177	20.2
5770	-19.4	74.9	178	17.5
5780	-12.9	74.7	178	12.7
5790	-13.0	74.7	178	8.5
5800	-19.0	74.6	178	4.5
5810	-25.0	74.6	178	-0.7
5820	-29.3	74.6	178	-5.5
5830	-30.4	74.7	178	-11.4
5840	-28.2	74.9	178	-18.6
5850	-26.4	75.2	177	-25.5
5860	-28.7	75.5	177	-31.9
5870	-34.3	76.0	176	-47.9
5880	-38.4	76.5	176	-52.9
5890	-41.0	77.1	175	-57.2

5900	-40.5	77.8	175	-82.2
5910	-37.4	78.7	174	-93.9
5920	-33.0	79.5	173	-95.3
5930	-29.4	80.6	172	-93.4
5940	-29.0	81.6	171	-100.6
5950	-30.8	82.8	170	-107.8
5960	-33.8	84.1	168	-140.2
5970	-35.8	85.5	167	-150.4
5980	-36.3	86.9	166	-146.1
5990	-35.4	88.5	164	-156.5
6000	-34.2	90.1	162	-166.1
6010	-33.6	91.8	161	-175.4
6020	-32.7	93.7	159	-184.4
6030	-32.1	95.6	157	-193.0
6040	-32.0	97.6	155	-201.5
6050	-30.9	99.6	153	-210.3
6060	-29.7	101.8	151	-218.5
6070	-28.9	104.1	148	-226.0
6080	-29.7	106.4	146	-233.4
6090	-31.1	108.8	144	-241.4
6100	-29.7	111.2	141	-249.1
6110	-26.8	113.8	139	-256.6
6120	-23.1	116.4	136	-263.0
6130	-19.8	119.1	133	-268.3
6140	-16.8	121.8	131	-272.3
6150	-16.7	124.5	128	-276.0
6160	-18.6	127.3	125	-279.5
6170	-18.8	130.2	122	-283.7
6180	-17.6	133.0	119	-288.3
6190	-15.9	135.9	117	-291.2
6200	-14.5	138.9	114	-291.2
6210	-15.1	141.8	111	-290.9
6220	-17.1	144.7	108	-291.2
6230	-17.4	147.6	105	-291.2
6240	-16.8	150.5	102	-291.5
6250	-15.7	153.4	99	-291.7
6260	-13.7	156.3	96	-290.9
6270	-11.0	159.2	93	-290.9
6280	-10.2	162.1	90	-290.7
6290	-9.9	165.0	87	-290.4
6300	-8.3	168.0	84	-290.1
6310	-7.3	170.9	82	-290.4
6320	-5.0	173.8	79	-290.4
6330	-3.7	176.7	76	-290.1
6340	-3.1	179.6	73	-289.9
6350	-3.0	182.5	70	-289.3
6360	-3.0	185.3	67	-288.8
6370	-3.1	188.2	64	-288.0
6380	-3.0	191.1	61	-288.0
6390	-3.0	194.0	58	-286.9
6400	-2.6	196.9	56	-286.4
6410	0.0	199.7	53	-285.9
6420	3.5	202.6	50	-284.0
6430	4.5	205.4	47	-281.3

6440	3.1	208.2	44	-279.0
6450	1.2	210.9	42	-276.6
6460	0.0	213.7	39	-275.2
6470	0.1	216.4	36	-273.6
6480	1.5	219.2	33	-272.3
6490	2.8	221.9	31	-269.9
6500	4.2	224.6	28	-268.0
6510	4.9	227.2	25	-265.4
6520	5.3	229.9	23	-262.7
6530	4.3	232.5	20	-259.8
6540	4.1	235.0	17	-257.4
6550	5.8	237.6	15	-255.0
6560	8.5	240.1	12	-252.1
6570	10.3	242.6	10	-247.8
6580	10.4	245.1	7	-243.3
6590	9.5	247.5	5	-239.0
6600	7.9	249.8	3	-235.6
6610	6.8	252.1	0	-232.1
6620	8.5	254.4	-2	-228.6
6630	10.2	256.7	-4	-224.9
6640	11.8	258.9	-6	-220.6
6650	12.6	261.1	-9	-215.6
6660	4.6	263.0	-11	-187.9
6670	-3.7	264.7	-12	-171.1
6680	-17.6	266.0	-14	-129.9
6690	-35.8	267.1	-15	-108.8
6700	-34.4	268.0	-16	-89.9
6710	-19.0	268.8	-16	-65.7
6720	0.9	269.4	-17	-58.5
6730	2.0	269.9	-17	-42.8
6740	18.0	270.4	-18	-41.5
6750	30.4	270.7	-18	-27.9
6760	30.9	270.9	-18	-21.0
6770	23.9	271.0	-19	-11.4
6780	16.1	271.1	-19	-5.5
6790	13.2	271.1	-19	-1.0
6800	15.9	271.1	-19	0.2
6810	23.1	271.1	-19	3.7
6820	27.9	271.0	-19	11.1
6830	27.8	270.8	-18	16.2
6840	23.3	270.6	-18	22.8
6850	19.0	270.3	-18	28.4
6860	18.2	269.9	-17	40.9
6870	21.4	269.5	-17	46.0
6880	25.9	269.0	-17	52.9
6890	28.3	268.5	-16	60.4
6900	27.5	267.9	-15	62.5
6910	23.3	267.2	-15	64.1
6920	18.7	266.4	-14	83.8
6930	17.6	265.6	-13	88.9
6940	20.3	264.8	-12	94.5
6950	23.6	263.9	-11	91.3
6960	26.0	263.0	-11	87.8
6970	25.0	261.9	-9	104.3

6980	22.2	260.8	-8	121.3
6990	19.1	259.7	-7	116.3
7000	18.0	258.5	-6	121.3
7010	18.2	257.2	-5	126.1
7020	19.3	255.9	-3	131.2
7030	21.0	254.6	-2	136.3
7040	21.3	253.2	-1	141.6
7050	20.6	251.7	1	147.4
7060	19.7	250.2	2	152.8
7070	18.4	248.6	4	157.8
7080	17.1	247.0	5	162.3
7090	16.7	245.4	7	166.3
7100	16.4	243.7	9	170.9
7110	16.5	241.9	11	174.6
7120	16.5	240.1	12	178.6
7130	15.6	238.3	14	182.6
7140	14.5	236.5	16	186.0
7150	13.0	234.6	18	189.5
7160	12.3	232.7	20	192.4
7170	12.5	230.7	22	195.4
7180	12.5	228.8	24	198.0
7190	12.5	226.8	26	200.7
7200	12.3	224.7	28	203.6
7210	11.9	222.7	30	206.3
7220	10.4	220.6	32	208.4
7230	9.6	218.5	34	210.3
7240	9.2	216.4	36	212.1
7250	10.0	214.2	38	214.0
7260	11.0	212.1	40	215.9
7270	10.4	209.9	43	218.3
7280	9.1	207.7	45	220.1
7290	8.0	205.5	47	222.0
7300	7.9	203.3	49	223.3
7310	8.5	201.0	51	224.9
7320	8.1	198.8	54	226.2
7330	7.2	196.5	56	227.3
7340	6.6	194.2	58	228.4
7350	5.6	191.9	61	229.4
7360	4.7	189.6	63	229.7
7370	5.0	187.3	65	230.2
7380	5.8	185.0	67	230.2
7390	7.3	182.7	70	231.3
7400	6.9	180.4	72	232.1
7410	6.1	178.1	74	233.2
7420	5.4	175.7	77	234.0
7430	4.9	173.4	79	234.2
7440	4.2	171.0	81	234.5
7450	4.1	168.7	84	234.8
7460	4.3	166.3	86	234.8
7470	4.6	164.0	88	234.8
7480	4.3	161.6	91	235.0
7490	4.3	159.3	93	235.3
7500	3.7	156.9	96	235.3
7510	3.3	154.6	98	235.3

7520	3.1	152.2	100	235.0
7530	3.4	149.9	103	235.0
7540	3.7	147.5	105	234.8
7550	3.7	145.2	107	234.8
7560	3.4	142.8	110	235.0
7570	3.3	140.5	112	234.8
7580	3.1	138.1	114	234.5
7590	3.1	135.8	117	234.5
7600	3.1	133.5	119	234.2
7610	3.0	131.1	121	234.2
7620	3.0	128.8	124	234.0
7630	2.6	126.4	126	233.7
7640	2.4	124.1	128	233.4
7650	2.3	121.8	131	232.6
7660	2.2	119.4	133	232.1
7670	1.8	117.1	135	231.8
7680	-1.6	114.8	138	231.0
7690	-5.2	112.5	140	228.9
7700	-5.6	110.2	142	226.0
7710	-2.6	108.0	144	223.0
7720	0.4	105.8	147	222.0
7730	0.3	103.6	149	220.9
7740	-2.2	101.4	151	219.9
7750	-4.2	99.2	153	217.7
7760	-4.1	97.0	155	215.3
7770	-3.3	94.9	158	213.5
7780	-3.3	92.8	160	211.1
7790	-3.7	90.7	162	209.5
7800	-4.2	88.6	164	207.3
7810	-6.0	86.5	166	204.7
7820	-8.5	84.6	168	181.2
7830	-0.8	82.8	170	161.0
7840	4.9	81.1	171	162.6
7850	20.2	79.9	173	125.3
7860	33.9	78.8	174	106.2
7870	28.1	77.9	175	89.1
7880	11.7	77.1	175	72.6
7890	-1.4	76.5	176	59.6
7900	-1.2	75.9	177	49.5
7910	-9.8	75.5	177	40.4
7920	-20.2	75.2	177	35.1
7930	-22.1	74.9	178	25.2
7940	-19.8	74.7	178	21.0
7950	-15.7	74.5	178	13.8
7960	-13.8	74.4	178	9.5
7970	-17.2	74.4	178	4.5
7980	-23.9	74.4	178	-0.7
7990	-30.1	74.4	178	-4.2
8000	-34.7	74.5	178	-11.9
8010	-36.3	74.7	178	-19.4
8020	-35.4	75.0	177	-30.8
8030	-35.3	75.4	177	-44.4
8040	-36.7	75.8	177	-50.0
8050	-38.5	76.4	176	-54.3

8060	-39.6	77.1	175	-78.0
8070	-38.6	77.9	175	-81.4
8080	-35.8	78.8	174	-82.2
8090	-31.9	79.7	173	-91.3
8100	-28.2	80.9	172	-120.3
8110	-27.5	82.0	170	-128.5
8120	-28.3	83.3	169	-136.8
8130	-30.1	84.5	168	-118.2
8140	-31.9	85.9	167	-139.5
8150	-32.3	87.4	165	-148.2
8160	-32.0	88.9	164	-157.0
8170	-31.2	90.6	162	-165.8
8180	-29.8	92.3	160	-174.1
8190	-28.7	94.1	158	-182.0
8200	-28.5	96.0	156	-189.5
8210	-29.2	97.9	155	-196.7
8220	-29.2	99.9	153	-204.7
8230	-28.5	102.0	150	-212.1
8240	-27.9	104.2	148	-219.3
8250	-28.7	106.5	146	-226.8
8260	-30.4	108.8	144	-234.2
8270	-29.3	111.2	141	-241.9
8280	-26.7	113.7	139	-249.1
8290	-23.5	116.2	136	-255.5
8300	-20.3	118.8	134	-261.1
8310	-18.2	121.5	131	-265.6
8320	-19.1	124.1	128	-269.6
8330	-22.2	126.9	126	-274.4
8340	-23.3	129.7	123	-279.5
8350	-22.0	132.5	120	-284.8
8360	-18.8	135.4	117	-289.9
8370	-15.9	138.3	114	-291.5
8380	-16.0	141.2	111	-291.2
8390	-19.1	144.1	108	-291.7
8400	-21.4	147.0	105	-292.0
8410	-22.0	150.0	102	-292.3
8420	-21.6	152.9	100	-292.0
8430	-19.4	155.8	97	-291.7
8440	-16.0	158.7	94	-291.5
8450	-15.2	161.6	91	-290.9
8460	-15.7	164.5	88	-291.2
8470	-15.5	167.5	85	-291.2
8480	-15.9	170.4	82	-290.9
8490	-15.3	173.3	79	-291.2
8500	-13.7	176.2	76	-291.2
8510	-12.2	179.1	73	-291.2
8520	-10.4	182.0	70	-290.9
8530	-9.4	184.9	68	-290.4
8540	-9.2	187.8	65	-290.7
8550	-7.5	190.7	62	-290.4
8560	-5.2	193.6	59	-290.4
8570	-4.2	196.5	56	-290.1
8580	-3.7	199.4	53	-290.4
8590	-3.1	202.3	50	-289.6

8600	-3.0	205.2	47	-289.3
8610	-2.8	208.1	44	-289.1
8620	-2.7	211.0	41	-288.5
8630	-2.2	213.9	39	-287.7
8640	3.1	216.8	36	-286.4
8650	9.4	219.6	33	-283.5
8660	9.6	222.4	30	-279.2
8670	5.0	225.2	27	-275.5
8680	1.1	227.9	25	-272.8
8690	0.0	230.6	22	-271.5
8700	2.0	233.3	19	-269.9
8710	6.8	236.0	16	-267.5
8720	11.1	238.7	14	-263.8
8730	12.2	241.3	11	-259.3
8740	11.3	243.8	9	-254.2
8750	8.3	246.3	6	-250.2
8760	6.8	248.8	4	-246.5
8770	6.5	251.2	1	-243.0
8780	8.9	253.6	-1	-240.1
8790	12.2	256.0	-4	-235.6
8800	14.5	258.3	-6	-230.5
8810	14.9	260.6	-8	-225.2
8820	7.1	262.6	-10	-182.3
8830	-3.5	264.4	-12	-167.9
8840	-22.6	265.9	-13	-152.0
8850	-44.9	267.0	-15	-115.2
8860	-46.9	268.0	-16	-95.0
8870	-29.7	268.9	-16	-82.5
8880	-9.5	269.5	-17	-60.4
8890	0.8	270.0	-18	-43.1
8900	6.1	270.4	-18	-38.8
8910	21.3	270.7	-18	-26.8
8920	27.5	271.0	-19	-24.2
8930	23.9	271.1	-19	-14.9
8940	15.9	271.3	-19	-9.3
8950	11.3	271.3	-19	-5.3
8960	12.7	271.4	-19	-2.6
8970	18.0	271.4	-19	0.2
8980	25.0	271.3	-19	2.3
8990	26.7	271.3	-19	9.3
9000	22.6	271.1	-19	17.0
9010	17.1	270.9	-18	20.4
9020	15.1	270.6	-18	30.6
9030	17.8	270.3	-18	34.6
9040	23.5	269.9	-17	40.7
9050	28.1	269.5	-17	43.3
9060	29.2	269.0	-17	51.1
9070	26.6	268.5	-16	52.9
9080	22.5	267.8	-15	72.1
9090	19.8	267.1	-15	71.6
9100	19.5	266.4	-14	69.4
9110	22.4	265.5	-13	90.5
9120	25.4	264.7	-12	96.9
9130	26.2	263.8	-11	94.7

9140	24.4	262.8	-10	91.5
9150	21.2	261.7	-9	118.4
9160	19.0	260.6	-8	124.3
9170	18.6	259.4	-7	117.9
9180	19.5	258.2	-6	123.2
9190	20.3	256.9	-4	128.3
9200	20.3	255.6	-3	133.9
9210	19.7	254.2	-2	139.2
9220	18.2	252.8	0	144.2
9230	16.1	251.3	1	149.0
9240	15.7	249.8	3	153.0
9250	16.0	248.2	4	157.0
9260	16.5	246.6	6	160.7
9270	17.0	245.0	7	165.3
9280	16.4	243.3	9	169.3
9290	15.5	241.6	11	173.3
9300	14.4	239.8	13	176.7
9310	13.4	238.0	14	180.2
9320	12.9	236.2	16	183.4
9330	12.3	234.3	18	186.0
9340	12.1	232.4	20	189.2
9350	11.8	230.5	22	191.6
9360	11.1	228.6	24	194.0
9370	10.6	226.6	26	196.4
9380	10.3	224.6	28	198.6
9390	9.9	222.6	30	200.7
9400	8.9	220.6	32	202.8
9410	8.5	218.6	34	204.4
9420	8.1	216.5	36	205.7
9430	8.5	214.5	38	207.3
9440	8.5	212.4	40	208.7
9450	7.7	210.3	42	210.3
9460	6.6	208.2	44	211.3
9470	6.2	206.0	46	212.4
9480	6.4	203.9	49	213.2
9490	6.6	201.8	51	214.3
9500	6.4	199.6	53	215.3
9510	5.3	197.5	55	215.9
9520	5.0	195.3	57	216.4
9530	5.2	193.1	59	216.9
9540	5.6	190.9	62	217.5
9550	5.7	188.8	64	218.0
9560	6.5	186.6	66	218.8
9570	6.8	184.4	68	219.6
9580	6.5	182.2	70	220.4
9590	4.9	180.0	72	221.4
9600	4.1	177.8	75	221.7
9610	4.3	175.5	77	221.7
9620	4.5	173.3	79	222.0
9630	4.2	171.1	81	222.5
9640	3.7	168.9	84	222.2
9650	3.4	166.6	86	222.5
9660	3.5	164.4	88	222.5
9670	3.5	162.2	90	222.2

9680	4.2	160.0	92	222.2
9690	4.3	157.7	95	222.5
9700	4.1	155.5	97	222.5
9710	3.1	153.3	99	222.8
9720	3.0	151.1	101	222.5
9730	3.0	148.8	104	222.5
9740	3.3	146.6	106	222.2
9750	3.4	144.4	108	222.2
9760	3.7	142.2	110	222.2
9770	3.8	139.9	113	222.0
9780	3.7	137.7	115	222.2
9790	3.1	135.5	117	222.2
9800	2.8	133.3	119	222.2
9810	2.6	131.1	121	222.0
9820	2.6	128.8	124	221.4
9830	2.4	126.6	126	221.4
9840	2.3	124.4	128	221.2
9850	2.3	122.2	130	220.6
9860	2.2	120.0	132	220.4
9870	1.9	117.8	135	219.9
9880	0.4	115.6	137	219.3
9890	-2.6	113.4	139	218.0
9900	-4.3	111.3	141	216.1
9910	-3.5	109.1	143	214.0
9920	-0.9	107.0	145	212.1
9930	-0.3	104.9	148	210.8
9940	-2.6	102.8	150	209.5
9950	-5.3	100.7	152	207.6
9960	-6.2	98.6	154	204.9
9970	-5.4	96.6	156	202.5
9980	-4.9	94.6	158	199.9
9990	-5.6	92.6	160	197.5
10000	-6.6	90.7	162	194.6
10010	-7.3	88.7	164	191.6
10020	-9.1	86.8	166	188.4
10030	-11.9	85.1	167	166.3
10040	-9.1	83.3	169	150.1
10050	2.8	81.8	171	157.3
10060	4.3	80.6	172	110.2
10070	13.7	79.5	173	104.8
10080	19.3	78.5	174	89.7
10090	11.7	77.7	175	76.4
10100	-0.4	77.1	175	69.7
10110	-0.9	76.5	176	53.7
10120	-10.7	76.0	176	44.9
10130	-22.9	75.7	177	35.9
10140	-25.6	75.4	177	28.2
10150	-22.8	75.1	177	21.8
10160	-17.4	75.0	177	14.3
10170	-13.6	74.8	178	11.1
10180	-15.7	74.7	178	7.9
10190	-21.6	74.7	178	2.3
10200	-28.6	74.7	178	-1.5
10210	-34.2	74.8	178	-9.8

10220	-35.7	74.9	178	-17.3
10230	-34.7	75.2	177	-30.0
10240	-34.2	75.5	177	-40.4
10250	-35.4	76.0	176	-46.0
10260	-37.4	76.5	176	-50.5
10270	-38.8	77.2	175	-72.9
10280	-39.2	77.9	175	-76.6
10290	-37.4	78.7	174	-78.2
10300	-34.2	79.7	173	-87.3
10310	-30.2	80.8	172	-116.6
10320	-28.6	81.9	171	-125.1
10330	-29.2	83.1	169	-133.9
10340	-31.3	84.3	168	-142.1
10350	-33.4	85.7	167	-151.4
10360	-34.6	87.2	165	-146.6
10370	-33.9	88.7	164	-156.2
10380	-32.3	90.3	162	-165.5
10390	-30.0	92.0	160	-174.1
10400	-28.6	93.8	159	-182.6
10410	-28.7	95.7	157	-189.8
10420	-29.8	97.7	155	-197.2
10430	-29.4	99.7	153	-205.2
10440	-27.7	101.8	151	-212.9
10450	-25.6	104.0	148	-220.1
10460	-25.0	106.3	146	-226.2
10470	-25.6	108.6	144	-232.9
10480	-24.8	110.9	142	-239.3
10490	-22.0	113.4	139	-244.9
10500	-18.4	115.9	137	-250.2
10510	-15.1	118.4	134	-254.2
10520	-13.2	121.0	131	-256.9
10530	-13.8	123.6	129	-260.0
10540	-16.1	126.2	126	-262.7
10550	-17.9	128.8	124	-266.2
10560	-16.8	131.5	121	-269.9
10570	-14.8	134.2	118	-273.4
10580	-11.5	137.0	115	-276.3
10590	-9.2	139.8	113	-277.9
10600	-9.5	142.6	110	-279.5
10610	-12.2	145.4	107	-281.1
10620	-12.9	148.2	104	-283.5
10630	-12.1	151.1	101	-285.9
10640	-10.6	153.9	99	-288.0
10650	-7.5	156.8	96	-289.6
10660	-5.0	159.7	93	-290.7
10670	-6.2	162.6	90	-290.1
10680	-7.6	165.5	87	-290.7
10690	-8.4	168.4	84	-290.7
10700	-8.4	171.4	81	-290.9
10710	-7.1	174.3	78	-290.7
10720	-5.7	177.2	75	-290.7
10730	-4.3	180.1	72	-290.1
10740	-3.9	183.0	69	-289.9
10750	-3.8	185.9	67	-289.9

10760	-3.9	188.8	64	-289.3
10770	-3.5	191.7	61	-289.3
10780	-3.4	194.6	58	-289.1
10790	-3.1	197.4	55	-288.8
10800	-3.0	200.3	52	-288.3
10810	-3.0	203.2	49	-287.7
10820	-2.8	206.1	46	-287.5
10830	-2.8	209.0	43	-286.7
10840	-2.3	211.8	41	-286.4
10850	0.4	214.7	38	-285.3
10860	5.3	217.5	35	-282.7
10870	5.6	220.3	32	-280.0
10880	2.4	223.1	29	-277.1
10890	-1.4	225.9	27	-275.5
10900	-2.6	228.6	24	-274.4
10910	-1.4	231.3	21	-273.9
10920	0.4	234.1	18	-272.6
10930	4.1	236.8	16	-271.0
10940	6.6	239.5	13	-268.0
10950	7.5	242.1	10	-264.3
10960	6.9	244.8	8	-260.8
10970	6.8	247.3	5	-257.7
10980	7.7	249.9	3	-254.7
10990	10.0	252.4	0	-250.5
11000	12.9	254.9	-2	-245.9
11010	13.8	257.3	-5	-240.9
11020	12.9	259.7	-7	-235.6
11030	9.9	262.0	-10	-249.1
11040	-4.2	263.8	-11	-187.6
11050	-26.4	265.4	-13	-153.0
11060	-50.9	266.8	-14	-113.1
11070	-57.2	267.9	-15	-103.8
11080	-44.1	268.7	-16	-82.7
11090	-18.8	269.5	-17	-71.6
11100	0.4	270.0	-18	-50.8
11110	3.1	270.4	-18	-44.7
11120	16.7	270.8	-18	-32.2
11130	27.5	271.0	-19	-20.7
11140	27.1	271.2	-19	-14.9
11150	19.7	271.3	-19	-9.0
11160	12.9	271.3	-19	-3.7
11170	11.8	271.3	-19	0.0
11180	17.1	271.3	-19	0.2
11190	24.0	271.3	-19	5.0
11200	25.9	271.2	-19	10.6
11210	22.4	271.0	-19	17.0
11220	16.0	270.8	-18	27.1
11230	12.6	270.5	-18	29.0
11240	14.4	270.2	-18	29.5
11250	20.2	269.8	-17	33.2
11260	26.0	269.4	-17	38.6
11270	28.2	268.9	-16	49.7
11280	25.6	268.4	-16	63.3
11290	21.2	267.8	-15	63.8

11300	17.1	267.1	-15	76.6
11310	16.3	266.3	-14	81.7
11320	18.2	265.6	-13	78.5
11330	21.3	264.8	-12	75.0
11340	22.5	263.9	-11	80.1
11350	21.4	262.9	-10	104.3
11360	19.4	262.0	-10	100.0
11370	17.6	260.9	-8	94.5
11380	17.2	259.8	-7	109.6
11390	18.2	258.7	-6	114.4
11400	19.1	257.5	-5	119.0
11410	19.0	256.2	-4	124.3
11420	18.6	255.0	-3	129.3
11430	17.6	253.6	-1	134.1
11440	15.7	252.3	0	138.4
11450	15.2	250.8	2	142.6
11460	15.2	249.4	3	146.4
11470	15.3	247.9	5	150.1
11480	14.9	246.4	6	153.8
11490	14.5	244.8	8	157.6
11500	13.6	243.2	9	161.3
11510	13.2	241.6	11	164.2
11520	13.3	239.9	13	167.4
11530	12.9	238.2	14	170.6
11540	12.3	236.5	16	173.5
11550	11.3	234.7	18	176.2
11560	9.6	232.9	20	178.6
11570	9.2	231.1	21	180.7
11580	9.2	229.3	23	182.3
11590	10.2	227.5	25	184.2
11600	11.3	225.6	27	186.6
11610	10.8	223.7	29	189.0
11620	9.2	221.8	31	191.1
11630	7.1	219.9	33	193.0
11640	5.8	218.0	34	193.8
11650	5.8	216.0	36	194.6
11660	7.2	214.1	38	195.6
11670	8.5	212.1	40	196.7
11680	8.3	210.1	42	198.6
11690	7.5	208.1	44	199.9
11700	6.5	206.1	46	201.5
11710	6.4	204.1	48	202.3
11720	6.6	202.1	50	203.1
11730	6.2	200.0	52	204.1
11740	5.2	198.0	54	204.9
11750	4.6	195.9	57	205.5
11760	4.9	193.9	59	205.7
11770	5.2	191.8	61	206.3
11780	4.7	189.7	63	206.8
11790	4.2	187.7	65	207.3
11800	3.9	185.6	67	207.6
11810	3.9	183.5	69	207.6
11820	4.1	181.4	71	207.9
11830	3.5	179.4	73	208.1

11840	3.9	177.3	75	208.4
11850	4.5	175.2	77	208.4
11860	4.5	173.1	79	208.7
11870	3.7	171.0	81	208.9
11880	2.8	168.9	84	208.9
11890	3.0	166.8	86	208.9
11900	3.4	164.7	88	208.4
11910	3.9	162.7	90	208.7
11920	4.9	160.6	92	209.2
11930	5.6	158.5	94	209.5
11940	4.9	156.4	96	210.0
11950	4.2	154.3	98	210.3
11960	3.7	152.2	100	210.5
11970	3.7	150.1	102	210.8
11980	3.8	148.0	104	210.8
11990	3.8	145.8	107	211.1
12000	3.5	143.7	109	210.8
12010	3.4	141.6	111	210.8
12020	3.1	139.5	113	211.1
12030	2.7	137.4	115	211.1
12040	2.6	135.3	117	210.8
12050	2.4	133.2	119	210.5
12060	2.3	131.1	121	210.3
12070	2.2	129.0	123	209.7
12080	2.0	126.9	126	209.7
12090	1.8	124.8	128	209.2
12100	-0.1	122.7	130	208.4
12110	-5.6	120.6	132	207.1
12120	-7.2	118.6	134	204.1
12130	-3.8	116.6	136	201.5
12140	0.4	114.5	138	199.9
12150	1.4	112.6	140	199.1
12160	-1.2	110.6	142	198.6
12170	-4.5	108.6	144	196.7
12180	-5.6	106.6	146	194.6
12190	-5.2	104.7	148	192.2
12200	-4.2	102.8	150	189.8
12210	-3.8	100.9	152	187.6
12220	-3.5	99.1	153	185.8
12230	-4.3	97.2	155	183.6
12240	-6.2	95.4	157	181.5
12250	-8.4	93.6	159	178.6
12260	-9.2	91.8	161	175.7
12270	-8.3	90.1	162	171.9
12280	-6.5	88.4	164	168.7
12290	-6.4	86.8	166	166.1
12300	-8.3	85.2	167	146.9
12310	-6.5	83.6	169	134.9
12320	2.4	82.3	170	131.7
12330	2.4	81.1	171	114.7
12340	4.5	80.0	172	109.4
12350	7.7	79.2	173	86.7
12360	3.8	78.4	174	75.0
12370	-0.1	77.7	175	64.6

12380	-2.7	77.1	175	61.4
12390	-16.1	76.6	176	47.1
12400	-26.0	76.2	176	38.3
12410	-27.9	75.9	177	27.1
12420	-23.6	75.6	177	24.7
12430	-17.6	75.5	177	16.7
12440	-14.5	75.3	177	12.2
12450	-17.4	75.3	177	7.1
12460	-22.9	75.2	177	1.8
12470	-29.3	75.2	177	-1.5
12480	-33.1	75.3	177	-10.1
12490	-32.1	75.5	177	-19.4
12500	-29.2	75.7	177	-29.0
12510	-28.1	76.0	176	-37.8
12520	-29.6	76.4	176	-42.3
12530	-33.0	76.9	176	-45.5
12540	-35.4	77.5	175	-65.7
12550	-35.1	78.1	174	-68.9
12560	-31.9	78.9	174	-70.2
12570	-27.8	79.7	173	-78.2
12580	-25.6	80.7	172	-84.6
12590	-26.3	81.6	171	-90.5
12600	-29.2	82.8	170	-119.0
12610	-30.9	83.8	169	-115.2
12620	-30.9	85.1	167	-111.0
12630	-28.9	86.4	166	-131.5
12640	-26.2	87.8	165	-139.2
12650	-24.8	89.2	163	-146.4
12660	-24.7	90.8	162	-153.0
12670	-25.9	92.3	160	-159.4
12680	-25.8	94.0	158	-166.6
12690	-26.0	95.7	157	-173.0
12700	-25.8	97.5	155	-179.9
12710	-24.7	99.3	153	-186.8
12720	-24.0	101.2	151	-193.0
12730	-23.9	103.2	149	-198.8
12740	-24.1	105.3	147	-204.9
12750	-24.5	107.4	145	-211.6
12760	-23.6	109.5	143	-217.5
12770	-21.3	111.7	141	-223.6
12780	-19.9	114.0	138	-228.4
12790	-19.7	116.3	136	-233.2
12800	-19.5	118.7	134	-238.0
12810	-18.8	121.1	131	-242.5
12820	-18.3	123.6	129	-246.5
12830	-18.2	126.1	126	-250.7
12840	-17.8	128.6	124	-255.0
12850	-16.5	131.2	121	-258.7
12860	-15.7	133.8	119	-262.2
12870	-15.1	136.4	116	-265.4
12880	-14.1	139.1	113	-268.6
12890	-14.0	141.8	111	-271.2
12900	-15.5	144.6	108	-274.4
12910	-15.6	147.3	105	-277.4

12920	-14.8	150.1	102	-280.5
12930	-14.1	153.0	99	-283.7
12940	-12.3	155.8	97	-286.1
12950	-10.2	158.7	94	-288.5
12960	-11.3	161.6	91	-289.9
12970	-13.4	164.5	88	-290.9
12980	-15.5	167.4	85	-291.2
12990	-17.5	170.3	82	-291.5
13000	-18.0	173.2	79	-291.7
13010	-16.7	176.2	76	-291.5
13020	-15.2	179.1	73	-291.5
13030	-12.6	182.0	70	-291.2
13040	-10.6	184.9	68	-290.9
13050	-9.9	187.8	65	-290.9
13060	-8.4	190.7	62	-290.7
13070	-6.8	193.6	59	-290.7
13080	-6.0	196.5	56	-290.7
13090	-6.1	199.4	53	-290.4
13100	-5.7	202.3	50	-290.4
13110	-5.7	205.2	47	-290.4
13120	-4.6	208.1	44	-290.7
13130	-3.1	211.1	41	-290.1
13140	-3.1	214.0	38	-289.9
13150	-3.0	216.8	36	-289.6
13160	-3.1	219.7	33	-289.1
13170	-2.8	222.6	30	-288.5
13180	-2.8	225.5	27	-288.0
13190	-1.6	228.4	24	-287.2
13200	3.3	231.2	21	-285.9
13210	7.1	234.1	18	-282.9
13220	5.8	236.9	16	-279.0
13230	1.8	239.7	13	-276.6
13240	-0.4	242.4	10	-275.2
13250	0.1	245.2	7	-273.6
13260	3.0	247.9	5	-272.3
13270	5.8	250.6	2	-269.9
13280	8.8	253.3	-1	-266.4
13290	10.0	255.9	-3	-262.2
13300	9.8	258.5	-6	-257.9
13310	8.8	261.0	-9	-250.5
13320	-3.0	263.2	-11	-221.2
13330	-20.7	265.2	-13	-193.5
13340	-46.4	266.6	-14	-142.9
13350	-61.7	267.9	-15	-116.0
13360	-54.2	268.8	-16	-91.8
13370	-28.9	269.6	-17	-64.1
13380	-2.2	270.2	-18	-54.3
13390	1.4	270.6	-18	-37.5
13400	8.5	271.0	-19	-32.7
13410	22.5	271.2	-19	-21.0
13420	26.7	271.4	-19	-15.7
13430	21.2	271.5	-19	-7.1
13440	12.9	271.6	-19	-2.9
13450	9.9	271.6	-19	0.0

13460	15.1	271.6	-19	0.2
13470	22.0	271.5	-19	4.5
13480	25.8	271.4	-19	9.3
13490	25.2	271.3	-19	19.1
13500	20.3	271.1	-19	24.2
13510	15.2	270.8	-18	26.6
13520	13.6	270.4	-18	37.0
13530	17.2	270.1	-18	40.9
13540	23.9	269.7	-17	46.5
13550	29.0	269.2	-17	52.9
13560	29.8	268.6	-16	62.2
13570	26.4	268.0	-16	64.1
13580	21.4	267.3	-15	78.2
13590	18.3	266.6	-14	76.9
13600	18.0	265.8	-13	73.7
13610	20.9	264.9	-12	78.0
13620	23.7	264.0	-12	82.7
13630	24.7	263.0	-11	108.0
13640	23.3	262.0	-10	115.0
13650	20.7	260.9	-8	121.6
13660	17.9	259.7	-7	116.3
13670	16.5	258.5	-6	120.8
13680	16.8	257.3	-5	125.3
13690	17.8	256.0	-4	129.9
13700	19.5	254.7	-2	134.9
13710	20.2	253.3	-1	140.0
13720	18.4	251.9	1	145.3
13730	17.1	250.4	2	149.8
13740	15.3	248.8	4	154.1
13750	14.1	247.3	5	158.1
13760	13.7	245.7	7	161.5
13770	14.2	244.0	8	164.7
13780	14.6	242.3	10	167.9
13790	14.9	240.6	12	171.9
13800	13.8	238.9	14	175.1
13810	12.5	237.1	15	178.3
13820	11.5	235.3	17	181.2
13830	10.8	233.5	19	183.9
13840	11.1	231.6	21	186.0
13850	11.1	229.7	23	188.4
13860	10.8	227.8	25	190.8
13870	9.9	225.9	27	193.2
13880	8.9	224.0	28	195.4
13890	7.9	222.0	30	197.0
13900	7.1	220.0	32	198.6
13910	7.2	218.0	34	199.9
13920	7.3	216.0	36	200.9
13930	8.0	214.0	38	202.0
13940	8.0	212.0	40	203.9
13950	6.6	209.9	43	204.9
13960	5.4	207.9	45	206.0
13970	5.2	205.8	47	206.8
13980	5.6	203.7	49	207.3
13990	6.2	201.6	51	208.1

14000	5.7	199.6	53	209.2
14010	4.3	197.5	55	209.5
14020	4.1	195.4	57	209.5
14030	4.1	193.3	59	209.7
14040	4.1	191.2	61	210.3
14050	4.1	189.1	63	210.5
14060	4.3	187.0	65	210.5
14070	4.5	184.8	68	211.1
14080	4.7	182.7	70	211.3
14090	4.1	180.6	72	211.6
14100	3.5	178.5	74	212.1
14110	3.5	176.4	76	211.9
14120	3.4	174.3	78	211.9
14130	3.3	172.1	80	211.9
14140	2.8	170.0	82	211.9
14150	2.7	167.9	85	211.6
14160	2.8	165.8	87	211.6
14170	2.6	163.7	89	211.3
14180	2.4	161.6	91	211.1
14190	2.4	159.4	93	211.1
14200	2.4	157.3	95	210.8
14210	2.6	155.2	97	210.3
14220	2.6	153.1	99	210.3
14230	2.6	151.0	101	210.0
14240	2.6	148.9	104	209.7
14250	2.7	146.8	106	209.2
14260	2.7	144.7	108	209.2
14270	2.8	142.6	110	209.2
14280	3.0	140.6	112	208.7
14290	3.3	138.5	114	208.7
14300	3.1	136.4	116	208.7
14310	2.8	134.3	118	208.7
14320	2.6	132.2	120	208.7
14330	2.3	130.1	122	208.4
14340	2.3	128.0	124	207.9
14350	2.2	126.0	126	207.6
14360	2.2	123.9	129	207.3
14370	2.0	121.8	131	207.1
14380	2.0	119.8	133	206.5
14390	1.4	117.7	135	206.0
14400	-1.1	115.6	137	205.5
14410	-3.4	113.6	139	203.9
14420	-3.1	111.6	141	201.7
14430	-1.2	109.6	143	200.1
14440	0.5	107.6	145	198.8
14450	0.8	105.6	147	198.3
14460	-0.9	103.6	149	197.2
14470	-2.8	101.7	151	195.6
14480	-3.3	99.7	153	193.8
14490	-2.0	97.8	155	191.9
14500	-0.9	95.9	157	190.6
14510	-1.5	94.0	158	189.2
14520	-3.4	92.1	160	187.6
14530	-5.2	90.2	162	185.5

14540	-5.8	88.4	164	183.1
14550	-6.8	86.6	166	179.9
14560	-8.0	84.8	168	177.0
14570	-3.0	83.2	169	159.4
14580	2.8	81.8	171	150.6
14590	12.2	80.6	172	118.4
14600	26.0	79.5	173	102.2
14610	26.4	78.6	174	96.1
14620	15.6	77.8	175	74.8
14630	1.6	77.2	175	62.8
14640	-0.7	76.6	176	52.9
14650	-8.8	76.2	176	44.7
14660	-21.2	75.8	177	39.6
14670	-24.8	75.5	177	29.2
14680	-22.8	75.2	177	24.4
14690	-17.8	75.0	177	16.5
14700	-13.7	74.9	178	10.6
14710	-14.9	74.8	178	8.5
14720	-19.3	74.8	178	3.1
14730	-25.2	74.8	178	-0.7
14740	-30.8	74.8	178	-6.3
14750	-33.0	75.0	177	-16.2
14760	-32.7	75.2	177	-25.8
14770	-32.1	75.5	177	-35.9
14780	-32.8	75.9	177	-40.9
14790	-34.6	76.3	176	-45.2
14800	-36.3	76.9	176	-66.0
14810	-37.0	77.6	175	-69.7
14820	-36.1	78.4	174	-71.6
14830	-33.1	79.2	173	-80.1
14840	-29.4	80.2	172	-108.0
14850	-27.3	81.2	171	-105.1
14860	-27.3	82.3	170	-112.6
14870	-28.9	83.5	169	-107.8
14880	-31.1	84.8	168	-140.0
14890	-31.6	86.2	166	-135.7
14900	-30.5	87.6	165	-144.5
14910	-28.2	89.1	163	-152.8
14920	-26.8	90.7	162	-160.5
14930	-25.2	92.3	160	-167.1
14940	-24.3	94.1	158	-174.1
14950	-24.1	95.8	157	-180.2
14960	-24.0	97.7	155	-186.3
14970	-22.6	99.6	153	-192.4
14980	-21.2	101.6	151	-198.3
14990	-19.5	103.6	149	-203.6
15000	-19.4	105.7	147	-208.1
15010	-19.9	107.8	145	-213.2
15020	-18.3	109.9	143	-218.0
15030	-15.5	112.2	140	-222.2
15040	-13.3	114.4	138	-225.4
15050	-12.6	116.7	136	-228.4
15060	-13.2	119.0	133	-231.0
15070	-13.6	121.3	131	-234.2

15080	-14.5	123.7	129	-236.9
15090	-15.5	126.1	126	-240.3
15100	-15.3	128.5	124	-243.5
15110	-13.3	131.0	121	-246.5
15120	-11.8	133.4	119	-249.1
15130	-11.0	136.0	116	-251.3
15140	-9.9	138.5	114	-253.4
15150	-10.3	141.0	111	-254.7
15160	-12.7	143.6	109	-256.9
15170	-14.2	146.2	106	-259.5
15180	-13.7	148.8	104	-261.9
15190	-12.9	151.4	101	-264.8
15200	-11.8	154.1	98	-267.0
15210	-9.8	156.8	96	-268.8
15220	-8.5	159.5	93	-270.2
15230	-10.3	162.2	90	-271.5
15240	-12.1	164.9	88	-273.1
15250	-11.5	167.7	85	-275.5
15260	-10.7	170.5	82	-277.4
15270	-8.7	173.2	79	-279.0
15280	-6.9	176.0	76	-280.0
15290	-6.6	178.9	74	-281.1
15300	-7.1	181.7	71	-281.3
15310	-7.9	184.5	68	-282.1
15320	-8.9	187.3	65	-283.2
15330	-8.8	190.2	62	-284.5
15340	-6.9	193.0	59	-285.9
15350	-5.8	195.9	57	-286.1
15360	-6.5	198.7	54	-287.2
15370	-6.5	201.6	51	-287.7
15380	-6.8	204.5	48	-288.3
15390	-6.0	207.4	45	-289.3
15400	-3.8	210.3	42	-289.9
15410	-3.1	213.2	39	-289.3
15420	-3.3	216.1	36	-289.1
15430	-3.1	219.0	33	-288.8
15440	-3.0	221.9	31	-288.3
15450	-2.8	224.7	28	-287.7
15460	-2.4	227.6	25	-286.9
15470	1.6	230.5	22	-285.9
15480	8.4	233.3	19	-283.2
15490	10.6	236.1	16	-279.0
15500	6.9	238.9	14	-274.7
15510	1.8	241.6	11	-272.0
15520	0.3	244.3	8	-270.4
15530	2.3	247.0	5	-268.6
15540	6.5	249.7	3	-266.2
15550	9.8	252.3	0	-262.7
15560	10.7	254.9	-2	-258.2
15570	8.8	257.4	-5	-253.9
15580	6.5	260.0	-8	-250.2
15590	2.7	262.3	-10	-213.5
15600	-4.5	264.3	-12	-191.6
15610	-30.2	266.0	-14	-169.8

15620	-58.2	267.3	-15	-126.4
15630	-62.4	268.3	-16	-101.9
15640	-40.3	269.2	-17	-87.3
15650	-17.1	269.9	-17	-55.1
15660	1.9	270.4	-18	-46.8
15670	1.9	270.8	-18	-40.7
15680	12.6	271.1	-19	-28.7
15690	20.9	271.3	-19	-23.1
15700	20.6	271.5	-19	-14.9
15710	16.7	271.6	-19	-9.8
15720	13.6	271.6	-19	-5.0
15730	13.8	271.6	-19	-0.7
15740	18.4	271.6	-19	0.5
15750	23.1	271.6	-19	5.3
15760	22.6	271.5	-19	12.7
15770	18.0	271.3	-19	19.7
15780	14.1	271.1	-19	22.8
15790	12.6	270.9	-18	23.6
15800	15.6	270.6	-18	29.8
15810	21.2	270.2	-18	38.0
15820	25.5	269.8	-17	44.4
15830	26.3	269.4	-17	52.1
15840	23.6	268.9	-16	54.3
15850	20.1	268.3	-16	54.5
15860	17.8	267.6	-15	72.4
15870	18.6	266.9	-14	78.0
15880	21.3	266.1	-14	83.8
15890	23.6	265.3	-13	89.9
15900	24.0	264.5	-12	96.6
15910	22.2	263.6	-11	93.9
15920	19.3	262.6	-10	89.9
15930	17.1	261.5	-9	115.2
15940	16.5	260.4	-8	119.8
15950	17.5	259.3	-7	113.4
15960	18.7	258.2	-6	118.2
15970	19.3	256.9	-4	122.9
15980	18.6	255.7	-3	128.3
15990	17.1	254.3	-2	133.3
16000	15.9	253.0	-1	137.6
16010	14.9	251.6	1	141.8
16020	14.6	250.1	2	145.6
16030	14.5	248.6	4	149.0
16040	14.1	247.1	5	152.8
16050	13.6	245.6	7	156.0
16060	13.2	244.0	8	159.4
16070	12.5	242.4	10	162.3
16080	12.5	240.7	12	165.3
16090	11.9	239.0	13	168.2
16100	11.5	237.3	15	170.9
16110	11.1	235.6	17	173.5
16120	10.2	233.9	19	175.9
16130	9.6	232.1	20	178.1
16140	8.8	230.3	22	180.2
16150	7.6	228.5	24	181.8

16160	7.1	226.6	26	183.4
16170	7.2	224.8	28	184.7
16180	8.0	222.9	30	186.3
16190	8.0	221.1	31	187.4
16200	7.9	219.2	33	189.0
16210	7.1	217.3	35	190.3
16220	6.4	215.4	37	191.4
16230	6.1	213.4	39	192.4
16240	5.3	211.5	41	193.5
16250	4.9	209.6	43	194.0
16260	5.0	207.6	45	194.6
16270	5.4	205.7	47	195.1
16280	5.8	203.7	49	195.6
16290	5.8	201.7	51	196.7
16300	4.9	199.8	53	197.5
16310	3.5	197.8	55	198.0
16320	3.3	195.8	57	197.8
16330	3.4	193.8	59	198.0
16340	3.5	191.9	61	198.0
16350	3.4	189.9	63	198.0
16360	3.5	187.9	65	198.3
16370	3.8	185.9	67	198.3
16380	4.1	183.9	69	198.3
16390	4.1	181.9	71	198.8
16400	3.3	180.0	72	199.1
16410	3.1	178.0	74	199.1
16420	3.4	176.0	76	198.8
16430	3.4	174.0	78	198.8
16440	3.3	172.0	80	199.1
16450	3.0	170.0	82	199.1
16460	3.1	168.0	84	199.1
16470	3.1	166.0	86	199.1
16480	3.1	164.0	88	199.1
16490	2.8	162.0	90	199.1
16500	3.3	160.1	92	199.1
16510	3.7	158.1	94	199.1
16520	4.5	156.1	96	199.4
16530	5.3	154.1	98	199.4
16540	5.7	152.1	100	199.9
16550	4.7	150.1	102	200.9
16560	3.3	148.1	104	201.2
16570	2.7	146.0	106	201.2
16580	2.8	144.0	108	200.9
16590	3.7	142.0	110	200.9
16600	4.7	140.0	112	200.9
16610	5.4	138.0	114	201.7
16620	5.0	136.0	116	202.0
16630	3.9	133.9	119	202.8
16640	3.1	131.9	121	202.8
16650	2.7	129.9	123	202.8
16660	3.0	127.9	125	202.8
16670	2.8	125.8	127	202.8
16680	2.7	123.8	129	202.5
16690	2.4	121.8	131	202.5

16700	2.3	119.8	133	202.0
16710	2.3	117.7	135	202.0
16720	2.2	115.7	137	201.7
16730	2.0	113.7	139	201.5
16740	1.9	111.7	141	200.9
16750	0.7	109.7	143	200.4
16760	-3.4	107.7	145	199.1
16770	-5.7	105.7	147	197.2
16780	-4.3	103.8	149	194.3
16790	-1.2	101.8	151	192.2
16800	1.1	99.9	153	191.4
16810	1.4	98.0	154	190.6
16820	-0.8	96.1	156	189.8
16830	-3.8	94.2	158	188.4
16840	-6.0	92.3	160	186.0
16850	-5.6	90.5	162	183.4
16860	-4.1	88.7	164	181.0
16870	-3.8	86.9	166	178.6
16880	-6.0	85.2	167	158.9
16890	-3.8	83.5	169	146.4
16900	2.7	82.1	170	141.0
16910	11.9	80.8	172	108.8
16920	27.7	79.7	173	105.1
16930	31.6	78.8	174	90.7
16940	22.4	78.0	174	69.4
16950	8.5	77.3	175	65.2
16960	0.0	76.7	176	54.8
16970	-2.8	76.2	176	46.8
16980	-16.0	75.8	177	38.8
16990	-25.5	75.5	177	28.2
17000	-26.2	75.2	177	25.2
17010	-21.0	75.1	177	16.2
17020	-14.0	74.9	178	9.8
17030	-10.6	74.9	178	6.6
17040	-12.6	74.8	178	4.2
17050	-18.0	74.8	178	-0.2
17060	-25.2	74.8	178	-2.3
17070	-29.6	74.9	178	-10.3
17080	-29.8	75.0	177	-18.9
17090	-29.2	75.3	177	-27.9
17100	-29.7	75.6	177	-36.7
17110	-31.6	76.0	176	-41.2
17120	-34.2	76.4	176	-44.9
17130	-35.8	77.0	175	-65.4
17140	-35.3	77.7	175	-69.2
17150	-33.0	78.4	174	-70.5
17160	-30.0	79.3	173	-78.5
17170	-27.7	80.2	172	-85.7
17180	-27.9	81.2	171	-92.1
17190	-29.8	82.4	170	-121.1
17200	-31.9	83.5	169	-129.6
17210	-32.5	84.8	168	-138.9
17220	-31.1	86.1	166	-137.1
17230	-29.4	87.5	165	-143.4

17240	-28.5	89.0	163	-151.4
17250	-28.3	90.6	162	-159.4
17260	-28.1	92.2	160	-166.6
17270	-27.7	93.9	159	-174.3
17280	-27.5	95.7	157	-181.0
17290	-27.5	97.6	155	-188.2
17300	-27.0	99.5	153	-195.9
17310	-26.4	101.6	151	-202.8
17320	-25.6	103.6	149	-209.5
17330	-25.1	105.8	147	-215.9
17340	-24.5	108.0	144	-222.5
17350	-22.4	110.3	142	-228.6
17360	-19.4	112.6	140	-234.2
17370	-17.8	115.0	137	-238.5
17380	-17.4	117.4	135	-242.7
17390	-17.5	119.8	133	-246.7
17400	-17.2	122.3	130	-250.7
17410	-17.4	124.9	128	-255.0
17420	-17.6	127.5	125	-258.7
17430	-16.1	130.1	122	-262.7
17440	-14.4	132.7	120	-266.4
17450	-13.2	135.4	117	-269.4
17460	-11.7	138.1	114	-271.8
17470	-11.1	140.9	112	-273.9
17480	-13.0	143.6	109	-276.3
17490	-15.1	146.4	106	-279.0
17500	-15.2	149.2	103	-281.6
17510	-15.5	152.1	100	-284.5
17520	-14.2	154.9	98	-287.7
17530	-10.8	157.8	95	-289.9
17540	-9.9	160.7	92	-291.2
17550	-11.5	163.7	89	-291.5
17560	-13.4	166.6	86	-291.2
17570	-14.5	169.5	83	-291.2
17580	-14.1	172.4	80	-291.5
17590	-11.8	175.3	77	-291.2
17600	-9.2	178.2	74	-290.9
17610	-7.3	181.1	71	-290.9
17620	-6.4	184.0	68	-290.1
17630	-6.6	186.9	66	-290.4
17640	-6.5	189.8	63	-290.9
17650	-5.7	192.8	60	-290.7
17660	-5.7	195.7	57	-290.7
17670	-7.3	198.6	54	-290.7
17680	-8.0	201.5	51	-290.9
17690	-8.4	204.4	48	-290.7
17700	-7.6	207.3	45	-290.7
17710	-5.2	210.2	42	-290.4
17720	-3.4	213.1	39	-290.7
17730	-3.4	216.0	36	-289.9
17740	-3.3	218.9	34	-289.3
17750	-3.1	221.8	31	-289.1
17760	-3.1	224.7	28	-288.5
17770	-2.8	227.6	25	-288.3

17780	-2.7	230.4	22	-288.0
17790	-1.4	233.3	19	-286.7
17800	5.2	236.2	16	-285.3
17810	10.0	239.0	13	-281.3
17820	8.3	241.8	11	-277.6
17830	3.0	244.5	8	-274.2
17840	-0.5	247.3	5	-272.0
17850	-0.5	250.0	2	-271.0
17860	2.7	252.7	0	-269.6
17870	8.0	255.4	-3	-266.7
17880	11.4	258.0	-6	-262.7
17890	12.5	260.6	-8	-258.2
17900	3.4	262.9	-10	-208.9
17910	-5.8	264.9	-12	-186.0
17920	-37.2	266.5	-14	-163.7
17930	-61.4	267.7	-15	-121.3
17940	-61.8	268.8	-16	-96.3
17950	-39.1	269.5	-17	-74.8
17960	-12.9	270.2	-18	-50.8
17970	2.4	270.6	-18	-42.5
17980	1.8	271.0	-19	-33.0
17990	11.4	271.2	-19	-25.5
18000	19.5	271.5	-19	-20.2
18010	19.5	271.6	-19	-12.2
18020	15.6	271.7	-19	-6.3
18030	12.7	271.7	-19	-3.4
18040	13.6	271.7	-19	0.5
18050	18.7	271.7	-19	1.3
18060	22.8	271.7	-19	6.9
18070	22.9	271.5	-19	11.4
18080	19.1	271.4	-19	16.7
18090	13.4	271.1	-19	21.5
18100	10.7	270.9	-18	30.0
18110	13.3	270.6	-18	33.2
18120	18.6	270.3	-18	34.0
18130	24.1	269.9	-17	35.4
18140	25.9	269.4	-17	41.2
18150	23.7	268.9	-16	58.0
18160	20.5	268.4	-16	59.1
18170	17.8	267.7	-15	70.5
18180	17.6	267.0	-15	76.1
18190	19.5	266.3	-14	81.4
18200	22.0	265.5	-13	87.3
18210	23.1	264.7	-12	92.1
18220	22.4	263.8	-11	100.3
18230	20.5	262.8	-10	106.7
18240	18.4	261.8	-9	91.8
18250	17.6	260.8	-8	96.3
18260	17.8	259.6	-7	111.5
18270	19.0	258.5	-6	116.3
18280	19.5	257.3	-5	121.3
18290	19.3	256.0	-4	126.7
18300	18.3	254.7	-2	132.0
18310	17.2	253.4	-1	136.5

18320	16.1	252.0	0	141.0
18330	15.7	250.5	2	145.0
18340	16.0	249.0	3	149.0
18350	15.9	247.5	5	153.3
18360	15.6	246.0	6	156.8
18370	14.9	244.4	8	161.0
18380	14.5	242.7	10	164.5
18390	14.4	241.1	11	168.2
18400	13.7	239.3	13	171.7
18410	12.3	237.6	15	174.9
18420	11.5	235.8	17	177.8
18430	10.6	234.0	18	180.4
18440	10.2	232.2	20	182.6
18450	10.3	230.4	22	184.7
18460	10.0	228.5	24	187.1
18470	9.8	226.6	26	189.2
18480	9.4	224.7	28	191.4
18490	8.7	222.8	30	193.2
18500	6.9	220.8	32	194.8
18510	6.1	218.9	34	195.9
18520	5.7	216.9	36	196.7
18530	6.1	214.9	38	197.2
18540	6.8	213.0	39	198.6
18550	6.4	211.0	41	199.4
18560	5.7	209.0	43	200.1
18570	5.2	207.0	45	200.9
18580	5.3	205.0	47	201.5
18590	5.7	202.9	50	202.0
18600	5.7	200.9	52	202.5
18610	4.3	198.9	54	203.6
18620	3.4	196.8	56	203.6
18630	3.3	194.8	58	203.6
18640	3.4	192.8	60	203.6
18650	3.4	190.7	62	203.9
18660	3.3	188.7	64	203.9
18670	3.1	186.7	66	203.6
18680	2.8	184.6	68	203.6
18690	2.7	182.6	70	203.6
18700	2.3	180.5	72	203.6
18710	2.0	178.5	74	203.3
18720	2.0	176.5	76	202.8
18730	2.0	174.5	78	202.5
18740	1.9	172.4	80	202.0
18750	1.8	170.4	82	201.7
18760	0.3	168.4	84	201.2
18770	-2.7	166.4	86	199.9
18780	-3.9	164.4	88	198.0
18790	-2.0	162.4	90	196.2
18800	1.8	160.5	92	194.8
18810	2.3	158.5	94	194.6
18820	2.2	156.6	96	194.3
18830	2.0	154.7	98	194.3
18840	1.8	152.7	100	193.5
18850	1.6	150.8	102	193.2

18860	1.2	148.9	104	192.7
18870	0.4	146.9	106	191.9
18880	0.5	145.0	107	191.4
18890	1.5	143.1	109	190.6
18900	2.0	141.2	111	190.0
18910	1.9	139.3	113	189.8
18920	1.8	137.4	115	189.5
18930	1.8	135.5	117	189.2
18940	2.0	133.6	119	188.7
18950	2.2	131.7	121	188.7
18960	2.0	129.9	123	188.4
18970	2.0	128.0	124	187.6
18980	1.8	126.1	126	187.6
18990	1.8	124.2	128	187.4
19000	1.6	122.4	130	186.6
19010	1.2	120.5	132	186.3
19020	0.9	118.6	134	185.8
19030	1.4	116.8	136	185.2
19040	1.8	114.9	138	185.0
19050	1.8	113.1	139	184.7
19060	1.4	111.2	141	184.2
19070	0.7	109.4	143	183.6
19080	0.5	107.6	145	182.8
19090	0.5	105.7	147	182.3
19100	0.3	103.9	149	181.5
19110	-0.1	102.1	150	180.7
19120	-0.1	100.3	152	179.7
19130	0.0	98.5	154	178.6
19140	-0.1	96.8	156	177.8
19150	-0.9	95.0	157	176.7
19160	-2.8	93.2	159	175.4
19170	-4.1	91.5	161	173.8
19180	-4.2	89.8	163	171.7
19190	-3.7	88.1	164	169.3
19200	-4.3	86.4	166	167.4
19210	-5.7	84.8	168	148.8
19220	-0.8	83.2	169	163.1
19230	2.8	81.9	171	129.3
19240	11.4	80.8	172	112.6
19250	23.6	79.7	173	107.5
19260	21.6	78.9	174	84.9
19270	8.1	78.1	174	72.9
19280	-0.7	77.4	175	62.2
19290	-9.4	76.9	176	52.9
19300	-26.3	76.4	176	47.9
19310	-32.4	76.1	176	34.3
19320	-32.1	75.8	177	25.5
19330	-26.6	75.6	177	15.7
19340	-20.5	75.5	177	12.2
19350	-21.0	75.4	177	5.5
19360	-27.5	75.4	177	-0.7
19370	-36.6	75.4	177	-4.5
19380	-42.7	75.5	177	-15.9
19390	-42.4	75.8	177	-28.4

19400	-36.7	76.1	176	-40.9
19410	-32.5	76.6	176	-52.4
19420	-34.3	77.1	175	-56.7
19430	-40.1	77.7	175	-59.9
19440	-46.2	78.5	174	-85.4
19450	-47.6	79.4	173	-89.9
19460	-43.5	80.3	172	-92.6
19470	-36.6	81.5	171	-102.7
19480	-31.5	82.7	170	-136.0
19490	-31.6	84.0	168	-145.0
19500	-34.8	85.4	167	-154.6
19510	-39.3	86.9	166	-150.1
19520	-40.1	88.5	164	-161.3
19530	-37.8	90.2	162	-172.2
19540	-33.8	92.0	160	-182.3
19550	-30.9	93.9	159	-191.6
19560	-30.8	95.8	157	-199.4
19570	-31.5	97.9	155	-207.6
19580	-30.0	100.0	152	-216.1
19590	-26.4	102.3	150	-223.6
19600	-22.9	104.5	148	-230.0
19610	-21.8	106.9	146	-235.8
19620	-22.5	109.3	143	-240.9
19630	-22.6	111.7	141	-246.7
19640	-22.1	114.2	138	-252.1
19650	-20.1	116.8	136	-256.9
19660	-16.3	119.4	133	-261.6
19670	-12.2	122.1	130	-264.8
19680	-11.0	124.7	128	-267.2
19690	-12.6	127.4	125	-269.6
19700	-13.7	130.1	122	-272.3
19710	-14.2	132.9	120	-274.7
19720	-13.7	135.6	117	-277.9
19730	-11.3	138.4	114	-280.3
19740	-9.6	141.3	111	-282.1
19750	-10.7	144.1	108	-284.3
19760	-12.2	146.9	106	-285.9
19770	-12.5	149.8	103	-287.7
19780	-12.5	152.7	100	-289.9
19790	-10.7	155.6	97	-290.9
19800	-8.4	158.5	94	-290.9
19810	-8.7	161.4	91	-290.7
19820	-9.5	164.3	88	-290.9
19830	-9.6	167.3	85	-291.2
19840	-9.5	170.2	82	-290.9
19850	-9.4	173.1	79	-290.4
19860	-8.1	176.0	76	-290.7
19870	-7.2	178.9	74	-290.7
19880	-6.1	181.8	71	-290.7
19890	-5.2	184.7	68	-290.7
19900	-5.2	187.6	65	-290.4
19910	-4.3	190.5	62	-290.4
19920	-3.5	193.4	59	-290.4
19930	-3.3	196.3	56	-290.1

19940	-3.4	199.2	53	-289.6
19950	-3.3	202.1	50	-288.8
19960	-3.1	205.0	47	-288.8
19970	-3.0	207.9	45	-288.3
19980	-2.8	210.8	42	-288.0
19990	-2.7	213.6	39	-287.2
20000	-1.9	216.5	36	-286.7
20010	3.1	219.4	33	-285.1
20020	7.5	222.2	30	-282.4
20030	6.0	225.0	27	-279.0
20040	1.8	227.8	25	-276.3
20050	-1.1	230.5	22	-274.7
20060	-1.5	233.2	19	-273.6
20070	0.9	236.0	16	-272.3
20080	4.5	238.7	14	-270.4
20090	7.1	241.4	11	-267.8
20100	8.0	244.0	8	-264.3
20110	6.4	246.6	6	-260.6
20120	4.7	249.2	3	-257.1
20130	4.5	251.8	1	-254.7
20140	7.3	254.3	-2	-252.3
20150	10.6	256.8	-4	-248.3
20160	12.3	259.2	-7	-243.5
20170	12.3	261.6	-9	-236.6
20180	-3.8	263.6	-11	-198.0
20190	-22.5	265.3	-13	-161.0
20200	-49.6	266.7	-14	-118.2
20210	-58.4	267.8	-15	-108.0
20220	-47.3	268.8	-16	-86.5
20230	-21.6	269.5	-17	-60.9
20240	1.1	270.0	-18	-52.7
20250	1.2	270.5	-18	-37.2
20260	9.8	270.8	-18	-33.2
20270	23.6	271.1	-19	-21.8
20280	27.5	271.3	-19	-16.2
20290	21.6	271.4	-19	-7.9
20300	13.2	271.4	-19	-3.7
20310	9.6	271.5	-19	-0.2
20320	14.4	271.4	-19	0.2
20330	21.6	271.4	-19	4.7
20340	25.2	271.3	-19	10.9
20350	24.3	271.2	-19	18.3
20360	19.9	271.0	-19	23.4
20370	16.1	270.7	-18	25.5
20380	15.9	270.4	-18	36.2
20390	19.5	270.0	-18	40.9
20400	23.9	269.6	-17	42.8
20410	26.4	269.1	-17	49.2
20420	25.6	268.6	-16	50.5
20430	22.4	268.0	-16	62.5
20440	19.4	267.3	-15	61.7
20450	17.9	266.6	-14	81.1
20460	18.6	265.8	-13	85.9
20470	20.9	265.0	-13	91.5

20480	22.5	264.1	-12	97.7
20490	22.0	263.1	-11	104.3
20500	20.1	262.2	-10	90.2
20510	17.8	261.1	-9	116.0
20520	16.8	260.0	-8	120.8
20530	16.8	258.9	-6	114.2
20540	17.0	257.7	-5	118.7
20550	17.1	256.5	-4	123.2
20560	17.1	255.2	-3	127.7
20570	16.3	253.9	-1	132.0
20580	15.6	252.6	0	136.5
20590	15.1	251.2	1	140.2
20600	14.8	249.7	3	144.2
20610	14.4	248.3	4	147.7
20620	13.4	246.8	6	151.2
20630	12.9	245.2	7	154.6
20640	12.6	243.7	9	157.6
20650	12.7	242.1	10	160.5
20660	13.2	240.4	12	163.4
20670	12.7	238.8	14	166.6
20680	12.1	237.1	15	169.5
20690	11.0	235.4	17	172.2
20700	9.6	233.6	19	174.6
20710	8.9	231.9	21	176.5
20720	8.9	230.1	22	178.3
20730	8.7	228.3	24	179.9
20740	8.8	226.5	26	181.8
20750	9.1	224.6	28	183.6
20760	8.8	222.8	30	185.5
20770	7.6	220.9	32	187.1
20780	6.6	219.0	33	188.4
20790	6.1	217.1	35	189.5
20800	6.2	215.2	37	190.3
20810	7.1	213.3	39	191.6
20820	6.8	211.4	41	192.7
20830	5.8	209.5	43	193.8
20840	5.2	207.5	45	194.3
20850	5.4	205.6	47	195.1
20860	6.2	203.6	49	195.6
20870	6.9	201.7	51	196.7
20880	6.4	199.7	53	197.8
20890	4.9	197.7	55	198.6
20900	4.3	195.7	57	199.1
20910	5.3	193.7	59	199.4
20920	6.4	191.7	61	200.1
20930	6.9	189.7	63	200.9
20940	6.6	187.7	65	202.3
20950	6.0	185.7	67	203.1
20960	5.3	183.6	69	203.9
20970	4.5	181.6	71	204.4
20980	3.3	179.5	73	204.7
20990	2.8	177.5	75	204.7
21000	2.4	175.4	77	204.4
21010	2.3	173.4	79	204.1

21020	2.6	171.4	81	204.1
21030	2.7	169.3	83	203.6
21040	3.3	167.3	85	203.6
21050	3.9	165.2	87	203.6
21060	4.1	163.2	89	203.6
21070	3.4	161.2	91	203.9
21080	2.8	159.1	93	204.1
21090	2.6	157.1	95	203.9
21100	2.7	155.0	97	203.6
21110	3.0	153.0	99	203.6
21120	3.1	151.0	101	203.3
21130	3.3	148.9	104	203.3
21140	3.1	146.9	106	203.3
21150	2.7	144.9	108	203.1
21160	2.6	142.8	110	203.3
21170	2.8	140.8	112	203.1
21180	3.1	138.8	114	202.8
21190	3.5	136.8	116	203.1
21200	3.7	134.7	118	203.1
21210	3.8	132.7	120	203.1
21220	3.4	130.7	122	203.1
21230	2.8	128.6	124	203.1
21240	2.3	126.6	126	203.1
21250	2.3	124.6	128	203.1
21260	2.3	122.5	130	202.5
21270	2.2	120.5	132	202.3
21280	2.2	118.5	134	202.0
21290	1.9	116.5	136	201.5
21300	1.5	114.5	138	200.9
21310	-1.2	112.5	140	200.1
21320	-4.7	110.5	142	198.6
21330	-4.7	108.5	144	196.2
21340	-1.5	106.6	146	194.3
21350	0.3	104.6	148	193.2
21360	0.0	102.7	150	192.2
21370	-1.9	100.8	152	191.1
21380	-3.4	98.9	154	189.5
21390	-3.8	97.0	155	187.6
21400	-3.8	95.1	157	185.8
21410	-4.5	93.3	159	183.4
21420	-5.3	91.5	161	181.5
21430	-6.1	89.7	163	178.9
21440	-6.9	87.9	165	175.9
21450	-8.1	86.2	166	173.0
21460	-8.8	84.5	168	168.5
21470	-1.6	83.0	169	149.3
21480	2.8	81.7	171	116.0
21490	11.8	80.5	172	112.3
21500	23.6	79.4	173	107.2
21510	21.7	78.6	174	84.3
21520	8.5	77.9	175	72.1
21530	-0.5	77.2	175	60.9
21540	-5.8	76.7	176	51.9
21550	-20.6	76.2	176	38.6

21560	-27.4	75.9	177	34.8
21570	-26.7	75.6	177	29.8
21580	-21.4	75.3	177	20.2
21590	-15.1	75.2	177	13.8
21600	-13.4	75.1	177	12.7
21610	-16.8	75.0	177	7.1
21620	-22.5	74.9	178	1.8
21630	-27.8	75.0	177	-1.8
21640	-30.5	75.0	177	-10.3
21650	-29.7	75.2	177	-16.7
21660	-28.2	75.4	177	-22.3
21670	-28.6	75.7	177	-29.2
21680	-31.3	76.1	176	-44.4
21690	-34.2	76.6	176	-48.9
21700	-36.2	77.1	175	-52.7
21710	-35.5	77.8	175	-75.0
21720	-32.8	78.6	174	-85.4
21730	-29.3	79.4	173	-86.5
21740	-27.3	80.3	172	-84.9
21750	-27.4	81.3	171	-91.0
21760	-28.9	82.4	170	-119.8
21770	-30.1	83.5	169	-127.7
21780	-30.6	84.8	168	-136.5
21790	-30.1	86.1	166	-145.6
21800	-29.3	87.5	165	-140.2
21810	-28.3	88.9	164	-148.2
21820	-27.0	90.5	162	-156.0
21830	-25.4	92.1	160	-162.9
21840	-24.1	93.8	159	-169.8
21850	-24.3	95.5	157	-175.9
21860	-25.6	97.3	155	-182.3
21870	-26.3	99.2	153	-189.0
21880	-25.9	101.1	151	-195.9
21890	-24.7	103.1	149	-202.3
21900	-23.1	105.2	147	-208.9
21910	-22.6	107.3	145	-214.8
21920	-21.6	109.5	143	-219.9
21930	-19.5	111.8	141	-225.2
21940	-18.0	114.1	138	-229.7
21950	-17.5	116.4	136	-234.0
21960	-17.0	118.8	134	-238.2
21970	-16.1	121.2	131	-241.7
21980	-16.1	123.6	129	-245.4
21990	-16.8	126.1	126	-249.1
22000	-16.8	128.6	124	-252.6
22010	-15.2	131.2	121	-256.1
22020	-13.8	133.7	119	-259.0
22030	-12.5	136.4	116	-261.6
22040	-11.3	139.0	113	-264.0
22050	-11.3	141.6	111	-265.9
22060	-13.4	144.3	108	-268.3
22070	-14.6	147.0	105	-271.0
22080	-14.4	149.7	103	-273.6
22090	-14.4	152.5	100	-276.6

22100	-13.4	155.3	97	-279.5
22110	-10.7	158.1	94	-281.6
22120	-10.3	160.9	92	-283.5
22130	-11.5	163.8	89	-285.6
22140	-12.7	166.7	86	-287.5
22150	-13.4	169.6	83	-289.6
22160	-14.5	172.5	80	-290.9
22170	-14.9	175.4	77	-291.5
22180	-15.3	178.3	74	-291.7
22190	-16.0	181.2	71	-291.5
22200	-15.7	184.1	68	-291.7
22210	-15.5	187.0	65	-291.5
22220	-14.5	190.0	62	-291.5
22230	-12.3	192.9	60	-291.5
22240	-10.4	195.8	57	-291.2
22250	-11.3	198.7	54	-291.5
22260	-11.7	201.6	51	-291.2
22270	-12.5	204.5	48	-291.2
22280	-12.1	207.4	45	-291.5
22290	-9.4	210.4	42	-291.5
22300	-7.1	213.3	39	-291.2
22310	-7.1	216.2	36	-290.9
22320	-7.9	219.1	33	-290.9
22330	-8.1	222.0	30	-290.9
22340	-7.9	224.9	28	-290.9
22350	-6.2	227.8	25	-290.7
22360	-4.3	230.7	22	-290.4
22370	-3.5	233.6	19	-290.1
22380	-3.3	236.5	16	-289.9
22390	-3.0	239.4	13	-289.6
22400	-3.0	242.3	10	-288.8
22410	-2.8	245.2	7	-288.3
22420	-2.3	248.1	4	-288.0
22430	1.5	250.9	2	-286.9
22440	8.3	253.8	-1	-284.0
22450	10.3	256.6	-4	-280.5
22460	7.1	259.4	-7	-276.3
22470	2.2	262.1	-10	-295.7
22480	-4.9	264.3	-12	-216.7
22490	-41.2	266.1	-14	-171.1
22500	-77.2	267.5	-15	-122.1
22510	-83.9	268.7	-16	-107.2
22520	-62.0	269.6	-17	-81.7
22530	-27.3	270.2	-18	-66.5
22540	-1.8	270.7	-18	-44.4
22550	1.2	271.1	-19	-35.9
22560	5.8	271.3	-19	-25.2
22570	12.5	271.5	-19	-20.2
22580	11.7	271.7	-19	-13.5
22590	6.9	271.8	-19	-11.7
22600	5.2	271.9	-19	-9.0
22610	7.6	272.0	-20	-6.3
22620	12.5	272.0	-20	-4.7
22630	16.4	272.0	-20	0.2

22640	20.3	272.0	-20	0.7
22650	21.7	272.0	-20	8.2
22660	18.6	271.8	-19	13.8
22670	13.4	271.7	-19	19.1
22680	9.8	271.5	-19	21.0
22690	10.2	271.3	-19	21.2
22700	14.6	271.0	-19	29.2
22710	19.3	270.7	-18	30.6
22720	22.1	270.4	-18	32.2
22730	22.2	270.0	-18	37.8
22740	20.2	269.5	-17	52.7
22750	17.9	269.0	-17	52.9
22760	17.5	268.4	-16	51.9
22770	19.4	267.8	-15	68.4
22780	22.0	267.1	-15	74.0
22790	22.9	266.4	-14	81.1
22800	21.8	265.6	-13	79.8
22810	19.4	264.8	-12	76.6
22820	16.8	263.9	-11	99.5
22830	16.1	263.0	-11	94.5
22840	16.8	262.0	-10	88.6
22850	18.4	261.0	-9	92.6
22860	19.7	259.9	-7	108.0
22870	19.4	258.7	-6	112.8
22880	17.8	257.6	-5	118.4
22890	15.6	256.4	-4	122.9
22900	14.5	255.1	-3	126.9
22910	14.8	253.8	-1	130.4
22920	15.1	252.5	0	134.1
22930	14.9	251.1	1	138.1
22940	15.1	249.7	3	141.8
22950	13.8	248.2	4	145.6
22960	12.7	246.8	6	148.8
22970	12.3	245.2	7	152.0
22980	11.9	243.7	9	155.2
22990	12.1	242.1	10	157.6
23000	11.8	240.5	12	160.2
23010	11.5	238.9	14	162.9
23020	11.3	237.3	15	165.5
23030	10.8	235.6	17	168.2
23040	10.0	233.9	19	170.6
23050	10.0	232.2	20	172.7
23060	9.8	230.4	22	175.1
23070	8.8	228.7	24	177.0
23080	8.5	226.9	26	178.6
23090	8.4	225.1	27	180.4
23100	8.5	223.3	29	182.3
23110	8.3	221.4	31	183.6
23120	8.1	219.6	33	185.2
23130	7.3	217.7	35	186.8
23140	6.2	215.8	37	187.9
23150	6.1	213.9	39	189.0
23160	6.2	212.0	40	190.0
23170	6.0	210.1	42	190.8

23180	5.8	208.2	44	191.9
23190	6.0	206.3	46	192.7
23200	6.1	204.4	48	193.8
23210	6.1	202.4	50	194.8
23220	5.6	200.5	52	195.4
23230	4.5	198.5	54	196.2
23240	3.9	196.5	56	196.7
23250	4.5	194.6	58	196.7
23260	5.0	192.6	60	197.2
23270	5.2	190.6	62	198.0
23280	4.7	188.6	64	198.6
23290	4.1	186.6	66	199.1
23300	3.4	184.7	68	199.4
23310	3.3	182.7	70	199.4
23320	3.3	180.7	72	199.6
23330	3.8	178.7	74	199.4
23340	5.0	176.7	76	199.9
23350	6.0	174.7	78	200.1
23360	6.0	172.7	80	201.2
23370	4.3	170.6	82	202.0
23380	3.1	168.6	84	202.0
23390	3.0	166.6	86	202.5
23400	3.7	164.6	88	202.0
23410	4.3	162.6	90	202.3
23420	5.7	160.5	92	202.5
23430	6.4	158.5	94	203.3
23440	5.6	156.5	96	204.4
23450	4.1	154.4	98	204.7
23460	3.4	152.4	100	204.9
23470	3.7	150.3	102	205.2
23480	4.6	148.3	104	205.2
23490	5.7	146.2	106	205.7
23500	6.0	144.1	108	206.5
23510	5.7	142.1	110	207.1
23520	4.9	140.0	112	207.9
23530	3.8	137.9	115	208.4
23540	3.4	135.8	117	208.4
23550	3.5	133.7	119	208.4
23560	3.7	131.6	121	208.4
23570	3.8	129.6	123	208.4
23580	3.4	127.5	125	208.7
23590	2.6	125.4	127	208.7
23600	2.3	123.3	129	208.1
23610	2.2	121.2	131	208.1
23620	2.2	119.1	133	207.6
23630	2.0	117.1	135	207.6
23640	1.9	115.0	137	207.1
23650	1.2	112.9	140	206.8
23660	-2.2	110.9	142	205.5
23670	-4.9	108.8	144	203.9
23680	-3.5	106.8	146	201.5
23690	-1.1	104.8	148	199.9
23700	-0.4	102.8	150	198.8
23710	-1.2	100.8	152	197.5

23720	-2.6	98.9	154	195.9
23730	-3.7	96.9	156	194.6
23740	-4.9	95.0	157	192.7
23750	-6.1	93.1	159	190.0
23760	-6.4	91.2	161	187.1
23770	-6.4	89.3	163	184.7
23780	-7.1	87.5	165	181.5
23790	-8.7	85.7	167	178.6
23800	-9.1	84.1	168	156.5
23810	0.8	82.5	170	162.3
23820	3.1	81.2	171	127.7
23830	10.7	80.1	172	110.2
23840	21.4	79.1	173	94.7
23850	18.7	78.2	174	73.2
23860	7.6	77.5	175	69.2
23870	-0.7	76.9	176	58.0
23880	-1.5	76.4	176	49.5
23890	-13.0	76.0	176	40.9
23900	-22.1	75.6	177	33.0
23910	-23.5	75.3	177	26.3
23920	-19.9	75.1	177	22.3
23930	-15.5	74.9	178	15.1
23940	-13.4	74.8	178	11.1
23950	-15.9	74.7	178	6.3
23960	-20.3	74.7	178	2.1
23970	-26.0	74.7	178	-1.0
23980	-30.4	74.8	178	-9.0
23990	-31.3	74.9	178	-17.5
24000	-31.1	75.1	177	-26.6
24010	-31.6	75.4	177	-36.2
24020	-33.1	75.8	177	-41.5
24030	-35.0	76.3	176	-45.5
24040	-36.2	76.9	176	-60.1
24050	-35.3	77.5	175	-63.0
24060	-32.4	78.3	174	-72.4
24070	-29.0	79.2	173	-79.0
24080	-27.0	80.2	172	-105.4
24090	-27.4	81.2	171	-112.8
24100	-28.7	82.2	170	-109.9
24110	-30.2	83.4	169	-105.6
24120	-30.8	84.6	168	-114.4
24130	-29.6	86.0	166	-133.9
24140	-27.4	87.4	165	-141.6
24150	-25.6	88.8	164	-149.0
24160	-24.0	90.4	162	-156.0
24170	-23.6	92.0	160	-161.8
24180	-23.3	93.6	159	-168.5
24190	-23.9	95.4	157	-174.1
24200	-24.3	97.2	155	-180.4
24210	-23.9	99.0	153	-186.8
24220	-22.8	100.9	152	-192.7
24230	-21.3	102.9	150	-198.6
24240	-20.1	104.9	148	-204.1
24250	-19.8	107.0	145	-208.7

24260	-19.0	109.1	143	-213.5
24270	-17.4	111.3	141	-217.7
24280	-16.4	113.5	139	-221.7
24290	-16.3	115.8	137	-225.7
24300	-16.3	118.0	134	-229.2
24310	-15.9	120.4	132	-232.6
24320	-15.7	122.7	130	-236.4
24330	-16.1	125.1	127	-239.8
24340	-15.7	127.5	125	-243.5
24350	-14.1	130.0	122	-246.7
24360	-12.7	132.5	120	-249.7
24370	-12.5	135.0	117	-252.3
24380	-11.9	137.5	115	-255.0
24390	-11.4	140.1	112	-257.1
24400	-12.5	142.7	110	-259.5
24410	-14.5	145.3	107	-261.9
24420	-14.4	148.0	104	-265.4
24430	-14.0	150.6	102	-268.6
24440	-13.2	153.3	99	-271.2
24450	-11.4	156.1	96	-273.9
24460	-9.5	158.8	94	-276.0
24470	-10.7	161.6	91	-277.9
24480	-13.0	164.4	88	-279.5
24490	-14.1	167.2	85	-281.9
24500	-14.2	170.1	82	-284.3
24510	-13.6	172.9	80	-287.2
24520	-11.4	175.8	77	-290.1
24530	-10.3	178.7	74	-291.2
24540	-11.1	181.6	71	-290.9
24550	-12.5	184.5	68	-290.9
24560	-13.8	187.5	65	-291.5
24570	-13.3	190.4	62	-291.2
24580	-10.6	193.3	59	-291.5
24590	-8.4	196.2	56	-290.9
24600	-8.4	199.1	53	-291.2
24610	-7.9	202.0	50	-290.7
24620	-8.3	204.9	48	-290.7
24630	-7.5	207.8	45	-291.2
24640	-4.7	210.7	42	-290.7
24650	-3.4	213.7	39	-290.7
24660	-3.5	216.6	36	-290.1
24670	-3.4	219.5	33	-289.9
24680	-3.3	222.4	30	-289.3
24690	-3.1	225.2	27	-289.1
24700	-2.8	228.1	24	-288.3
24710	-2.6	231.0	21	-288.0
24720	-1.2	233.9	19	-287.2
24730	4.7	236.7	16	-285.1
24740	8.9	239.6	13	-281.9
24750	7.6	242.4	10	-277.9
24760	3.9	245.1	7	-274.4
24770	1.9	247.8	5	-272.3
24780	3.4	250.6	2	-270.2
24790	8.5	253.2	-1	-267.8

24800	14.1	255.9	-3	-263.0
24810	16.1	258.5	-6	-257.4
24820	14.5	260.9	-8	-226.5
24830	-0.3	263.2	-11	-197.5
24840	-13.7	265.1	-13	-176.5
24850	-45.7	266.6	-14	-142.6
24860	-61.8	267.8	-15	-103.8
24870	-54.9	268.8	-16	-92.1
24880	-27.1	269.5	-17	-71.0
24890	0.7	270.1	-18	-53.5
24900	1.4	270.6	-18	-41.5
24910	10.0	270.9	-18	-35.4
24920	24.5	271.2	-19	-22.8
24930	30.6	271.3	-19	-15.9
24940	25.5	271.4	-19	-5.8
24950	14.6	271.4	-19	0.5
24960	10.4	271.4	-19	0.5
24970	13.0	271.4	-19	4.7
24980	18.3	271.3	-19	8.2
24990	22.5	271.2	-19	12.5
25000	21.3	271.0	-19	20.7
25010	16.8	270.8	-18	24.2
25020	12.9	270.5	-18	25.8
25030	12.9	270.2	-18	35.6
25040	17.4	269.8	-17	39.1
25050	23.3	269.4	-17	44.9
25060	26.7	269.0	-17	51.3
25070	25.8	268.5	-16	54.3
25080	21.4	267.9	-15	54.8
25090	16.1	267.2	-15	73.4
25100	14.2	266.5	-14	70.8
25110	16.0	265.8	-13	67.3
25120	20.2	265.0	-13	71.0
25130	23.1	264.2	-12	75.8
25140	22.6	263.3	-11	99.3
25150	19.5	262.4	-10	96.1
25160	15.9	261.4	-9	90.7
25170	14.1	260.3	-8	104.8
25180	15.2	259.2	-7	108.6
25190	17.1	258.1	-6	112.8
25200	18.2	256.9	-4	117.1
25210	17.8	255.7	-3	122.1
25220	16.1	254.5	-2	126.7
25230	14.2	253.2	-1	130.9
25240	12.9	251.8	1	134.7
25250	13.8	250.4	2	137.9
25260	14.4	249.0	3	141.6
25270	14.0	247.6	5	145.3
25280	12.7	246.1	6	148.5
25290	11.7	244.6	8	151.7
25300	11.0	243.1	9	154.1
25310	11.1	241.5	11	157.0
25320	11.8	239.9	13	159.7
25330	11.5	238.3	14	162.1

25340	10.7	236.7	16	164.7
25350	9.8	235.0	17	167.1
25360	8.8	233.3	19	169.5
25370	8.8	231.6	21	171.1
25380	8.8	229.9	23	173.0
25390	8.5	228.1	24	174.9
25400	7.9	226.4	26	176.5
25410	7.6	224.6	28	177.8
25420	6.8	222.8	30	179.4
25430	5.8	221.0	31	180.4
25440	5.7	219.2	33	181.2
25450	5.8	217.4	35	182.0
25460	6.1	215.5	37	183.1
25470	6.6	213.7	39	183.6
25480	6.1	211.9	41	185.0
25490	5.0	210.0	42	185.8
25500	4.5	208.1	44	186.0
25510	4.7	206.3	46	186.8
25520	5.3	204.4	48	187.6
25530	5.6	202.5	50	187.9
25540	5.0	200.6	52	189.0
25550	3.7	198.7	54	189.5
25560	2.8	196.8	56	189.5
25570	3.1	194.9	58	189.5
25580	3.8	193.1	59	189.2
25590	4.6	191.2	61	189.8
25600	4.9	189.3	63	190.0
25610	5.0	187.3	65	190.8
25620	4.6	185.4	67	191.4
25630	4.2	183.5	69	191.9
25640	3.7	181.6	71	192.2
25650	2.8	179.7	73	192.2
25660	2.8	177.7	75	192.4
25670	3.0	175.8	77	191.9
25680	3.3	173.9	79	191.9
25690	3.3	172.0	80	192.4
25700	2.8	170.1	82	192.2
25710	3.0	168.1	84	192.2
25720	3.0	166.2	86	192.2
25730	3.0	164.3	88	192.2
25740	2.8	162.4	90	191.9
25750	3.0	160.5	92	192.2
25760	2.8	158.5	94	192.2
25770	2.7	156.6	96	191.9
25780	2.7	154.7	98	191.9
25790	2.7	152.8	100	191.9
25800	3.3	150.9	102	191.6
25810	3.8	148.9	104	191.6
25820	4.3	147.0	105	191.9
25830	3.8	145.1	107	192.4
25840	3.0	143.2	109	192.7
25850	2.7	141.2	111	192.4
25860	2.6	139.3	113	192.4
25870	2.7	137.4	115	192.4

25880	2.7	135.5	117	192.4
25890	2.7	133.5	119	192.2
25900	2.8	131.6	121	192.2
25910	2.8	129.7	123	191.9
25920	2.6	127.8	125	191.9
25930	2.3	125.9	127	191.9
25940	2.3	124.0	128	191.6
25950	2.0	122.0	130	191.4
25960	2.0	120.1	132	190.8
25970	2.0	118.2	134	190.6
25980	1.8	116.3	136	190.3
25990	1.6	114.4	138	190.0
26000	-0.3	112.5	140	189.2
26010	-3.3	110.6	142	187.9
26020	-3.5	108.8	144	186.3
26030	-0.4	106.9	146	184.7
26040	1.1	105.1	147	183.6
26050	0.5	103.2	149	183.4
26060	-1.2	101.4	151	182.3
26070	-2.3	99.6	153	181.0
26080	-1.9	97.8	155	179.4
26090	-0.9	96.0	156	178.1
26100	-0.8	94.2	158	176.7
26110	-2.2	92.5	160	175.7
26120	-3.4	90.7	162	174.1
26130	-4.1	89.0	163	172.2
26140	-4.9	87.3	165	170.1
26150	-6.1	85.6	167	167.7
26160	-5.3	84.1	168	161.0
26170	2.8	82.6	170	125.9
26180	5.3	81.4	171	121.6
26190	18.3	80.3	172	106.4
26200	26.7	79.3	173	83.0
26210	20.6	78.5	174	79.8
26220	7.1	77.7	175	68.1
26230	-0.3	77.1	175	57.7
26240	-6.0	76.6	176	54.5
26250	-19.5	76.2	176	41.2
26260	-26.7	75.8	177	33.0
26270	-27.9	75.6	177	25.5
26280	-24.8	75.4	177	17.8
26290	-21.0	75.2	177	10.3
26300	-22.9	75.2	177	6.1
26310	-29.3	75.2	177	-1.0
26320	-37.4	75.2	177	-5.5
26330	-42.3	75.3	177	-17.5
26340	-42.3	75.6	177	-30.0
26350	-38.2	76.0	176	-42.5
26360	-35.7	76.4	176	-54.3
26370	-37.6	77.0	175	-59.6
26380	-42.3	77.6	175	-63.0
26390	-46.8	78.5	174	-89.7
26400	-46.6	79.3	173	-93.9
26410	-41.6	80.4	172	-95.8

26420	-35.1	81.5	171	-105.9
26430	-31.1	82.7	170	-114.2
26440	-31.9	84.1	168	-121.3
26450	-35.8	85.6	167	-143.7
26460	-38.9	87.1	165	-153.6
26470	-39.1	88.7	164	-164.2
26480	-36.2	90.4	162	-174.9
26490	-32.4	92.2	160	-184.4
26500	-30.6	94.1	158	-193.5
26510	-31.5	96.1	156	-201.5
26520	-32.5	98.2	154	-209.7
26530	-30.5	100.4	152	-218.0
26540	-26.3	102.6	150	-226.2
26550	-22.5	104.9	148	-232.6
26560	-21.8	107.3	145	-238.0
26570	-22.8	109.7	143	-243.3
26580	-22.9	112.2	140	-248.3
26590	-22.1	114.7	138	-254.2
26600	-19.3	117.3	135	-259.3
26610	-14.9	119.9	133	-263.5
26620	-11.5	122.6	130	-266.7
26630	-11.7	125.3	127	-269.1
26640	-13.7	128.0	124	-271.2
26650	-15.2	130.7	122	-274.2
26660	-15.6	133.5	119	-277.4
26670	-14.4	136.3	116	-280.8
26680	-11.7	139.1	113	-283.5
26690	-9.8	142.0	110	-285.3
26700	-10.8	144.8	108	-287.5
26710	-11.4	147.7	105	-289.1
26720	-12.5	150.6	102	-290.9
26730	-13.4	153.5	99	-291.5
26740	-13.3	156.4	96	-291.7
26750	-12.2	159.3	93	-291.2
26760	-12.5	162.3	90	-290.9
26770	-12.7	165.2	87	-291.5
26780	-11.7	168.1	84	-291.2
26790	-11.4	171.0	81	-291.2
26800	-10.4	173.9	79	-291.2
26810	-9.8	176.8	76	-291.2
26820	-9.5	179.7	73	-290.9
26830	-9.6	182.6	70	-290.9
26840	-9.4	185.6	67	-290.9
26850	-9.2	188.5	64	-290.7
26860	-7.3	191.4	61	-290.4
26870	-5.2	194.3	58	-290.4
26880	-4.6	197.2	55	-290.7
26890	-4.7	200.1	52	-290.4
26900	-5.4	203.0	49	-290.4
26910	-6.4	205.9	47	-290.7
26920	-5.3	208.8	44	-290.9
26930	-3.1	211.7	41	-290.4
26940	-3.1	214.6	38	-289.9
26950	-2.7	217.5	35	-289.6

26960	-2.7	220.4	32	-289.1
26970	-0.5	223.3	29	-288.0
26980	6.5	226.2	26	-286.4
26990	9.9	229.0	23	-282.7
27000	6.2	231.8	21	-278.4
27010	0.5	234.5	18	-275.5
27020	-2.7	237.3	15	-273.9
27030	-2.0	240.0	12	-273.4
27040	2.0	242.8	10	-272.6
27050	8.5	245.5	7	-270.2
27060	12.2	248.1	4	-265.4
27070	11.3	250.8	2	-260.8
27080	8.1	253.3	-1	-256.9
27090	5.4	255.9	-3	-253.4
27100	5.4	258.4	-6	-250.2
27110	7.3	260.7	-8	-222.5
27120	0.3	263.0	-11	-196.2
27130	-6.0	264.9	-12	-175.9
27140	-36.5	266.5	-14	-156.2
27150	-55.3	267.6	-15	-116.6
27160	-54.5	268.6	-16	-93.4
27170	-32.5	269.4	-17	-73.2
27180	-7.5	270.0	-18	-50.0
27190	0.8	270.5	-18	-42.8
27200	3.7	270.8	-18	-30.6
27210	18.2	271.1	-19	-25.8
27220	27.3	271.3	-19	-15.9
27230	27.0	271.4	-19	-10.3
27240	20.3	271.5	-19	-2.9
27250	14.6	271.5	-19	0.5
27260	16.7	271.5	-19	2.1
27270	20.2	271.4	-19	7.4
27280	22.0	271.3	-19	12.7
27290	20.1	271.1	-19	19.7
27300	16.1	270.9	-18	22.8
27310	13.4	270.7	-18	24.4
27320	14.2	270.4	-18	34.0
27330	18.6	270.0	-18	38.3
27340	24.0	269.6	-17	39.9
27350	27.7	269.2	-17	46.5
27360	27.4	268.7	-16	48.7
27370	23.7	268.0	-16	67.3
27380	20.1	267.4	-15	67.3
27390	18.2	266.7	-14	65.2
27400	19.1	265.9	-13	69.7
27410	22.0	265.1	-13	91.0
27420	23.1	264.2	-12	97.1
27430	21.8	263.3	-11	94.5
27440	19.5	262.4	-10	89.9
27450	17.6	261.3	-9	115.5
27460	17.1	260.2	-8	120.3
27470	18.2	259.1	-7	113.6
27480	19.5	257.9	-5	118.7
27490	20.2	256.6	-4	124.3

27500	20.1	255.4	-3	129.9
27510	19.0	254.0	-2	134.9
27520	17.0	252.6	0	139.7
27530	16.3	251.2	1	144.2
27540	16.3	249.7	3	148.5
27550	16.0	248.2	4	152.2
27560	15.6	246.7	6	156.2
27570	15.3	245.1	7	160.2
27580	14.8	243.4	9	164.2
27590	14.5	241.8	11	167.7
27600	14.6	240.1	12	170.9
27610	14.4	238.3	14	174.3
27620	13.8	236.6	16	177.8
27630	12.7	234.8	18	181.0
27640	11.7	232.9	20	184.2
27650	11.3	231.1	21	186.3
27660	10.8	229.2	23	188.7
27670	10.8	227.3	25	191.1
27680	10.8	225.3	27	193.2
27690	10.8	223.4	29	195.6
27700	10.4	221.4	31	197.8
27710	9.4	219.4	33	199.9
27720	8.1	217.4	35	201.5
27730	7.3	215.4	37	202.5
27740	7.9	213.4	39	203.9
27750	7.5	211.3	41	205.5
27760	6.6	209.2	43	206.5
27770	6.1	207.2	45	207.3
27780	6.0	205.1	47	208.4
27790	6.6	203.0	49	208.9
27800	7.2	200.9	52	210.3
27810	6.0	198.8	54	210.8
27820	4.6	196.7	56	211.6
27830	4.1	194.6	58	211.6
27840	4.1	192.4	60	212.4
27850	4.3	190.3	62	212.7
27860	5.0	188.2	64	212.7
27870	5.6	186.1	66	212.9
27880	5.4	183.9	69	213.7
27890	4.1	181.8	71	214.5
27900	2.6	179.6	73	214.5
27910	2.6	177.5	75	214.3
27920	2.6	175.3	77	214.0
27930	2.4	173.2	79	213.7
27940	2.6	171.1	81	213.2
27950	2.4	168.9	84	213.2
27960	2.4	166.8	86	213.2
27970	2.4	164.7	88	212.4
27980	2.3	162.6	90	212.4
27990	2.3	160.4	92	211.9
28000	2.2	158.3	94	211.9
28010	2.2	156.2	96	211.3
28020	2.0	154.1	98	210.8
28030	1.8	152.0	100	210.5

28040	0.8	149.9	103	210.0
28050	-0.7	147.8	105	208.9
28060	-1.4	145.7	107	207.6
28070	0.1	143.6	109	206.3
28080	1.6	141.6	111	205.5
28090	1.8	139.5	113	205.2
28100	0.9	137.5	115	204.7
28110	0.1	135.4	117	203.6
28120	0.1	133.4	119	202.8
28130	0.0	131.4	121	202.0
28140	-0.5	129.4	123	200.9
28150	-0.8	127.4	125	199.9
28160	-0.4	125.4	127	198.6
28170	-0.5	123.4	129	197.8
28180	-1.6	121.4	131	196.2
28190	-1.9	119.5	133	194.6
28200	-0.9	117.6	135	193.2
28210	-0.1	115.6	137	192.2
28220	-0.3	113.7	139	191.1
28230	-1.2	111.8	141	190.0
28240	-2.7	109.9	143	188.4
28250	-2.8	108.0	144	186.6
28260	-2.0	106.2	146	185.0
28270	-1.6	104.4	148	183.1
28280	-2.0	102.5	150	181.8
28290	-2.7	100.7	152	179.9
28300	-2.7	98.9	154	178.1
28310	-2.4	97.2	155	176.7
28320	-2.7	95.4	157	175.1
28330	-3.7	93.7	159	173.5
28340	-4.6	91.9	161	171.7
28350	-4.5	90.2	162	169.3
28360	-4.2	88.6	164	167.1
28370	-4.2	86.9	166	164.7
28380	-4.7	85.3	167	163.1
28390	-1.5	83.8	169	137.3
28400	2.6	82.4	170	133.9
28410	12.9	81.1	171	128.0
28420	27.5	80.1	172	102.2
28430	29.3	79.2	173	89.4
28440	17.6	78.4	174	84.3
28450	4.9	77.7	175	65.7
28460	-0.1	77.1	175	56.1
28470	-0.7	76.6	176	48.7
28480	-8.9	76.2	176	41.5
28490	-15.7	75.8	177	34.3
28500	-17.0	75.5	177	29.2
28510	-15.7	75.3	177	26.8
28520	-14.2	75.1	177	20.4
28530	-14.0	74.9	178	14.9
28540	-15.3	74.7	178	13.5
28550	-17.8	74.7	178	7.9
28560	-20.7	74.6	178	2.6
28570	-24.3	74.6	178	-1.0

28580	-26.8	74.7	178	-7.4
28590	-28.5	74.8	178	-13.8
28600	-29.7	75.0	177	-24.2
28610	-30.8	75.3	177	-30.0
28620	-31.7	75.6	177	-34.6
28630	-32.1	76.1	176	-51.6
28640	-31.5	76.6	176	-61.4
28650	-30.1	77.2	175	-64.4
28660	-28.7	77.9	175	-65.2
28670	-28.2	78.7	174	-72.1
28680	-28.7	79.6	173	-96.9
28690	-29.8	80.5	172	-95.3
28700	-31.5	81.5	171	-92.6
28710	-31.9	82.7	170	-122.9
28720	-31.2	83.9	169	-131.7
28730	-29.2	85.1	167	-141.0
28740	-27.1	86.5	166	-136.0
28750	-25.8	87.9	165	-143.4
28760	-25.9	89.4	163	-150.1
28770	-26.8	90.9	162	-157.6
28780	-28.2	92.6	160	-164.5
28790	-28.1	94.3	158	-172.2
28800	-27.5	96.0	156	-179.7
28810	-26.7	97.9	155	-186.6
28820	-24.7	99.8	153	-193.8
28830	-22.4	101.8	151	-199.9
28840	-19.9	103.8	149	-205.5
28850	-18.8	105.9	147	-210.3
28860	-19.4	108.1	144	-215.1
28870	-19.7	110.3	142	-220.1
28880	-18.7	112.5	140	-224.6
28890	-17.8	114.8	138	-228.9
28900	-16.7	117.1	135	-232.9
28910	-15.5	119.4	133	-236.9
28920	-13.7	121.8	131	-240.1
28930	-13.2	124.3	128	-243.0
28940	-13.7	126.7	126	-246.2
28950	-13.4	129.2	123	-249.4
28960	-12.6	131.7	121	-252.3
28970	-13.3	134.3	118	-254.2
28980	-13.0	136.8	116	-257.1
28990	-12.2	139.4	113	-259.5
29000	-11.8	142.0	110	-262.2
29010	-13.2	144.7	108	-264.3
29020	-13.3	147.3	105	-267.0
29030	-12.6	150.0	102	-269.4
29040	-12.2	152.7	100	-271.5
29050	-10.7	155.5	97	-274.2
29060	-8.5	158.2	94	-275.8
29070	-8.9	161.0	91	-276.8
29080	-10.6	163.8	89	-278.4
29090	-11.8	166.6	86	-280.5
29100	-11.9	169.4	83	-282.4
29110	-11.0	172.2	80	-284.3

29120	-8.8	175.1	77	-286.1
29130	-7.1	177.9	75	-287.7
29140	-6.8	180.8	72	-288.5
29150	-7.1	183.7	69	-289.1
29160	-7.9	186.6	66	-290.1
29170	-8.4	189.5	63	-291.2
29180	-7.5	192.4	60	-291.2
29190	-7.2	195.3	57	-290.9
29200	-7.9	198.3	54	-291.2
29210	-8.0	201.2	51	-291.2
29220	-8.0	204.1	48	-290.9
29230	-7.2	207.0	45	-291.2
29240	-4.7	209.9	43	-290.7
29250	-3.1	212.8	40	-290.4
29260	-3.1	215.7	37	-289.3
29270	-3.0	218.6	34	-289.6
29280	-3.0	221.5	31	-289.1
29290	-3.0	224.4	28	-288.5
29300	-2.8	227.3	25	-287.7
29310	-2.0	230.1	22	-287.5
29320	1.9	233.0	19	-286.4
29330	6.5	235.8	17	-283.7
29340	7.3	238.7	14	-280.3
29350	4.9	241.4	11	-276.8
29360	2.4	244.2	8	-274.2
29370	1.6	246.9	6	-272.0
29380	4.3	249.6	3	-270.2
29390	8.4	252.3	0	-267.0
29400	12.1	254.9	-2	-262.7
29410	11.8	257.5	-5	-257.7
29420	8.8	260.1	-8	-253.1
29430	1.1	262.5	-10	-259.5
29440	-5.2	264.4	-12	-192.2
29450	-33.0	266.1	-14	-155.2
29460	-60.1	267.4	-15	-112.8
29470	-62.1	268.5	-16	-100.8
29480	-39.7	269.3	-17	-78.5
29490	-9.9	270.0	-18	-59.3
29500	1.5	270.5	-18	-45.5
29510	6.4	270.8	-18	-39.1
29520	20.5	271.1	-19	-26.8
29530	27.7	271.3	-19	-20.4
29540	25.5	271.5	-19	-11.1
29550	17.5	271.5	-19	-5.5
29560	11.8	271.5	-19	-0.7
29570	12.6	271.5	-19	0.2
29580	18.8	271.5	-19	2.6
29590	23.7	271.5	-19	7.1
29600	23.5	271.3	-19	14.1
29610	18.0	271.1	-19	20.4
29620	12.3	270.9	-18	22.6
29630	10.8	270.6	-18	31.4
29640	14.5	270.3	-18	31.6
29650	21.3	270.0	-18	35.6

29660	26.8	269.6	-17	37.5
29670	27.5	269.1	-17	48.9
29680	23.3	268.5	-16	61.7
29690	19.1	268.0	-16	55.9
29700	16.7	267.3	-15	74.0
29710	17.6	266.6	-14	71.6
29720	20.2	265.8	-13	68.6
29730	22.6	265.0	-13	74.5
29740	22.6	264.2	-12	78.8
29750	20.2	263.2	-11	102.7
29760	17.4	262.3	-10	98.2
29770	16.3	261.3	-9	92.6
29780	16.7	260.2	-8	107.0
29790	18.7	259.1	-7	111.2
29800	20.2	257.9	-5	116.6
29810	20.2	256.7	-4	121.9
29820	19.3	255.4	-3	127.2
29830	17.8	254.1	-2	132.3
29840	15.9	252.8	0	137.1
29850	15.6	251.4	1	141.3
29860	16.1	249.9	3	145.3
29870	16.8	248.4	4	149.0
29880	16.0	246.9	6	153.6
29890	15.1	245.3	7	157.3
29900	14.2	243.7	9	161.3
29910	13.4	242.1	10	164.5
29920	13.2	240.4	12	167.4
29930	12.7	238.7	14	170.6
29940	12.1	237.0	15	173.5
29950	11.5	235.3	17	176.2
29960	10.8	233.5	19	178.9
29970	10.8	231.7	21	181.0
29980	10.6	229.8	23	183.4
29990	9.8	228.0	24	185.5
30000	8.9	226.1	26	187.6
30010	8.8	224.2	28	189.2
30020	8.7	222.3	30	191.4
30030	8.5	220.4	32	193.0
30040	8.5	218.5	34	194.6
30050	8.1	216.5	36	196.2
30060	8.0	214.5	38	197.8
30070	7.7	212.5	40	199.4
30080	6.8	210.5	42	200.4
30090	6.4	208.5	44	201.5
30100	6.4	206.5	46	202.3
30110	7.1	204.5	48	203.3
30120	7.9	202.4	50	204.7
30130	7.7	200.4	52	206.0
30140	6.5	198.3	54	207.1
30150	5.3	196.2	56	207.9
30160	4.7	194.1	58	208.4
30170	4.1	192.0	60	208.7
30180	3.1	190.0	62	208.7
30190	2.6	187.9	65	209.2

30200	2.6	185.8	67	208.9
30210	2.7	183.7	69	208.4
30220	3.1	181.6	71	208.4
30230	3.1	179.5	73	208.1
30240	3.4	177.4	75	208.1
30250	3.1	175.4	77	207.9
30260	2.6	173.3	79	207.6
30270	2.4	171.2	81	207.6
30280	2.4	169.1	83	207.6
30290	2.3	167.1	85	207.3
30300	2.4	165.0	87	206.8
30310	2.3	162.9	90	206.5
30320	2.3	160.9	92	206.3
30330	2.2	158.8	94	206.0
30340	2.2	156.7	96	205.7
30350	1.9	154.7	98	205.2
30360	1.1	152.6	100	204.9
30370	-0.1	150.6	102	204.1
30380	-1.4	148.6	104	202.8
30390	-1.4	146.5	106	201.2
30400	0.0	144.5	108	200.1
30410	1.6	142.5	110	199.1
30420	1.6	140.6	112	198.6
30430	0.4	138.6	114	198.3
30440	-0.8	136.6	116	197.2
30450	-0.5	134.6	118	196.2
30460	0.4	132.7	120	195.1
30470	0.9	130.7	122	194.3
30480	0.0	128.8	124	193.2
30490	-1.4	126.9	126	192.4
30500	-1.6	125.0	127	191.1
30510	-1.5	123.0	129	189.8
30520	-1.8	121.2	131	188.4
30530	-1.6	119.3	133	187.1
30540	-0.9	117.4	135	185.8
30550	-0.4	115.6	137	184.7
30560	-0.9	113.7	139	183.6
30570	-2.3	111.9	141	182.6
30580	-3.9	110.1	142	180.7
30590	-3.5	108.3	144	178.6
30600	-2.8	106.5	146	176.7
30610	-2.6	104.8	148	175.1
30620	-3.4	103.0	149	173.3
30630	-4.3	101.3	151	171.1
30640	-4.1	99.6	153	169.3
30650	-3.5	97.9	155	167.4
30660	-3.4	96.3	156	165.5
30670	-4.1	94.6	158	163.7
30680	-5.8	93.0	159	161.3
30690	-6.9	91.4	161	158.6
30700	-6.6	89.9	163	156.0
30710	-6.1	88.3	164	153.0
30720	-6.8	86.8	166	150.6
30730	-7.7	85.3	167	147.4

30740	-7.1	84.0	168	124.8
30750	1.5	82.7	170	135.2
30760	2.3	81.6	171	109.1
30770	3.7	80.6	172	96.3
30780	10.8	79.7	173	93.7
30790	11.4	78.9	174	75.3
30800	4.6	78.2	174	66.0
30810	0.0	77.6	175	57.7
30820	-1.4	77.1	175	55.6
30830	-12.7	76.7	176	38.8
30840	-22.5	76.3	176	35.9
30850	-24.4	76.0	176	32.2
30860	-22.0	75.7	177	22.3
30870	-18.3	75.6	177	15.1
30880	-17.2	75.4	177	13.0
30890	-19.9	75.3	177	6.6
30900	-24.0	75.3	177	0.2
30910	-28.7	75.3	177	-2.3
30920	-31.2	75.4	177	-11.7
30930	-30.5	75.6	177	-20.2
30940	-28.5	75.9	177	-29.5
30950	-28.1	76.2	176	-34.6
30960	-30.2	76.6	176	-38.3
30970	-33.2	77.1	175	-56.1
30980	-34.3	77.6	175	-59.9
30990	-32.5	78.3	174	-62.2
31000	-29.0	79.1	173	-71.0
31010	-25.5	79.9	173	-77.2
31020	-24.5	80.8	172	-84.3
31030	-26.8	81.8	171	-90.5
31040	-30.8	82.8	170	-97.4
31050	-33.2	83.9	169	-103.0
31060	-33.0	85.2	167	-111.5
31070	-30.2	86.5	166	-132.0
31080	-27.5	87.9	165	-140.2
31090	-26.4	89.4	163	-147.4
31100	-26.7	90.9	162	-154.9
31110	-27.1	92.5	160	-161.8
31120	-27.7	94.2	158	-169.3
31130	-27.8	95.9	157	-176.7
31140	-27.4	97.7	155	-183.6
31150	-26.3	99.6	153	-191.1
31160	-25.5	101.6	151	-198.0
31170	-24.5	103.6	149	-204.1
31180	-24.5	105.7	147	-210.5
31190	-24.4	107.9	145	-216.9
31200	-23.1	110.1	142	-223.0
31210	-21.3	112.4	140	-228.9
31220	-20.3	114.7	138	-233.7
31230	-20.2	117.1	135	-238.8
31240	-19.8	119.5	133	-243.8
31250	-18.4	122.0	130	-248.3
31260	-17.9	124.5	128	-252.3
31270	-17.9	127.0	125	-256.9

31280	-16.8	129.6	123	-260.8
31290	-15.7	132.3	120	-264.6
31300	-15.2	134.9	118	-268.0
31310	-14.1	137.7	115	-271.2
31320	-13.2	140.4	112	-273.6
31330	-14.0	143.1	109	-276.6
31340	-15.2	145.9	107	-279.5
31350	-15.1	148.8	104	-282.7
31360	-14.5	151.6	101	-285.3
31370	-13.7	154.5	98	-288.8
31380	-11.1	157.4	95	-290.9
31390	-10.3	160.3	92	-291.2
31400	-13.0	163.2	89	-291.5
31410	-15.6	166.1	86	-291.7
31420	-17.1	169.0	83	-291.7
31430	-17.2	172.0	80	-291.7
31440	-16.1	174.9	78	-291.7
31450	-14.8	177.8	75	-292.0
31460	-14.0	180.7	72	-291.5
31470	-13.2	183.6	69	-291.2
31480	-13.3	186.5	66	-291.7
31490	-12.6	189.5	63	-291.5
31500	-11.0	192.4	60	-291.5
31510	-10.6	195.3	57	-291.2
31520	-11.5	198.2	54	-291.5
31530	-12.2	201.1	51	-291.7
31540	-12.6	204.0	48	-290.9
31550	-11.9	206.9	46	-291.5
31560	-9.6	209.9	43	-290.9
31570	-7.1	212.8	40	-290.7
31580	-6.6	215.7	37	-290.4
31590	-7.3	218.6	34	-290.9
31600	-7.5	221.5	31	-290.9
31610	-7.5	224.4	28	-291.2
31620	-6.1	227.3	25	-290.7
31630	-4.1	230.2	22	-290.7
31640	-3.5	233.1	19	-290.4
31650	-3.5	236.0	16	-290.1
31660	-3.1	238.9	14	-289.6
31670	-3.1	241.8	11	-289.1
31680	-3.0	244.7	8	-288.8
31690	-3.0	247.6	5	-287.7
31700	-2.7	250.5	2	-287.5
31710	-1.9	253.3	-1	-286.9
31720	3.4	256.2	-4	-285.3
31730	8.8	259.0	-7	-282.4
31740	8.5	261.7	-9	-249.7
31750	-4.3	264.1	-12	-227.0
31760	-43.7	266.1	-14	-194.6
31770	-85.3	267.5	-15	-141.3
31780	-97.6	268.7	-16	-110.7
31790	-82.0	269.6	-17	-84.6
31800	-43.9	270.3	-18	-62.0
31810	-10.6	270.8	-18	-45.5

31820	1.4	271.1	-19	-36.4
31830	8.3	271.4	-19	-25.0
31840	15.1	271.6	-19	-19.7
31850	14.9	271.7	-19	-13.0
31860	8.1	271.8	-19	-10.9
31870	4.1	271.9	-19	-8.2
31880	4.5	272.0	-20	-8.2
31890	8.9	272.1	-20	-5.8
31900	13.6	272.1	-20	-2.3
31910	17.2	272.1	-20	0.2
31920	20.7	272.1	-20	3.1
31930	21.6	272.0	-20	9.0
31940	19.3	271.9	-19	13.3
31950	14.6	271.7	-19	19.4
31960	11.4	271.4	-19	26.0
31970	11.5	271.2	-19	26.3
31980	14.1	270.9	-18	26.6
31990	17.4	270.6	-18	37.0
32000	19.5	270.2	-18	42.0
32010	19.9	269.8	-17	43.6
32020	19.0	269.3	-17	43.9
32030	18.0	268.8	-16	59.3
32040	17.9	268.2	-16	58.5
32050	18.3	267.6	-15	56.9
32060	19.1	266.9	-14	62.5
32070	19.4	266.2	-14	66.5
32080	19.1	265.4	-13	86.7
32090	18.3	264.6	-12	91.8
32100	17.5	263.8	-11	88.3
32110	16.8	262.8	-10	83.5
32120	16.8	261.9	-9	87.3
32130	17.8	260.9	-8	91.3
32140	18.3	259.8	-7	106.2
32150	18.6	258.7	-6	111.0
32160	17.8	257.5	-5	116.0
32170	16.7	256.3	-4	120.5
32180	15.9	255.1	-3	125.1
32190	15.7	253.8	-1	128.8
32200	15.6	252.5	0	133.1
32210	15.1	251.1	1	136.8
32220	15.1	249.7	3	140.8
32230	15.1	248.3	4	144.5
32240	14.5	246.8	6	148.2
32250	14.0	245.3	7	152.0
32260	13.4	243.8	9	155.2
32270	12.6	242.2	10	158.4
32280	12.1	240.6	12	161.0
32290	11.4	239.0	13	163.9
32300	11.0	237.3	15	166.3
32310	10.6	235.6	17	168.7
32320	10.6	233.9	19	171.1
32330	11.0	232.2	20	173.5
32340	10.4	230.4	22	175.9
32350	8.9	228.6	24	178.3

32360	8.0	226.9	26	179.9
32370	7.9	225.0	27	181.5
32380	8.3	223.2	29	183.1
32390	8.4	221.4	31	184.4
32400	8.1	219.5	33	186.0
32410	7.5	217.6	35	187.9
32420	6.8	215.7	37	189.0
32430	7.1	213.9	39	190.0
32440	7.1	211.9	41	191.4
32450	6.2	210.0	42	192.4
32460	5.7	208.1	44	193.5
32470	5.2	206.1	46	194.6
32480	5.0	204.2	48	195.1
32490	5.2	202.2	50	195.6
32500	5.0	200.3	52	196.2
32510	4.2	198.3	54	196.7
32520	3.8	196.3	56	197.0
32530	3.8	194.4	58	197.2
32540	3.5	192.4	60	197.5
32550	3.1	190.4	62	197.5
32560	2.7	188.4	64	197.5
32570	2.7	186.5	66	197.5
32580	2.6	184.5	68	197.2
32590	2.4	182.5	70	197.2
32600	2.3	180.6	72	197.0
32610	2.2	178.6	74	196.7
32620	2.2	176.6	76	196.4
32630	2.0	174.7	78	196.2
32640	2.0	172.7	80	195.9
32650	2.0	170.7	82	195.6
32660	1.9	168.8	84	195.1
32670	1.5	166.8	86	194.6
32680	-0.3	164.9	88	193.8
32690	-1.9	163.0	89	192.7
32700	-0.9	161.1	91	191.1
32710	1.1	159.1	93	190.3
32720	1.8	157.3	95	189.5
32730	2.0	155.4	97	189.2
32740	1.9	153.5	99	189.0
32750	1.9	151.6	101	189.0
32760	1.9	149.7	103	188.2
32770	1.8	147.8	105	188.2
32780	1.2	145.9	107	187.4
32790	0.9	144.1	108	187.1
32800	1.1	142.2	110	186.3
32810	0.8	140.3	112	185.8
32820	0.3	138.5	114	185.2
32830	0.8	136.6	116	184.2
32840	1.8	134.8	118	183.9
32850	2.0	133.0	119	183.4
32860	1.8	131.1	121	183.4
32870	1.6	129.3	123	182.8
32880	0.7	127.5	125	182.3
32890	0.0	125.6	127	181.5

32900	-0.3	123.8	129	181.0
32910	0.0	122.0	130	179.9
32920	-0.1	120.2	132	178.9
32930	0.1	118.5	134	177.8
32940	0.5	116.7	136	177.3
32950	0.5	114.9	138	176.5
32960	-0.3	113.2	139	175.9
32970	-1.5	111.4	141	174.3
32980	-1.9	109.7	143	173.3
32990	-1.6	107.9	145	171.9
33000	-0.9	106.2	146	170.9
33010	-1.4	104.5	148	169.5
33020	-2.4	102.9	150	167.7
33030	-3.1	101.2	151	166.3
33040	-2.7	99.5	153	164.5
33050	-1.9	97.9	155	162.9
33060	-1.8	96.3	156	161.8
33070	-2.4	94.7	158	160.5
33080	-4.5	93.1	159	158.6
33090	-5.6	91.5	161	156.2
33100	-5.3	90.0	162	153.8
33110	-4.5	88.4	164	151.4
33120	-4.3	86.9	166	149.8
33130	-5.6	85.5	167	147.4
33140	-4.5	84.0	168	154.4
33150	2.7	82.8	170	124.5
33160	2.8	81.7	171	110.4
33170	9.8	80.7	172	87.5
33180	18.4	79.8	173	86.7
33190	15.6	79.0	173	76.4
33200	4.9	78.3	174	66.8
33210	-0.5	77.7	175	57.7
33220	-3.1	77.2	175	51.1
33230	-15.5	76.7	176	43.3
33240	-22.6	76.3	176	39.4
33250	-23.2	76.0	176	29.2
33260	-20.3	75.8	177	25.2
33270	-17.6	75.6	177	17.5
33280	-18.6	75.5	177	11.4
33290	-23.2	75.4	177	7.4
33300	-26.8	75.3	177	-0.5
33310	-30.9	75.4	177	-3.7
33320	-33.0	75.5	177	-10.6
33330	-31.7	75.7	177	-18.9
33340	-29.3	75.9	177	-29.2
33350	-29.3	76.3	176	-33.8
33360	-31.9	76.7	176	-50.5
33370	-34.3	77.2	175	-54.5
33380	-35.4	77.8	175	-57.5
33390	-33.6	78.6	174	-80.6
33400	-30.2	79.4	173	-90.5
33410	-27.0	80.2	172	-90.5
33420	-26.4	81.2	171	-87.3
33430	-28.2	82.2	170	-93.9

33440	-31.1	83.4	169	-123.2
33450	-32.1	84.6	168	-132.0
33460	-30.6	85.8	167	-141.6
33470	-28.2	87.2	165	-136.5
33480	-25.8	88.6	164	-144.5
33490	-25.5	90.1	162	-151.4
33500	-26.0	91.7	161	-158.1
33510	-26.6	93.3	159	-165.3
33520	-27.3	95.0	157	-172.2
33530	-27.0	96.8	156	-179.7
33540	-26.3	98.6	154	-186.8
33550	-24.8	100.5	152	-193.2
33560	-23.6	102.5	150	-199.9
33570	-22.2	104.6	148	-206.0
33580	-21.7	106.7	146	-211.6
33590	-21.0	108.8	144	-216.7
33600	-19.1	111.0	141	-221.7
33610	-17.9	113.3	139	-226.2
33620	-17.4	115.6	137	-230.2
33630	-17.2	117.9	135	-234.5
33640	-16.4	120.3	132	-238.5
33650	-15.9	122.7	130	-241.9
33660	-16.1	125.1	127	-245.4
33670	-15.9	127.6	125	-249.1
33680	-14.4	130.1	122	-252.3
33690	-13.2	132.7	120	-255.5
33700	-12.9	135.3	117	-258.2
33710	-12.1	137.9	115	-260.8
33720	-11.4	140.5	112	-263.2
33730	-12.6	143.1	109	-265.6
33740	-14.1	145.8	107	-267.8
33750	-14.1	148.5	104	-270.7
33760	-13.6	151.2	101	-273.9
33770	-12.9	154.0	98	-276.6
33780	-11.0	156.8	96	-279.0
33790	-9.2	159.6	93	-280.5
33800	-10.7	162.4	90	-282.4
33810	-12.7	165.3	87	-284.0
33820	-13.7	168.1	84	-286.1
33830	-13.8	171.0	81	-289.1
33840	-12.5	173.9	79	-290.9
33850	-12.2	176.8	76	-291.5
33860	-13.0	179.7	73	-291.5
33870	-14.0	182.6	70	-291.5
33880	-14.0	185.6	67	-291.5
33890	-13.6	188.5	64	-291.5
33900	-11.7	191.4	61	-291.2
33910	-9.1	194.3	58	-290.9
33920	-8.8	197.2	55	-291.2
33930	-8.5	200.1	52	-290.9
33940	-8.5	203.0	49	-290.9
33950	-8.3	205.9	47	-290.9
33960	-6.2	208.8	44	-290.9
33970	-3.8	211.8	41	-290.4

33980	-3.5	214.7	38	-290.1
33990	-3.1	217.6	35	-290.1
34000	-3.1	220.5	32	-289.6
34010	-3.0	223.3	29	-288.5
34020	-2.8	226.2	26	-288.5
34030	-2.6	229.1	23	-287.7
34040	-0.8	232.0	20	-287.2
34050	5.2	234.9	18	-285.3
34060	9.4	237.7	15	-281.9
34070	6.8	240.5	12	-277.9
34080	2.6	243.2	9	-275.2
34090	0.9	246.0	6	-273.1
34100	2.3	248.7	4	-271.5
34110	4.5	251.4	1	-269.4
34120	7.1	254.0	-2	-266.4
34130	8.4	256.7	-4	-262.7
34140	7.9	259.3	-7	-259.0
34150	6.4	261.8	-9	-252.9
34160	-3.7	263.9	-11	-208.9
34170	-34.6	265.7	-13	-167.4
34180	-66.6	267.2	-15	-147.7
34190	-75.7	268.3	-16	-108.6
34200	-59.5	269.2	-17	-84.9
34210	-29.2	269.9	-17	-70.8
34220	-3.5	270.4	-18	-48.9
34230	1.4	270.8	-18	-37.8
34240	10.2	271.1	-19	-26.3
34250	20.6	271.3	-19	-21.0
34260	22.4	271.5	-19	-12.7
34270	18.4	271.6	-19	-8.2
34280	13.3	271.7	-19	-3.4
34290	11.0	271.7	-19	0.0
34300	15.5	271.7	-19	0.5
34310	21.0	271.6	-19	5.0
34320	22.8	271.5	-19	9.3
34330	19.0	271.4	-19	14.9
34340	12.5	271.2	-19	19.1
34350	8.4	270.9	-18	27.1
34360	10.0	270.7	-18	26.8
34370	15.7	270.4	-18	26.8
34380	22.1	270.1	-18	31.4
34390	25.2	269.7	-17	36.4
34400	23.7	269.2	-17	51.9
34410	20.1	268.7	-16	52.9
34420	16.4	268.1	-16	53.2
34430	15.6	267.5	-15	68.9
34440	17.4	266.8	-14	73.7
34450	20.1	266.1	-14	78.8
34460	21.7	265.4	-13	84.6
34470	20.7	264.5	-12	90.7
34480	18.0	263.7	-11	88.1
34490	15.2	262.8	-10	83.3
34500	14.1	261.9	-9	86.5
34510	15.3	260.9	-8	89.9

34520	17.5	259.8	-7	104.0
34530	19.1	258.7	-6	108.8
34540	19.0	257.6	-5	113.9
34550	17.0	256.4	-4	119.0
34560	14.9	255.2	-3	123.5
34570	13.2	253.9	-1	127.2
34580	12.9	252.6	0	130.7
34590	13.8	251.3	1	133.9
34600	14.8	249.9	3	137.3
34610	14.5	248.5	4	141.0
34620	13.0	247.1	5	144.5
34630	11.5	245.6	7	147.4
34640	10.7	244.1	8	150.4
34650	11.1	242.6	10	152.5
34660	11.5	241.1	11	155.4
34670	12.1	239.5	13	157.8
34680	11.3	237.9	15	160.7
34690	9.9	236.3	16	163.4
34700	8.5	234.6	18	165.3
34710	8.1	232.9	20	167.1
34720	8.7	231.3	21	169.0
34730	8.8	229.6	23	170.3
34740	8.4	227.8	25	172.5
34750	8.0	226.1	26	173.8
34760	7.9	224.3	28	175.4
34770	7.1	222.6	30	177.0
34780	6.1	220.8	32	178.3
34790	5.8	219.0	33	179.1
34800	5.6	217.2	35	179.9
34810	5.4	215.4	37	180.4
34820	6.0	213.6	39	181.5
34830	5.8	211.8	41	182.3
34840	4.9	209.9	43	183.1
34850	4.1	208.1	44	183.6
34860	3.8	206.3	46	183.9
34870	3.9	204.4	48	184.2
34880	4.2	202.6	50	184.4
34890	4.1	200.7	52	185.0
34900	3.3	198.9	54	185.2
34910	2.8	197.0	55	185.0
34920	3.0	195.2	57	185.0
34930	3.4	193.3	59	185.0
34940	3.7	191.5	61	185.2
34950	3.5	189.6	63	185.5
34960	3.5	187.8	65	185.5
34970	3.5	185.9	67	185.8
34980	3.5	184.0	68	185.8
34990	3.3	182.2	70	185.8
35000	2.7	180.3	72	186.0
35010	2.6	178.5	74	186.0
35020	2.6	176.6	76	186.0
35030	2.4	174.7	78	185.8
35040	2.2	172.9	80	185.8
35050	2.2	171.0	81	185.2

35060	2.0	169.2	83	185.5
35070	1.9	167.3	85	185.0
35080	1.9	165.5	87	184.7
35090	1.8	163.6	89	184.2
35100	1.1	161.8	91	183.9
35110	-1.4	160.0	92	183.4
35120	-3.1	158.1	94	181.8
35130	-2.0	156.3	96	179.7
35140	1.9	154.5	98	178.6
35150	2.6	152.8	100	178.6
35160	2.4	151.0	101	178.3
35170	2.4	149.2	103	178.3
35180	2.4	147.4	105	178.1
35190	2.4	145.6	107	178.1
35200	2.6	143.9	109	177.8
35210	3.0	142.1	110	177.8
35220	3.5	140.3	112	177.8
35230	3.8	138.5	114	178.1
35240	3.7	136.7	116	178.3
35250	2.7	134.9	118	178.6
35260	2.3	133.2	119	178.6
35270	2.0	131.4	121	178.3
35280	2.0	129.6	123	178.1
35290	2.0	127.8	125	178.1
35300	2.0	126.0	126	177.5
35310	1.9	124.3	128	177.8
35320	1.9	122.5	130	177.3
35330	1.8	120.7	132	177.0
35340	1.8	118.9	134	176.5
35350	0.5	117.2	135	176.2
35360	-1.4	115.4	137	175.1
35370	-1.9	113.7	139	174.1
35380	-0.8	111.9	141	172.5
35390	0.0	110.2	142	171.7
35400	0.7	108.5	144	170.9
35410	0.7	106.8	146	170.3
35420	-0.4	105.1	147	169.8
35430	-1.6	103.4	149	168.5
35440	-1.8	101.8	151	166.9
35450	-0.9	100.1	152	165.8
35460	-0.3	98.4	154	164.7
35470	-0.5	96.8	156	163.7
35480	-2.2	95.2	157	162.6
35490	-4.5	93.6	159	161.0
35500	-5.4	92.0	160	158.9
35510	-4.7	90.4	162	156.5
35520	-3.4	88.8	164	154.4
35530	-3.0	87.3	165	152.5
35540	-3.9	85.8	167	150.9
35550	-4.9	84.4	168	134.1
35560	2.0	83.0	169	116.8
35570	3.1	81.9	171	114.7
35580	12.1	80.8	172	111.2
35590	22.1	79.9	173	90.2

35600	19.8	79.1	173	79.0
35610	7.6	78.3	174	75.3
35620	-0.7	77.7	175	59.3
35630	-1.8	77.2	175	52.1
35640	-13.7	76.7	176	44.1
35650	-23.6	76.3	176	40.1
35660	-25.5	76.0	176	29.5
35670	-23.2	75.8	177	20.4
35680	-19.4	75.6	177	17.8
35690	-18.6	75.5	177	11.1
35700	-22.6	75.4	177	4.5
35710	-28.7	75.4	177	-1.3
35720	-34.6	75.5	177	-6.3
35730	-37.3	75.6	177	-16.7
35740	-35.5	75.8	177	-27.6
35750	-32.5	76.1	176	-38.6
35760	-32.0	76.6	176	-48.7
35770	-34.2	77.1	175	-53.2
35780	-38.1	77.7	175	-56.4
35790	-40.5	78.4	174	-80.3
35800	-38.9	79.2	173	-92.1
35810	-34.2	80.1	172	-104.6
35820	-29.6	81.2	171	-113.6
35830	-27.8	82.2	170	-111.5
35840	-29.7	83.4	169	-107.0
35850	-34.0	84.6	168	-114.7
35860	-37.0	86.0	166	-136.5
35870	-36.2	87.5	165	-146.4
35880	-33.1	89.0	163	-156.2
35890	-29.4	90.6	162	-165.3
35900	-27.4	92.3	160	-172.7
35910	-26.8	94.1	158	-180.2
35920	-27.4	96.0	156	-187.1
35930	-27.5	97.9	155	-194.3
35940	-25.9	99.9	153	-201.5
35950	-23.2	102.0	150	-208.1
35960	-21.3	104.1	148	-213.7
35970	-21.6	106.3	146	-219.1
35980	-23.7	108.5	144	-224.6
35990	-23.6	110.8	142	-230.5
36000	-21.0	113.1	139	-236.1
36010	-17.8	115.5	137	-241.1
36020	-15.3	118.0	134	-244.9
36030	-13.8	120.5	132	-248.6
36040	-14.6	123.0	129	-251.5
36050	-17.0	125.5	127	-254.7
36060	-18.4	128.1	124	-258.2
36070	-17.5	130.7	122	-262.4
36080	-15.5	133.3	119	-266.2
36090	-13.4	136.0	116	-269.6
36100	-11.4	138.7	114	-272.0
36110	-11.1	141.5	111	-274.2
36120	-13.2	144.2	108	-276.3
36130	-14.6	147.0	105	-279.0

36140	-14.6	149.8	103	-281.9
36150	-15.1	152.7	100	-284.5
36160	-14.2	155.5	97	-287.5
36170	-11.8	158.4	94	-290.1
36180	-12.3	161.3	91	-291.2
36190	-14.6	164.3	88	-291.2
36200	-17.0	167.2	85	-291.5
36210	-18.2	170.1	82	-291.7
36220	-18.2	173.0	79	-292.0
36230	-16.5	175.9	77	-291.7
36240	-15.1	178.8	74	-291.7
36250	-13.8	181.8	71	-291.7
36260	-13.3	184.7	68	-291.5
36270	-14.0	187.6	65	-291.5
36280	-13.4	190.5	62	-291.7
36290	-11.8	193.4	59	-291.5
36300	-10.7	196.3	56	-290.9
36310	-11.3	199.3	53	-291.5
36320	-11.0	202.2	50	-291.5
36330	-11.5	205.1	47	-291.2
36340	-10.4	208.0	44	-291.7
36350	-7.9	210.9	42	-291.2
36360	-5.7	213.8	39	-290.9
36370	-6.0	216.7	36	-290.9
36380	-6.4	219.6	33	-290.9
36390	-6.5	222.5	30	-290.7
36400	-6.2	225.4	27	-290.9
36410	-4.7	228.4	24	-290.7
36420	-3.4	231.3	21	-290.7
36430	-3.1	234.2	18	-290.1
36440	-3.0	237.1	15	-289.9
36450	-2.8	240.0	12	-289.3
36460	-2.7	242.9	10	-288.8
36470	-1.8	245.7	7	-288.0
36480	4.6	248.6	4	-286.1
36490	9.4	251.4	1	-283.2
36500	9.2	254.2	-2	-279.0
36510	5.8	257.0	-5	-275.5
36520	2.7	259.7	-7	-272.3
36530	-1.6	262.4	-10	-260.6
36540	-6.0	264.5	-12	-208.4
36550	-41.6	266.2	-14	-165.3
36560	-69.8	267.6	-15	-132.3
36570	-71.7	268.8	-16	-113.6
36580	-51.0	269.6	-17	-79.6
36590	-22.4	270.2	-18	-59.6
36600	1.8	270.7	-18	-39.6
36610	1.4	271.1	-19	-33.5
36620	7.1	271.4	-19	-25.8
36630	15.5	271.6	-19	-20.2
36640	16.3	271.7	-19	-13.0
36650	15.1	271.8	-19	-9.0
36660	14.2	271.9	-19	-3.7
36670	13.7	271.9	-19	0.2

36680	17.8	271.9	-19	0.5
36690	22.5	271.8	-19	6.1
36700	23.3	271.7	-19	10.9
36710	18.3	271.5	-19	20.2
36720	11.8	271.3	-19	23.1
36730	8.3	271.1	-19	23.6
36740	10.6	270.8	-18	31.4
36750	16.7	270.5	-18	31.4
36760	22.9	270.1	-18	32.7
36770	25.5	269.7	-17	38.3
36780	23.3	269.2	-17	54.3
36790	19.3	268.7	-16	55.3
36800	15.6	268.1	-16	54.3
36810	15.5	267.4	-15	70.5
36820	17.6	266.8	-14	75.6
36830	20.5	266.0	-14	80.9
36840	22.2	265.3	-13	86.7
36850	21.4	264.4	-12	91.8
36860	18.4	263.5	-11	99.3
36870	15.3	262.7	-10	94.7
36880	14.4	261.7	-9	88.6
36890	15.1	260.7	-8	92.1
36900	17.4	259.6	-7	106.4
36910	19.3	258.5	-6	111.2
36920	19.0	257.3	-5	116.0
36930	17.0	256.1	-4	121.3
36940	15.3	254.9	-2	125.9
36950	14.8	253.6	-1	129.6
36960	15.1	252.2	0	133.9
36970	16.0	250.9	2	137.6
36980	15.7	249.5	3	141.8
36990	14.6	248.0	4	145.6
37000	12.6	246.5	6	149.0
37010	11.8	245.0	7	152.2
37020	11.9	243.5	9	154.9
37030	13.2	241.9	11	157.8
37040	14.0	240.3	12	160.7
37050	13.7	238.7	14	164.5
37060	12.3	237.0	15	167.4
37070	10.7	235.3	17	170.1
37080	9.1	233.6	19	172.5
37090	9.2	231.9	21	174.1
37100	10.0	230.1	22	176.2
37110	10.2	228.3	24	178.3
37120	9.8	226.5	26	180.4
37130	8.9	224.7	28	182.3
37140	7.9	222.9	30	184.4
37150	6.5	221.0	31	185.8
37160	6.4	219.1	33	186.8
37170	6.6	217.3	35	187.9
37180	7.1	215.4	37	189.0
37190	7.9	213.5	39	190.0
37200	7.6	211.6	41	191.4
37210	6.5	209.6	43	192.7

37220	5.7	207.7	45	193.8
37230	5.7	205.8	47	194.6
37240	6.4	203.8	49	195.4
37250	7.1	201.8	51	196.4
37260	6.5	199.9	53	197.5
37270	5.4	197.9	55	198.6
37280	4.9	195.9	57	199.1
37290	5.2	193.9	59	199.6
37300	5.3	191.9	61	200.1
37310	4.5	189.9	63	200.9
37320	3.5	187.9	65	201.5
37330	3.3	185.9	67	201.5
37340	4.2	183.9	69	201.2
37350	5.8	181.8	71	201.5
37360	5.8	179.8	73	202.5
37370	4.6	177.8	75	203.1
37380	2.7	175.8	77	203.3
37390	2.0	173.7	79	203.1
37400	2.0	171.7	81	203.1
37410	2.0	169.7	83	202.5
37420	2.0	167.6	85	202.3
37430	2.0	165.6	87	201.7
37440	1.8	163.6	89	201.5
37450	0.7	161.6	91	200.9
37460	-1.4	159.6	93	200.1
37470	-2.3	157.6	95	198.3
37480	-0.9	155.6	97	197.0
37490	1.8	153.7	99	195.9
37500	2.6	151.7	101	195.4
37510	2.3	149.7	103	195.1
37520	2.2	147.8	105	195.1
37530	1.8	145.8	107	194.6
37540	0.9	143.9	109	194.3
37550	0.0	142.0	110	193.5
37560	-0.1	140.0	112	192.7
37570	0.0	138.1	114	191.6
37580	1.5	136.2	116	190.8
37590	2.4	134.3	118	190.6
37600	2.3	132.4	120	190.0
37610	2.2	130.5	122	189.8
37620	2.0	128.6	124	189.5
37630	1.8	126.7	126	189.5
37640	1.5	124.8	128	189.0
37650	0.8	122.9	130	188.2
37660	0.1	121.1	131	187.4
37670	-0.1	119.2	133	186.8
37680	0.7	117.3	135	186.0
37690	1.5	115.5	137	185.5
37700	1.5	113.6	139	185.0
37710	0.9	111.8	141	184.7
37720	0.0	109.9	143	183.9
37730	-0.3	108.1	144	182.8
37740	0.0	106.3	146	182.0
37750	0.0	104.5	148	181.0

37760	-0.5	102.7	150	179.9
37770	-1.5	100.9	152	178.9
37780	-1.6	99.1	153	177.5
37790	-1.5	97.3	155	176.2
37800	-1.5	95.6	157	174.9
37810	-2.0	93.8	159	173.8
37820	-2.7	92.1	160	172.2
37830	-2.8	90.4	162	170.6
37840	-3.0	88.7	164	169.0
37850	-4.1	87.0	165	167.1
37860	-6.0	85.4	167	165.0
37870	-3.7	83.8	169	171.1
37880	2.7	82.4	170	135.7
37890	6.9	81.2	171	105.6
37900	20.5	80.1	172	103.2
37910	26.4	79.2	173	80.9
37920	18.8	78.4	174	77.7
37930	6.1	77.7	175	66.5
37940	0.0	77.1	175	56.7
37950	-1.6	76.6	176	53.7
37960	-12.6	76.2	176	41.2
37970	-22.4	75.8	177	33.8
37980	-24.7	75.5	177	23.9
37990	-22.2	75.3	177	21.8
38000	-18.8	75.2	177	14.3
38010	-17.5	75.1	177	8.5
38020	-20.1	75.0	177	4.2
38030	-24.7	75.0	177	-1.3
38040	-29.4	75.0	177	-5.8
38050	-32.8	75.2	177	-13.3
38060	-33.1	75.4	177	-24.7
38070	-32.1	75.7	177	-34.6
38080	-32.5	76.0	176	-44.4
38090	-34.3	76.5	176	-49.2
38100	-36.2	77.1	175	-52.9
38110	-36.9	77.8	175	-75.6
38120	-34.8	78.5	174	-86.2
38130	-30.9	79.4	173	-96.9
38140	-27.4	80.3	172	-105.9
38150	-26.2	81.3	171	-113.9
38160	-27.5	82.4	170	-121.9
38170	-30.0	83.5	169	-117.6
38180	-32.3	84.8	168	-113.1
38190	-31.7	86.2	166	-134.4
38200	-29.7	87.6	165	-143.2
38210	-26.7	89.1	163	-150.9
38220	-25.1	90.6	162	-158.6
38230	-24.0	92.3	160	-164.7
38240	-24.1	94.0	158	-171.1
38250	-24.5	95.7	157	-177.3
38260	-24.8	97.5	155	-183.4
38270	-23.9	99.4	153	-190.0
38280	-22.6	101.4	151	-196.2
38290	-21.6	103.4	149	-201.7

38300	-21.4	105.4	147	-207.3
38310	-21.7	107.6	145	-212.7
38320	-20.3	109.7	143	-218.0
38330	-17.0	111.9	141	-222.5
38340	-14.9	114.2	138	-226.2
38350	-14.4	116.5	136	-230.0
38360	-14.9	118.8	134	-233.2
38370	-15.5	121.2	131	-236.1
38380	-16.1	123.6	129	-239.8
38390	-16.8	126.0	126	-243.3
38400	-16.4	128.4	124	-247.0
38410	-14.5	130.9	122	-250.5
38420	-13.0	133.5	119	-253.4
38430	-11.9	136.0	116	-255.8
38440	-11.0	138.6	114	-257.9
38450	-11.3	141.2	111	-259.8
38460	-13.4	143.8	109	-262.2
38470	-15.1	146.4	106	-264.8
38480	-14.9	149.1	103	-267.5
38490	-14.6	151.8	101	-270.7
38500	-13.2	154.5	98	-273.6
38510	-10.2	157.3	95	-275.5
38520	-8.4	160.1	92	-277.1
38530	-9.9	162.9	90	-278.7
38540	-11.4	165.6	87	-280.3
38550	-12.7	168.5	84	-282.7
38560	-12.9	171.3	81	-285.1
38570	-11.4	174.2	78	-287.5
38580	-10.4	177.1	75	-289.3
38590	-9.6	180.0	72	-290.9
38600	-10.0	182.9	70	-291.2
38610	-11.4	185.8	67	-290.9
38620	-13.0	188.7	64	-291.5
38630	-12.2	191.6	61	-291.2
38640	-10.4	194.5	58	-291.2
38650	-9.6	197.4	55	-290.9
38660	-8.0	200.4	52	-290.9
38670	-6.6	203.3	49	-290.7
38680	-5.7	206.2	46	-290.4
38690	-3.9	209.1	43	-290.9
38700	-3.1	212.0	40	-290.1
38710	-3.3	214.9	38	-289.9
38720	-3.0	217.8	35	-289.1
38730	-3.1	220.7	32	-289.1
38740	-3.0	223.6	29	-288.3
38750	-3.0	226.4	26	-288.0
38760	-2.7	229.3	23	-287.5
38770	-1.8	232.2	20	-286.9
38780	2.7	235.0	17	-285.3
38790	8.3	237.9	15	-282.4
38800	8.4	240.7	12	-279.0
38810	4.9	243.4	9	-275.5
38820	0.4	246.2	6	-273.1
38830	-1.4	248.9	4	-272.0

38840	-0.3	251.6	1	-271.0
38850	3.8	254.3	-2	-269.4
38860	8.4	257.0	-5	-266.4
38870	10.0	259.6	-7	-262.4
38880	7.3	262.0	-10	-230.5
38890	-4.5	264.3	-12	-224.6
38900	-35.4	266.0	-14	-147.2
38910	-69.8	267.4	-15	-132.5
38920	-76.3	268.5	-16	-105.6
38930	-54.8	269.4	-17	-89.9
38940	-27.3	270.0	-18	-62.5
38950	-0.3	270.5	-18	-46.5
38960	3.1	270.9	-18	-32.4
38970	15.6	271.2	-19	-30.0
38980	21.2	271.4	-19	-19.4
38990	19.5	271.6	-19	-11.9
39000	14.2	271.7	-19	-8.2
39010	11.1	271.7	-19	-4.2
39020	12.5	271.8	-19	-1.0
39030	18.2	271.8	-19	0.7
39040	23.9	271.7	-19	4.7
39050	22.8	271.6	-19	10.3
39060	16.5	271.5	-19	15.9
39070	10.4	271.2	-19	19.9
39080	9.4	271.0	-19	27.4
39090	13.6	270.7	-18	27.4
39100	20.5	270.4	-18	31.4
39110	25.8	270.1	-18	33.5
39120	26.3	269.6	-17	39.9
39130	22.8	269.1	-17	56.4
39140	18.6	268.6	-16	56.9
39150	16.3	268.0	-16	55.6
39160	17.5	267.3	-15	72.9
39170	20.5	266.6	-14	78.0
39180	22.2	265.8	-13	84.3
39190	22.6	265.0	-13	90.7
39200	20.7	264.2	-12	88.1
39210	18.2	263.3	-11	84.3
39220	16.4	262.3	-10	108.0
39230	17.0	261.3	-9	112.6
39240	18.6	260.2	-8	117.4
39250	20.2	259.1	-7	111.5
39260	20.1	257.9	-5	117.1
39270	18.3	256.7	-4	122.1
39280	16.5	255.5	-3	127.2
39290	15.9	254.2	-2	131.5
39300	15.9	252.8	0	135.5
39310	16.3	251.4	1	139.5
39320	17.2	250.0	2	143.7
39330	16.4	248.5	4	148.0
39340	14.5	247.0	5	152.2
39350	13.3	245.5	7	155.7
39360	13.0	243.9	9	159.2
39370	13.0	242.3	10	162.1

39380	13.8	240.6	12	165.0
39390	13.6	239.0	13	168.5
39400	12.6	237.3	15	171.4
39410	11.4	235.5	17	174.1
39420	10.4	233.7	19	177.0
39430	10.6	232.0	20	179.1
39440	11.3	230.2	22	181.5
39450	11.3	228.3	24	183.9
39460	10.4	226.5	26	186.6
39470	9.8	224.6	28	188.7
39480	9.2	222.7	30	190.8
39490	8.7	220.7	32	192.7
39500	8.8	218.8	34	194.3
39510	8.8	216.8	36	196.2
39520	8.8	214.9	38	197.8
39530	8.8	212.9	40	199.6
39540	7.9	210.9	42	201.2
39550	6.8	208.9	44	202.5
39560	6.1	206.8	46	203.3
39570	6.1	204.8	48	204.1
39580	5.8	202.7	50	204.9
39590	4.7	200.7	52	205.7
39600	2.8	198.6	54	206.3
39610	2.6	196.6	56	205.7
39620	2.8	194.5	58	205.7
39630	3.7	192.4	60	205.5
39640	4.9	190.4	62	205.7
39650	4.7	188.3	64	206.0
39660	3.3	186.3	66	206.3
39670	2.2	184.2	68	206.3
39680	2.2	182.1	70	206.0
39690	2.2	180.1	72	206.0
39700	2.0	178.0	74	205.5
39710	2.2	176.0	76	204.9
39720	1.9	173.9	79	204.9
39730	1.6	171.9	81	204.4
39740	0.3	169.8	83	203.6
39750	-0.8	167.8	85	202.5
39760	-1.1	165.8	87	201.2
39770	0.1	163.8	89	200.1
39780	2.0	161.8	91	199.4
39790	2.4	159.8	93	199.1
39800	2.2	157.8	95	198.8
39810	2.2	155.8	97	198.8
39820	2.2	153.8	99	198.6
39830	2.3	151.8	101	198.0
39840	2.2	149.9	103	197.8
39850	2.2	147.9	105	197.5
39860	2.0	145.9	107	197.2
39870	2.0	144.0	108	197.0
39880	1.9	142.0	110	196.4
39890	1.8	140.0	112	195.9
39900	1.6	138.1	114	195.9
39910	1.9	136.1	116	195.1

39920	2.4	134.2	118	194.8
39930	2.3	132.2	120	194.6
39940	2.2	130.3	122	194.6
39950	2.3	128.3	124	194.0
39960	2.3	126.4	126	194.0
39970	2.2	124.4	128	193.8
39980	2.0	122.5	130	193.2
39990	1.9	120.6	132	193.2
40000	1.5	118.7	134	192.7
40010	0.5	116.7	136	192.2
40020	0.1	114.8	138	191.4
40030	0.3	112.9	140	190.6
40040	0.1	111.0	141	189.5
40050	0.4	109.1	143	188.7
40060	1.1	107.2	145	187.9
40070	0.5	105.4	147	187.6
40080	-0.9	103.5	149	186.6
40090	-2.2	101.6	151	185.2
40100	-2.2	99.8	153	183.6
40110	-0.9	98.0	154	182.3
40120	0.0	96.1	156	181.2
40130	-0.3	94.3	158	180.2
40140	-1.8	92.5	160	179.4
40150	-3.0	90.8	162	177.5
40160	-2.8	89.0	163	175.9
40170	-3.0	87.3	165	174.1
40180	-3.4	85.5	167	172.5
40190	-1.9	83.9	169	165.5
40200	2.8	82.4	170	128.3
40210	14.4	81.2	171	123.5
40220	31.5	80.1	172	96.3
40230	34.7	79.1	173	92.9
40240	23.7	78.3	174	79.6
40250	7.9	77.5	175	74.0
40260	-0.4	76.9	176	56.4
40270	-4.1	76.5	176	48.4
40280	-17.8	76.0	176	40.1
40290	-26.0	75.7	177	35.6
40300	-26.3	75.4	177	25.0
40310	-22.0	75.2	177	19.7
40320	-16.8	75.1	177	12.5
40330	-15.9	75.0	177	7.1
40340	-19.4	74.9	178	3.1
40350	-24.8	75.0	177	-2.1
40360	-29.8	75.0	177	-7.4
40370	-32.7	75.1	177	-14.1
40380	-33.1	75.3	177	-25.8
40390	-32.7	75.6	177	-35.6
40400	-33.6	76.0	176	-45.2
40410	-35.4	76.5	176	-50.5
40420	-37.0	77.1	175	-55.3
40430	-38.2	77.8	175	-63.8
40440	-37.6	78.6	174	-89.1
40450	-34.6	79.4	173	-91.0

40460	-30.9	80.4	172	-90.2
40470	-28.2	81.5	171	-97.1
40480	-27.8	82.6	170	-104.3
40490	-29.8	83.9	169	-135.2
40500	-32.1	85.2	167	-144.0
40510	-33.2	86.5	166	-139.5
40520	-32.3	88.0	164	-148.8
40530	-30.0	89.6	163	-157.6
40540	-28.1	91.2	161	-165.5
40550	-25.6	92.9	160	-173.0
40560	-23.9	94.7	158	-179.4
40570	-23.5	96.5	156	-186.0
40580	-24.0	98.4	154	-191.6
40590	-23.7	100.4	152	-198.0
40600	-23.1	102.4	150	-204.1
40610	-22.1	104.5	148	-210.0
40620	-22.5	106.7	146	-215.6
40630	-22.6	108.9	144	-221.2
40640	-20.7	111.1	141	-226.5
40650	-18.3	113.4	139	-231.6
40660	-15.7	115.8	137	-235.6
40670	-13.8	118.2	134	-239.0
40680	-12.6	120.6	132	-241.7
40690	-13.3	123.0	129	-244.3
40700	-15.3	125.5	127	-247.3
40710	-16.5	128.0	124	-250.5
40720	-15.9	130.5	122	-253.9
40730	-14.4	133.1	119	-257.4
40740	-12.6	135.7	117	-260.6
40750	-10.6	138.3	114	-263.0
40760	-9.8	140.9	112	-264.8
40770	-11.4	143.6	109	-267.0
40780	-13.2	146.3	106	-268.8
40790	-13.4	149.0	103	-271.0
40800	-14.4	151.7	101	-273.9
40810	-14.2	154.5	98	-276.8
40820	-12.2	157.3	95	-279.2
40830	-10.3	160.1	92	-281.3
40840	-11.3	162.9	90	-283.2
40850	-12.1	165.7	87	-285.3
40860	-12.6	168.6	84	-288.0
40870	-12.9	171.5	81	-290.1
40880	-12.3	174.4	78	-291.5
40890	-13.3	177.3	75	-291.7
40900	-14.2	180.3	72	-292.0
40910	-15.2	183.2	69	-291.5
40920	-14.9	186.1	66	-291.2
40930	-13.4	189.0	63	-291.5
40940	-10.2	191.9	61	-291.2
40950	-8.1	194.8	58	-290.9
40960	-8.1	197.7	55	-290.9
40970	-9.1	200.7	52	-291.2
40980	-9.9	203.6	49	-290.9
40990	-9.5	206.5	46	-291.2

41000	-7.2	209.4	43	-290.9
41010	-3.7	212.3	40	-290.7
41020	-3.4	215.2	37	-290.1
41030	-3.1	218.1	34	-289.9
41040	-3.1	221.0	31	-289.3
41050	-3.0	223.9	29	-288.8
41060	-2.8	226.8	26	-288.3
41070	-2.8	229.7	23	-288.0
41080	-2.4	232.5	20	-287.2
41090	1.4	235.4	17	-286.1
41100	7.9	238.2	14	-283.5
41110	10.0	241.0	11	-279.8
41120	7.6	243.8	9	-275.5
41130	2.6	246.5	6	-272.3
41140	0.3	249.3	3	-270.7
41150	0.9	251.9	1	-269.1
41160	5.0	254.6	-2	-266.7
41170	9.8	257.3	-5	-263.8
41180	12.1	259.9	-7	-259.3
41190	9.1	262.3	-10	-224.4
41200	-4.2	264.5	-12	-217.2
41210	-33.0	266.0	-14	-159.4
41220	-64.4	267.4	-15	-128.8
41230	-69.6	268.5	-16	-103.2
41240	-46.8	269.4	-17	-88.1
41250	-19.4	270.0	-18	-61.4
41260	1.1	270.5	-18	-46.0
41270	12.2	270.9	-18	-32.2
41280	26.6	271.2	-19	-26.3
41290	32.1	271.4	-19	-15.9
41300	26.8	271.5	-19	-10.1
41310	19.1	271.5	-19	-2.9
41320	14.9	271.5	-19	0.7
41330	18.7	271.5	-19	2.3
41340	24.1	271.5	-19	8.2
41350	26.2	271.4	-19	12.7
41360	23.5	271.2	-19	18.3
41370	16.7	270.9	-18	29.2
41380	12.1	270.6	-18	30.8
41390	12.3	270.3	-18	30.6
41400	17.6	269.9	-17	34.0
41410	24.5	269.5	-17	38.8
41420	28.3	269.0	-17	44.7
41430	26.7	268.4	-16	63.0
41440	22.1	267.9	-15	63.8
41450	17.6	267.2	-15	62.5
41460	16.4	266.4	-14	81.9
41470	18.6	265.6	-13	87.0
41480	22.1	264.8	-12	92.1
41490	23.3	263.9	-11	98.7
41500	22.1	263.0	-11	95.5
41510	19.3	262.0	-10	91.3
41520	16.4	260.9	-8	106.4
41530	15.5	259.8	-7	110.2

41540	16.5	258.7	-6	114.4
41550	18.6	257.5	-5	119.0
41560	19.9	256.3	-4	124.0
41570	20.1	255.0	-3	129.3
41580	18.8	253.7	-1	134.4
41590	16.0	252.3	0	139.5
41600	15.3	250.9	2	143.2
41610	15.3	249.4	3	147.4
41620	15.7	247.9	5	150.9
41630	15.5	246.4	6	154.9
41640	14.9	244.8	8	158.9
41650	13.4	243.2	9	162.3
41660	11.9	241.5	11	165.8
41670	11.7	239.8	13	168.2
41680	11.7	238.1	14	171.1
41690	12.2	236.4	16	173.5
41700	12.1	234.6	18	176.5
41710	11.3	232.8	20	179.1
41720	10.6	231.0	21	181.8
41730	8.9	229.2	23	183.9
41740	8.5	227.3	25	185.8
41750	9.1	225.5	27	187.1
41760	9.4	223.6	29	189.0
41770	9.1	221.7	31	190.6
41780	7.7	219.8	33	192.4
41790	6.5	217.8	35	193.8
41800	5.7	215.9	37	194.6
41810	6.2	213.9	39	195.4
41820	6.6	212.0	40	196.7
41830	6.1	210.0	42	197.5
41840	5.3	208.0	44	198.3
41850	4.9	206.0	46	198.8
41860	5.3	204.0	48	199.4
41870	5.6	202.0	50	200.1
41880	5.0	200.0	52	200.9
41890	3.9	198.0	54	201.5
41900	3.7	196.0	56	201.7
41910	3.8	194.0	58	201.7
41920	4.1	192.0	60	201.7
41930	4.1	190.0	62	202.3
41940	3.9	187.9	65	202.5
41950	4.1	185.9	67	202.5
41960	4.1	183.9	69	202.8
41970	3.8	181.8	71	203.1
41980	2.8	179.8	73	203.3
41990	2.6	177.8	75	203.1
42000	2.4	175.8	77	202.8
42010	2.3	173.7	79	202.5
42020	2.3	171.7	81	202.3
42030	2.2	169.7	83	202.0
42040	2.3	167.7	85	201.7
42050	2.3	165.6	87	201.5
42060	2.2	163.6	89	201.2
42070	2.2	161.6	91	200.9

42080	2.0	159.6	93	200.7
42090	1.8	157.6	95	200.1
42100	0.5	155.6	97	199.6
42110	0.3	153.6	99	198.6
42120	1.8	151.6	101	198.0
42130	2.4	149.7	103	197.5
42140	2.3	147.7	105	197.2
42150	2.2	145.7	107	197.0
42160	2.2	143.7	109	197.0
42170	2.0	141.8	111	196.4
42180	1.8	139.8	113	195.9
42190	1.1	137.9	115	195.6
42200	0.4	135.9	117	194.8
42210	0.7	134.0	118	194.0
42220	1.1	132.0	120	193.5
42230	1.1	130.1	122	193.0
42240	0.5	128.2	124	192.2
42250	0.3	126.3	126	191.4
42260	0.1	124.3	128	190.8
42270	-0.4	122.4	130	189.8
42280	-1.1	120.6	132	188.2
42290	-0.8	118.7	134	187.1
42300	0.0	116.8	136	186.6
42310	0.5	115.0	137	185.5
42320	0.1	113.1	139	184.7
42330	-1.2	111.3	141	183.9
42340	-2.2	109.4	143	182.3
42350	-1.8	107.6	145	181.0
42360	-0.8	105.8	147	179.9
42370	-0.5	104.0	148	178.6
42380	-0.9	102.3	150	177.5
42390	-0.9	100.5	152	176.2
42400	-1.1	98.7	154	174.9
42410	-0.8	97.0	155	173.5
42420	-1.1	95.3	157	172.5
42430	-2.0	93.6	159	171.1
42440	-2.4	91.9	161	169.8
42450	-2.0	90.2	162	168.2
42460	-1.8	88.5	164	166.6
42470	-2.0	86.8	166	165.3
42480	-3.7	85.3	167	147.4
42490	-0.7	83.7	169	137.3
42500	3.0	82.3	170	133.3
42510	13.8	81.1	171	127.5
42520	28.6	80.1	172	101.9
42530	32.0	79.1	173	88.9
42540	22.2	78.3	174	76.6
42550	8.5	77.7	175	59.1
42560	-0.1	77.1	175	55.6
42570	-1.8	76.6	176	47.9
42580	-14.0	76.2	176	40.4
42590	-24.4	75.8	177	29.5
42600	-25.9	75.5	177	25.5
42610	-23.2	75.3	177	16.5

42620	-18.6	75.2	177	13.5
42630	-16.8	75.1	177	7.7
42640	-19.7	75.1	177	2.1
42650	-25.9	75.1	177	-1.3
42660	-32.3	75.1	177	-6.6
42670	-35.4	75.3	177	-15.9
42680	-34.4	75.5	177	-25.5
42690	-31.7	75.8	177	-38.3
42700	-31.2	76.3	176	-48.1
42710	-33.0	76.7	176	-47.1
42720	-36.2	77.4	175	-67.8
42730	-37.7	78.0	174	-71.0
42740	-36.3	78.8	174	-72.9
42750	-32.5	79.7	173	-81.9
42760	-28.5	80.7	172	-89.7
42770	-26.6	81.7	171	-96.3
42780	-28.2	82.9	170	-125.6
42790	-31.6	84.1	168	-132.8
42800	-33.5	85.4	167	-142.9
42810	-33.4	86.7	166	-138.9
42820	-30.9	88.2	164	-148.5
42830	-27.8	89.7	163	-156.5
42840	-25.5	91.4	161	-163.9
42850	-25.0	93.1	159	-170.9
42860	-25.1	94.8	158	-177.3
42870	-25.2	96.6	156	-184.2
42880	-24.5	98.5	154	-190.6
42890	-22.5	100.5	152	-197.0
42900	-20.9	102.5	150	-202.5
42910	-20.3	104.6	148	-207.9
42920	-21.4	106.7	146	-212.9
42930	-22.0	108.8	144	-218.3
42940	-20.1	111.1	141	-223.3
42950	-17.2	113.3	139	-228.1
42960	-15.1	115.6	137	-231.8
42970	-14.0	118.0	134	-235.0
42980	-13.7	120.4	132	-238.0
42990	-14.8	122.8	130	-241.1
43000	-16.3	125.2	127	-244.1
43010	-17.0	127.7	125	-247.8
43020	-15.1	130.2	122	-251.5
43030	-13.4	132.7	120	-254.5
43040	-12.2	135.3	117	-257.7
43050	-11.1	137.9	115	-259.8
43060	-10.4	140.5	112	-261.9
43070	-11.9	143.1	109	-264.3
43080	-13.8	145.8	107	-266.4
43090	-14.2	148.5	104	-269.1
43100	-14.4	151.2	101	-272.3
43110	-14.0	153.9	99	-275.2
43120	-12.3	156.7	96	-277.9
43130	-10.6	159.5	93	-279.8
43140	-11.8	162.3	90	-281.6
43150	-13.7	165.2	87	-284.3

43160	-14.4	168.0	84	-286.9
43170	-14.6	170.9	82	-289.6
43180	-13.3	173.8	79	-291.5
43190	-13.2	176.7	76	-291.5
43200	-13.7	179.6	73	-291.7
43210	-14.1	182.6	70	-291.5
43220	-13.6	185.5	67	-291.5
43230	-12.7	188.4	64	-291.5
43240	-10.2	191.3	61	-290.9
43250	-7.3	194.2	58	-290.7
43260	-7.6	197.1	55	-290.7
43270	-8.1	200.0	52	-290.9
43280	-8.9	202.9	50	-290.9
43290	-9.2	205.9	47	-291.5
43300	-7.5	208.8	44	-291.2
43310	-4.1	211.7	41	-290.9
43320	-3.4	214.6	38	-290.7
43330	-3.1	217.5	35	-290.1
43340	-3.1	220.4	32	-289.9
43350	-3.0	223.3	29	-289.1
43360	-3.0	226.2	26	-288.8
43370	-2.8	229.1	23	-288.3
43380	-2.7	231.9	21	-287.5
43390	-2.3	234.8	18	-286.7
43400	1.8	237.7	15	-285.9
43410	8.0	240.5	12	-283.5
43420	10.2	243.3	9	-279.5
43430	7.1	246.1	6	-275.2
43440	3.0	248.8	4	-272.0
43450	0.4	251.5	1	-270.2
43460	2.4	254.2	-2	-268.8
43470	6.8	256.9	-4	-266.4
43480	10.4	259.5	-7	-262.7
43490	9.6	262.1	-10	-279.0
43500	-4.2	264.2	-12	-206.8
43510	-37.4	265.9	-13	-165.5
43520	-71.7	267.3	-15	-119.5
43530	-78.9	268.4	-16	-106.7
43540	-60.1	269.3	-17	-82.7
43550	-27.4	270.0	-18	-68.9
43560	-2.2	270.5	-18	-46.8
43570	2.0	270.9	-18	-39.4
43580	12.3	271.2	-19	-27.9
43590	22.0	271.4	-19	-17.8
43600	23.9	271.6	-19	-13.3
43610	19.9	271.6	-19	-5.8
43620	14.1	271.7	-19	-0.7
43630	13.7	271.6	-19	0.5
43640	18.2	271.6	-19	5.5
43650	21.8	271.5	-19	9.0
43660	21.6	271.4	-19	13.5
43670	16.8	271.2	-19	18.9
43680	11.5	270.9	-18	28.2
43690	10.4	270.7	-18	28.7

43700	13.8	270.4	-18	28.4
43710	19.8	270.0	-18	32.2
43720	24.4	269.6	-17	37.2
43730	25.2	269.2	-17	43.1
43740	22.0	268.6	-16	59.9
43750	18.2	268.1	-16	59.9
43760	16.1	267.4	-15	71.3
43770	17.5	266.7	-14	76.1
43780	20.6	266.0	-14	81.4
43790	23.5	265.2	-13	87.3
43800	23.6	264.4	-12	94.2
43810	20.7	263.5	-11	91.5
43820	17.1	262.5	-10	87.0
43830	14.9	261.5	-9	111.2
43840	15.3	260.4	-8	115.2
43850	17.2	259.4	-7	108.8
43860	18.8	258.2	-6	113.6
43870	18.8	257.1	-5	118.4
43880	17.4	255.8	-3	123.7
43890	15.6	254.6	-2	128.3
43900	14.5	253.3	-1	132.0
43910	13.4	251.9	1	136.0
43920	14.2	250.5	2	139.2
43930	14.8	249.1	3	142.9
43940	13.8	247.7	5	146.4
43950	12.1	246.2	6	149.8
43960	10.8	244.6	8	152.8
43970	10.6	243.1	9	155.2
43980	10.8	241.5	11	157.8
43990	11.8	239.9	13	160.0
44000	11.5	238.3	14	162.9
44010	11.0	236.6	16	165.8
44020	9.9	235.0	17	168.2
44030	8.7	233.3	19	170.3
44040	8.3	231.6	21	171.9
44050	8.5	229.8	23	173.5
44060	8.8	228.1	24	175.4
44070	9.2	226.3	26	177.0
44080	9.6	224.5	28	178.9
44090	9.4	222.7	30	181.2
44100	8.4	220.9	32	182.8
44110	7.5	219.1	33	184.4
44120	6.6	217.2	35	185.5
44130	6.5	215.3	37	186.8
44140	7.5	213.5	39	187.9
44150	7.6	211.6	41	189.2
44160	7.2	209.7	43	190.6
44170	6.8	207.8	45	191.6
44180	6.4	205.8	47	192.7
44190	6.6	203.9	49	194.0
44200	6.8	201.9	51	195.1
44210	6.2	200.0	52	195.9
44220	4.7	198.0	54	197.0
44230	4.1	196.0	56	197.2

44240	4.2	194.1	58	197.5
44250	4.5	192.1	60	197.8
44260	4.5	190.1	62	198.3
44270	4.3	188.1	64	198.8
44280	3.9	186.1	66	199.1
44290	3.3	184.1	68	199.4
44300	3.1	182.1	70	199.4
44310	2.8	180.2	72	199.6
44320	3.1	178.2	74	199.4
44330	3.8	176.2	76	199.1
44340	3.9	174.2	78	199.4
44350	3.4	172.2	80	199.4
44360	2.4	170.2	82	199.6
44370	2.4	168.2	84	199.4
44380	2.6	166.2	86	199.4
44390	2.7	164.2	88	199.1
44400	2.7	162.2	90	199.1
44410	3.0	160.2	92	198.8
44420	2.8	158.2	94	198.8
44430	2.6	156.2	96	198.6
44440	2.6	154.3	98	198.6
44450	2.6	152.3	100	198.6
44460	2.6	150.3	102	198.0
44470	3.0	148.3	104	198.0
44480	3.1	146.3	106	197.8
44490	3.0	144.3	108	197.8
44500	3.0	142.4	110	197.8
44510	2.8	140.4	112	197.5
44520	2.6	138.4	114	197.8
44530	2.8	136.4	116	197.8
44540	3.3	134.5	118	197.5
44550	3.4	132.5	120	197.5
44560	3.0	130.5	122	197.5
44570	2.6	128.5	124	197.2
44580	2.3	126.6	126	197.5
44590	2.2	124.6	128	197.0
44600	2.2	122.6	130	196.7
44610	2.0	120.7	132	196.4
44620	2.0	118.7	134	196.2
44630	1.9	116.7	136	195.6
44640	1.2	114.8	138	195.1
44650	-1.1	112.8	140	194.6
44660	-3.5	110.9	142	193.0
44670	-3.0	109.0	143	190.8
44680	0.0	107.1	145	189.2
44690	1.4	105.2	147	189.2
44700	0.3	103.3	149	188.4
44710	-1.8	101.4	151	187.4
44720	-3.0	99.6	153	185.8
44730	-2.7	97.7	155	183.9
44740	-1.8	95.9	157	182.6
44750	-1.8	94.1	158	181.0
44760	-2.7	92.3	160	179.9
44770	-3.8	90.5	162	177.8

44780	-4.3	88.7	164	175.7
44790	-5.0	87.0	165	173.3
44800	-6.2	85.3	167	171.1
44810	-3.4	83.7	169	143.7
44820	2.7	82.3	170	139.2
44830	11.5	81.0	171	107.8
44840	27.1	80.0	172	104.8
44850	31.2	79.0	173	99.5
44860	21.4	78.2	174	70.0
44870	6.1	77.5	175	66.2
44880	-0.5	76.9	176	55.9
44890	-5.4	76.4	176	47.6
44900	-17.8	76.0	176	43.3
44910	-22.1	75.7	177	32.7
44920	-21.3	75.4	177	29.2
44930	-17.8	75.2	177	21.0
44940	-14.8	75.0	177	14.9
44950	-16.8	74.8	178	13.3
44960	-21.2	74.8	178	6.9
44970	-25.0	74.7	178	0.5
44980	-28.7	74.8	178	-3.1
44990	-31.2	74.9	178	-11.9
45000	-31.3	75.0	177	-18.9
45010	-31.1	75.3	177	-25.0
45020	-32.1	75.6	177	-39.9
45030	-33.6	76.0	176	-44.7
45040	-35.5	76.6	176	-48.7
45050	-36.6	77.2	175	-70.8
45060	-35.3	77.9	175	-73.7
45070	-32.1	78.7	174	-74.8
45080	-29.0	79.6	173	-82.5
45090	-27.1	80.6	172	-109.4
45100	-27.4	81.7	171	-117.1
45110	-29.0	82.7	170	-113.9
45120	-31.2	83.9	169	-109.1
45130	-31.9	85.2	167	-116.8
45140	-30.6	86.6	166	-138.1
45150	-28.5	88.1	164	-146.6
45160	-26.0	89.6	163	-153.8
45170	-24.3	91.2	161	-161.0
45180	-23.1	92.8	160	-167.1
45190	-22.6	94.6	158	-173.0
45200	-23.6	96.3	156	-179.1
45210	-24.3	98.2	154	-185.2
45220	-23.6	100.1	152	-191.4
45230	-22.1	102.0	150	-197.8
45240	-20.1	104.0	148	-203.1
45250	-19.3	106.1	146	-207.9
45260	-19.4	108.2	144	-212.9
45270	-18.4	110.4	142	-217.5
45280	-16.5	112.6	140	-221.7
45290	-15.7	114.9	138	-225.7
45300	-16.0	117.1	135	-229.4
45310	-16.7	119.5	133	-233.2

45320	-16.7	121.8	131	-236.9
45330	-16.8	124.2	128	-240.6
45340	-17.0	126.7	126	-244.6
45350	-16.1	129.1	123	-248.6
45360	-14.4	131.6	121	-252.1
45370	-13.8	134.2	118	-255.3
45380	-12.7	136.8	116	-257.9
45390	-11.8	139.4	113	-260.0
45400	-12.2	142.0	110	-262.4
45410	-14.6	144.6	108	-265.1
45420	-15.6	147.3	105	-268.0
45430	-15.2	150.0	102	-271.2
45440	-14.6	152.7	100	-274.4
45450	-13.0	155.5	97	-277.1
45460	-10.6	158.3	94	-279.5
45470	-10.7	161.1	91	-281.6
45480	-12.6	163.9	89	-282.9
45490	-14.0	166.8	86	-286.1
45500	-13.8	169.6	83	-288.3
45510	-13.2	172.5	80	-290.9
45520	-11.9	175.5	77	-291.2
45530	-11.7	178.4	74	-291.7
45540	-12.3	181.3	71	-291.7
45550	-12.5	184.2	68	-291.2
45560	-12.5	187.1	65	-291.5
45570	-11.4	190.0	62	-291.5
45580	-9.5	193.0	59	-291.5
45590	-8.0	195.9	57	-290.9
45600	-9.2	198.8	54	-291.2
45610	-9.8	201.7	51	-291.2
45620	-10.6	204.6	48	-291.2
45630	-10.0	207.5	45	-291.5
45640	-6.9	210.4	42	-291.5
45650	-4.6	213.3	39	-290.7
45660	-4.3	216.2	36	-290.7
45670	-4.5	219.2	33	-290.7
45680	-4.3	222.1	30	-290.4
45690	-4.3	225.0	27	-290.7
45700	-3.7	227.9	25	-289.9
45710	-3.1	230.8	22	-290.1
45720	-2.8	233.7	19	-289.6
45730	-3.0	236.6	16	-289.1
45740	-2.7	239.4	13	-288.3
45750	-1.9	242.3	10	-287.7
45760	3.4	245.2	7	-286.4
45770	8.9	248.0	4	-282.9
45780	8.7	250.8	2	-279.5
45790	5.3	253.6	-1	-275.8
45800	1.6	256.3	-4	-273.1
45810	0.4	259.1	-7	-271.5
45820	1.8	261.6	-9	-241.7
45830	-3.8	264.0	-12	-221.4
45840	-37.7	265.8	-13	-156.5
45850	-75.5	267.3	-15	-140.0

45860	-84.3	268.5	-16	-111.0
45870	-67.9	269.4	-17	-93.9
45880	-38.5	270.1	-18	-64.6
45890	-6.6	270.6	-18	-47.6
45900	1.8	271.0	-19	-31.9
45910	9.6	271.3	-19	-26.8
45920	18.3	271.5	-19	-17.0
45930	17.5	271.7	-19	-13.3
45940	14.0	271.8	-19	-7.9
45950	11.5	271.8	-19	-5.3
45960	11.9	271.8	-19	-1.3
45970	16.4	271.8	-19	0.2
45980	22.2	271.8	-19	3.4
45990	22.4	271.7	-19	8.7
46000	17.2	271.6	-19	13.8
46010	10.6	271.4	-19	18.1
46020	8.0	271.2	-19	24.7
46030	11.0	270.9	-18	25.0
46040	17.1	270.7	-18	27.9
46050	22.6	270.4	-18	29.5
46060	23.9	270.0	-18	35.6
46070	21.3	269.6	-17	40.7
46080	16.8	269.0	-17	56.1

ISOK_EXERC_FLEX/EXT_300_R_SIDE

01/07

Set #3

TIME	TORQUE	POSITION	POS(ANAT)	VELOCITY
0	34.2	245.2	7	52.7
10	34.4	244.6	8	62.2
20	23.2	243.9	9	71.6
30	10.0	243.2	9	77.7
40	2.7	242.4	10	80.1
50	5.6	241.6	11	80.9
60	15.2	240.7	12	82.2
70	23.9	239.9	13	86.7
80	25.2	239.0	13	93.1
90	18.7	238.0	14	99.8
100	9.2	236.9	16	104.8
110	3.5	235.9	17	106.7
120	4.6	234.8	18	107.5
130	11.3	233.7	19	108.8
140	18.3	232.6	20	111.8
150	20.2	231.5	21	116.6
160	15.5	230.2	22	121.9
170	8.1	229.0	23	125.3
180	3.0	227.7	25	127.2
190	3.8	226.5	26	127.7
200	8.3	225.2	27	128.5
210	13.3	223.9	29	130.4
220	15.5	222.5	30	133.6
230	13.0	221.2	31	137.3
240	8.5	219.8	33	140.2
250	4.9	218.4	34	141.8
260	4.3	216.9	36	142.6
270	6.2	215.5	37	143.7
280	9.8	214.1	38	145.0
290	11.0	212.6	40	147.4
300	10.2	211.1	41	149.6
310	7.1	209.6	43	152.0
320	4.9	208.1	44	153.0
330	4.5	206.5	46	153.8
340	6.2	205.0	47	154.4
350	8.3	203.4	49	155.4
360	9.6	201.9	51	157.6
370	8.9	200.3	52	159.7
380	7.1	198.6	54	161.5
390	5.8	197.0	55	162.6
400	6.4	195.4	57	163.7
410	7.5	193.7	59	164.7
420	7.9	192.1	60	166.1
430	7.3	190.4	62	167.7
440	6.5	188.7	64	169.0
450	6.8	187.0	65	170.3
460	6.8	185.3	67	171.7
470	6.9	183.6	69	172.7
480	6.8	181.8	71	173.8

490	5.7	180.1	72	175.1
500	6.0	178.3	74	175.9
510	7.1	176.6	76	177.0
520	7.7	174.8	78	178.3
530	7.9	173.0	79	179.7
540	6.8	171.2	81	181.0
550	5.6	169.4	83	182.0
560	5.8	167.5	85	182.8
570	6.8	165.7	87	183.6
580	7.6	163.9	89	184.7
590	7.7	162.0	90	186.0
600	7.6	160.1	92	187.6
610	6.6	158.2	94	189.0
620	5.8	156.3	96	189.8
630	5.6	154.4	98	191.1
640	6.1	152.5	100	191.9
650	6.8	150.6	102	193.0
660	6.8	148.7	104	193.8
670	6.5	146.7	106	194.8
680	5.6	144.8	108	195.6
690	5.4	142.8	110	196.4
700	6.0	140.8	112	197.0
710	6.4	138.8	114	198.0
720	6.6	136.9	116	199.4
730	6.5	134.9	118	200.1
740	5.8	132.9	120	200.7
750	4.9	130.8	122	201.5
760	4.5	128.8	124	202.0
770	4.2	126.8	126	202.3
780	4.1	124.8	128	202.8
790	3.9	122.7	130	202.8
800	3.3	120.7	132	202.8
810	2.7	118.7	134	203.1
820	2.4	116.6	136	203.1
830	2.3	114.6	138	202.8
840	2.2	112.6	140	202.5
850	2.2	110.6	142	202.3
860	2.0	108.5	144	202.0
870	1.9	106.5	146	201.7
880	0.7	104.5	148	201.2
890	-4.9	102.5	150	199.6
900	-8.5	100.5	152	197.0
910	-7.2	98.6	154	193.2
920	-2.8	96.7	156	190.8
930	-0.7	94.8	158	189.2
940	-1.8	92.9	160	188.2
950	-4.7	91.0	161	186.0
960	-7.2	89.2	163	183.9
970	-8.1	87.4	165	181.0
980	-7.6	85.6	167	177.8
990	-3.7	83.9	169	185.8
1000	2.7	82.4	170	146.4
1010	16.4	81.1	171	113.4
1020	33.6	80.0	172	109.6

1030	34.7	79.0	173	103.5
1040	22.1	78.2	174	72.1
1050	5.2	77.4	175	67.6
1060	-0.7	76.9	176	56.9
1070	-7.6	76.3	176	48.1
1080	-17.9	75.9	177	39.6
1090	-20.5	75.6	177	33.2
1100	-18.6	75.3	177	30.3
1110	-15.2	75.1	177	22.8
1120	-13.0	74.9	178	16.7
1130	-15.1	74.7	178	16.2
1140	-18.4	74.6	178	10.3
1150	-21.2	74.5	178	5.0
1160	-24.0	74.5	178	-1.3
1170	-27.5	74.6	178	-5.0
1180	-30.4	74.7	178	-10.9
1190	-34.0	74.8	178	-19.9
1200	-37.6	75.1	177	-29.5
1210	-39.5	75.5	177	-43.9
1220	-39.7	76.0	176	-55.6
1230	-38.8	76.5	176	-61.2
1240	-36.7	77.2	175	-64.6
1250	-34.3	78.1	174	-89.7
1260	-32.3	78.9	174	-98.5
1270	-30.6	79.9	173	-109.4
1280	-30.2	80.9	172	-107.2
1290	-30.9	82.1	170	-103.8
1300	-31.7	83.3	169	-111.5
1310	-32.5	84.6	168	-118.7
1320	-33.0	86.0	166	-140.8
1330	-32.7	87.5	165	-149.6
1340	-32.4	89.1	163	-158.6
1350	-30.6	90.7	162	-167.4
1360	-28.3	92.4	160	-175.4
1370	-25.9	94.3	158	-182.6
1380	-25.2	96.1	156	-189.5
1390	-25.6	98.1	154	-195.9
1400	-25.6	100.1	152	-202.3
1410	-24.7	102.2	150	-208.9
1420	-22.5	104.3	148	-215.3
1430	-20.9	106.5	146	-220.9
1440	-20.1	108.7	144	-225.4
1450	-18.3	111.0	141	-230.5
1460	-16.7	113.4	139	-234.8
1470	-15.9	115.7	137	-238.2
1480	-15.2	118.2	134	-241.9
1490	-14.1	120.6	132	-244.9
1500	-14.1	123.1	129	-248.1
1510	-15.1	125.6	127	-251.0
1520	-15.1	128.1	124	-253.7
1530	-13.8	130.7	122	-256.9
1540	-12.3	133.3	119	-259.8
1550	-10.7	135.9	117	-262.2
1560	-8.8	138.5	114	-264.0

1570	-8.1	141.2	111	-265.1
1580	-9.6	143.8	109	-266.7
1590	-11.4	146.5	106	-268.3
1600	-11.7	149.2	103	-270.2
1610	-11.8	151.9	101	-272.3
1620	-9.9	154.7	98	-273.9
1630	-6.2	157.4	95	-275.5
1640	-4.2	160.2	92	-275.8
1650	-4.6	162.9	90	-275.8
1660	-5.6	165.7	87	-275.8
1670	-6.8	168.4	84	-276.3
1680	-6.8	171.2	81	-277.1
1690	-5.4	174.0	78	-277.4
1700	-4.1	176.8	76	-277.9
1710	-3.5	179.5	73	-277.9
1720	-3.4	182.3	70	-277.6
1730	-3.5	185.1	67	-277.4
1740	-4.2	187.9	65	-277.1
1750	-3.9	190.6	62	-276.6
1760	-3.3	193.4	59	-276.3
1770	-2.7	196.1	56	-276.0
1780	-2.6	198.9	54	-276.0
1790	-2.4	201.7	51	-275.2
1800	-0.3	204.4	48	-274.2
1810	7.1	207.1	45	-272.0
1820	11.3	209.8	43	-268.3
1830	8.9	212.5	40	-263.5
1840	2.7	215.1	37	-259.8
1850	-1.2	217.7	35	-258.5
1860	-1.4	220.3	32	-257.4
1870	2.0	222.8	30	-255.8
1880	7.2	225.4	27	-253.7
1890	10.8	227.9	25	-249.9
1900	11.0	230.3	22	-245.4
1910	7.6	232.8	20	-241.1
1920	4.7	235.1	17	-238.0
1930	3.9	237.5	15	-235.8
1940	5.7	239.8	13	-233.2
1950	8.8	242.2	10	-230.0
1960	10.7	244.4	8	-226.0
1970	10.2	246.7	6	-221.4
1980	8.4	248.8	4	-217.7
1990	5.7	251.0	1	-214.3
2000	5.2	253.1	-1	-211.9
2010	6.2	255.2	-3	-208.7
2020	8.0	257.3	-5	-206.0
2030	9.5	259.3	-7	-202.5
2040	10.2	261.2	-9	-178.6
2050	0.3	263.0	-11	-153.0
2060	-3.9	264.5	-12	-144.2
2070	-20.3	265.8	-13	-133.6
2080	-36.2	266.9	-14	-104.0
2090	-34.6	267.8	-15	-87.3
2100	-18.2	268.6	-16	-79.0

2110	-0.7	269.2	-17	-59.3
2120	1.2	269.7	-17	-53.2
2130	11.8	270.1	-18	-40.1
2140	28.3	270.4	-18	-33.2
2150	32.3	270.7	-18	-21.5
2160	26.0	270.8	-18	-13.8
2170	19.3	270.9	-18	-6.1
2180	13.3	270.9	-18	-1.5
2190	14.5	270.9	-18	0.5
2200	21.6	270.9	-18	3.7
2210	27.0	270.8	-18	10.1
2220	27.4	270.7	-18	18.1
2230	23.5	270.5	-18	23.4
2240	19.4	270.2	-18	26.8
2250	19.1	269.8	-17	38.8
2260	23.2	269.4	-17	44.7
2270	28.7	269.0	-17	51.1
2280	31.5	268.4	-16	60.6
2290	30.1	267.9	-15	63.3
2300	25.0	267.1	-15	78.5
2310	19.8	266.4	-14	77.7
2320	18.0	265.6	-13	74.8
2330	20.6	264.7	-12	78.8
2340	25.2	263.8	-11	102.7
2350	27.8	262.8	-10	109.9
2360	27.4	261.7	-9	117.9
2370	24.1	260.6	-8	125.9
2380	21.0	259.4	-7	120.8
2390	19.3	258.1	-6	126.4
2400	19.3	256.8	-4	131.5
2410	20.5	255.5	-3	137.1
2420	22.1	254.1	-2	142.6
2430	21.4	252.6	0	148.2
2440	20.3	251.1	1	153.8
2450	18.8	249.5	3	159.2
2460	17.6	247.9	5	163.9
2470	17.1	246.2	6	168.2
2480	17.9	244.5	8	172.7
2490	18.6	242.7	10	177.0
2500	18.2	240.9	12	182.0
2510	16.1	239.1	13	186.0
2520	14.0	237.2	15	190.3
2530	12.3	235.2	17	193.5
2540	12.2	233.3	19	196.2
2550	14.0	231.3	21	198.8
2560	15.3	229.3	23	202.0
2570	15.2	227.2	25	205.5
2580	13.7	225.2	27	208.7
2590	11.1	223.1	29	211.9
2600	8.5	220.9	32	214.0
2610	7.6	218.8	34	215.1
2620	7.6	216.6	36	216.4
2630	9.1	214.4	38	217.7
2640	10.6	212.2	40	219.3

2650	10.4	210.0	42	221.4
2660	8.8	207.8	45	223.3
2670	6.6	205.6	47	224.6
2680	5.2	203.3	49	225.7
2690	4.3	201.0	51	226.2
2700	3.7	198.8	54	226.8
2710	3.7	196.5	56	226.5
2720	4.3	194.3	58	226.5
2730	4.6	192.0	60	226.8
2740	4.1	189.7	63	226.8
2750	3.4	187.4	65	227.0
2760	2.8	185.2	67	227.3
2770	2.8	182.9	70	226.8
2780	2.7	180.6	72	226.5
2790	2.7	178.4	74	226.2
2800	2.7	176.1	76	226.0
2810	2.6	173.8	79	225.7
2820	2.4	171.6	81	225.7
2830	2.3	169.3	83	225.2
2840	2.3	167.1	85	224.6
2850	2.3	164.8	88	224.4
2860	2.0	162.6	90	223.8
2870	1.8	160.4	92	223.6
2880	-0.3	158.1	94	222.8
2890	-2.8	155.9	97	220.9
2900	-1.2	153.7	99	219.6
2910	2.0	151.5	101	218.3
2920	2.7	149.4	103	217.7
2930	2.2	147.2	105	217.5
2940	1.8	145.0	107	217.2
2950	0.8	142.8	110	216.4
2960	-1.2	140.7	112	215.3
2970	-3.0	138.5	114	214.0
2980	-2.2	136.4	116	211.9
2990	0.5	134.3	118	210.8
3000	1.8	132.2	120	210.0
3010	1.2	130.1	122	209.5
3020	-0.5	128.0	124	208.7
3030	-2.4	125.9	127	207.3
3040	-3.1	123.9	129	205.7
3050	-2.8	121.8	131	203.3
3060	-2.4	119.8	133	201.7
3070	-1.5	117.8	135	200.1
3080	-1.5	115.8	137	198.6
3090	-2.7	113.8	139	197.2
3100	-4.2	111.9	141	194.8
3110	-5.2	110.0	142	192.7
3120	-4.3	108.1	144	190.3
3130	-3.0	106.2	146	187.9
3140	-3.0	104.3	148	186.0
3150	-4.5	102.5	150	183.9
3160	-6.0	100.6	152	181.5
3170	-6.1	98.8	154	178.6
3180	-5.4	97.1	155	176.2

3190	-4.9	95.3	157	173.8
3200	-5.0	93.6	159	171.4
3210	-5.4	91.9	161	169.3
3220	-5.7	90.2	162	166.6
3230	-6.1	88.6	164	163.9
3240	-6.8	87.0	165	161.3
3250	-8.1	85.4	167	158.6
3260	-6.0	83.8	169	163.9
3270	2.7	82.6	170	131.5
3280	3.8	81.3	171	125.9
3290	13.2	80.3	172	100.8
3300	20.9	79.4	173	88.6
3310	14.2	78.6	174	68.9
3320	-0.4	77.9	175	66.2
3330	-2.4	77.3	175	57.2
3340	-16.1	76.8	176	47.9
3350	-28.3	76.4	176	38.6
3360	-29.8	76.1	176	30.3
3370	-26.2	75.8	177	24.2
3380	-20.5	75.7	177	15.1
3390	-18.4	75.6	177	8.5
3400	-23.6	75.5	177	3.9
3410	-30.6	75.5	177	-2.1
3420	-37.2	75.6	177	-7.7
3430	-41.6	75.7	177	-15.7
3440	-40.7	76.0	176	-26.0
3450	-36.9	76.4	176	-35.9
3460	-35.0	76.8	176	-45.7
3470	-36.6	77.4	175	-54.5
3480	-41.2	78.1	174	-77.4
3490	-44.5	78.9	174	-81.1
3500	-44.5	79.8	173	-84.1
3510	-39.9	80.9	172	-115.8
3520	-34.3	82.0	170	-127.2
3530	-31.3	83.2	169	-137.3
3540	-32.8	84.5	168	-146.4
3550	-37.0	85.9	167	-156.2
3560	-40.7	87.4	165	-152.0
3570	-40.8	89.0	163	-163.4
3580	-37.4	90.7	162	-174.6
3590	-33.1	92.6	160	-184.2
3600	-30.4	94.5	158	-193.2
3610	-30.9	96.5	156	-201.2
3620	-31.7	98.5	154	-209.5
3630	-31.1	100.7	152	-217.7
3640	-28.2	102.9	150	-225.7
3650	-25.0	105.2	147	-232.6
3660	-23.9	107.6	145	-238.8
3670	-23.6	110.1	142	-244.6
3680	-22.8	112.5	140	-250.5
3690	-21.2	115.1	137	-256.1
3700	-17.8	117.7	135	-261.1
3710	-13.8	120.3	132	-264.8
3720	-11.7	123.0	129	-267.5

3730	-13.0	125.7	127	-269.9
3740	-15.3	128.4	124	-272.6
3750	-16.4	131.2	121	-275.5
3760	-16.4	133.9	119	-279.2
3770	-14.4	136.8	116	-282.1
3780	-11.0	139.6	113	-285.1
3790	-9.4	142.5	110	-286.9
3800	-10.8	145.3	107	-288.5
3810	-11.9	148.2	104	-290.4
3820	-14.5	151.2	101	-291.2
3830	-16.7	154.1	98	-290.9
3840	-16.5	157.0	95	-291.5
3850	-14.6	159.9	93	-291.2
3860	-13.7	162.8	90	-290.9
3870	-11.9	165.7	87	-291.2
3880	-11.0	168.6	84	-290.9
3890	-9.9	171.5	81	-291.2
3900	-8.3	174.4	78	-290.7
3910	-6.6	177.3	75	-290.7
3920	-5.4	180.3	72	-290.4
3930	-4.3	183.2	69	-290.1
3940	-3.5	186.1	66	-289.9
3950	-3.3	189.0	63	-289.9
3960	-3.1	191.8	61	-289.1
3970	-3.1	194.7	58	-288.5
3980	-3.3	197.6	55	-288.5
3990	-3.1	200.5	52	-288.0
4000	-3.1	203.4	49	-287.7
4010	-2.8	206.3	46	-287.2
4020	-2.7	209.1	43	-286.7
4030	-2.3	212.0	40	-285.9
4040	1.4	214.8	38	-285.1
4050	10.6	217.7	35	-281.9
4060	14.2	220.5	32	-277.4
4070	11.4	223.2	29	-271.8
4080	5.6	225.9	27	-267.2
4090	1.6	228.5	24	-264.8
4100	1.8	231.2	21	-263.0
4110	4.5	233.8	19	-260.8
4120	8.7	236.4	16	-257.7
4130	11.5	238.9	14	-253.7
4140	11.5	241.4	11	-248.6
4150	10.0	243.9	9	-244.1
4160	8.7	246.3	6	-240.1
4170	9.8	248.6	4	-236.6
4180	11.9	251.0	1	-232.1
4190	16.3	253.3	-1	-226.8
4200	19.8	255.5	-3	-220.4
4210	21.4	257.6	-5	-213.5
4220	20.6	259.7	-7	-205.7
4230	17.4	261.7	-9	-215.3
4240	3.3	263.3	-11	-165.8
4250	-3.5	264.8	-12	-140.5
4260	-12.6	266.0	-14	-105.9

4270	-24.8	267.1	-15	-100.3
4280	-19.5	268.0	-16	-83.8
4290	-2.7	268.7	-16	-75.6
4300	1.1	269.3	-17	-56.7
4310	14.4	269.8	-17	-50.8
4320	35.0	270.2	-18	-35.4
4330	40.1	270.4	-18	-21.8
4340	33.8	270.6	-18	-13.8
4350	23.5	270.7	-18	-5.3
4360	15.1	270.7	-18	-0.2
4370	16.4	270.7	-18	0.5
4380	24.5	270.6	-18	6.1
4390	32.3	270.5	-18	12.2
4400	33.6	270.4	-18	22.0
4410	28.2	270.1	-18	29.0
4420	21.0	269.8	-17	32.7
4430	17.6	269.3	-17	46.5
4440	20.3	268.9	-16	47.1
4450	27.1	268.4	-16	52.9
4460	33.0	267.8	-15	54.0
4470	33.4	267.1	-15	76.4
4480	28.5	266.4	-14	78.0
4490	22.2	265.5	-13	76.9
4500	19.1	264.6	-12	100.0
4510	20.2	263.7	-11	95.8
4520	24.0	262.7	-10	91.0
4530	27.7	261.6	-9	97.1
4540	27.4	260.5	-8	103.5
4550	24.3	259.2	-7	122.1
4560	20.3	258.0	-6	128.5
4570	17.8	256.7	-4	133.9
4580	18.4	255.3	-3	138.7
4590	20.7	253.9	-1	143.4
4600	23.3	252.4	0	149.0
4610	23.7	250.8	2	155.2
4620	21.8	249.2	3	161.5
4630	18.0	247.6	5	166.9
4640	14.6	245.9	7	171.4
4650	13.6	244.1	8	174.9
4660	14.9	242.4	10	178.3
4670	17.8	240.5	12	182.0
4680	19.3	238.7	14	186.3
4690	18.3	236.8	16	191.4
4700	15.2	234.8	18	195.6
4710	11.9	232.9	20	199.1
4720	11.3	230.9	22	201.7
4730	12.1	228.8	24	204.1
4740	13.7	226.8	26	206.8
4750	14.5	224.7	28	209.7
4760	13.7	222.5	30	213.2
4770	11.4	220.4	32	216.1
4780	9.4	218.2	34	218.3
4790	8.3	216.0	36	219.9
4800	9.1	213.8	39	221.4

4810	10.0	211.6	41	223.0
4820	11.1	209.3	43	225.2
4830	11.9	207.1	45	227.3
4840	12.1	204.8	48	229.7
4850	11.3	202.4	50	231.8
4860	9.2	200.1	52	234.2
4870	6.6	197.8	55	235.8
4880	5.6	195.4	57	236.4
4890	5.7	193.0	59	237.2
4900	6.0	190.6	62	238.0
4910	6.6	188.3	64	238.5
4920	7.3	185.9	67	239.0
4930	7.9	183.5	69	240.3
4940	7.1	181.1	71	241.1
4950	5.7	178.6	74	241.9
4960	4.6	176.2	76	242.2
4970	3.8	173.8	79	242.5
4980	3.5	171.4	81	242.2
4990	3.5	168.9	84	242.5
5000	4.2	166.5	86	242.5
5010	4.7	164.1	88	242.2
5020	4.6	161.7	91	242.5
5030	4.2	159.2	93	242.7
5040	3.3	156.8	96	243.0
5050	2.8	154.4	98	242.7
5060	2.8	152.0	100	242.5
5070	2.8	149.5	103	242.2
5080	2.8	147.1	105	241.7
5090	2.7	144.7	108	241.7
5100	2.7	142.3	110	241.4
5110	2.6	139.9	113	240.9
5120	2.4	137.5	115	240.6
5130	2.4	135.1	117	240.1
5140	2.4	132.7	120	239.8
5150	2.2	130.3	122	239.3
5160	1.5	127.9	125	238.8
5170	-2.8	125.5	127	237.4
5180	-7.5	123.2	129	235.3
5190	-8.7	120.8	132	231.3
5200	-6.2	118.5	134	228.4
5210	-2.7	116.3	136	226.0
5220	-2.0	114.0	138	224.1
5230	-4.9	111.8	141	222.2
5240	-8.8	109.6	143	219.6
5250	-10.4	107.4	145	215.9
5260	-9.8	105.3	147	211.6
5270	-8.4	103.2	149	207.6
5280	-6.8	101.2	151	204.1
5290	-6.6	99.1	153	201.2
5300	-7.2	97.2	155	198.0
5310	-9.2	95.2	157	195.1
5320	-11.3	93.3	159	191.4
5330	-11.4	91.4	161	187.1
5340	-10.0	89.6	163	182.6

5350	-8.5	87.8	165	178.9
5360	-7.9	86.0	166	175.7
5370	-8.5	84.3	168	187.1
5380	-0.9	82.8	170	148.8
5390	2.8	81.4	171	128.0
5400	8.5	80.3	172	111.2
5410	16.8	79.3	173	96.1
5420	11.0	78.4	174	90.5
5430	-0.3	77.7	175	70.2
5440	-1.4	77.1	175	59.6
5450	-13.3	76.6	176	50.0
5460	-26.7	76.2	176	40.1
5470	-30.1	75.8	177	28.4
5480	-27.0	75.6	177	23.4
5490	-21.2	75.4	177	15.1
5500	-18.8	75.2	177	11.9
5510	-22.9	75.2	177	5.3
5520	-30.1	75.2	177	-1.3
5530	-35.3	75.2	177	-6.6
5540	-37.4	75.4	177	-17.5
5550	-35.7	75.6	177	-28.7
5560	-33.0	75.9	177	-39.6
5570	-32.5	76.4	176	-49.7
5580	-34.3	76.9	176	-54.5
5590	-36.6	77.5	175	-57.5
5600	-37.6	78.2	174	-80.9
5610	-35.0	79.0	173	-91.8
5620	-30.1	79.9	173	-92.9
5630	-26.0	80.9	172	-90.5
5640	-25.1	82.0	170	-98.5
5650	-26.4	83.1	169	-103.0
5660	-29.6	84.3	168	-133.3
5670	-30.9	85.6	167	-142.1
5680	-30.1	87.0	165	-137.1
5690	-27.7	88.4	164	-145.6
5700	-24.8	89.9	163	-152.8
5710	-23.1	91.5	161	-159.4
5720	-21.3	93.1	159	-165.3
5730	-20.6	94.8	158	-170.9
5740	-20.6	96.6	156	-176.5
5750	-20.2	98.4	154	-181.5
5760	-19.1	100.2	152	-186.6
5770	-18.3	102.1	150	-191.4
5780	-17.6	104.1	148	-195.9
5790	-17.6	106.1	146	-200.1
5800	-18.2	108.1	144	-204.7
5810	-16.8	110.2	142	-208.9
5820	-14.5	112.3	140	-212.7
5830	-12.5	114.5	138	-215.9
5840	-11.8	116.6	136	-218.5
5850	-12.2	118.8	134	-221.2
5860	-12.5	121.1	131	-223.8
5870	-13.0	123.3	129	-226.5
5880	-14.0	125.6	127	-229.4

5890	-13.7	127.9	125	-232.1
5900	-12.1	130.3	122	-234.8
5910	-10.7	132.6	120	-237.2
5920	-10.2	135.0	117	-239.3
5930	-9.5	137.4	115	-241.1
5940	-8.8	139.9	113	-242.7
5950	-9.2	142.3	110	-244.3
5960	-11.0	144.8	108	-246.2
5970	-10.4	147.2	105	-248.3
5980	-9.1	149.7	103	-250.2
5990	-8.7	152.2	100	-251.8
6000	-7.9	154.8	98	-252.9
6010	-5.6	157.3	95	-254.2
6020	-4.9	159.9	93	-254.2
6030	-6.8	162.4	90	-254.7
6040	-8.3	165.0	87	-255.5
6050	-7.7	167.5	85	-256.6
6060	-6.8	170.1	82	-257.4
6070	-5.6	172.7	80	-257.9
6080	-4.2	175.3	77	-258.5
6090	-4.1	177.8	75	-258.2
6100	-4.9	180.4	72	-258.2
6110	-6.0	183.0	69	-258.5
6120	-6.8	185.6	67	-259.0
6130	-6.8	188.2	64	-259.5
6140	-4.3	190.8	62	-260.0
6150	-2.8	193.4	59	-259.8
6160	-2.6	196.0	56	-259.3
6170	-2.7	198.6	54	-259.3
6180	-2.6	201.2	51	-258.7
6190	-2.7	203.8	49	-258.2
6200	-2.6	206.3	46	-257.7
6210	-2.4	208.9	44	-257.4
6220	-0.8	211.5	41	-256.6
6230	0.9	214.0	38	-255.3
6240	1.8	216.6	36	-253.7
6250	1.5	219.1	33	-252.1
6260	1.4	221.6	31	-250.2
6270	1.9	224.1	28	-248.9
6280	3.5	226.6	26	-246.7
6290	5.7	229.0	23	-244.3
6300	7.3	231.4	21	-241.1
6310	8.1	233.8	19	-237.7
6320	7.6	236.2	16	-234.2
6330	6.6	238.5	14	-230.8
6340	6.4	240.8	12	-227.6
6350	8.1	243.0	9	-224.9
6360	11.1	245.3	7	-220.6
6370	13.7	247.4	5	-215.9
6380	14.9	249.5	3	-210.8
6390	14.6	251.6	1	-205.5
6400	13.8	253.6	-1	-200.4
6410	12.7	255.6	-3	-195.1
6420	12.5	257.5	-5	-190.6

6430	13.2	259.4	-7	-185.8
6440	14.4	261.1	-9	-162.9
6450	7.1	262.7	-10	-140.2
6460	-2.6	264.1	-12	-134.9
6470	-3.9	265.4	-13	-126.4
6480	-15.2	266.4	-14	-99.0
6490	-20.5	267.3	-15	-85.1
6500	-12.2	268.1	-16	-79.0
6510	0.7	268.7	-16	-60.4
6520	0.8	269.2	-17	-45.7
6530	13.6	269.6	-17	-42.5
6540	30.9	270.0	-18	-29.5
6550	34.4	270.2	-18	-23.4
6560	28.6	270.4	-18	-12.7
6570	19.4	270.5	-18	-7.4
6580	13.4	270.5	-18	-3.1
6590	14.9	270.5	-18	0.5
6600	23.5	270.5	-18	1.3
6610	30.4	270.5	-18	9.5
6620	30.9	270.3	-18	15.9
6630	25.2	270.1	-18	27.1
6640	19.1	269.8	-17	31.1
6650	16.3	269.5	-17	32.7
6660	19.5	269.1	-17	40.9
6670	26.7	268.6	-16	51.3
6680	32.3	268.1	-16	58.3
6690	32.4	267.5	-15	62.2
6700	27.7	266.8	-14	63.8
6710	21.7	266.0	-14	86.5
6720	19.5	265.2	-13	84.1
6730	21.3	264.3	-12	80.6
6740	25.4	263.4	-11	85.7
6750	28.3	262.4	-10	91.8
6760	27.9	261.3	-9	98.5
6770	24.4	260.1	-8	116.8
6780	20.5	258.9	-6	123.2
6790	18.3	257.6	-5	128.8
6800	19.1	256.3	-4	133.9
6810	21.6	254.9	-2	139.2
6820	23.1	253.5	-1	144.8
6830	22.8	252.0	0	150.9
6840	21.4	250.4	2	156.8
6850	19.4	248.8	4	162.3
6860	17.6	247.2	5	167.1
6870	17.2	245.5	7	171.7
6880	17.5	243.7	9	175.9
6890	18.0	241.9	11	180.2
6900	18.7	240.1	12	184.4
6910	17.8	238.2	14	189.2
6920	16.1	236.3	16	193.8
6930	14.5	234.3	18	197.2
6940	13.8	232.3	20	200.9
6950	14.2	230.3	22	204.1
6960	14.4	228.2	24	207.1

6970	14.2	226.1	26	210.3
6980	13.8	224.0	28	213.7
6990	12.5	221.8	31	216.9
7000	11.0	219.6	33	219.9
7010	9.8	217.4	35	221.7
7020	9.8	215.2	37	223.8
7030	11.5	212.9	40	225.7
7040	12.3	210.7	42	228.4
7050	12.5	208.4	44	230.8
7060	11.5	206.0	46	233.2
7070	10.6	203.7	49	235.6
7080	9.5	201.3	51	237.4
7090	7.5	198.9	54	239.0
7100	5.8	196.5	56	239.8
7110	5.7	194.1	58	240.6
7120	6.1	191.7	61	240.9
7130	6.4	189.3	63	241.9
7140	6.4	186.9	66	242.7
7150	6.5	184.4	68	243.3
7160	6.6	182.0	70	244.1
7170	4.9	179.6	73	244.9
7180	3.8	177.1	75	245.1
7190	3.4	174.7	78	245.1
7200	3.4	172.2	80	244.9
7210	3.4	169.8	83	244.9
7220	3.8	167.3	85	244.9
7230	4.2	164.9	88	244.6
7240	3.9	162.4	90	244.9
7250	3.7	160.0	92	244.9
7260	3.3	157.5	95	244.6
7270	3.0	155.1	97	244.6
7280	2.8	152.6	100	244.3
7290	2.8	150.2	102	243.8
7300	2.7	147.8	105	243.5
7310	2.6	145.3	107	243.0
7320	2.6	142.9	110	242.7
7330	2.4	140.5	112	242.2
7340	2.3	138.0	114	241.9
7350	2.2	135.6	117	241.4
7360	1.5	133.2	119	240.9
7370	-2.2	130.8	122	239.8
7380	-5.6	128.4	124	237.7
7390	-5.4	126.1	126	234.8
7400	-2.0	123.7	129	232.4
7410	-1.2	121.4	131	230.8
7420	-2.0	119.1	133	229.2
7430	-3.8	116.9	136	227.6
7440	-5.0	114.6	138	225.2
7450	-6.1	112.4	140	222.5
7460	-7.1	110.2	142	219.6
7470	-6.8	108.0	144	216.4
7480	-6.2	105.8	147	213.5
7490	-7.2	103.7	149	210.3
7500	-9.1	101.7	151	206.8

7510	-10.4	99.6	153	202.8
7520	-11.0	97.6	155	198.6
7530	-11.3	95.7	157	194.6
7540	-11.5	93.7	159	190.0
7550	-11.7	91.9	161	185.8
7560	-11.1	90.1	162	181.2
7570	-10.3	88.3	164	177.0
7580	-9.9	86.5	166	173.3
7590	-9.9	84.9	168	152.5
7600	-3.7	83.3	169	137.1
7610	2.6	82.0	170	133.1
7620	10.3	80.7	172	126.4
7630	20.9	79.7	173	99.8
7640	19.1	78.8	174	86.2
7650	6.8	78.1	174	73.7
7660	-0.5	77.4	175	56.1
7670	-8.4	76.8	176	53.5
7680	-23.6	76.4	176	43.9
7690	-29.2	76.0	176	38.8
7700	-28.3	75.7	177	27.4
7710	-23.5	75.5	177	22.3
7720	-20.2	75.3	177	14.3
7730	-22.4	75.2	177	7.7
7740	-27.9	75.2	177	1.5
7750	-33.2	75.2	177	-3.4
7760	-37.2	75.3	177	-10.9
7770	-38.4	75.5	177	-21.0
7780	-37.2	75.8	177	-28.2
7790	-34.6	76.2	176	-37.5
7800	-32.8	76.7	176	-46.3
7810	-32.7	77.2	175	-54.5
7820	-33.4	77.9	175	-62.5
7830	-33.2	78.7	174	-86.2
7840	-31.5	79.5	173	-87.3
7850	-28.5	80.4	172	-85.9
7860	-26.2	81.5	171	-92.6
7870	-25.6	82.5	170	-98.7
7880	-27.7	83.7	169	-106.7
7890	-30.8	84.9	168	-111.5
7900	-32.4	86.3	166	-132.3
7910	-31.7	87.7	165	-141.0
7920	-28.1	89.1	163	-149.6
7930	-25.1	90.7	162	-157.3
7940	-22.6	92.3	160	-163.4
7950	-22.0	94.0	158	-169.5
7960	-23.5	95.7	157	-174.9
7970	-24.8	97.5	155	-181.0
7980	-24.1	99.4	153	-187.6
7990	-22.1	101.3	151	-193.5
8000	-20.1	103.3	149	-199.1
8010	-19.8	105.3	147	-204.1
8020	-20.9	107.4	145	-209.2
8030	-20.5	109.5	143	-214.3
8040	-17.9	111.7	141	-219.1

8050	-15.1	113.9	139	-223.0
8060	-13.3	116.2	136	-226.5
8070	-12.7	118.5	134	-229.4
8080	-13.0	120.8	132	-232.1
8090	-14.2	123.1	129	-234.8
8100	-15.6	125.5	127	-237.7
8110	-15.6	127.9	125	-241.1
8120	-13.7	130.3	122	-244.1
8130	-11.5	132.8	120	-246.7
8140	-10.4	135.3	117	-249.1
8150	-9.5	137.8	115	-250.7
8160	-9.2	140.3	112	-252.6
8170	-10.6	142.8	110	-254.2
8180	-12.3	145.4	107	-256.3
8190	-11.8	148.0	104	-259.0
8200	-11.3	150.6	102	-261.1
8210	-10.8	153.2	99	-263.2
8220	-9.4	155.9	97	-265.4
8230	-7.5	158.5	94	-267.0
8240	-7.9	161.2	91	-267.8
8250	-8.8	163.9	89	-268.8
8260	-9.5	166.6	86	-270.7
8270	-9.2	169.3	83	-271.8
8280	-8.7	172.0	80	-273.6
8290	-7.5	174.8	78	-274.7
8300	-6.5	177.5	75	-275.8
8310	-6.6	180.3	72	-276.3
8320	-7.5	183.1	69	-276.8
8330	-8.1	185.8	67	-277.6
8340	-8.3	188.6	64	-278.7
8350	-6.5	191.4	61	-279.5
8360	-4.2	194.2	58	-280.0
8370	-3.7	197.0	55	-279.8
8380	-3.7	199.8	53	-279.2
8390	-3.8	202.6	50	-279.0
8400	-4.1	205.4	47	-279.0
8410	-3.8	208.2	44	-279.0
8420	-3.0	211.0	41	-278.4
8430	-3.0	213.7	39	-278.2
8440	-2.7	216.5	36	-277.4
8450	-2.7	219.3	33	-277.4
8460	-2.3	222.1	30	-276.8
8470	0.8	224.8	28	-275.8
8480	7.2	227.6	25	-273.4
8490	10.3	230.3	22	-269.6
8500	9.1	232.9	20	-265.4
8510	6.2	235.6	17	-261.6
8520	4.3	238.2	14	-259.0
8530	4.6	240.7	12	-256.1
8540	7.3	243.3	9	-253.7
8550	10.0	245.8	7	-249.9
8560	11.4	248.2	4	-245.4
8570	10.8	250.7	2	-241.1
8580	10.8	253.0	-1	-236.4

8590	12.1	255.4	-3	-231.8
8600	14.1	257.7	-5	-227.0
8610	16.4	259.9	-7	-221.2
8620	16.1	261.9	-9	-188.4
8630	0.1	263.7	-11	-174.6
8640	-5.2	265.3	-13	-158.9
8650	-21.7	266.5	-14	-120.5
8660	-34.8	267.6	-15	-100.8
8670	-29.2	268.5	-16	-82.7
8680	-11.3	269.2	-17	-60.1
8690	1.5	269.7	-17	-53.2
8700	1.4	270.2	-18	-39.1
8710	14.1	270.6	-18	-34.6
8720	27.3	270.8	-18	-22.8
8730	28.6	271.0	-19	-17.3
8740	23.9	271.2	-19	-8.2
8750	18.8	271.2	-19	-3.1
8760	17.2	271.2	-19	0.7
8770	20.7	271.2	-19	2.9
8780	24.5	271.1	-19	8.2
8790	25.8	271.0	-19	14.1
8800	23.9	270.8	-18	20.4
8810	20.9	270.5	-18	31.9
8820	20.2	270.1	-18	37.8
8830	22.5	269.7	-17	44.7
8840	26.7	269.3	-17	51.1
8850	29.8	268.8	-16	59.6
8860	30.0	268.2	-16	62.0
8870	28.1	267.5	-15	62.8
8880	25.0	266.7	-14	85.4
8890	22.5	265.9	-13	84.3
8900	22.8	265.0	-13	81.1
8910	25.0	264.0	-12	105.6
8920	26.2	263.0	-11	113.1
8930	26.3	262.0	-10	109.4
8940	24.5	260.9	-8	104.8
8950	22.0	259.6	-7	122.7
8960	20.6	258.3	-6	128.5
8970	19.9	257.0	-5	133.9
8980	20.6	255.6	-3	139.5
8990	21.6	254.2	-2	145.0
9000	21.6	252.7	0	150.4
9010	20.6	251.1	1	156.2
9020	19.3	249.5	3	161.8
9030	17.4	247.9	5	166.1
9040	16.1	246.2	6	170.6
9050	16.0	244.4	8	174.6
9060	16.4	242.7	10	178.3
9070	16.8	240.8	12	182.8
9080	16.0	239.0	13	186.6
9090	14.4	237.1	15	190.6
9100	12.7	235.2	17	193.8
9110	12.1	233.2	19	196.7
9120	12.9	231.2	21	199.4

9130	14.1	229.2	23	202.3
9140	14.5	227.1	25	205.5
9150	13.6	225.1	27	208.9
9160	11.9	223.0	29	211.6
9170	10.2	220.8	32	214.0
9180	9.6	218.7	34	215.9
9190	9.6	216.5	36	217.5
9200	10.0	214.3	38	219.3
9210	10.0	212.1	40	221.2
9220	8.8	209.9	43	223.0
9230	7.7	207.6	45	224.6
9240	7.3	205.4	47	226.0
9250	8.4	203.1	49	227.0
9260	9.5	200.8	52	228.9
9270	9.2	198.5	54	230.2
9280	8.1	196.2	56	231.8
9290	7.2	193.9	59	233.2
9300	6.6	191.5	61	234.0
9310	5.7	189.2	63	235.0
9320	5.6	186.8	66	235.6
9330	5.3	184.5	68	235.8
9340	5.3	182.1	70	236.4
9350	3.9	179.8	73	236.9
9360	3.8	177.4	75	236.9
9370	4.6	175.0	77	236.6
9380	5.8	172.6	80	237.2
9390	5.3	170.3	82	237.7
9400	4.1	167.9	85	238.2
9410	3.1	165.5	87	238.0
9420	2.6	163.1	89	238.0
9430	2.4	160.7	92	237.7
9440	2.4	158.4	94	237.4
9450	2.4	156.0	96	237.2
9460	2.4	153.6	99	236.4
9470	2.4	151.3	101	235.8
9480	2.3	148.9	104	235.6
9490	1.9	146.6	106	235.0
9500	1.2	144.2	108	234.2
9510	0.4	141.9	111	233.4
9520	0.0	139.6	113	232.4
9530	0.4	137.2	115	231.3
9540	1.6	134.9	118	230.5
9550	2.0	132.6	120	229.7
9560	1.6	130.3	122	229.4
9570	-0.1	128.0	124	228.6
9580	-1.8	125.8	127	227.3
9590	-2.4	123.5	129	225.7
9600	-2.8	121.3	131	223.8
9610	-2.6	119.0	133	221.7
9620	-1.8	116.8	136	220.1
9630	-1.8	114.6	138	218.5
9640	-3.7	112.5	140	216.9
9650	-6.8	110.3	142	214.5
9660	-8.1	108.2	144	211.3

9670	-7.3	106.1	146	208.1
9680	-6.2	104.0	148	204.7
9690	-6.6	102.0	150	201.7
9700	-7.5	100.0	152	198.6
9710	-8.8	98.1	154	195.1
9720	-11.0	96.1	156	191.4
9730	-12.9	94.3	158	187.1
9740	-14.6	92.4	160	182.3
9750	-15.1	90.6	162	176.7
9760	-15.1	88.9	164	171.4
9770	-15.2	87.2	165	166.3
9780	-16.3	85.6	167	161.0
9790	-15.5	84.1	168	152.2
9800	-8.4	82.8	170	119.5
9810	0.7	81.6	171	117.1
9820	1.4	80.5	172	92.3
9830	-0.9	79.6	173	89.4
9840	-9.1	78.8	174	76.9
9850	-18.7	78.1	174	65.7
9860	-24.3	77.5	175	51.1
9870	-25.8	77.0	175	48.1
9880	-24.5	76.6	176	36.4
9890	-22.2	76.2	176	37.2
9900	-21.2	75.9	177	27.6
9910	-23.3	75.7	177	23.9
9920	-26.7	75.5	177	14.9
9930	-29.4	75.4	177	7.7
9940	-30.2	75.4	177	-1.3
9950	-31.6	75.5	177	-5.5
9960	-31.6	75.6	177	-13.5
9970	-31.1	75.8	177	-24.7
9980	-30.6	76.1	176	-34.0
9990	-30.9	76.4	176	-43.3
10000	-31.6	76.9	176	-48.1
10010	-31.9	77.4	175	-51.1
10020	-31.5	78.1	174	-71.8
10030	-30.1	78.8	174	-73.4
10040	-28.9	79.6	173	-73.7
10050	-28.1	80.4	172	-81.7
10060	-28.1	81.4	171	-88.6
10070	-28.5	82.4	170	-93.9
10080	-28.9	83.5	169	-102.2
10090	-29.4	84.7	168	-107.5
10100	-29.2	86.0	166	-127.5
10110	-29.0	87.3	165	-135.2
10120	-28.7	88.8	164	-143.4
10130	-29.0	90.2	162	-151.2
10140	-28.7	91.8	161	-158.9
10150	-28.3	93.5	159	-166.9
10160	-28.3	95.2	157	-174.1
10170	-28.2	97.0	155	-181.8
10180	-27.7	98.9	154	-189.5
10190	-26.0	100.8	152	-196.7
10200	-23.9	102.8	150	-203.1

10210	-22.2	104.9	148	-209.5
10220	-22.1	107.0	145	-214.8
10230	-22.2	109.2	143	-220.1
10240	-21.6	111.5	141	-225.2
10250	-20.7	113.8	139	-230.8
10260	-19.8	116.1	136	-235.8
10270	-18.0	118.5	134	-240.1
10280	-16.0	120.9	132	-244.3
10290	-14.6	123.4	129	-247.5
10300	-15.1	125.9	127	-250.7
10310	-15.5	128.4	124	-253.9
10320	-14.8	131.0	121	-256.9
10330	-14.2	133.6	119	-260.0
10340	-13.3	136.2	116	-262.7
10350	-11.8	138.9	114	-265.1
10360	-11.0	141.5	111	-267.2
10370	-11.9	144.2	108	-269.4
10380	-12.3	146.9	106	-271.5
10390	-11.1	149.7	103	-273.6
10400	-10.2	152.4	100	-275.5
10410	-8.4	155.2	97	-277.1
10420	-5.0	158.0	94	-278.2
10430	-4.6	160.7	92	-278.2
10440	-6.0	163.5	89	-278.2
10450	-7.3	166.3	86	-278.7
10460	-7.7	169.1	83	-279.5
10470	-6.8	171.9	81	-280.5
10480	-4.9	174.7	78	-280.8
10490	-3.4	177.5	75	-281.3
10500	-3.1	180.3	72	-281.1
10510	-3.1	183.1	69	-280.3
10520	-3.1	185.9	67	-280.0
10530	-3.1	188.7	64	-279.5
10540	-2.8	191.5	61	-279.0
10550	-2.8	194.3	58	-278.4
10560	-2.6	197.1	55	-278.2
10570	-2.6	199.9	53	-277.6
10580	-1.8	202.6	50	-276.8
10590	3.1	205.4	47	-275.2
10600	7.2	208.1	44	-272.8
10610	6.5	210.8	42	-269.1
10620	2.3	213.5	39	-266.4
10630	-1.5	216.2	36	-265.1
10640	-2.2	218.8	34	-263.8
10650	-0.5	221.4	31	-263.5
10660	2.4	224.1	28	-262.2
10670	5.2	226.7	26	-259.8
10680	6.2	229.2	23	-256.9
10690	5.7	231.8	21	-253.7
10700	3.8	234.3	18	-251.0
10710	3.4	236.8	16	-248.6
10720	4.7	239.3	13	-246.7
10730	6.9	241.7	11	-243.3
10740	8.8	244.1	8	-239.8

10750	9.1	246.5	6	-236.4
10760	8.4	248.8	4	-232.4
10770	6.6	251.1	1	-228.9
10780	6.8	253.4	-1	-225.7
10790	7.7	255.6	-3	-222.2
10800	8.7	257.8	-5	-218.5
10810	9.4	260.0	-8	-214.8
10820	6.8	262.0	-10	-182.8
10830	-3.4	263.8	-11	-170.9
10840	-21.6	265.2	-13	-127.7
10850	-45.7	266.5	-14	-119.8
10860	-50.9	267.5	-15	-100.3
10870	-40.0	268.4	-16	-82.5
10880	-19.4	269.1	-17	-59.9
10890	-1.4	269.7	-17	-53.2
10900	0.0	270.1	-18	-39.1
10910	0.7	270.5	-18	-36.2
10920	8.4	270.8	-18	-26.0
10930	15.6	271.1	-19	-22.8
10940	17.9	271.3	-19	-15.7
10950	18.7	271.4	-19	-12.2
10960	18.8	271.5	-19	-5.8
10970	17.2	271.5	-19	-1.3
10980	17.2	271.5	-19	0.7
10990	17.6	271.5	-19	5.5
11000	17.0	271.4	-19	10.1
11010	17.0	271.3	-19	15.1
11020	17.6	271.1	-19	20.4
11030	19.5	270.9	-18	23.1
11040	21.4	270.6	-18	25.8
11050	22.4	270.3	-18	38.0
11060	23.2	269.9	-17	44.7
11070	23.9	269.4	-17	46.8
11080	24.5	268.9	-16	48.1
11090	25.2	268.3	-16	66.0
11100	25.0	267.7	-15	66.5
11110	24.3	267.0	-15	66.2
11120	22.9	266.1	-14	88.1
11130	22.2	265.3	-13	94.7
11140	22.1	264.4	-12	101.1
11150	22.1	263.5	-11	87.8
11160	22.2	262.4	-10	113.6
11170	22.4	261.3	-9	120.0
11180	22.1	260.2	-8	126.4
11190	21.6	259.0	-7	120.5
11200	20.9	257.7	-5	126.7
11210	20.1	256.4	-4	132.3
11220	19.5	255.1	-3	137.6
11230	19.8	253.7	-1	142.6
11240	19.0	252.2	0	147.7
11250	18.7	250.7	2	152.8
11260	18.8	249.1	3	157.6
11270	18.2	247.5	5	162.3
11280	17.1	245.8	7	166.9

11290	16.0	244.1	8	171.4
11300	15.5	242.4	10	175.4
11310	15.9	240.6	12	178.9
11320	16.0	238.8	14	182.8
11330	15.7	236.9	16	186.8
11340	15.1	235.0	17	190.6
11350	13.6	233.1	19	194.0
11360	12.9	231.2	21	197.0
11370	12.3	229.2	23	199.6
11380	12.6	227.1	25	202.5
11390	13.3	225.1	27	205.2
11400	13.3	223.0	29	208.1
11410	11.8	220.9	32	210.8
11420	10.3	218.8	34	213.2
11430	8.5	216.6	36	215.1
11440	8.1	214.5	38	216.4
11450	8.8	212.3	40	218.0
11460	8.4	210.1	42	219.3
11470	7.6	207.9	45	220.9
11480	7.1	205.7	47	222.0
11490	7.2	203.5	49	223.3
11500	7.7	201.2	51	224.4
11510	6.5	199.0	53	225.4
11520	4.9	196.7	56	226.2
11530	4.3	194.4	58	226.5
11540	4.3	192.2	60	226.5
11550	4.5	189.9	63	227.0
11560	4.9	187.6	65	227.6
11570	5.2	185.4	67	227.8
11580	5.0	183.1	69	228.4
11590	3.8	180.8	72	228.9
11600	3.0	178.5	74	228.6
11610	3.1	176.2	76	228.4
11620	3.3	173.9	79	228.1
11630	3.5	171.6	81	228.1
11640	3.8	169.4	83	228.1
11650	4.2	167.1	85	228.4
11660	4.1	164.8	88	228.4
11670	3.4	162.5	90	228.4
11680	3.4	160.2	92	228.1
11690	3.3	157.9	95	228.1
11700	3.1	155.7	97	228.4
11710	3.3	153.4	99	228.1
11720	3.5	151.1	101	227.6
11730	4.2	148.8	104	227.8
11740	4.2	146.5	106	228.1
11750	3.5	144.3	108	227.8
11760	3.0	142.0	110	228.1
11770	2.7	139.7	113	227.8
11780	2.6	137.4	115	227.6
11790	2.6	135.2	117	227.3
11800	2.6	132.9	120	226.8
11810	2.4	130.6	122	226.8
11820	2.3	128.4	124	226.0

11830	2.2	126.1	126	226.0
11840	2.2	123.8	129	225.4
11850	1.8	121.6	131	224.9
11860	-2.4	119.3	133	223.8
11870	-6.5	117.1	135	221.7
11880	-5.3	114.9	138	218.8
11890	-1.9	112.8	140	216.4
11900	-0.3	110.6	142	215.1
11910	-0.7	108.5	144	213.7
11920	-2.2	106.3	146	212.7
11930	-4.3	104.2	148	210.5
11940	-6.0	102.1	150	208.1
11950	-5.2	100.1	152	205.2
11960	-3.4	98.0	154	202.8
11970	-2.2	96.0	156	200.9
11980	-3.5	94.0	158	199.4
11990	-6.2	92.0	160	197.2
12000	-8.0	90.1	162	194.0
12010	-8.3	88.2	164	190.3
12020	-7.5	86.3	166	187.1
12030	-6.5	84.5	168	165.3
12040	2.7	82.8	170	177.5
12050	6.1	81.4	171	137.9
12060	24.4	80.2	172	118.7
12070	36.2	79.1	173	101.6
12080	32.3	78.2	174	85.9
12090	19.7	77.5	175	72.9
12100	5.6	76.8	176	60.1
12110	0.0	76.3	176	50.5
12120	-0.1	75.9	177	42.8
12130	-6.8	75.5	177	39.9
12140	-13.2	75.2	177	29.5
12150	-15.2	74.9	178	24.2
12160	-14.8	74.7	178	18.1
12170	-14.5	74.5	178	17.3
12180	-15.2	74.4	178	11.7
12190	-17.8	74.3	178	6.6
12200	-21.8	74.3	178	1.5
12210	-27.8	74.3	178	-1.8
12220	-33.5	74.4	178	-10.1
12230	-36.9	74.5	178	-17.5
12240	-38.8	74.8	178	-27.9
12250	-39.2	75.1	177	-34.3
12260	-38.5	75.6	177	-54.0
12270	-37.6	76.2	176	-59.3
12280	-36.9	76.8	176	-62.8
12290	-35.5	77.6	175	-71.8
12300	-33.9	78.5	174	-98.2
12310	-32.5	79.4	173	-97.9
12320	-31.6	80.5	172	-96.3
12330	-31.2	81.6	171	-103.5
12340	-31.5	82.8	170	-111.2
12350	-32.1	84.1	168	-118.4
12360	-32.5	85.6	167	-140.5

12370	-32.3	87.0	165	-149.0
12380	-31.6	88.6	164	-158.4
12390	-30.1	90.2	162	-166.6
12400	-27.7	92.0	160	-174.6
12410	-25.5	93.8	159	-182.0
12420	-24.7	95.6	157	-188.4
12430	-25.6	97.6	155	-194.8
12440	-25.5	99.6	153	-201.5
12450	-24.0	101.6	151	-208.1
12460	-21.0	103.8	149	-214.0
12470	-18.8	105.9	147	-219.1
12480	-18.0	108.2	144	-223.8
12490	-17.4	110.4	142	-228.1
12500	-16.4	112.7	140	-232.1
12510	-15.7	115.1	137	-235.8
12520	-15.1	117.5	135	-239.3
12530	-13.7	119.9	133	-242.5
12540	-12.2	122.3	130	-245.7
12550	-12.6	124.8	128	-248.1
12560	-13.3	127.3	125	-250.7
12570	-12.6	129.9	123	-253.4
12580	-11.4	132.4	120	-255.8
12590	-10.7	135.0	117	-258.2
12600	-9.4	137.6	115	-260.3
12610	-8.3	140.2	112	-261.6
12620	-9.4	142.8	110	-263.0
12630	-11.0	145.5	107	-264.8
12640	-11.0	148.1	104	-266.4
12650	-10.2	150.8	102	-268.8
12660	-8.4	153.5	99	-270.7
12670	-5.8	156.2	96	-271.8
12680	-3.7	158.9	94	-272.0
12690	-3.9	161.7	91	-271.8
12700	-4.9	164.4	88	-271.8
12710	-6.1	167.1	85	-272.0
12720	-7.6	169.8	83	-272.3
12730	-8.3	172.6	80	-273.4
12740	-7.5	175.3	77	-274.2
12750	-6.1	178.1	74	-275.5
12760	-5.3	180.8	72	-275.8
12770	-4.7	183.6	69	-276.3
12780	-4.9	186.3	66	-276.6
12790	-4.9	189.1	63	-276.6
12800	-4.2	191.9	61	-276.3
12810	-3.7	194.6	58	-276.6
12820	-3.7	197.4	55	-276.3
12830	-3.7	200.2	52	-276.3
12840	-3.8	202.9	50	-275.5
12850	-4.3	205.7	47	-275.5
12860	-4.2	208.4	44	-275.5
12870	-3.0	211.2	41	-275.5
12880	-2.8	213.9	39	-274.7
12890	-2.7	216.7	36	-274.4
12900	-2.7	219.4	33	-273.9

12910	-2.3	222.2	30	-273.4
12920	0.0	224.9	28	-272.6
12930	6.4	227.6	25	-270.4
12940	9.8	230.3	22	-266.7
12950	7.9	232.9	20	-262.7
12960	3.4	235.5	17	-259.5
12970	0.1	238.1	14	-257.7
12980	-0.1	240.6	12	-256.3
12990	2.7	243.2	9	-255.0
13000	7.5	245.7	7	-252.6
13010	11.4	248.2	4	-248.6
13020	12.3	250.7	2	-243.8
13030	11.1	253.1	-1	-239.0
13040	8.8	255.4	-3	-234.5
13050	7.1	257.8	-5	-231.0
13060	7.3	260.0	-8	-227.8
13070	6.2	262.1	-10	-194.0
13080	-3.7	264.0	-12	-177.3
13090	-25.2	265.5	-13	-130.9
13100	-50.4	266.8	-14	-121.1
13110	-56.3	267.9	-15	-100.0
13120	-44.6	268.7	-16	-72.4
13130	-23.5	269.4	-17	-64.1
13140	-2.8	270.0	-18	-55.3
13150	0.3	270.4	-18	-40.7
13160	2.3	270.7	-18	-33.2
13170	13.4	271.0	-19	-25.8
13180	20.3	271.2	-19	-20.4
13190	21.4	271.3	-19	-12.7
13200	21.2	271.4	-19	-6.9
13210	19.8	271.4	-19	0.0
13220	20.6	271.4	-19	1.5
13230	21.3	271.4	-19	8.2
13240	20.2	271.3	-19	12.7
13250	18.2	271.1	-19	18.6
13260	17.6	270.9	-18	21.0
13270	19.4	270.6	-18	25.5
13280	22.8	270.3	-18	33.8
13290	26.3	269.9	-17	44.1
13300	27.9	269.4	-17	52.1
13310	27.8	268.9	-16	54.8
13320	26.7	268.3	-16	56.1
13330	25.0	267.6	-15	76.1
13340	24.1	266.9	-14	76.1
13350	24.4	266.1	-14	74.5
13360	25.2	265.2	-13	97.9
13370	25.6	264.3	-12	95.5
13380	25.0	263.3	-11	92.1
13390	22.9	262.1	-10	119.5
13400	21.2	261.0	-9	124.3
13410	20.1	259.8	-7	120.3
13420	20.2	258.6	-6	125.9
13430	20.5	257.3	-5	131.2
13440	20.9	255.9	-3	136.8

13450	21.2	254.5	-2	142.4
13460	20.1	253.0	-1	147.7
13470	19.3	251.5	1	153.3
13480	18.6	250.0	2	158.1
13490	17.9	248.3	4	162.9
13500	17.2	246.7	6	167.1
13510	17.0	245.0	7	171.7
13520	17.0	243.2	9	175.7
13530	16.8	241.4	11	180.2
13540	16.3	239.6	13	183.9
13550	14.2	237.7	15	187.6
13560	12.5	235.8	17	191.1
13570	11.8	233.9	19	194.0
13580	12.6	231.9	21	196.4
13590	13.8	230.0	22	199.4
13600	14.0	227.9	25	202.5
13610	13.0	225.9	27	205.5
13620	11.9	223.8	29	208.7
13630	10.6	221.7	31	211.1
13640	9.5	219.6	33	213.5
13650	9.1	217.4	35	215.1
13660	9.2	215.3	37	216.9
13670	10.4	213.1	39	218.5
13680	10.4	210.9	42	220.6
13690	9.2	208.7	44	222.8
13700	8.0	206.4	46	224.1
13710	7.9	204.2	48	225.7
13720	8.7	201.9	51	226.8
13730	9.1	199.6	53	228.4
13740	8.1	197.3	55	230.0
13750	7.3	195.0	57	231.0
13760	6.4	192.7	60	232.1
13770	5.2	190.4	62	232.9
13780	4.2	188.0	64	234.0
13790	3.8	185.7	67	233.4
13800	4.1	183.4	69	233.7
13810	4.3	181.0	71	233.7
13820	4.3	178.7	74	234.0
13830	4.7	176.3	76	234.2
13840	5.0	174.0	78	234.2
13850	4.3	171.6	81	234.8
13860	3.5	169.3	83	235.0
13870	3.1	166.9	86	235.0
13880	3.3	164.6	88	234.8
13890	3.1	162.2	90	234.5
13900	3.3	159.9	93	234.5
13910	3.1	157.6	95	234.5
13920	3.1	155.2	97	234.0
13930	3.0	152.9	100	234.0
13940	3.0	150.5	102	233.4
13950	3.0	148.2	104	233.4
13960	2.8	145.9	107	233.2
13970	2.7	143.5	109	232.9
13980	2.6	141.2	111	232.4

13990	2.4	138.9	114	231.8
14000	2.6	136.6	116	231.8
14010	2.6	134.3	118	231.6
14020	2.4	132.0	120	231.0
14030	2.4	129.6	123	230.5
14040	2.3	127.3	125	230.2
14050	2.0	125.0	127	229.7
14060	1.5	122.8	130	229.2
14070	-2.6	120.5	132	228.1
14080	-5.3	118.2	134	226.2
14090	-3.4	116.0	136	223.6
14100	-0.4	113.7	139	222.0
14110	0.7	111.5	141	220.6
14120	-0.3	109.3	143	219.9
14130	-2.2	107.1	145	218.5
14140	-4.2	105.0	147	216.9
14150	-5.6	102.8	150	214.3
14160	-4.9	100.7	152	211.9
14170	-3.1	98.6	154	209.7
14180	-1.9	96.5	156	207.9
14190	-3.0	94.4	158	206.3
14200	-5.6	92.4	160	204.7
14210	-7.3	90.4	162	201.2
14220	-7.3	88.4	164	198.6
14230	-6.5	86.4	166	195.4
14240	-6.2	84.6	168	172.7
14250	3.1	82.7	170	185.2
14260	9.8	81.3	171	142.9
14270	29.8	80.0	172	122.1
14280	39.1	78.9	174	93.4
14290	30.0	78.0	174	87.8
14300	11.4	77.3	175	72.6
14310	-0.1	76.6	176	59.9
14320	-11.9	76.1	176	49.7
14330	-25.4	75.7	177	43.6
14340	-27.7	75.4	177	31.6
14350	-25.1	75.1	177	26.6
14360	-19.7	74.9	178	17.8
14370	-14.1	74.8	178	11.9
14380	-14.6	74.7	178	9.5
14390	-19.3	74.6	178	4.5
14400	-24.5	74.6	178	-1.0
14410	-28.7	74.6	178	-4.7
14420	-30.5	74.7	178	-12.2
14430	-30.5	74.9	178	-20.7
14440	-30.8	75.2	177	-26.6
14450	-32.7	75.5	177	-33.8
14460	-35.9	76.0	176	-51.3
14470	-38.4	76.5	176	-56.4
14480	-38.9	77.2	175	-60.4
14490	-36.3	78.0	174	-85.1
14500	-32.5	78.8	174	-95.5
14510	-28.9	79.7	173	-95.8
14520	-26.8	80.7	172	-92.6

14530	-27.4	81.8	171	-99.8
14540	-29.3	83.0	169	-129.6
14550	-30.5	84.2	168	-137.9
14560	-30.5	85.6	167	-133.3
14570	-29.4	87.0	165	-141.6
14580	-28.5	88.4	164	-149.8
14590	-27.7	90.0	162	-157.3
14600	-26.4	91.6	161	-164.7
14610	-24.3	93.3	159	-171.9
14620	-22.2	95.1	157	-177.8
14630	-21.4	96.9	156	-183.6
14640	-21.4	98.8	154	-189.2
14650	-22.0	100.7	152	-194.8
14660	-22.2	102.7	150	-200.4
14670	-22.0	104.7	148	-206.0
14680	-21.6	106.8	146	-211.3
14690	-20.2	109.0	143	-216.1
14700	-17.6	111.2	141	-221.2
14710	-15.7	113.4	139	-224.9
14720	-14.8	115.7	137	-228.6
14730	-14.5	118.0	134	-231.8
14740	-14.4	120.4	132	-235.0
14750	-14.6	122.7	130	-238.2
14760	-15.5	125.2	127	-241.1
14770	-15.6	127.6	125	-244.6
14780	-14.1	130.1	122	-247.8
14790	-12.6	132.6	120	-250.7
14800	-11.8	135.1	117	-253.4
14810	-10.4	137.7	115	-255.8
14820	-9.2	140.2	112	-257.4
14830	-9.8	142.8	110	-259.3
14840	-11.7	145.4	107	-261.1
14850	-11.7	148.1	104	-263.8
14860	-11.4	150.7	102	-265.9
14870	-11.0	153.4	99	-268.0
14880	-8.9	156.1	96	-269.9
14890	-6.9	158.8	94	-271.5
14900	-7.5	161.5	91	-272.3
14910	-9.2	164.2	88	-273.4
14920	-9.9	167.0	85	-274.7
14930	-9.8	169.7	83	-276.0
14940	-9.2	172.5	80	-277.6
14950	-7.5	175.3	77	-278.7
14960	-5.8	178.1	74	-280.0
14970	-5.7	180.9	72	-280.0
14980	-6.1	183.7	69	-280.5
14990	-7.6	186.5	66	-281.1
15000	-8.7	189.3	63	-282.1
15010	-7.6	192.2	60	-283.5
15020	-6.2	195.0	57	-284.3
15030	-5.4	197.8	55	-284.8
15040	-5.3	200.7	52	-284.8
15050	-5.3	203.5	49	-285.1
15060	-5.6	206.4	46	-285.6

15070	-4.3	209.3	43	-285.3
15080	-3.1	212.1	40	-285.3
15090	-3.1	215.0	37	-284.5
15100	-3.0	217.8	35	-284.3
15110	-2.8	220.6	32	-283.7
15120	-2.8	223.5	29	-282.9
15130	-2.7	226.3	26	-282.7
15140	-1.6	229.1	23	-282.1
15150	4.6	231.9	21	-280.5
15160	11.0	234.7	18	-276.8
15170	12.3	237.4	15	-272.0
15180	9.4	240.1	12	-267.2
15190	5.0	242.8	10	-264.0
15200	3.7	245.4	7	-261.1
15210	5.4	248.0	4	-258.7
15220	9.2	250.6	2	-255.5
15230	13.0	253.1	-1	-251.5
15240	14.2	255.6	-3	-245.9
15250	11.7	258.0	-6	-240.6
15260	8.0	260.4	-8	-236.4
15270	1.2	262.5	-10	-220.1
15280	-4.6	264.5	-12	-194.8
15290	-27.0	265.9	-13	-146.1
15300	-50.4	267.2	-15	-120.0
15310	-52.2	268.2	-16	-97.7
15320	-34.4	269.0	-17	-69.4
15330	-10.7	269.7	-17	-60.6
15340	0.8	270.2	-18	-51.6
15350	6.2	270.6	-18	-37.8
15360	22.8	270.9	-18	-31.4
15370	27.7	271.1	-19	-20.2
15380	24.5	271.3	-19	-13.8
15390	20.3	271.4	-19	-5.8
15400	17.4	271.4	-19	-1.0
15410	18.4	271.4	-19	0.2
15420	21.7	271.3	-19	5.3
15430	22.6	271.2	-19	9.5
15440	21.2	271.1	-19	17.3
15450	18.3	270.9	-18	20.4
15460	17.6	270.6	-18	30.6
15470	19.3	270.3	-18	36.2
15480	22.6	269.9	-17	38.0
15490	26.7	269.5	-17	39.9
15500	28.3	269.0	-17	47.1
15510	27.3	268.4	-16	53.5
15520	24.3	267.8	-15	66.2
15530	21.3	267.1	-15	65.4
15540	19.9	266.3	-14	86.5
15550	21.2	265.4	-13	92.3
15560	23.2	264.6	-12	96.9
15570	24.1	263.6	-11	105.1
15580	23.5	262.7	-10	101.6
15590	22.2	261.6	-9	96.9
15600	20.6	260.5	-8	102.2

15610	19.9	259.3	-7	119.0
15620	20.3	258.0	-6	124.3
15630	20.3	256.7	-4	129.3
15640	20.6	255.4	-3	135.2
15650	20.1	254.0	-2	140.2
15660	18.6	252.6	0	145.6
15670	17.8	251.1	1	150.4
15680	17.6	249.5	3	154.9
15690	17.4	248.0	4	159.2
15700	17.2	246.3	6	163.4
15710	17.1	244.7	8	168.2
15720	16.7	242.9	10	172.5
15730	16.0	241.2	11	176.5
15740	15.1	239.4	13	180.4
15750	14.1	237.6	15	183.9
15760	13.7	235.7	17	187.1
15770	13.6	233.8	19	190.8
15780	14.2	231.9	21	193.8
15790	14.2	229.9	23	197.2
15800	13.2	227.9	25	199.9
15810	11.9	225.9	27	202.8
15820	11.1	223.8	29	205.5
15830	10.4	221.8	31	207.9
15840	9.9	219.7	33	210.3
15850	10.6	217.6	35	212.1
15860	11.4	215.4	37	214.3
15870	12.2	213.3	39	216.7
15880	11.4	211.1	41	219.3
15890	9.6	208.9	44	221.4
15900	8.1	206.6	46	223.3
15910	7.7	204.4	48	224.4
15920	7.7	202.1	50	225.7
15930	7.3	199.9	53	227.0
15940	6.1	197.6	55	227.8
15950	6.1	195.3	57	228.6
15960	6.2	193.0	59	229.4
15970	6.5	190.7	62	230.0
15980	6.5	188.4	64	231.3
15990	6.9	186.1	66	231.8
16000	7.1	183.8	69	232.6
16010	6.5	181.4	71	233.4
16020	4.7	179.1	73	234.2
16030	4.5	176.7	76	234.5
16040	4.3	174.4	78	234.5
16050	4.2	172.0	80	235.0
16060	3.8	169.7	83	235.3
16070	3.8	167.3	85	235.0
16080	4.1	165.0	87	235.3
16090	3.8	162.6	90	235.3
16100	3.8	160.3	92	235.3
16110	3.7	157.9	95	235.3
16120	3.5	155.6	97	235.3
16130	3.4	153.2	99	235.0
16140	3.7	150.9	102	235.0

16150	3.7	148.5	104	235.0
16160	3.5	146.2	106	235.0
16170	3.0	143.8	109	235.0
16180	2.7	141.5	111	234.8
16190	2.6	139.1	113	234.5
16200	2.6	136.8	116	234.0
16210	2.6	134.5	118	233.7
16220	2.6	132.1	120	233.2
16230	2.4	129.8	123	233.2
16240	2.4	127.5	125	232.6
16250	2.3	125.1	127	232.1
16260	2.3	122.8	130	231.8
16270	1.8	120.5	132	231.3
16280	-0.5	118.2	134	230.2
16290	-4.1	115.9	137	228.9
16300	-4.7	113.6	139	226.5
16310	-3.3	111.4	141	224.1
16320	-1.2	109.2	143	222.5
16330	0.4	106.9	146	221.2
16340	0.0	104.7	148	220.1
16350	-2.7	102.5	150	219.1
16360	-4.3	100.4	152	216.7
16370	-3.8	98.2	154	214.3
16380	-2.3	96.1	156	212.7
16390	-2.0	94.0	158	211.1
16400	-3.1	91.9	161	209.5
16410	-4.6	89.8	163	207.1
16420	-5.8	87.7	165	204.7
16430	-6.6	85.7	167	202.0
16440	-4.3	83.8	169	212.1
16450	3.0	82.1	170	164.2
16460	22.0	80.6	172	152.0
16470	43.5	79.5	173	117.6
16480	46.5	78.4	174	99.3
16490	32.3	77.6	175	82.5
16500	12.9	76.8	176	67.3
16510	-0.7	76.2	176	60.1
16520	-9.2	75.8	177	45.7
16530	-21.6	75.4	177	36.4
16540	-24.8	75.1	177	31.6
16550	-22.8	74.8	178	22.3
16560	-18.4	74.7	178	18.3
16570	-15.7	74.5	178	11.9
16580	-18.3	74.4	178	6.6
16590	-23.6	74.4	178	1.3
16600	-28.5	74.4	178	-2.3
16610	-31.7	74.5	178	-9.5
16620	-35.5	74.7	178	-16.2
16630	-37.6	74.9	178	-30.3
16640	-38.5	75.3	177	-37.2
16650	-39.2	75.7	177	-43.3
16660	-40.0	76.3	176	-64.9
16670	-40.7	76.9	176	-70.0
16680	-41.1	77.7	175	-72.9

16690	-39.7	78.7	174	-101.1
16700	-36.5	79.6	173	-102.4
16710	-32.7	80.7	172	-100.8
16720	-29.7	81.9	171	-108.3
16730	-28.9	83.2	169	-115.5
16740	-30.1	84.5	168	-122.1
16750	-32.8	86.0	166	-144.2
16760	-34.0	87.5	165	-153.0
16770	-33.9	89.1	163	-162.1
16780	-30.8	90.8	162	-171.7
16790	-26.6	92.6	160	-179.4
16800	-23.1	94.4	158	-186.3
16810	-21.2	96.3	156	-192.2
16820	-20.5	98.3	154	-197.2
16830	-20.3	100.3	152	-202.5
16840	-20.1	102.4	150	-207.9
16850	-19.9	104.5	148	-212.4
16860	-20.5	106.6	146	-217.2
16870	-20.7	108.8	144	-222.2
16880	-19.3	111.1	141	-227.0
16890	-17.0	113.4	139	-231.8
16900	-14.5	115.7	137	-235.3
16910	-12.3	118.1	134	-238.2
16920	-10.6	120.5	132	-240.6
16930	-10.6	122.9	130	-242.5
16940	-12.5	125.4	127	-244.9
16950	-14.1	127.9	125	-247.0
16960	-14.0	130.3	122	-249.7
16970	-12.7	132.9	120	-252.6
16980	-11.1	135.4	117	-255.3
16990	-8.4	138.0	114	-257.1
17000	-6.6	140.6	112	-258.5
17010	-7.3	143.2	109	-259.5
17020	-8.7	145.8	107	-260.6
17030	-9.2	148.4	104	-261.9
17040	-9.8	151.0	101	-263.2
17050	-10.0	153.7	99	-264.8
17060	-8.3	156.3	96	-266.7
17070	-5.8	159.0	93	-267.8
17080	-5.6	161.7	91	-268.3
17090	-6.4	164.4	88	-268.8
17100	-6.9	167.1	85	-269.1
17110	-7.3	169.8	83	-269.9
17120	-7.6	172.5	80	-270.4
17130	-7.1	175.2	77	-271.2
17140	-6.6	177.9	75	-272.3
17150	-7.2	180.6	72	-273.1
17160	-7.5	183.4	69	-273.9
17170	-8.1	186.1	66	-274.7
17180	-8.1	188.9	64	-276.0
17190	-6.1	191.6	61	-277.1
17200	-4.6	194.4	58	-277.4
17210	-4.7	197.2	55	-277.6
17220	-5.6	200.0	52	-277.6

17230	-6.8	202.7	50	-277.9
17240	-8.0	205.5	47	-278.7
17250	-6.6	208.3	44	-279.5
17260	-3.4	211.1	41	-280.0
17270	-3.0	213.9	39	-279.5
17280	-2.8	216.7	36	-279.2
17290	-2.8	219.5	33	-278.7
17300	-2.7	222.3	30	-278.4
17310	-2.7	225.1	27	-277.6
17320	-2.3	227.8	25	-277.1
17330	1.4	230.6	22	-276.0
17340	6.8	233.3	19	-273.4
17350	8.7	236.1	16	-269.9
17360	6.9	238.7	14	-266.2
17370	3.8	241.4	11	-263.2
17380	1.9	244.0	8	-260.6
17390	1.6	246.6	6	-258.7
17400	3.8	249.1	3	-256.9
17410	6.8	251.7	1	-254.2
17420	10.3	254.2	-2	-250.7
17430	11.5	256.7	-4	-246.2
17440	11.0	259.1	-7	-241.4
17450	9.9	261.4	-9	-213.2
17460	-3.8	263.6	-11	-219.1
17470	-19.9	265.2	-13	-162.3
17480	-47.5	266.6	-14	-133.1
17490	-57.6	267.8	-15	-119.5
17500	-46.5	268.7	-16	-87.8
17510	-23.9	269.4	-17	-69.2
17520	-0.9	270.0	-18	-48.1
17530	0.9	270.5	-18	-42.3
17540	6.8	270.8	-18	-34.0
17550	20.2	271.1	-19	-25.5
17560	25.0	271.3	-19	-16.2
17570	23.5	271.4	-19	-11.1
17580	18.3	271.5	-19	-3.9
17590	14.6	271.5	-19	0.2
17600	18.3	271.5	-19	0.5
17610	23.3	271.4	-19	7.4
17620	25.1	271.3	-19	13.3
17630	22.9	271.1	-19	21.0
17640	18.6	270.9	-18	25.2
17650	16.0	270.6	-18	27.1
17660	17.4	270.3	-18	38.3
17670	22.0	269.9	-17	43.1
17680	26.8	269.5	-17	50.3
17690	29.0	268.9	-16	58.3
17700	28.2	268.4	-16	60.6
17710	25.2	267.7	-15	61.4
17720	21.4	266.9	-14	82.5
17730	19.7	266.2	-14	80.6
17740	20.7	265.3	-13	77.4
17750	23.9	264.4	-12	82.2
17760	26.2	263.5	-11	88.1

17770	26.0	262.4	-10	115.2
17780	23.5	261.4	-9	111.2
17790	20.1	260.1	-8	117.1
17800	18.2	258.9	-6	122.4
17810	18.2	257.7	-5	127.5
17820	20.2	256.4	-4	132.3
17830	22.2	255.0	-3	138.1
17840	22.5	253.6	-1	143.7
17850	20.3	252.1	0	149.6
17860	18.0	250.6	2	154.6
17870	16.0	249.0	3	159.4
17880	15.1	247.3	5	163.7
17890	15.3	245.7	7	167.1
17900	16.1	244.0	8	170.9
17910	16.3	242.2	10	174.6
17920	15.9	240.5	12	178.6
17930	14.0	238.6	14	182.6
17940	12.1	236.8	16	185.8
17950	11.3	234.9	18	188.7
17960	10.8	233.0	19	191.1
17970	11.8	231.1	21	193.2
17980	11.8	229.1	23	195.6
17990	10.7	227.2	25	198.3
18000	9.4	225.2	27	200.4
18010	8.0	223.1	29	202.0
18020	7.1	221.1	31	203.3
18030	7.3	219.1	33	204.4
18040	7.9	217.0	35	205.7
18050	8.0	215.0	37	206.5
18060	7.3	212.9	40	208.1
18070	5.4	210.8	42	209.2
18080	4.1	208.7	44	209.7
18090	3.8	206.6	46	209.7
18100	4.6	204.5	48	210.0
18110	5.6	202.4	50	210.5
18120	5.7	200.3	52	211.1
18130	4.5	198.2	54	211.9
18140	3.5	196.0	56	211.9
18150	3.5	193.9	59	212.1
18160	3.7	191.8	61	211.9
18170	3.7	189.7	63	212.4
18180	3.5	187.6	65	212.4
18190	3.5	185.4	67	212.1
18200	3.7	183.3	69	212.1
18210	3.3	181.2	71	212.1
18220	2.6	179.1	73	212.1
18230	2.6	176.9	76	212.4
18240	2.3	174.8	78	211.9
18250	2.3	172.7	80	211.6
18260	2.4	170.6	82	211.1
18270	2.3	168.5	84	211.1
18280	2.3	166.4	86	210.5
18290	2.3	164.3	88	210.3
18300	2.2	162.2	90	210.0

18310	2.2	160.1	92	209.7
18320	1.9	158.0	94	209.2
18330	1.4	155.9	97	208.9
18340	0.0	153.8	99	208.1
18350	0.0	151.7	101	206.8
18360	1.6	149.7	103	206.0
18370	2.3	147.6	105	205.7
18380	2.3	145.6	107	205.5
18390	2.3	143.5	109	204.9
18400	2.2	141.5	111	204.7
18410	2.3	139.4	113	204.4
18420	2.3	137.4	115	204.1
18430	2.3	135.3	117	203.9
18440	2.3	133.3	119	203.3
18450	2.2	131.3	121	203.1
18460	2.0	129.2	123	203.1
18470	1.9	127.2	125	202.8
18480	1.8	125.2	127	202.3
18490	1.2	123.2	129	201.5
18500	0.0	121.1	131	200.7
18510	-0.7	119.1	133	199.9
18520	0.0	117.2	135	199.1
18530	1.2	115.2	137	198.0
18540	1.5	113.2	139	197.8
18550	0.5	111.2	141	197.0
18560	-0.5	109.3	143	196.2
18570	-0.7	107.3	145	195.1
18580	-0.7	105.4	147	194.0
18590	-0.9	103.4	149	192.7
18600	-0.8	101.5	151	191.4
18610	-0.8	99.6	153	190.3
18620	-0.7	97.7	155	189.0
18630	-0.8	95.8	157	187.6
18640	-1.8	94.0	158	186.6
18650	-2.8	92.1	160	185.0
18660	-3.1	90.3	162	183.1
18670	-2.7	88.5	164	181.2
18680	-3.1	86.7	166	179.4
18690	-4.5	84.9	168	177.5
18700	0.7	83.3	169	161.5
18710	4.1	81.8	171	152.2
18720	18.8	80.6	172	120.0
18730	34.3	79.5	173	104.0
18740	31.6	78.5	174	97.9
18750	17.6	77.8	175	75.0
18760	3.0	77.1	175	63.3
18770	-0.5	76.6	176	53.2
18780	-2.6	76.1	176	45.5
18790	-12.1	75.7	177	37.8
18800	-17.1	75.4	177	34.0
18810	-17.0	75.1	177	25.8
18820	-15.6	74.9	178	23.4
18830	-15.9	74.7	178	16.7
18840	-18.7	74.6	178	10.6

18850	-21.6	74.5	178	6.1
18860	-24.4	74.5	178	-0.5
18870	-28.2	74.5	178	-3.7
18880	-30.6	74.6	178	-11.4
18890	-32.7	74.8	178	-21.2
18900	-34.7	75.1	177	-31.4
18910	-36.1	75.4	177	-41.5
18920	-36.6	75.8	177	-47.3
18930	-36.5	76.4	176	-52.7
18940	-34.6	77.0	175	-60.9
18950	-31.7	77.8	175	-70.5
18960	-29.7	78.6	174	-76.9
18970	-28.1	79.6	173	-102.7
18980	-27.8	80.5	172	-100.8
18990	-28.6	81.6	171	-97.1
19000	-29.4	82.8	170	-127.2
19010	-30.1	84.0	168	-135.5
19020	-29.7	85.3	167	-144.5
19030	-29.4	86.7	166	-139.2
19040	-28.2	88.1	164	-147.4
19050	-26.2	89.7	163	-154.9
19060	-24.0	91.3	161	-161.8
19070	-23.3	92.9	160	-167.9
19080	-22.6	94.6	158	-174.3
19090	-23.3	96.4	156	-180.2
19100	-24.3	98.3	154	-186.3
19110	-23.1	100.2	152	-192.4
19120	-20.7	102.2	150	-198.3
19130	-18.2	104.2	148	-203.3
19140	-16.8	106.3	146	-207.6
19150	-17.2	108.4	144	-211.9
19160	-16.5	110.5	142	-216.1
19170	-15.7	112.7	140	-219.6
19180	-14.9	114.9	138	-223.3
19190	-14.2	117.2	135	-226.5
19200	-13.6	119.5	133	-229.4
19210	-12.3	121.8	131	-232.4
19220	-12.3	124.1	128	-235.3
19230	-13.2	126.5	126	-237.7
19240	-13.2	128.9	124	-240.9
19250	-11.7	131.3	121	-243.3
19260	-11.5	133.8	119	-245.4
19270	-11.1	136.2	116	-247.3
19280	-10.4	138.7	114	-249.7
19290	-10.7	141.2	111	-251.0
19300	-12.5	143.8	109	-253.4
19310	-13.7	146.3	106	-255.5
19320	-12.9	148.9	104	-258.2
19330	-12.1	151.5	101	-260.6
19340	-11.0	154.1	98	-262.4
19350	-8.9	156.8	96	-264.3
19360	-7.5	159.4	93	-265.4
19370	-9.4	162.1	90	-266.7
19380	-11.5	164.8	88	-267.8

19390	-12.2	167.5	85	-269.6
19400	-11.8	170.2	82	-271.8
19410	-10.3	172.9	80	-273.9
19420	-7.6	175.7	77	-275.5
19430	-6.0	178.4	74	-276.6
19440	-5.8	181.2	71	-277.1
19450	-6.4	184.0	68	-277.4
19460	-7.2	186.7	66	-278.2
19470	-7.3	189.5	63	-279.5
19480	-5.7	192.3	60	-280.5
19490	-4.9	195.1	57	-280.8
19500	-5.2	198.0	54	-281.1
19510	-5.8	200.8	52	-281.1
19520	-6.4	203.6	49	-281.3
19530	-6.6	206.4	46	-281.6
19540	-4.5	209.2	43	-282.4
19550	-2.7	212.0	40	-282.1
19560	-2.8	214.9	38	-281.3
19570	-2.6	217.7	35	-281.1
19580	-2.6	220.5	32	-280.0
19590	-0.8	223.3	29	-279.8
19600	4.1	226.1	26	-277.6
19610	6.9	228.8	24	-275.0
19620	6.0	231.5	21	-271.8
19630	3.3	234.2	18	-268.6
19640	1.5	236.9	16	-266.4
19650	1.9	239.6	13	-264.6
19660	4.3	242.2	10	-262.7
19670	7.3	244.8	8	-259.5
19680	9.8	247.4	5	-255.5
19690	9.6	249.9	3	-251.5
19700	9.1	252.4	0	-247.5
19710	10.0	254.8	-2	-243.3
19720	11.1	257.2	-5	-239.6
19730	11.9	259.6	-7	-234.8
19740	11.1	261.9	-9	-248.6
19750	-4.1	263.7	-11	-187.9
19760	-18.0	265.4	-13	-153.8
19770	-43.1	266.7	-14	-113.6
19780	-50.3	267.8	-15	-104.8
19790	-38.9	268.7	-16	-84.3
19800	-16.3	269.4	-17	-59.9
19810	0.5	270.0	-18	-52.4
19820	2.0	270.4	-18	-38.0
19830	15.6	270.8	-18	-33.5
19840	26.8	271.0	-19	-24.2
19850	28.2	271.2	-19	-17.3
19860	22.8	271.3	-19	-8.2
19870	17.4	271.4	-19	-2.1
19880	16.5	271.4	-19	0.2
19890	19.9	271.3	-19	3.4
19900	22.2	271.2	-19	8.5
19910	21.6	271.1	-19	14.1
19920	18.2	270.9	-18	23.4

19930	15.6	270.7	-18	26.3
19940	15.6	270.4	-18	27.6
19950	19.1	270.0	-18	31.6
19960	24.1	269.6	-17	44.7
19970	27.5	269.2	-17	46.8
19980	27.4	268.7	-16	54.3
19990	24.3	268.1	-16	55.1
20000	20.7	267.4	-15	67.8
20010	18.2	266.7	-14	66.0
20020	18.0	265.9	-13	85.9
20030	20.5	265.1	-13	91.0
20040	22.2	264.2	-12	96.9
20050	22.0	263.3	-11	93.7
20060	19.9	262.3	-10	89.4
20070	17.5	261.2	-9	115.0
20080	16.1	260.2	-8	119.8
20090	16.4	259.0	-7	113.1
20100	17.5	257.9	-5	117.6
20110	18.4	256.7	-4	122.1
20120	18.8	255.4	-3	127.5
20130	18.3	254.1	-2	132.3
20140	16.0	252.7	0	136.8
20150	14.8	251.3	1	141.0
20160	14.6	249.9	3	144.8
20170	14.6	248.4	4	148.2
20180	14.8	246.9	6	152.0
20190	15.1	245.4	7	155.4
20200	14.9	243.8	9	159.4
20210	14.1	242.2	10	162.9
20220	13.2	240.5	12	166.3
20230	11.9	238.8	14	169.0
20240	11.3	237.1	15	171.9
20250	11.0	235.4	17	174.3
20260	10.7	233.6	19	176.7
20270	11.0	231.8	21	179.1
20280	10.6	230.0	22	181.8
20290	9.2	228.2	24	183.6
20300	8.3	226.3	26	185.8
20310	8.4	224.5	28	187.4
20320	8.7	222.6	30	189.0
20330	8.5	220.7	32	190.8
20340	8.3	218.7	34	192.4
20350	7.1	216.8	36	193.8
20360	6.4	214.9	38	195.1
20370	6.4	212.9	40	195.9
20380	6.1	210.9	42	197.0
20390	6.1	209.0	43	198.3
20400	6.4	207.0	45	198.6
20410	7.1	205.0	47	199.6
20420	7.5	203.0	49	200.7
20430	6.9	201.0	51	202.0
20440	5.3	198.9	54	202.8
20450	3.9	196.9	56	203.3
20460	3.5	194.9	58	203.3

20470	3.4	192.8	60	203.6
20480	3.4	190.8	62	203.6
20490	3.5	188.8	64	203.6
20500	3.8	186.7	66	203.6
20510	4.1	184.7	68	203.9
20520	4.3	182.6	70	204.1
20530	3.4	180.6	72	204.4
20540	2.8	178.5	74	204.4
20550	2.7	176.5	76	204.4
20560	2.4	174.5	78	204.1
20570	2.3	172.4	80	203.9
20580	2.3	170.4	82	203.9
20590	2.3	168.3	84	203.6
20600	2.3	166.3	86	203.3
20610	2.3	164.3	88	202.8
20620	2.2	162.3	90	202.5
20630	2.3	160.2	92	202.3
20640	2.2	158.2	94	202.0
20650	2.2	156.2	96	202.0
20660	2.2	154.2	98	201.2
20670	2.2	152.2	100	200.9
20680	2.2	150.2	102	200.7
20690	2.0	148.1	104	200.7
20700	1.9	146.1	106	199.9
20710	1.8	144.2	108	199.4
20720	1.8	142.2	110	199.1
20730	1.6	140.2	112	198.8
20740	1.4	138.2	114	198.3
20750	1.8	136.2	116	197.5
20760	2.3	134.2	118	197.5
20770	2.2	132.3	120	197.0
20780	2.2	130.3	122	197.0
20790	2.3	128.3	124	196.2
20800	2.2	126.4	126	196.2
20810	2.2	124.4	128	195.9
20820	2.2	122.4	130	195.4
20830	1.9	120.5	132	195.4
20840	1.6	118.5	134	194.8
20850	0.8	116.6	136	194.6
20860	0.0	114.7	138	193.8
20870	-0.7	112.7	140	192.4
20880	-1.2	110.8	142	191.4
20890	-1.1	108.9	144	189.8
20900	0.0	107.0	145	189.0
20910	0.0	105.1	147	188.2
20920	-1.1	103.3	149	187.1
20930	-2.0	101.4	151	185.8
20940	-1.9	99.5	153	184.4
20950	-1.2	97.7	155	182.8
20960	-0.9	95.9	157	181.8
20970	-1.8	94.1	158	180.7
20980	-2.8	92.3	160	179.1
20990	-3.3	90.5	162	177.3
21000	-2.4	88.8	164	175.4

21010	-2.2	87.0	165	174.1
21020	-2.8	85.3	167	172.5
21030	0.1	83.7	169	145.8
21040	3.0	82.2	170	140.5
21050	17.4	80.9	172	133.6
21060	34.8	79.9	173	106.2
21070	36.9	78.9	174	91.5
21080	25.4	78.1	174	78.2
21090	11.4	77.4	175	59.3
21100	0.5	76.8	176	55.6
21110	0.0	76.3	176	47.6
21120	-0.7	75.9	177	40.9
21130	-9.5	75.6	177	30.8
21140	-17.0	75.3	177	27.9
21150	-18.4	75.0	177	25.0
21160	-16.7	74.8	178	19.1
21170	-14.5	74.7	178	13.0
21180	-14.0	74.6	178	7.9
21190	-15.5	74.5	178	5.0
21200	-18.8	74.5	178	-0.2
21210	-23.7	74.5	178	-2.3
21220	-27.9	74.6	178	-9.0
21230	-31.7	74.8	178	-14.6
21240	-34.6	75.0	177	-22.3
21250	-35.7	75.3	177	-37.8
21260	-34.4	75.7	177	-48.4
21270	-31.7	76.2	176	-53.2
21280	-29.3	76.8	176	-55.9
21290	-27.8	77.5	175	-64.4
21300	-27.5	78.3	174	-69.7
21310	-27.8	79.1	173	-93.1
21320	-28.3	80.0	172	-101.9
21330	-28.7	81.0	171	-89.7
21340	-29.0	82.0	170	-98.2
21350	-28.5	83.2	169	-103.8
21360	-28.1	84.4	168	-110.2
21370	-27.1	85.7	167	-130.1
21380	-26.3	87.1	165	-137.1
21390	-24.7	88.5	164	-144.2
21400	-22.6	90.0	162	-150.6
21410	-21.3	91.5	161	-156.8
21420	-21.2	93.1	159	-162.3
21430	-22.1	94.8	158	-167.7
21440	-23.7	96.5	156	-173.8
21450	-24.3	98.3	154	-179.7
21460	-22.1	100.2	152	-186.0
21470	-18.6	102.1	150	-191.6
21480	-15.3	104.0	148	-196.2
21490	-14.1	106.0	146	-199.6
21500	-15.2	108.0	144	-203.1
21510	-15.9	110.1	142	-206.8
21520	-15.9	112.2	140	-210.8
21530	-15.6	114.3	138	-214.5
21540	-15.2	116.5	136	-218.0

21550	-14.4	118.7	134	-221.4
21560	-13.2	120.9	132	-224.6
21570	-12.5	123.2	129	-227.8
21580	-12.7	125.5	127	-230.2
21590	-12.7	127.8	125	-232.6
21600	-12.1	130.2	122	-235.0
21610	-11.7	132.5	120	-237.4
21620	-11.9	134.9	118	-240.1
21630	-11.8	137.3	115	-242.2
21640	-11.1	139.8	113	-244.3
21650	-11.1	142.2	110	-246.7
21660	-12.3	144.7	108	-248.9
21670	-11.7	147.2	105	-251.5
21680	-10.7	149.8	103	-254.2
21690	-10.8	152.3	100	-256.1
21700	-10.6	154.9	98	-257.9
21710	-8.7	157.5	95	-259.5
21720	-8.1	160.1	92	-260.6
21730	-9.9	162.7	90	-262.2
21740	-11.0	165.3	87	-263.5
21750	-10.8	168.0	84	-265.6
21760	-10.6	170.7	82	-267.8
21770	-9.5	173.4	79	-269.4
21780	-8.7	176.1	76	-270.7
21790	-8.5	178.8	74	-272.0
21800	-8.8	181.5	71	-273.1
21810	-8.8	184.2	68	-274.4
21820	-9.2	187.0	65	-276.0
21830	-8.7	189.8	63	-277.6
21840	-6.8	192.6	60	-278.7
21850	-5.7	195.4	57	-279.5
21860	-6.9	198.2	54	-280.0
21870	-8.1	201.0	51	-281.1
21880	-9.4	203.8	49	-281.9
21890	-9.2	206.6	46	-282.9
21900	-7.3	209.4	43	-284.3
21910	-4.3	212.3	40	-284.8
21920	-4.1	215.1	37	-284.5
21930	-4.3	218.0	34	-284.5
21940	-4.9	220.8	32	-284.5
21950	-5.4	223.7	29	-284.5
21960	-5.0	226.5	26	-284.3
21970	-3.1	229.4	23	-284.8
21980	-3.0	232.2	20	-284.3
21990	-2.7	235.1	17	-283.7
22000	-2.6	237.9	15	-283.2
22010	-1.2	240.7	12	-282.4
22020	5.8	243.5	9	-280.8
22030	10.8	246.3	6	-277.1
22040	10.2	249.0	3	-272.6
22050	5.8	251.7	1	-268.8
22060	3.4	254.4	-2	-266.2
22070	4.1	257.0	-5	-263.8
22080	7.1	259.7	-7	-260.6

22090	8.4	262.2	-10	-275.8
22100	-4.1	264.2	-12	-202.8
22110	-32.8	266.0	-14	-162.1
22120	-61.4	267.3	-15	-116.8
22130	-69.7	268.4	-16	-104.6
22140	-56.4	269.3	-17	-81.4
22150	-30.5	270.0	-18	-55.9
22160	-5.3	270.5	-18	-47.1
22170	0.9	270.9	-18	-39.6
22180	7.9	271.2	-19	-28.2
22190	19.9	271.4	-19	-22.3
22200	23.6	271.6	-19	-13.3
22210	20.9	271.6	-19	-6.1
22220	14.8	271.7	-19	-1.5
22230	11.8	271.7	-19	0.2
22240	14.8	271.7	-19	2.1
22250	19.0	271.6	-19	5.8
22260	22.2	271.5	-19	12.7
22270	21.6	271.3	-19	19.1
22280	17.1	271.1	-19	25.8
22290	12.7	270.9	-18	27.6
22300	12.1	270.6	-18	28.2
22310	16.0	270.2	-18	38.3
22320	21.7	269.8	-17	43.1
22330	25.2	269.4	-17	45.2
22340	25.8	268.9	-16	46.5
22350	23.5	268.3	-16	64.9
22360	20.2	267.7	-15	64.6
22370	18.3	267.0	-15	63.3
22380	18.7	266.2	-14	83.0
22390	21.0	265.4	-13	88.3
22400	22.8	264.6	-12	94.5
22410	22.6	263.7	-11	91.8
22420	20.6	262.8	-10	87.8
22430	18.2	261.7	-9	92.6
22440	16.3	260.7	-8	96.9
22450	16.5	259.5	-7	111.8
22460	18.2	258.4	-6	116.3
22470	19.4	257.2	-5	121.1
22480	19.4	255.9	-3	126.4
22490	17.8	254.6	-2	131.5
22500	15.5	253.3	-1	135.7
22510	13.2	251.9	1	139.7
22520	14.1	250.5	2	142.9
22530	15.3	249.0	3	146.6
22540	15.9	247.5	5	150.4
22550	15.1	246.0	6	154.4
22560	13.3	244.4	8	158.4
22570	11.9	242.8	10	161.5
22580	11.7	241.2	11	164.5
22590	12.3	239.5	13	166.9
22600	12.9	237.8	15	169.8
22610	12.6	236.1	16	173.0
22620	11.5	234.3	18	175.9

22630	10.2	232.6	20	178.6
22640	9.1	230.8	22	180.7
22650	8.5	228.9	24	182.6
22660	9.2	227.1	25	184.2
22670	10.6	225.2	27	185.8
22680	11.4	223.4	29	188.2
22690	10.3	221.5	31	190.6
22700	8.7	219.5	33	192.7
22710	6.8	217.6	35	194.3
22720	6.2	215.7	37	195.1
22730	7.1	213.7	39	196.2
22740	7.5	211.7	41	197.5
22750	6.9	209.7	43	198.6
22760	6.1	207.7	45	199.6
22770	5.8	205.7	47	200.7
22780	6.0	203.7	49	201.2
22790	6.0	201.7	51	202.5
22800	5.2	199.7	53	203.1
22810	4.6	197.6	55	203.6
22820	1.1	195.6	57	203.9
22830	1.4	193.6	59	203.6
22840	-4.7	191.5	61	201.5
22850	-3.9	189.5	63	198.8
22860	2.6	187.6	65	197.5
22870	2.7	185.6	67	197.5
22880	3.1	183.6	69	197.0
22890	6.4	181.6	71	197.5
22900	10.3	179.7	73	198.6
22910	8.8	177.7	75	200.4
22920	3.3	175.6	77	201.7
22930	1.8	173.6	79	202.0
22940	2.0	171.6	81	201.5
22950	1.8	169.6	83	201.2
22960	1.2	167.6	85	200.7
22970	-1.8	165.6	87	199.9
22980	-3.3	163.6	89	197.8
22990	-0.7	161.6	91	196.2
23000	2.6	159.7	93	195.4
23010	2.6	157.7	95	195.1
23020	2.6	155.8	97	195.4
23030	2.4	153.8	99	195.1
23040	2.3	151.9	101	194.8
23050	2.3	149.9	103	194.3
23060	2.2	148.0	104	194.0
23070	2.2	146.0	106	194.0
23080	2.0	144.1	108	193.8
23090	1.9	142.2	110	193.0
23100	1.5	140.2	112	192.7
23110	-0.8	138.3	114	192.4
23120	-2.4	136.4	116	190.8
23130	-1.5	134.5	118	189.2
23140	0.9	132.6	120	188.2
23150	1.9	130.8	122	187.6
23160	1.6	128.9	124	187.1

23170	0.3	127.0	125	186.8
23180	-0.8	125.1	127	186.0
23190	-1.5	123.3	129	184.7
23200	-1.8	121.5	131	183.4
23210	-1.1	119.6	133	181.8
23220	0.1	117.8	135	180.7
23230	0.4	116.0	136	180.2
23240	-0.3	114.2	138	179.4
23250	-1.6	112.4	140	178.1
23260	-2.8	110.7	142	176.7
23270	-3.0	108.9	144	174.6
23280	-1.6	107.2	145	173.0
23290	-1.1	105.5	147	172.2
23300	-1.9	103.7	149	170.6
23310	-3.3	102.0	150	169.0
23320	-3.4	100.4	152	167.1
23330	-3.4	98.7	154	165.3
23340	-2.7	97.1	155	163.4
23350	-2.6	95.4	157	162.1
23360	-3.0	93.8	159	160.5
23370	-3.9	92.2	160	158.6
23380	-4.5	90.7	162	156.5
23390	-4.6	89.1	163	154.6
23400	-5.0	87.6	165	152.5
23410	-5.4	86.1	166	150.1
23420	-5.7	84.6	168	147.2
23430	-0.3	83.3	169	132.3
23440	2.6	82.1	170	104.8
23450	9.8	81.0	171	103.2
23460	20.9	80.1	172	82.2
23470	20.9	79.3	173	80.9
23480	11.8	78.5	174	70.5
23490	0.9	77.9	175	67.3
23500	0.0	77.3	175	53.5
23510	-0.5	76.8	176	46.8
23520	-8.7	76.4	176	40.4
23530	-15.7	76.1	176	30.6
23540	-17.0	75.8	177	29.2
23550	-15.2	75.5	177	22.0
23560	-12.3	75.3	177	22.8
23570	-11.5	75.1	177	17.3
23580	-13.0	75.0	177	12.7
23590	-15.6	74.8	178	10.9
23600	-18.0	74.8	178	5.3
23610	-19.9	74.8	178	-0.2
23620	-23.1	74.8	178	-1.8
23630	-24.8	74.9	178	-7.9
23640	-25.5	75.0	177	-13.5
23650	-25.6	75.2	177	-19.7
23660	-25.8	75.5	177	-26.0
23670	-25.8	75.8	177	-39.4
23680	-25.1	76.2	176	-47.3
23690	-24.1	76.7	176	-50.0
23700	-23.3	77.2	175	-50.8

23710	-23.3	77.9	175	-68.9
23720	-24.3	78.5	174	-68.6
23730	-25.2	79.3	173	-67.6
23740	-25.5	80.1	172	-74.2
23750	-24.7	80.9	172	-79.8
23760	-23.3	81.9	171	-85.7
23770	-21.8	82.9	170	-91.3
23780	-20.9	83.9	169	-96.3
23790	-20.7	85.0	167	-101.4
23800	-21.4	86.3	166	-117.9
23810	-22.4	87.5	165	-123.7
23820	-22.9	88.8	164	-129.6
23830	-22.8	90.1	162	-135.7
23840	-21.4	91.5	161	-141.6
23850	-19.9	93.0	159	-147.4
23860	-18.0	94.5	158	-152.5
23870	-17.6	96.0	156	-157.3
23880	-17.1	97.7	155	-161.8
23890	-15.9	99.3	153	-166.1
23900	-15.1	101.0	151	-169.8
23910	-14.6	102.7	150	-173.3
23920	-15.1	104.5	148	-177.0
23930	-16.7	106.3	146	-180.2
23940	-17.4	108.1	144	-184.2
23950	-16.0	110.0	142	-188.7
23960	-13.2	111.9	141	-192.4
23970	-11.1	113.8	139	-195.1
23980	-10.6	115.8	137	-197.5
23990	-10.7	117.8	135	-199.9
24000	-10.7	119.8	133	-201.7
24010	-10.7	121.9	131	-204.1
24020	-11.7	123.9	129	-206.3
24030	-12.7	126.0	126	-209.2
24040	-12.7	128.1	124	-212.1
24050	-11.4	130.3	122	-214.8
24060	-10.3	132.4	120	-216.9
24070	-10.0	134.6	118	-219.1
24080	-9.5	136.8	116	-221.2
24090	-9.1	139.0	113	-222.8
24100	-9.5	141.3	111	-224.4
24110	-11.3	143.5	109	-226.0
24120	-12.2	145.8	107	-228.1
24130	-11.3	148.1	104	-230.8
24140	-10.3	150.4	102	-232.9
24150	-9.6	152.8	100	-234.8
24160	-9.4	155.1	97	-236.6
24170	-7.2	157.5	95	-238.0
24180	-6.9	159.9	93	-238.8
24190	-8.8	162.3	90	-239.8
24200	-10.6	164.7	88	-241.7
24210	-10.7	167.1	85	-243.0
24220	-10.3	169.6	83	-245.1
24230	-9.6	172.1	80	-247.0
24240	-8.4	174.5	78	-248.6

24250	-8.1	177.0	75	-249.7
24260	-8.7	179.5	73	-251.0
24270	-9.4	182.1	70	-252.3
24280	-9.2	184.6	68	-253.7
24290	-9.2	187.1	65	-255.0
24300	-7.9	189.7	63	-256.3
24310	-5.7	192.3	60	-257.4
24320	-5.0	194.9	58	-257.9
24330	-5.8	197.4	55	-258.5
24340	-6.9	200.0	52	-258.7
24350	-7.1	202.6	50	-259.3
24360	-6.5	205.2	47	-260.6
24370	-4.3	207.8	45	-261.1
24380	-2.8	210.4	42	-260.8
24390	-2.7	213.1	39	-260.8
24400	-2.7	215.7	37	-260.3
24410	-2.7	218.3	34	-260.0
24420	-2.7	220.9	32	-259.3
24430	-2.6	223.4	29	-259.0
24440	-2.4	226.0	26	-258.2
24450	0.0	228.6	24	-257.7
24460	4.7	231.2	21	-255.5
24470	6.5	233.7	19	-252.9
24480	4.9	236.2	16	-249.7
24490	2.0	238.7	14	-247.3
24500	0.3	241.2	11	-245.7
24510	1.2	243.6	9	-244.1
24520	3.5	246.0	6	-242.5
24530	5.7	248.4	4	-240.1
24540	6.0	250.8	2	-236.9
24550	5.2	253.2	-1	-234.0
24560	4.2	255.5	-3	-231.3
24570	3.7	257.8	-5	-228.9
24580	4.3	260.1	-8	-227.0
24590	3.0	262.2	-10	-193.8
24600	-3.8	264.0	-12	-177.3
24610	-26.6	265.6	-13	-130.9
24620	-54.0	266.8	-14	-121.6
24630	-59.9	267.9	-15	-100.0
24640	-45.0	268.8	-16	-88.1
24650	-25.4	269.4	-17	-63.8
24660	-2.8	270.0	-18	-55.1
24670	0.5	270.4	-18	-40.1
24680	3.4	270.7	-18	-32.7
24690	13.3	271.0	-19	-22.8
24700	17.1	271.2	-19	-19.1
24710	17.1	271.4	-19	-12.7
24720	17.1	271.5	-19	-9.3
24730	17.4	271.5	-19	-3.7
24740	18.0	271.5	-19	0.7
24750	19.7	271.5	-19	2.6
24760	19.5	271.4	-19	7.7
24770	17.1	271.3	-19	11.4
24780	14.8	271.2	-19	15.7

24790	14.6	271.0	-19	23.6
24800	17.5	270.7	-18	27.6
24810	21.7	270.4	-18	33.2
24820	24.8	270.1	-18	40.1
24830	25.9	269.7	-17	43.1
24840	25.2	269.2	-17	50.0
24850	23.5	268.6	-16	51.1
24860	21.8	268.0	-16	69.2
24870	21.4	267.4	-15	68.6
24880	21.6	266.6	-14	67.0
24890	21.7	265.8	-13	72.4
24900	21.8	265.0	-13	77.2
24910	21.3	264.0	-12	100.8
24920	20.2	263.1	-11	105.4
24930	19.3	262.1	-10	112.6
24940	19.0	261.0	-9	117.9
24950	18.8	259.9	-7	123.5
24960	18.6	258.7	-6	117.1
24970	18.2	257.5	-5	122.1
24980	17.6	256.3	-4	126.9
24990	17.4	255.0	-3	131.5
25000	16.8	253.6	-1	136.0
25010	15.3	252.2	0	140.2
25020	15.5	250.8	2	144.2
25030	15.5	249.3	3	148.2
25040	14.4	247.8	5	152.0
25050	13.3	246.3	6	155.4
25060	12.6	244.7	8	158.9
25070	12.3	243.1	9	161.8
25080	12.3	241.4	11	165.0
25090	12.3	239.8	13	167.7
25100	11.8	238.1	14	170.6
25110	11.4	236.3	16	173.3
25120	10.6	234.6	18	175.9
25130	10.2	232.8	20	178.1
25140	10.3	231.0	21	180.2
25150	9.8	229.2	23	182.3
25160	9.5	227.4	25	184.4
25170	9.2	225.5	27	186.3
25180	9.1	223.6	29	188.2
25190	9.2	221.7	31	189.8
25200	9.1	219.8	33	191.4
25210	8.5	217.9	35	193.2
25220	7.1	215.9	37	194.8
25230	6.6	214.0	38	195.9
25240	6.6	212.0	40	196.7
25250	6.6	210.0	42	197.8
25260	7.1	208.1	44	199.1
25270	7.6	206.1	46	200.1
25280	7.7	204.0	48	201.5
25290	7.2	202.0	50	202.8
25300	6.1	200.0	52	204.1
25310	4.2	197.9	55	204.9
25320	3.5	195.9	57	205.2

25330	3.3	193.8	59	204.9
25340	3.1	191.8	61	205.2
25350	3.1	189.7	63	205.2
25360	3.9	187.7	65	205.2
25370	6.0	185.6	67	205.5
25380	7.6	183.6	69	206.0
25390	6.6	181.5	71	207.3
25400	3.4	179.4	73	208.1
25410	2.3	177.3	75	208.4
25420	2.2	175.2	77	207.9
25430	2.3	173.2	79	207.3
25440	2.4	171.1	81	207.1
25450	2.4	169.0	83	207.1
25460	2.6	167.0	85	206.5
25470	2.7	164.9	88	206.3
25480	2.8	162.8	90	206.3
25490	3.1	160.8	92	206.0
25500	3.7	158.7	94	206.0
25510	4.2	156.7	96	206.3
25520	4.6	154.6	98	206.3
25530	4.5	152.5	100	206.5
25540	4.3	150.4	102	207.3
25550	3.9	148.4	104	207.3
25560	3.5	146.3	106	207.6
25570	3.4	144.2	108	207.6
25580	4.1	142.1	110	207.9
25590	5.0	140.1	112	207.9
25600	5.7	138.0	114	208.7
25610	5.4	135.9	117	208.9
25620	4.7	133.8	119	209.7
25630	3.9	131.7	121	210.0
25640	3.7	129.6	123	210.0
25650	3.9	127.5	125	210.5
25660	4.1	125.4	127	210.5
25670	4.3	123.3	129	210.5
25680	4.1	121.2	131	211.1
25690	3.3	119.1	133	211.1
25700	3.0	117.0	135	211.3
25710	3.0	114.8	138	211.3
25720	3.3	112.7	140	211.3
25730	3.3	110.6	142	210.8
25740	3.0	108.5	144	210.8
25750	2.7	106.4	146	210.8
25760	2.4	104.3	148	210.5
25770	2.3	102.2	150	210.5
25780	2.2	100.1	152	210.0
25790	2.0	98.0	154	209.7
25800	2.0	95.9	157	209.5
25810	1.1	93.8	159	208.9
25820	-2.8	91.7	161	207.6
25830	-5.7	89.7	163	205.5
25840	-4.7	87.6	165	202.5
25850	-2.4	85.6	167	200.7
25860	1.8	83.7	169	211.1

25870	4.2	82.0	170	162.3
25880	25.1	80.5	172	150.9
25890	42.6	79.4	173	116.8
25900	41.1	78.4	174	98.2
25910	25.6	77.5	175	81.4
25920	7.2	76.8	176	66.2
25930	-0.5	76.2	176	59.6
25940	-8.5	75.8	177	45.2
25950	-22.5	75.4	177	35.9
25960	-27.4	75.1	177	30.8
25970	-27.3	74.9	178	18.3
25980	-24.0	74.7	178	14.3
25990	-20.5	74.6	178	6.9
26000	-20.6	74.6	178	0.5
26010	-25.2	74.6	178	-1.8
26020	-31.1	74.7	178	-9.5
26030	-35.4	74.8	178	-18.6
26040	-36.5	75.1	177	-29.0
26050	-35.3	75.4	177	-40.1
26060	-34.3	75.8	177	-45.7
26070	-35.9	76.4	176	-49.7
26080	-38.5	77.0	175	-72.1
26090	-40.0	77.7	175	-75.8
26100	-40.0	78.6	174	-77.7
26110	-37.2	79.6	173	-107.2
26120	-33.0	80.6	172	-117.9
26130	-29.6	81.7	171	-127.2
26140	-28.6	83.0	169	-136.3
26150	-30.4	84.3	168	-144.2
26160	-32.4	85.6	167	-153.3
26170	-33.4	87.1	165	-148.2
26180	-32.8	88.7	164	-157.6
26190	-30.8	90.3	162	-166.3
26200	-27.9	92.0	160	-174.6
26210	-25.1	93.8	159	-182.0
26220	-23.1	95.7	157	-188.2
26230	-21.4	97.6	155	-194.3
26240	-19.0	99.6	153	-199.4
26250	-17.0	101.6	151	-204.1
26260	-15.3	103.7	149	-208.1
26270	-15.7	105.8	147	-211.6
26280	-17.5	108.0	144	-215.6
26290	-17.6	110.2	142	-219.9
26300	-15.3	112.4	140	-223.8
26310	-12.6	114.6	138	-227.3
26320	-10.0	116.9	136	-229.7
26330	-8.7	119.3	133	-231.8
26340	-7.9	121.6	131	-233.2
26350	-8.8	123.9	129	-234.5
26360	-11.1	126.3	126	-236.4
26370	-12.3	128.7	124	-238.5
26380	-11.8	131.1	121	-240.6
26390	-11.1	133.5	119	-242.7
26400	-9.8	135.9	117	-244.9

26410	-7.6	138.4	114	-246.2
26420	-6.5	140.9	112	-247.3
26430	-7.5	143.3	109	-248.3
26440	-8.8	145.8	107	-249.1
26450	-9.2	148.3	104	-250.5
26460	-9.4	150.8	102	-252.1
26470	-9.4	153.4	99	-253.7
26480	-7.9	155.9	97	-255.0
26490	-5.8	158.5	94	-256.1
26500	-6.0	161.1	91	-256.9
26510	-7.1	163.6	89	-257.7
26520	-7.7	166.2	86	-258.5
26530	-8.1	168.8	84	-259.8
26540	-8.3	171.4	81	-260.6
26550	-7.7	174.0	78	-261.6
26560	-7.5	176.6	76	-263.2
26570	-7.2	179.3	73	-264.0
26580	-7.3	181.9	71	-264.8
26590	-7.5	184.6	68	-265.4
26600	-7.7	187.2	65	-266.7
26610	-6.9	189.9	63	-267.8
26620	-5.6	192.6	60	-268.0
26630	-5.0	195.3	57	-268.6
26640	-6.0	198.0	54	-268.8
26650	-6.9	200.7	52	-269.6
26660	-6.9	203.4	49	-270.2
26670	-6.8	206.1	46	-270.4
26680	-5.0	208.8	44	-271.2
26690	-2.8	211.5	41	-271.5
26700	-2.8	214.2	38	-271.0
26710	-2.7	216.9	36	-270.4
26720	-2.8	219.6	33	-269.9
26730	-2.6	222.3	30	-269.6
26740	-2.6	225.0	27	-269.1
26750	-1.8	227.7	25	-268.0
26760	2.0	230.4	22	-267.0
26770	5.3	233.0	19	-264.8
26780	4.7	235.6	17	-262.2
26790	1.6	238.2	14	-259.5
26800	-0.8	240.8	12	-257.9
26810	-0.5	243.4	9	-257.1
26820	1.8	246.0	6	-255.8
26830	4.7	248.5	4	-253.7
26840	6.5	251.0	1	-251.0
26850	8.0	253.5	-1	-247.5
26860	8.3	256.0	-4	-243.8
26870	8.0	258.4	-6	-240.6
26880	8.5	260.6	-8	-212.9
26890	1.6	262.8	-10	-190.3
26900	-4.5	264.7	-12	-172.5
26910	-27.9	266.2	-14	-154.4
26920	-49.9	267.4	-15	-116.3
26930	-51.0	268.4	-16	-94.2
26940	-32.7	269.2	-17	-74.8

26950	-9.9	269.8	-17	-52.1
26960	1.1	270.3	-18	-45.2
26970	3.0	270.6	-18	-32.7
26980	17.9	271.0	-19	-27.9
26990	27.4	271.2	-19	-17.5
27000	27.9	271.3	-19	-11.9
27010	22.8	271.4	-19	-3.9
27020	18.2	271.4	-19	0.7
27030	20.6	271.4	-19	2.1
27040	23.3	271.3	-19	9.0
27050	24.1	271.2	-19	15.4
27060	21.4	271.0	-19	22.6
27070	17.9	270.7	-18	26.0
27080	16.1	270.4	-18	27.9
27090	17.6	270.1	-18	32.2
27100	22.0	269.7	-17	36.7
27110	27.0	269.3	-17	42.3
27120	29.4	268.7	-16	48.7
27130	27.9	268.1	-16	68.1
27140	24.4	267.5	-15	69.2
27150	20.6	266.7	-14	67.8
27160	19.0	265.9	-13	89.4
27170	20.3	265.0	-13	94.5
27180	22.2	264.2	-12	91.3
27190	23.3	263.2	-11	97.4
27200	22.4	262.2	-10	92.9
27210	20.1	261.1	-9	99.8
27220	17.5	259.9	-7	114.4
27230	16.8	258.8	-6	119.0
27240	17.9	257.5	-5	123.5
27250	19.4	256.3	-4	128.3
27260	20.5	254.9	-2	133.6
27270	19.7	253.6	-1	138.7
27280	17.8	252.1	0	144.0
27290	16.0	250.7	2	148.5
27300	15.1	249.1	3	152.5
27310	14.5	247.6	5	156.2
27320	15.1	246.0	6	159.7
27330	15.5	244.4	8	163.7
27340	15.6	242.7	10	167.4
27350	15.1	241.0	11	171.4
27360	13.8	239.3	13	174.9
27370	11.9	237.5	15	178.1
27380	11.5	235.7	17	181.0
27390	11.1	233.9	19	183.6
27400	11.8	232.0	20	186.0
27410	11.9	230.1	22	189.0
27420	11.1	228.2	24	191.4
27430	10.2	226.3	26	193.8
27440	10.2	224.3	28	195.9
27450	10.0	222.3	30	198.3
27460	9.5	220.3	32	200.1
27470	8.9	218.3	34	202.0
27480	8.5	216.3	36	203.6

27490	8.8	214.3	38	205.2
27500	9.1	212.2	40	207.1
27510	8.1	210.1	42	208.7
27520	7.3	208.0	44	210.3
27530	7.3	205.9	47	211.3
27540	8.1	203.8	49	212.9
27550	8.3	201.6	51	214.3
27560	7.3	199.5	53	215.6
27570	5.6	197.3	55	216.7
27580	5.2	195.1	57	216.9
27590	4.7	193.0	59	217.5
27600	4.6	190.8	62	218.0
27610	3.7	188.6	64	218.3
27620	3.5	186.4	66	218.3
27630	4.5	184.2	68	218.3
27640	5.6	182.0	70	218.8
27650	5.3	179.9	73	219.3
27660	4.5	177.7	75	219.9
27670	3.7	175.5	77	219.9
27680	2.7	173.3	79	219.9
27690	2.6	171.1	81	219.9
27700	2.6	168.9	84	219.6
27710	2.6	166.7	86	219.6
27720	2.8	164.5	88	219.1
27730	2.8	162.3	90	219.1
27740	3.3	160.1	92	218.8
27750	3.3	157.9	95	218.5
27760	3.1	155.7	97	218.8
27770	2.8	153.5	99	218.3
27780	2.7	151.4	101	218.0
27790	2.8	149.2	103	218.0
27800	3.0	147.0	105	217.7
27810	3.0	144.8	108	217.7
27820	3.0	142.6	110	217.5
27830	3.0	140.5	112	217.5
27840	3.0	138.3	114	217.2
27850	3.0	136.1	116	216.9
27860	3.0	134.0	118	216.9
27870	2.7	131.8	121	216.7
27880	2.7	129.6	123	216.7
27890	2.6	127.5	125	216.4
27900	2.4	125.3	127	216.1
27910	2.3	123.1	129	215.6
27920	2.2	121.0	131	215.3
27930	2.2	118.8	134	214.8
27940	2.2	116.7	136	214.8
27950	2.0	114.5	138	214.3
27960	1.5	112.4	140	214.0
27970	-1.6	110.3	142	212.9
27980	-4.3	108.1	144	211.1
27990	-3.1	106.1	146	208.9
28000	-0.5	104.0	148	207.1
28010	1.1	101.9	151	206.0
28020	1.6	99.9	153	205.5

28030	0.9	97.8	155	204.7
28040	-0.3	95.8	157	203.9
28050	-1.9	93.7	159	202.5
28060	-2.7	91.7	161	200.9
28070	-2.3	89.7	163	199.1
28080	-2.2	87.8	165	197.2
28090	-3.7	85.8	167	195.6
28100	-3.9	84.0	168	170.1
28110	2.7	82.2	170	177.3
28120	14.5	80.9	172	136.8
28130	33.0	79.6	173	116.6
28140	37.3	78.6	174	88.3
28150	25.0	77.7	175	82.7
28160	8.8	77.0	175	68.1
28170	-0.1	76.4	176	56.4
28180	-6.0	75.9	177	47.1
28190	-19.8	75.5	177	41.5
28200	-24.7	75.2	177	30.0
28210	-24.7	75.0	177	25.5
28220	-22.0	74.8	178	16.5
28230	-19.4	74.7	178	9.8
28240	-20.7	74.6	178	4.2
28250	-24.7	74.6	178	-1.3
28260	-28.6	74.6	178	-5.0
28270	-32.8	74.7	178	-12.2
28280	-36.1	74.9	178	-21.2
28290	-36.7	75.2	177	-34.6
28300	-36.9	75.6	177	-41.5
28310	-38.0	76.1	176	-46.3
28320	-39.6	76.7	176	-68.1
28330	-41.1	77.4	175	-72.9
28340	-41.9	78.2	174	-75.6
28350	-40.1	79.1	173	-85.7
28360	-36.5	80.2	172	-116.6
28370	-32.7	81.3	171	-126.9
28380	-30.9	82.5	170	-134.9
28390	-32.3	83.9	169	-145.6
28400	-35.3	85.2	167	-155.4
28410	-37.4	86.7	166	-150.6
28420	-37.4	88.3	164	-161.5
28430	-35.1	90.0	162	-171.7
28440	-31.3	91.8	161	-181.0
28450	-28.3	93.7	159	-189.5
28460	-27.8	95.6	157	-196.7
28470	-28.7	97.6	155	-204.1
28480	-28.6	99.7	153	-211.6
28490	-27.1	101.9	151	-219.1
28500	-24.3	104.2	148	-226.0
28510	-22.6	106.5	146	-231.8
28520	-22.6	108.8	144	-237.4
28530	-21.6	111.2	141	-243.3
28540	-20.1	113.7	139	-248.1
28550	-17.8	116.2	136	-252.9
28560	-15.1	118.8	134	-256.6

28570	-12.3	121.4	131	-259.8
28580	-11.7	124.0	128	-261.6
28590	-13.6	126.6	126	-264.3
28600	-15.1	129.3	123	-267.2
28610	-14.6	132.0	120	-269.9
28620	-14.1	134.7	118	-273.1
28630	-11.8	137.5	115	-275.2
28640	-9.4	140.2	112	-277.4
28650	-9.2	143.0	109	-279.0
28660	-10.0	145.8	107	-280.3
28670	-10.3	148.6	104	-281.6
28680	-10.7	151.5	101	-283.2
28690	-11.0	154.3	98	-285.3
28700	-9.1	157.2	95	-287.2
28710	-7.2	160.1	92	-288.3
28720	-7.6	162.9	90	-289.3
28730	-7.9	165.8	87	-290.1
28740	-8.4	168.8	84	-291.5
28750	-9.4	171.7	81	-291.2
28760	-9.6	174.6	78	-291.2
28770	-9.5	177.5	75	-291.2
28780	-9.2	180.4	72	-291.5
28790	-8.9	183.3	69	-291.2
28800	-8.7	186.2	66	-290.9
28810	-8.1	189.1	63	-291.2
28820	-6.2	192.1	60	-290.9
28830	-5.3	195.0	57	-290.9
28840	-5.2	197.9	55	-290.9
28850	-5.2	200.8	52	-290.9
28860	-5.2	203.7	49	-290.7
28870	-4.5	206.6	46	-290.9
28880	-3.4	209.5	43	-290.7
28890	-2.8	212.4	40	-290.4
28900	-3.0	215.3	37	-289.6
28910	-2.8	218.2	34	-289.3
28920	-2.8	221.1	31	-288.5
28930	-2.6	224.0	28	-288.0
28940	-1.5	226.9	26	-287.2
28950	3.0	229.7	23	-285.9
28960	5.8	232.6	20	-283.5
28970	5.2	235.4	17	-280.5
28980	2.3	238.2	14	-277.6
28990	0.4	240.9	12	-275.5
29000	1.2	243.7	9	-273.9
29010	3.3	246.4	6	-272.0
29020	6.1	249.1	3	-269.4
29030	7.7	251.8	1	-266.4
29040	9.2	254.4	-2	-262.4
29050	9.8	257.0	-5	-258.5
29060	9.6	259.5	-7	-254.5
29070	8.3	262.0	-10	-270.7
29080	-3.9	264.0	-12	-201.7
29090	-32.1	265.8	-13	-161.8
29100	-59.8	267.1	-15	-117.6

29110	-65.5	268.3	-16	-105.9
29120	-50.3	269.2	-17	-83.0
29130	-23.2	269.8	-17	-57.2
29140	0.9	270.4	-18	-48.4
29150	3.5	270.8	-18	-34.0
29160	17.4	271.1	-19	-29.2
29170	27.5	271.3	-19	-18.1
29180	29.3	271.4	-19	-11.7
29190	22.6	271.5	-19	-3.1
29200	15.1	271.5	-19	0.7
29210	14.6	271.5	-19	2.1
29220	17.2	271.4	-19	6.6
29230	21.6	271.3	-19	10.6
29240	23.7	271.1	-19	16.5
29250	22.0	270.9	-18	22.0
29260	17.6	270.6	-18	33.2
29270	15.6	270.3	-18	35.4
29280	17.6	269.9	-17	35.6
29290	22.4	269.5	-17	40.9
29300	27.3	269.0	-17	46.0
29310	28.9	268.4	-16	52.7
29320	26.7	267.7	-15	72.6
29330	23.1	267.1	-15	73.2
29340	19.1	266.3	-14	71.3
29350	18.2	265.4	-13	92.9
29360	20.3	264.5	-12	97.9
29370	22.8	263.6	-11	104.0
29380	23.7	262.6	-10	110.4
29390	23.2	261.6	-9	117.4
29400	20.9	260.4	-8	124.0
29410	18.4	259.3	-7	117.9
29420	17.4	258.1	-6	122.9
29430	17.5	256.8	-4	127.5
29440	18.8	255.5	-3	132.3
29450	20.3	254.1	-2	137.6
29460	19.7	252.7	0	142.6
29470	18.3	251.2	1	148.0
29480	16.8	249.7	3	152.5
29490	15.7	248.2	4	156.8
29500	15.1	246.6	6	161.0
29510	15.2	244.9	8	164.7
29520	15.5	243.3	9	168.2
29530	15.3	241.5	11	172.2
29540	14.8	239.8	13	175.7
29550	13.4	238.0	14	178.9
29560	12.2	236.2	16	182.3
29570	11.4	234.4	18	184.7
29580	11.1	232.5	20	187.4
29590	11.4	230.6	22	189.8
29600	11.0	228.7	24	192.4
29610	10.6	226.7	26	194.6
29620	10.3	224.8	28	196.7
29630	9.6	222.8	30	198.8
29640	8.5	220.8	32	200.4

29650	8.3	218.8	34	202.3
29660	8.4	216.7	36	203.9
29670	8.8	214.7	38	204.9
29680	8.9	212.6	40	206.8
29690	7.9	210.5	42	208.4
29700	6.5	208.4	44	209.7
29710	5.8	206.3	46	210.8
29720	5.4	204.2	48	211.3
29730	5.2	202.1	50	212.1
29740	4.5	200.0	52	212.4
29750	3.5	197.9	55	212.9
29760	3.4	195.7	57	212.7
29770	3.9	193.6	59	212.7
29780	4.5	191.5	61	212.9
29790	4.3	189.3	63	213.2
29800	4.3	187.2	65	213.5
29810	3.7	185.1	67	213.5
29820	3.0	182.9	70	213.7
29830	2.4	180.8	72	214.0
29840	2.3	178.7	74	213.2
29850	2.3	176.5	76	213.2
29860	2.2	174.4	78	212.7
29870	2.3	172.3	80	212.4
29880	2.2	170.1	82	212.1
29890	2.0	168.0	84	211.6
29900	2.0	165.9	87	211.3
29910	1.1	163.8	89	210.8
29920	-1.5	161.7	91	209.7
29930	-2.8	159.6	93	208.1
29940	-1.6	157.6	95	206.5
29950	0.9	155.5	97	205.2
29960	2.6	153.4	99	204.7
29970	2.3	151.4	101	204.7
29980	2.4	149.4	103	204.1
29990	2.3	147.3	105	204.1
30000	2.3	145.3	107	203.6
30010	2.3	143.2	109	203.3
30020	2.3	141.2	111	203.1
30030	2.3	139.2	113	202.8
30040	2.3	137.1	115	202.8
30050	2.4	135.1	117	202.3
30060	2.4	133.1	119	202.0
30070	2.4	131.1	121	202.0
30080	2.6	129.1	123	201.7
30090	2.6	127.0	125	201.5
30100	2.7	125.0	127	201.2
30110	3.0	123.0	129	200.9
30120	2.6	121.0	131	200.9
30130	2.3	119.0	133	200.7
30140	2.2	117.0	135	200.7
30150	2.2	115.0	137	200.4
30160	2.0	113.0	139	199.9
30170	2.0	111.0	141	199.6
30180	1.9	109.0	143	199.4

30190	1.8	107.0	145	198.8
30200	-0.3	105.0	147	198.3
30210	-4.1	103.1	149	197.0
30220	-4.7	101.1	151	194.6
30230	-1.9	99.2	153	192.2
30240	0.9	97.3	155	191.4
30250	1.2	95.3	157	190.8
30260	-1.1	93.4	159	189.8
30270	-4.5	91.6	161	188.4
30280	-6.0	89.7	163	186.0
30290	-5.6	87.9	165	183.1
30300	-4.7	86.0	166	180.7
30310	-4.6	84.3	168	193.8
30320	2.8	82.7	170	154.4
30330	5.0	81.4	171	118.7
30340	17.5	80.2	172	114.2
30350	24.5	79.2	173	98.2
30360	16.1	78.2	174	83.3
30370	2.8	77.5	175	70.8
30380	-0.7	76.9	176	59.3
30390	-6.6	76.4	176	50.3
30400	-19.1	76.0	176	41.2
30410	-23.1	75.6	177	30.6
30420	-22.0	75.3	177	27.4
30430	-17.8	75.1	177	19.4
30440	-13.3	74.9	178	18.6
30450	-13.7	74.8	178	13.5
30460	-16.7	74.7	178	8.5
30470	-20.1	74.6	178	4.2
30480	-23.2	74.6	178	-1.3
30490	-25.4	74.6	178	-4.5
30500	-26.4	74.7	178	-11.1
30510	-27.7	74.9	178	-16.7
30520	-30.4	75.1	177	-23.6
30530	-33.9	75.5	177	-38.3
30540	-36.3	75.9	177	-43.9
30550	-37.4	76.4	176	-48.4
30560	-35.3	77.0	175	-57.7
30570	-31.3	77.7	175	-66.5
30580	-28.2	78.5	174	-89.9
30590	-27.7	79.4	173	-98.5
30600	-29.3	80.3	172	-87.0
30610	-31.6	81.4	171	-114.7
30620	-32.3	82.5	170	-124.3
30630	-31.2	83.7	169	-133.3
30640	-29.2	85.0	167	-142.6
30650	-27.3	86.3	166	-137.3
30660	-25.8	87.8	165	-145.0
30670	-25.4	89.3	163	-151.7
30680	-24.7	90.8	162	-158.6
30690	-24.1	92.5	160	-164.7
30700	-23.2	94.2	158	-171.1
30710	-22.9	95.9	157	-177.3
30720	-23.5	97.7	155	-182.8

30730	-22.9	99.6	153	-189.2
30740	-21.4	101.6	151	-195.1
30750	-18.6	103.5	149	-200.1
30760	-16.7	105.6	147	-204.4
30770	-16.3	107.7	145	-208.9
30780	-15.7	109.8	143	-212.4
30790	-15.3	111.9	141	-216.1
30800	-15.5	114.1	138	-219.3
30810	-15.7	116.3	136	-223.3
30820	-15.1	118.6	134	-226.8
30830	-13.4	120.9	132	-230.5
30840	-12.5	123.2	129	-232.9
30850	-12.9	125.6	127	-235.6
30860	-13.2	127.9	125	-238.0
30870	-12.2	130.3	122	-240.6
30880	-11.7	132.8	120	-243.0
30890	-11.7	135.2	117	-245.1
30900	-11.3	137.7	115	-247.5
30910	-10.7	140.2	112	-249.7
30920	-11.4	142.7	110	-251.5
30930	-12.7	145.2	107	-253.9
30940	-11.9	147.8	105	-256.9
30950	-11.5	150.4	102	-259.0
30960	-11.3	153.0	99	-261.1
30970	-10.6	155.6	97	-263.5
30980	-9.1	158.2	94	-265.4
30990	-9.6	160.9	92	-267.2
31000	-11.4	163.6	89	-268.8
31010	-12.6	166.3	86	-271.0
31020	-12.9	169.0	83	-273.6
31030	-12.7	171.8	81	-276.3
31040	-11.9	174.6	78	-278.7
31050	-11.1	177.4	75	-280.5
31060	-11.1	180.2	72	-282.7
31070	-11.9	183.0	69	-284.3
31080	-12.2	185.9	67	-286.4
31090	-11.9	188.8	64	-288.5
31100	-9.9	191.7	61	-290.1
31110	-8.3	194.6	58	-291.2
31120	-9.1	197.5	55	-291.5
31130	-10.4	200.4	52	-291.5
31140	-11.1	203.3	49	-291.2
31150	-11.0	206.2	46	-291.7
31160	-8.9	209.1	43	-291.5
31170	-5.6	212.1	40	-290.9
31180	-4.5	215.0	37	-290.7
31190	-4.2	217.9	35	-290.4
31200	-4.1	220.8	32	-290.1
31210	-4.2	223.7	29	-290.1
31220	-3.8	226.6	26	-289.9
31230	-3.0	229.5	23	-289.3
31240	-3.0	232.4	20	-289.6
31250	-2.8	235.3	17	-289.1
31260	-2.6	238.2	14	-288.3

31270	-0.7	241.0	11	-287.5
31280	6.2	243.9	9	-285.3
31290	10.4	246.7	6	-281.6
31300	9.4	249.5	3	-276.8
31310	4.6	252.2	0	-273.1
31320	1.8	255.0	-3	-271.0
31330	1.8	257.7	-5	-268.8
31340	4.3	260.3	-8	-266.7
31350	2.2	262.8	-10	-248.6
31360	-5.0	264.8	-12	-174.9
31370	-35.8	266.5	-14	-155.2
31380	-65.1	267.8	-15	-124.8
31390	-66.3	268.9	-16	-107.2
31400	-46.0	269.7	-17	-75.3
31410	-15.5	270.3	-18	-56.4
31420	1.5	270.7	-18	-37.5
31430	14.6	271.1	-19	-31.4
31440	29.2	271.3	-19	-19.4
31450	34.0	271.5	-19	-13.0
31460	26.7	271.5	-19	-3.7
31470	17.2	271.5	-19	1.8
31480	14.2	271.5	-19	2.6
31490	16.4	271.4	-19	7.4
31500	20.6	271.3	-19	10.6
31510	23.7	271.2	-19	16.2
31520	22.8	271.0	-19	25.2
31530	18.7	270.7	-18	28.7
31540	15.3	270.4	-18	30.3
31550	15.9	270.0	-18	41.5
31560	20.5	269.6	-17	45.7
31570	26.4	269.1	-17	52.7
31580	29.6	268.6	-16	59.9
31590	28.6	268.0	-16	62.8
31600	24.4	267.3	-15	63.3
31610	19.1	266.5	-14	84.6
31620	17.4	265.8	-13	81.7
31630	19.5	264.9	-12	77.7
31640	23.2	264.0	-12	82.5
31650	25.9	263.0	-11	107.5
31660	25.6	262.0	-10	115.0
31670	22.5	260.9	-8	122.1
31680	18.8	259.7	-7	117.1
31690	16.8	258.5	-6	122.1
31700	17.1	257.3	-5	126.7
31710	18.6	255.9	-3	131.2
31720	20.5	254.6	-2	136.3
31730	20.1	253.2	-1	141.6
31740	18.0	251.7	1	146.9
31750	16.5	250.2	2	151.4
31760	15.3	248.7	4	155.4
31770	14.6	247.1	5	159.4
31780	14.5	245.5	7	163.1
31790	14.6	243.8	9	166.6
31800	14.6	242.1	10	169.8

31810	14.0	240.4	12	173.3
31820	13.0	238.7	14	176.5
31830	11.9	236.9	16	179.7
31840	11.3	235.0	17	182.0
31850	11.0	233.2	19	184.7
31860	11.5	231.3	21	187.1
31870	11.7	229.4	23	189.5
31880	11.1	227.5	25	191.9
31890	10.3	225.6	27	194.6
31900	9.4	223.6	29	196.4
31910	8.7	221.7	31	198.0
31920	8.1	219.7	33	199.9
31930	7.9	217.7	35	201.2
31940	7.9	215.6	37	202.8
31950	8.8	213.6	39	204.1
31960	9.1	211.5	41	206.0
31970	8.9	209.5	43	207.6
31980	8.4	207.4	45	209.5
31990	7.6	205.3	47	210.5
32000	6.2	203.2	49	211.9
32010	3.9	201.0	51	212.9
32020	2.2	198.9	54	212.9
32030	2.3	196.8	56	212.4
32040	2.6	194.6	58	212.1
32050	3.4	192.5	60	211.9
32060	7.1	190.4	62	212.4
32070	10.4	188.3	64	213.2
32080	9.1	186.1	66	215.1
32090	4.1	184.0	68	216.4
32100	2.2	181.8	71	216.7
32110	2.3	179.6	73	216.4
32120	2.3	177.5	75	216.1
32130	2.3	175.3	77	215.6
32140	2.3	173.2	79	215.3
32150	2.3	171.0	81	214.8
32160	2.3	168.9	84	214.8
32170	2.2	166.7	86	214.5
32180	2.2	164.6	88	213.7
32190	2.0	162.4	90	213.7
32200	2.2	160.3	92	212.9
32210	1.9	158.2	94	212.7
32220	1.6	156.1	96	212.1
32230	1.6	153.9	99	211.6
32240	1.9	151.8	101	211.1
32250	2.0	149.7	103	210.8
32260	2.0	147.6	105	210.3
32270	2.2	145.5	107	210.0
32280	2.3	143.4	109	209.5
32290	2.3	141.3	111	208.9
32300	2.2	139.2	113	208.9
32310	2.0	137.2	115	208.4
32320	1.9	135.1	117	207.9
32330	2.0	133.0	119	207.6
32340	1.9	130.9	122	207.1

32350	1.5	128.9	124	206.8
32360	0.1	126.8	126	206.3
32370	-0.3	124.7	128	205.2
32380	-0.5	122.7	130	203.9
32390	-1.1	120.7	132	202.8
32400	-0.7	118.6	134	201.2
32410	0.3	116.6	136	200.7
32420	0.7	114.6	138	199.9
32430	-0.1	112.6	140	199.4
32440	-2.4	110.7	142	197.8
32450	-3.8	108.7	144	195.9
32460	-3.3	106.7	146	194.3
32470	-2.7	104.8	148	192.4
32480	-3.0	102.9	150	190.8
32490	-3.4	101.0	151	189.0
32500	-3.1	99.1	153	187.1
32510	-2.6	97.3	155	185.8
32520	-2.6	95.4	157	183.9
32530	-3.7	93.6	159	182.0
32540	-4.6	91.8	161	180.4
32550	-5.0	90.0	162	177.8
32560	-4.9	88.2	164	175.4
32570	-5.3	86.5	166	173.5
32580	-5.7	84.9	168	153.3
32590	0.0	83.3	169	139.7
32600	3.3	81.9	171	133.6
32610	15.3	80.7	172	105.9
32620	29.7	79.6	173	101.4
32630	28.2	78.7	174	95.8
32640	17.2	78.0	174	74.5
32650	4.2	77.3	175	63.3
32660	-0.3	76.7	176	53.5
32670	0.0	76.3	176	46.0
32680	-6.1	75.8	177	39.4
32690	-14.6	75.5	177	29.2
32700	-17.1	75.2	177	26.8
32710	-15.7	75.0	177	20.2
32720	-13.2	74.8	178	18.1
32730	-12.2	74.6	178	16.2
32740	-13.6	74.5	178	10.9
32750	-16.4	74.4	178	7.4
32760	-18.7	74.4	178	1.5
32770	-22.2	74.4	178	-0.5
32780	-25.8	74.5	178	-6.3
32790	-28.5	74.6	178	-14.6
32800	-30.9	74.8	178	-21.0
32810	-33.2	75.0	177	-26.6
32820	-34.7	75.4	177	-42.3
32830	-34.4	75.8	177	-47.6
32840	-32.8	76.4	176	-51.3
32850	-30.2	77.0	175	-59.6
32860	-28.6	77.8	175	-81.7
32870	-29.2	78.6	174	-89.9
32880	-30.4	79.4	173	-89.7

32890	-31.5	80.4	172	-89.4
32900	-31.3	81.4	171	-95.3
32910	-29.7	82.5	170	-103.2
32920	-27.8	83.7	169	-109.9
32930	-26.7	85.0	167	-116.6
32940	-26.7	86.4	166	-136.5
32950	-27.5	87.9	165	-144.0
32960	-28.1	89.3	163	-151.2
32970	-27.5	90.9	162	-159.2
32980	-26.0	92.6	160	-166.1
32990	-25.2	94.3	158	-173.0
33000	-25.2	96.1	156	-179.4
33010	-25.4	97.9	155	-185.8
33020	-23.7	99.8	153	-192.7
33030	-21.0	101.8	151	-198.8
33040	-17.9	103.8	149	-203.6
33050	-17.4	105.9	147	-208.1
33060	-19.0	108.0	144	-212.7
33070	-20.1	110.2	142	-217.2
33080	-19.7	112.4	140	-222.2
33090	-18.2	114.6	138	-226.5
33100	-16.4	116.9	136	-231.0
33110	-14.5	119.3	133	-234.8
33120	-12.5	121.6	131	-238.0
33130	-12.2	124.0	128	-240.6
33140	-13.4	126.5	126	-243.3
33150	-14.5	128.9	124	-245.9
33160	-14.1	131.4	121	-249.1
33170	-14.0	133.9	119	-251.8
33180	-12.9	136.4	116	-254.7
33190	-11.5	139.0	113	-257.1
33200	-11.4	141.6	111	-259.0
33210	-12.9	144.2	108	-260.8
33220	-13.4	146.8	106	-264.0
33230	-12.6	149.5	103	-266.2
33240	-13.2	152.2	100	-268.3
33250	-12.7	154.9	98	-270.7
33260	-10.4	157.6	95	-273.1
33270	-9.4	160.3	92	-274.7
33280	-10.7	163.1	89	-276.3
33290	-11.5	165.9	87	-278.4
33300	-11.9	168.7	84	-280.3
33310	-11.7	171.5	81	-282.9
33320	-10.4	174.3	78	-284.8
33330	-9.9	177.2	75	-286.4
33340	-9.9	180.1	72	-288.0
33350	-10.7	183.0	69	-289.6
33360	-11.1	185.9	67	-290.9
33370	-11.7	188.8	64	-291.2
33380	-10.8	191.7	61	-291.5
33390	-9.5	194.6	58	-291.2
33400	-9.2	197.5	55	-291.2
33410	-8.8	200.4	52	-291.5
33420	-8.5	203.4	49	-291.2

33430	-8.4	206.3	46	-291.2
33440	-6.9	209.2	43	-291.5
33450	-4.3	212.1	40	-290.7
33460	-3.9	215.0	37	-290.7
33470	-3.8	217.9	35	-290.7
33480	-3.5	220.8	32	-290.4
33490	-3.5	223.7	29	-289.9
33500	-3.4	226.6	26	-289.3
33510	-2.8	229.5	23	-289.3
33520	-2.8	232.4	20	-288.8
33530	-2.8	235.3	17	-288.3
33540	-2.6	238.2	14	-287.5
33550	-2.3	241.0	11	-286.9
33560	1.9	243.9	9	-285.6
33570	5.3	246.7	6	-283.2
33580	5.7	249.5	3	-280.3
33590	4.1	252.3	0	-277.4
33600	3.3	255.1	-3	-274.7
33610	3.5	257.8	-5	-272.3
33620	5.2	260.5	-8	-269.9
33630	0.3	263.0	-11	-248.1
33640	-7.7	265.0	-13	-193.2
33650	-46.2	266.6	-14	-137.6
33660	-70.9	267.9	-15	-122.9
33670	-71.2	269.0	-17	-96.1
33680	-47.1	269.8	-17	-80.1
33690	-17.8	270.3	-18	-54.5
33700	2.7	270.8	-18	-39.9
33710	8.3	271.1	-19	-27.4
33720	19.4	271.3	-19	-22.3
33730	25.2	271.5	-19	-13.0
33740	25.5	271.6	-19	-7.4
33750	19.8	271.6	-19	0.2
33760	16.4	271.6	-19	1.3
33770	17.4	271.6	-19	7.1
33780	19.9	271.5	-19	10.6
33790	22.1	271.3	-19	14.6
33800	20.3	271.1	-19	19.9
33810	15.6	270.8	-18	30.3
33820	12.2	270.5	-18	31.6
33830	12.3	270.2	-18	31.6
33840	17.0	269.8	-17	34.8
33850	23.7	269.4	-17	40.1
33860	27.8	268.9	-16	45.2
33870	27.5	268.3	-16	52.1
33880	23.2	267.7	-15	64.9
33890	18.7	267.0	-15	64.1
33900	16.3	266.2	-14	83.8
33910	17.6	265.4	-13	88.6
33920	21.4	264.6	-12	93.4
33930	24.0	263.7	-11	100.0
33940	23.9	262.7	-10	107.2
33950	21.6	261.8	-9	103.2
33960	18.8	260.7	-8	97.9

33970	17.5	259.5	-7	113.6
33980	18.3	258.3	-6	118.4
33990	19.9	257.1	-5	123.5
34000	21.4	255.8	-3	128.8
34010	21.6	254.5	-2	134.7
34020	19.3	253.1	-1	140.0
34030	16.8	251.7	1	145.3
34040	15.5	250.2	2	149.6
34050	15.2	248.7	4	153.3
34060	16.0	247.1	5	157.3
34070	17.1	245.5	7	161.0
34080	17.5	243.9	9	165.5
34090	16.4	242.2	10	169.5
34100	14.9	240.5	12	173.5
34110	13.2	238.7	14	177.3
34120	12.3	236.9	16	180.4
34130	12.6	235.1	17	183.1
34140	13.0	233.2	19	186.0
34150	13.7	231.3	21	188.7
34160	13.2	229.4	23	191.9
34170	11.7	227.5	25	194.8
34180	10.4	225.5	27	197.2
34190	10.0	223.5	29	199.6
34200	10.3	221.5	31	201.2
34210	10.7	219.5	33	203.6
34220	10.7	217.4	35	205.7
34230	10.0	215.4	37	207.9
34240	9.5	213.3	39	209.7
34250	7.9	211.2	41	211.9
34260	6.1	209.0	43	212.9
34270	4.6	206.9	46	213.7
34280	3.9	204.8	48	214.0
34290	3.9	202.6	50	214.0
34300	4.3	200.5	52	214.3
34310	4.5	198.3	54	214.5
34320	5.0	196.2	56	214.8
34330	5.7	194.0	58	215.3
34340	5.2	191.9	61	216.1
34350	3.7	189.7	63	216.4
34360	2.7	187.5	65	216.4
34370	2.6	185.4	67	216.1
34380	2.8	183.2	69	215.9
34390	3.0	181.1	71	215.6
34400	3.1	178.9	74	215.6
34410	3.4	176.7	76	215.6
34420	3.3	174.6	78	215.3
34430	3.0	172.4	80	215.1
34440	2.6	170.3	82	215.3
34450	2.4	168.1	84	215.1
34460	2.6	166.0	86	215.1
34470	2.6	163.8	89	214.3
34480	2.4	161.7	91	214.0
34490	2.6	159.6	93	214.0
34500	2.4	157.4	95	213.5

34510	2.4	155.3	97	213.5
34520	2.4	153.1	99	212.9
34530	2.4	151.0	101	212.7
34540	2.4	148.9	104	212.7
34550	2.6	146.8	106	212.1
34560	2.4	144.6	108	211.9
34570	2.6	142.5	110	211.6
34580	2.6	140.4	112	211.3
34590	2.6	138.3	114	211.3
34600	2.6	136.2	116	210.8
34610	2.6	134.1	118	211.1
34620	2.4	132.0	120	210.3
34630	2.3	129.9	123	210.0
34640	2.2	127.8	125	209.7
34650	2.2	125.7	127	209.5
34660	2.2	123.6	129	209.2
34670	1.9	121.5	131	208.9
34680	1.6	119.4	133	208.1
34690	-0.9	117.3	135	207.3
34700	-3.7	115.3	137	205.7
34710	-3.5	113.2	139	203.6
34720	-2.4	111.2	141	201.7
34730	-0.9	109.2	143	200.1
34740	0.0	107.2	145	199.1
34750	-0.5	105.2	147	198.3
34760	-2.6	103.2	149	196.7
34770	-3.7	101.3	151	195.1
34780	-3.0	99.3	153	193.2
34790	-1.2	97.4	155	191.9
34800	-0.7	95.5	157	190.3
34810	-2.0	93.6	159	189.0
34820	-3.7	91.7	161	187.6
34830	-5.0	89.9	163	185.2
34840	-5.0	88.1	164	182.8
34850	-4.7	86.2	166	180.2
34860	-4.9	84.6	168	159.7
34870	2.8	82.8	170	172.2
34880	6.4	81.5	171	134.4
34890	23.9	80.3	172	116.0
34900	34.0	79.2	173	109.6
34910	26.7	78.4	174	85.4
34920	11.9	77.6	175	72.1
34930	-0.8	77.0	175	60.1
34940	-0.7	76.5	176	51.1
34950	-7.9	76.0	176	43.1
34960	-17.9	75.6	177	38.6
34970	-20.5	75.3	177	28.7
34980	-19.1	75.1	177	25.5
34990	-17.2	74.9	178	18.1
35000	-17.5	74.8	178	11.7
35010	-20.2	74.7	178	8.5
35020	-22.5	74.6	178	1.5
35030	-25.6	74.6	178	-1.3
35040	-29.4	74.7	178	-9.3

35050	-32.1	74.9	178	-17.8
35060	-33.2	75.1	177	-27.4
35070	-33.5	75.4	177	-37.5
35080	-33.2	75.8	177	-46.8
35090	-32.8	76.3	176	-57.7
35100	-32.5	76.9	176	-61.4
35110	-31.7	77.6	175	-63.3
35120	-30.2	78.3	174	-78.8
35130	-27.9	79.2	173	-95.5
35140	-26.3	80.2	172	-104.0
35150	-25.9	81.1	171	-100.8
35160	-26.3	82.2	170	-97.4
35170	-27.4	83.3	169	-104.0
35180	-28.1	84.5	168	-111.8
35190	-27.7	85.8	167	-129.6
35200	-26.6	87.2	165	-137.1
35210	-24.7	88.6	164	-144.5
35220	-23.5	90.1	162	-150.6
35230	-22.0	91.7	161	-157.0
35240	-21.2	93.3	159	-162.9
35250	-21.6	94.9	158	-167.9
35260	-22.4	96.7	156	-173.8
35270	-22.5	98.4	154	-179.4
35280	-21.2	100.3	152	-185.2
35290	-18.8	102.2	150	-190.8
35300	-16.8	104.1	148	-195.4
35310	-15.9	106.1	146	-199.4
35320	-16.4	108.1	144	-203.3
35330	-15.9	110.2	142	-207.3
35340	-14.9	112.3	140	-211.1
35350	-14.4	114.4	138	-214.3
35360	-14.2	116.6	136	-217.7
35370	-14.0	118.8	134	-221.2
35380	-13.0	121.0	131	-224.4
35390	-12.3	123.3	129	-226.8
35400	-12.6	125.6	127	-229.2
35410	-12.6	127.9	125	-231.8
35420	-11.8	130.2	122	-234.5
35430	-11.4	132.6	120	-236.6
35440	-11.8	135.0	117	-239.0
35450	-11.8	137.4	115	-241.1
35460	-11.0	139.8	113	-243.8
35470	-11.0	142.3	110	-245.7
35480	-12.3	144.8	108	-248.1
35490	-11.9	147.3	105	-250.5
35500	-11.4	149.8	103	-252.9
35510	-11.8	152.3	100	-255.0
35520	-11.5	154.9	98	-257.4
35530	-9.5	157.5	95	-259.5
35540	-9.1	160.1	92	-260.8
35550	-11.3	162.7	90	-262.4
35560	-12.6	165.4	87	-264.6
35570	-12.3	168.0	84	-267.2
35580	-12.2	170.7	82	-269.4

35590	-11.3	173.4	79	-271.2
35600	-10.3	176.1	76	-273.4
35610	-9.9	178.9	74	-275.2
35620	-9.6	181.7	71	-276.8
35630	-9.4	184.4	68	-278.2
35640	-9.6	187.2	65	-279.8
35650	-8.8	190.0	62	-281.6
35660	-7.1	192.9	60	-282.7
35670	-6.1	195.7	57	-283.5
35680	-7.1	198.5	54	-284.5
35690	-7.3	201.4	51	-285.1
35700	-7.5	204.2	48	-285.6
35710	-6.4	207.1	45	-286.7
35720	-4.1	210.0	42	-287.2
35730	-3.0	212.8	40	-286.7
35740	-3.1	215.7	37	-286.4
35750	-2.8	218.6	34	-286.1
35760	-2.8	221.4	31	-285.3
35770	-2.7	224.3	28	-285.1
35780	-2.6	227.1	25	-284.5
35790	-1.1	230.0	22	-283.5
35800	5.0	232.8	20	-281.9
35810	8.8	235.6	17	-278.7
35820	6.9	238.3	14	-274.7
35830	2.6	241.1	11	-271.8
35840	0.5	243.8	9	-269.9
35850	1.5	246.5	6	-268.3
35860	5.2	249.1	3	-266.2
35870	8.7	251.8	1	-263.0
35880	11.7	254.4	-2	-258.5
35890	12.1	256.9	-4	-253.9
35900	10.7	259.4	-7	-249.4
35910	8.7	261.9	-9	-265.6
35920	-3.8	263.9	-11	-199.6
35930	-29.6	265.6	-13	-161.3
35940	-56.3	266.9	-14	-117.9
35950	-61.3	268.1	-16	-106.7
35960	-47.5	269.0	-17	-84.3
35970	-20.3	269.7	-17	-71.8
35980	0.5	270.2	-18	-50.3
35990	5.3	270.7	-18	-43.9
36000	19.3	271.0	-19	-30.6
36010	27.7	271.2	-19	-21.5
36020	26.6	271.4	-19	-14.1
36030	21.0	271.5	-19	-7.4
36040	15.5	271.5	-19	-1.0
36050	15.1	271.5	-19	0.2
36060	18.7	271.5	-19	3.7
36070	21.2	271.4	-19	8.2
36080	20.3	271.2	-19	13.3
36090	16.8	271.1	-19	18.6
36100	14.4	270.8	-18	27.6
36110	14.9	270.5	-18	29.0
36120	19.0	270.2	-18	30.0

36130	24.3	269.8	-17	35.1
36140	27.4	269.4	-17	45.5
36150	26.7	268.9	-16	58.5
36160	24.0	268.3	-16	59.9
36170	20.9	267.7	-15	60.4
36180	19.5	267.0	-15	64.9
36190	20.5	266.2	-14	85.4
36200	22.6	265.3	-13	90.7
36210	23.9	264.5	-12	97.9
36220	23.2	263.6	-11	95.3
36230	20.7	262.6	-10	91.0
36240	18.7	261.5	-9	117.1
36250	18.3	260.4	-8	122.4
36260	19.5	259.2	-7	116.0
36270	20.9	258.0	-6	121.6
36280	21.2	256.8	-4	126.9
36290	20.2	255.5	-3	132.5
36300	18.0	254.1	-2	137.9
36310	16.1	252.7	0	142.6
36320	15.7	251.2	1	146.4
36330	16.4	249.7	3	150.6
36340	16.5	248.2	4	154.9
36350	15.9	246.6	6	159.2
36360	14.6	245.0	7	162.6
36370	13.4	243.3	9	166.1
36380	12.7	241.6	11	169.5
36390	12.6	239.9	13	172.5
36400	12.3	238.2	14	174.9
36410	12.1	236.4	16	177.8
36420	11.3	234.6	18	180.7
36430	10.6	232.8	20	183.1
36440	9.9	230.9	22	185.5
36450	8.9	229.1	23	187.1
36460	8.7	227.2	25	189.0
36470	8.9	225.3	27	190.6
36480	9.1	223.4	29	192.2
36490	8.5	221.4	31	193.8
36500	7.6	219.5	33	195.1
36510	6.8	217.5	35	196.4
36520	6.2	215.6	37	197.2
36530	6.9	213.6	39	198.3
36540	6.6	211.6	41	199.6
36550	6.2	209.6	43	200.4
36560	5.7	207.6	45	201.2
36570	5.7	205.5	47	202.3
36580	6.1	203.5	49	202.8
36590	6.2	201.5	51	203.9
36600	5.4	199.4	53	204.7
36610	4.2	197.4	55	205.2
36620	3.8	195.3	57	205.5
36630	3.1	193.3	59	205.5
36640	2.4	191.2	61	205.7
36650	2.3	189.2	63	205.2
36660	2.6	187.1	65	205.2

36670	3.1	185.1	67	204.7
36680	4.3	183.0	69	204.7
36690	4.9	181.0	71	205.2
36700	3.5	178.9	74	205.5
36710	2.4	176.8	76	205.7
36720	2.2	174.8	78	205.5
36730	2.2	172.7	80	204.9
36740	2.3	170.7	82	204.9
36750	2.3	168.6	84	204.4
36760	2.2	166.6	86	204.1
36770	2.3	164.6	88	203.6
36780	2.2	162.5	90	203.3
36790	2.3	160.5	92	203.1
36800	2.3	158.5	94	203.1
36810	2.3	156.4	96	202.3
36820	2.4	154.4	98	202.3
36830	2.4	152.4	100	202.0
36840	2.4	150.4	102	201.5
36850	2.4	148.4	104	201.7
36860	2.6	146.4	106	200.9
36870	2.8	144.3	108	200.9
36880	3.3	142.3	110	200.9
36890	4.3	140.3	112	200.9
36900	4.6	138.3	114	201.2
36910	3.8	136.3	116	201.5
36920	2.7	134.3	118	201.7
36930	2.3	132.3	120	201.5
36940	2.0	130.2	122	201.5
36950	2.0	128.2	124	200.9
36960	2.0	126.2	126	200.7
36970	2.0	124.2	128	200.7
36980	1.8	122.2	130	200.1
36990	-0.5	120.2	132	199.1
37000	-3.9	118.2	134	198.0
37010	-3.8	116.3	136	195.9
37020	-0.5	114.3	138	193.8
37030	1.9	112.4	140	193.0
37040	1.9	110.5	142	192.7
37050	0.9	108.5	144	192.4
37060	-0.5	106.6	146	191.4
37070	-2.3	104.7	148	190.0
37080	-3.1	102.8	150	188.4
37090	-2.3	101.0	151	186.6
37100	-0.4	99.1	153	185.5
37110	0.4	97.3	155	184.4
37120	-0.5	95.4	157	183.6
37130	-3.0	93.6	159	182.3
37140	-4.2	91.8	161	180.7
37150	-3.4	90.0	162	178.3
37160	-1.6	88.2	164	176.7
37170	-0.9	86.5	166	175.1
37180	-2.3	84.8	168	156.8
37190	1.8	83.1	169	172.2
37200	3.4	81.8	171	134.9

37210	16.0	80.6	172	116.8
37220	27.3	79.5	173	90.7
37230	22.2	78.6	174	86.7
37240	7.7	77.8	175	74.0
37250	-0.5	77.2	175	62.2
37260	-6.1	76.6	176	52.9
37270	-19.8	76.2	176	39.1
37280	-24.3	75.8	177	35.6
37290	-24.0	75.5	177	25.8
37300	-20.9	75.3	177	22.3
37310	-17.5	75.1	177	15.4
37320	-18.2	74.9	178	11.9
37330	-21.4	74.9	178	6.6
37340	-24.4	74.8	178	-0.2
37350	-27.4	74.9	178	-2.9
37360	-30.2	75.0	177	-11.9
37370	-31.3	75.1	177	-20.7
37380	-31.7	75.4	177	-27.4
37390	-33.2	75.7	177	-32.2
37400	-35.4	76.2	176	-49.5
37410	-37.2	76.6	176	-54.8
37420	-37.7	77.3	175	-58.5
37430	-36.2	78.0	174	-67.8
37440	-33.0	78.8	174	-76.4
37450	-29.3	79.8	173	-103.2
37460	-27.4	80.8	172	-111.5
37470	-27.5	81.8	171	-108.6
37480	-29.7	82.9	170	-104.6
37490	-32.3	84.2	168	-136.0
37500	-32.8	85.5	167	-145.6
37510	-31.6	86.9	166	-141.0
37520	-29.0	88.4	164	-149.8
37530	-25.9	89.9	163	-157.3
37540	-24.1	91.6	161	-164.5
37550	-22.9	93.3	159	-170.9
37560	-22.9	95.0	157	-176.5
37570	-23.6	96.8	156	-182.8
37580	-23.6	98.7	154	-189.0
37590	-22.8	100.6	152	-194.8
37600	-21.7	102.6	150	-200.7
37610	-20.6	104.7	148	-206.3
37620	-20.5	106.8	146	-211.1
37630	-20.2	108.9	144	-216.1
37640	-18.4	111.1	141	-220.9
37650	-16.7	113.4	139	-225.2
37660	-15.2	115.7	137	-228.9
37670	-14.5	118.0	134	-232.4
37680	-13.7	120.3	132	-235.0
37690	-13.7	122.7	130	-238.0
37700	-14.8	125.1	127	-240.9
37710	-15.1	127.5	125	-244.3
37720	-13.8	130.0	122	-247.5
37730	-12.6	132.5	120	-249.9
37740	-12.1	135.0	117	-252.9

37750	-11.0	137.6	115	-255.0
37760	-10.0	140.1	112	-257.4
37770	-10.8	142.7	110	-259.3
37780	-12.7	145.3	107	-261.1
37790	-12.6	148.0	104	-264.0
37800	-12.2	150.6	102	-266.7
37810	-12.1	153.3	99	-269.1
37820	-10.6	156.0	96	-271.2
37830	-8.7	158.7	94	-273.1
37840	-9.8	161.5	91	-274.4
37850	-11.9	164.2	88	-276.3
37860	-13.2	167.0	85	-278.2
37870	-13.4	169.8	83	-280.5
37880	-12.9	172.6	80	-283.2
37890	-10.8	175.5	77	-285.6
37900	-9.5	178.4	74	-287.5
37910	-9.5	181.3	71	-288.8
37920	-9.6	184.2	68	-290.7
37930	-10.3	187.1	65	-291.5
37940	-11.0	190.0	62	-291.7
37950	-10.3	192.9	60	-291.5
37960	-9.5	195.8	57	-291.5
37970	-10.0	198.7	54	-291.7
37980	-9.2	201.6	51	-291.2
37990	-8.9	204.6	48	-290.9
38000	-8.1	207.5	45	-291.2
38010	-5.7	210.4	42	-291.2
38020	-4.2	213.3	39	-290.9
38030	-4.1	216.2	36	-290.9
38040	-4.3	219.1	33	-290.4
38050	-4.3	222.0	30	-290.4
38060	-4.2	224.9	28	-290.4
38070	-3.3	227.8	25	-290.1
38080	-2.8	230.7	22	-289.6
38090	-2.8	233.6	19	-288.8
38100	-2.7	236.5	16	-288.5
38110	-2.3	239.4	13	-287.7
38120	2.0	242.2	10	-286.9
38130	8.9	245.1	7	-284.0
38140	11.1	247.9	5	-279.8
38150	7.7	250.7	2	-275.5
38160	3.9	253.4	-1	-272.3
38170	2.2	256.1	-4	-269.9
38180	3.1	258.8	-6	-267.8
38190	6.2	261.3	-9	-238.5
38200	-3.8	263.7	-11	-200.4
38210	-31.3	265.6	-13	-176.5
38220	-63.1	267.1	-15	-141.6
38230	-75.9	268.3	-16	-101.4
38240	-65.1	269.2	-17	-88.6
38250	-36.9	269.9	-17	-67.6
38260	-6.4	270.5	-18	-45.2
38270	1.4	270.9	-18	-38.0
38280	10.8	271.2	-19	-29.2

38290	25.9	271.4	-19	-20.4
38300	32.5	271.6	-19	-10.3
38310	26.6	271.6	-19	-2.9
38320	17.1	271.6	-19	0.7
38330	12.6	271.6	-19	3.7
38340	13.7	271.5	-19	6.9
38350	18.0	271.4	-19	10.6
38360	21.6	271.3	-19	17.0
38370	21.8	271.1	-19	23.6
38380	18.7	270.8	-18	26.8
38390	14.6	270.5	-18	35.1
38400	12.9	270.2	-18	35.9
38410	14.9	269.8	-17	35.6
38420	19.9	269.4	-17	43.6
38430	25.0	268.9	-16	54.3
38440	27.0	268.4	-16	55.6
38450	25.2	267.7	-15	56.7
38460	20.9	267.0	-15	76.6
38470	17.1	266.3	-14	67.8
38480	16.3	265.5	-13	87.8
38490	18.6	264.7	-12	92.3
38500	21.7	263.8	-11	97.9
38510	23.3	262.9	-10	104.0
38520	22.2	261.9	-9	110.7
38530	19.5	260.8	-8	117.1
38540	16.4	259.7	-7	111.5
38550	15.1	258.6	-6	116.0
38560	15.6	257.4	-5	120.0
38570	17.6	256.1	-4	124.0
38580	19.3	254.9	-2	128.8
38590	19.4	253.5	-1	133.9
38600	17.2	252.2	0	139.2
38610	15.3	250.7	2	143.4
38620	13.3	249.3	3	147.2
38630	12.3	247.8	5	150.4
38640	12.7	246.2	6	153.6
38650	13.8	244.7	8	156.5
38660	14.2	243.1	9	160.0
38670	14.0	241.5	11	163.4
38680	12.9	239.8	13	166.9
38690	11.4	238.1	14	169.8
38700	10.6	236.4	16	172.5
38710	10.4	234.7	18	174.9
38720	11.1	232.9	20	177.0
38730	11.9	231.1	21	179.7
38740	11.7	229.3	23	182.3
38750	10.8	227.4	25	184.4
38760	10.3	225.6	27	186.8
38770	9.9	223.7	29	189.0
38780	9.8	221.8	31	190.8
38790	9.6	219.9	33	193.0
38800	9.5	217.9	35	194.6
38810	9.4	216.0	36	196.7
38820	10.0	214.0	38	198.6

38830	10.8	212.0	40	200.7
38840	10.0	210.0	42	202.8
38850	8.8	207.9	45	204.7
38860	7.6	205.8	47	206.5
38870	6.8	203.8	49	207.9
38880	6.1	201.7	51	208.9
38890	5.0	199.6	53	209.5
38900	4.1	197.5	55	210.0
38910	5.3	195.4	57	210.5
38920	8.3	193.3	59	210.8
38930	10.3	191.2	61	212.7
38940	9.2	189.0	63	214.5
38950	6.1	186.9	66	215.9
38960	3.0	184.7	68	216.4
38970	2.4	182.5	70	216.7
38980	2.4	180.4	72	216.1
38990	2.4	178.2	74	215.9
39000	2.6	176.0	76	215.6
39010	2.7	173.9	79	215.3
39020	3.1	171.7	81	214.8
39030	3.8	169.6	83	215.1
39040	4.6	167.4	85	215.1
39050	4.3	165.3	87	215.6
39060	2.8	163.1	89	215.6
39070	2.3	161.0	91	215.6
39080	2.2	158.8	94	215.3
39090	2.2	156.7	96	214.8
39100	2.3	154.5	98	214.3
39110	2.3	152.4	100	214.0
39120	2.3	150.2	102	214.0
39130	2.3	148.1	104	213.7
39140	2.3	146.0	106	213.2
39150	2.3	143.8	109	212.7
39160	2.3	141.7	111	212.4
39170	2.3	139.6	113	211.9
39180	2.3	137.5	115	211.9
39190	2.3	135.4	117	211.6
39200	2.3	133.2	119	211.1
39210	2.2	131.1	121	210.8
39220	2.2	129.0	123	210.3
39230	2.0	126.9	126	210.0
39240	1.9	124.8	128	209.5
39250	0.9	122.7	130	208.9
39260	-1.4	120.7	132	208.1
39270	-2.3	118.6	134	206.8
39280	-0.9	116.5	136	205.2
39290	0.5	114.5	138	204.4
39300	0.8	112.4	140	203.3
39310	-0.7	110.4	142	202.5
39320	-2.0	108.4	144	201.5
39330	-2.3	106.4	146	199.9
39340	-2.2	104.4	148	198.3
39350	-2.2	102.4	150	196.7
39360	-1.9	100.5	152	194.8

39370	-1.5	98.5	154	193.2
39380	-1.1	96.6	156	192.2
39390	-2.3	94.7	158	190.8
39400	-4.2	92.8	160	189.0
39410	-5.2	90.9	162	186.8
39420	-4.6	89.1	163	184.4
39430	-4.3	87.2	165	182.3
39440	-5.2	85.4	167	180.4
39450	-2.8	83.7	169	187.6
39460	2.6	82.2	170	146.6
39470	16.7	80.9	172	138.1
39480	34.0	79.8	173	108.8
39490	37.4	78.8	174	93.4
39500	26.2	78.0	174	79.3
39510	10.7	77.3	175	66.2
39520	0.1	76.7	176	50.0
39530	0.0	76.2	176	47.1
39540	-3.5	75.8	177	40.4
39550	-14.1	75.4	177	36.4
39560	-18.0	75.2	177	26.8
39570	-17.6	74.9	178	23.6
39580	-14.4	74.8	178	17.0
39590	-11.7	74.6	178	11.9
39600	-12.1	74.5	178	10.3
39610	-15.1	74.4	178	5.8
39620	-19.3	74.4	178	0.7
39630	-24.5	74.4	178	-1.5
39640	-28.6	74.5	178	-8.5
39650	-32.0	74.6	178	-14.1
39660	-34.7	74.9	178	-27.1
39670	-35.7	75.2	177	-33.8
39680	-35.1	75.6	177	-39.1
39690	-33.1	76.1	176	-47.9
39700	-30.5	76.7	176	-68.1
39710	-29.2	77.4	175	-70.5
39720	-29.0	78.1	174	-70.2
39730	-29.7	79.0	173	-93.9
39740	-30.2	79.9	173	-93.7
39750	-30.0	80.9	172	-91.3
39760	-29.7	82.0	170	-120.5
39770	-29.2	83.2	169	-129.1
39780	-28.6	84.4	168	-137.3
39790	-27.7	85.7	167	-145.6
39800	-27.0	87.1	165	-139.5
39810	-25.9	88.5	164	-147.2
39820	-25.0	90.1	162	-154.1
39830	-24.4	91.6	161	-160.5
39840	-24.4	93.3	159	-167.4
39850	-25.4	95.0	157	-173.8
39860	-26.2	96.8	156	-180.7
39870	-25.5	98.7	154	-187.6
39880	-23.1	100.6	152	-193.8
39890	-19.3	102.6	150	-199.6
39900	-16.3	104.6	148	-204.7

39910	-15.6	106.7	146	-208.1
39920	-16.3	108.8	144	-211.9
39930	-16.5	110.9	142	-215.6
39940	-16.4	113.1	139	-219.3
39950	-16.1	115.3	137	-222.8
39960	-15.3	117.6	135	-226.5
39970	-13.8	119.9	133	-229.7
39980	-12.2	122.2	130	-232.9
39990	-11.9	124.6	128	-235.3
40000	-12.6	126.9	126	-237.7
40010	-12.1	129.3	123	-240.6
40020	-11.4	131.8	121	-242.7
40030	-11.9	134.2	118	-245.1
40040	-11.7	136.7	116	-247.5
40050	-11.4	139.2	113	-249.9
40060	-11.4	141.7	111	-251.8
40070	-13.2	144.2	108	-254.2
40080	-14.0	146.8	106	-256.6
40090	-13.0	149.4	103	-259.3
40100	-12.6	152.0	100	-261.6
40110	-11.9	154.6	98	-264.0
40120	-10.3	157.3	95	-266.2
40130	-9.6	159.9	93	-267.5
40140	-11.9	162.6	90	-269.4
40150	-13.3	165.3	87	-271.8
40160	-13.6	168.1	84	-274.2
40170	-13.3	170.8	82	-276.8
40180	-12.1	173.6	79	-279.0
40190	-10.8	176.4	76	-281.3
40200	-10.8	179.3	73	-283.5
40210	-11.0	182.1	70	-284.8
40220	-11.4	185.0	67	-286.7
40230	-11.7	187.8	65	-288.5
40240	-10.2	190.7	62	-290.4
40250	-8.4	193.7	59	-291.2
40260	-8.1	196.6	56	-291.5
40270	-9.5	199.5	53	-291.5
40280	-9.8	202.4	50	-291.5
40290	-10.3	205.3	47	-291.5
40300	-9.2	208.2	44	-290.9
40310	-5.7	211.1	41	-291.2
40320	-3.5	214.0	38	-290.9
40330	-3.3	217.0	35	-290.9
40340	-3.1	219.9	33	-290.4
40350	-3.0	222.8	30	-289.6
40360	-2.8	225.7	27	-289.3
40370	-2.7	228.5	24	-288.5
40380	-2.4	231.4	21	-288.5
40390	0.0	234.3	18	-287.2
40400	5.7	237.2	15	-285.1
40410	8.1	240.0	12	-281.6
40420	6.8	242.8	10	-277.9
40430	4.7	245.5	7	-275.0
40440	3.4	248.3	4	-272.0

40450	4.2	251.0	1	-270.2
40460	7.5	253.6	-1	-267.0
40470	10.8	256.3	-4	-263.2
40480	12.6	258.9	-6	-258.2
40490	11.8	261.3	-9	-227.8
40500	-4.3	263.7	-11	-235.0
40510	-27.8	265.4	-13	-171.4
40520	-58.2	266.9	-14	-138.7
40530	-69.3	268.1	-16	-122.9
40540	-56.5	269.0	-17	-88.3
40550	-27.8	269.7	-17	-68.1
40560	0.8	270.3	-18	-56.7
40570	2.6	270.7	-18	-39.9
40580	16.0	271.1	-19	-33.5
40590	24.7	271.3	-19	-21.2
40600	27.0	271.4	-19	-14.9
40610	20.7	271.5	-19	-5.5
40620	14.1	271.5	-19	-0.2
40630	14.2	271.5	-19	0.5
40640	18.6	271.5	-19	4.7
40650	21.7	271.4	-19	8.7
40660	21.2	271.3	-19	14.3
40670	17.0	271.0	-19	19.4
40680	12.5	270.8	-18	28.7
40690	11.8	270.5	-18	29.5
40700	15.6	270.2	-18	30.0
40710	22.1	269.8	-17	33.8
40720	27.3	269.4	-17	43.6
40730	28.2	268.9	-16	56.4
40740	25.6	268.3	-16	58.5
40750	21.2	267.7	-15	71.6
40760	18.4	267.0	-15	71.0
40770	18.3	266.3	-14	68.4
40780	21.2	265.5	-13	72.9
40790	24.4	264.6	-12	78.0
40800	25.6	263.7	-11	85.1
40810	23.7	262.7	-10	89.9
40820	20.5	261.6	-9	116.3
40830	17.6	260.5	-8	121.9
40840	17.4	259.4	-7	115.8
40850	19.4	258.2	-6	120.5
40860	21.4	257.0	-5	125.3
40870	22.0	255.6	-3	131.5
40880	20.5	254.3	-2	137.6
40890	17.8	252.9	0	142.6
40900	15.3	251.4	1	147.2
40910	15.1	249.9	3	151.2
40920	15.3	248.4	4	154.9
40930	15.7	246.8	6	158.6
40940	15.6	245.2	7	162.6
40950	14.6	243.5	9	166.3
40960	13.7	241.8	11	169.8
40970	12.9	240.1	12	172.7
40980	12.3	238.4	14	175.9

40990	12.5	236.6	16	178.3
41000	12.5	234.8	18	181.0
41010	11.8	232.9	20	184.2
41020	10.8	231.1	21	186.6
41030	9.2	229.2	23	188.7
41040	8.0	227.3	25	190.6
41050	7.7	225.4	27	191.9
41060	7.7	223.4	29	193.2
41070	7.5	221.5	31	194.6
41080	6.8	219.5	33	195.9
41090	5.7	217.6	35	197.0
41100	4.7	215.6	37	197.5
41110	4.9	213.6	39	197.8
41120	4.6	211.6	41	198.6
41130	3.9	209.7	43	198.8
41140	3.3	207.7	45	199.1
41150	3.3	205.7	47	199.1
41160	3.4	203.7	49	199.4
41170	3.7	201.7	51	199.4
41180	3.4	199.7	53	199.6
41190	2.7	197.7	55	199.6
41200	2.6	195.7	57	199.4
41210	2.6	193.7	59	199.1
41220	2.4	191.7	61	199.1
41230	2.3	189.7	63	199.1
41240	2.3	187.7	65	198.8
41250	2.2	185.8	67	198.3
41260	2.2	183.8	69	198.0
41270	2.2	181.8	71	197.8
41280	2.2	179.8	73	197.5
41290	2.0	177.9	75	197.2
41300	2.0	175.9	77	197.0
41310	1.8	173.9	79	196.2
41320	1.2	172.0	80	195.9
41330	-1.1	170.0	82	195.1
41340	-3.1	168.1	84	193.5
41350	-2.2	166.1	86	191.9
41360	0.4	164.2	88	190.6
41370	2.3	162.3	90	189.8
41380	2.2	160.4	92	189.8
41390	1.9	158.5	94	189.8
41400	1.5	156.7	96	189.2
41410	0.4	154.8	98	188.4
41420	-0.4	152.9	100	187.6
41430	0.0	151.0	101	186.6
41440	0.5	149.2	103	185.8
41450	0.3	147.3	105	185.0
41460	0.0	145.5	107	184.4
41470	0.4	143.6	109	183.1
41480	1.1	141.8	111	182.6
41490	1.4	140.0	112	182.3
41500	0.8	138.2	114	181.5
41510	1.2	136.3	116	181.0
41520	1.5	134.5	118	180.7

41530	1.5	132.7	120	180.2
41540	1.1	130.9	122	179.7
41550	0.0	129.1	123	178.9
41560	-0.4	127.4	125	178.1
41570	0.0	125.6	127	177.0
41580	0.8	123.8	129	176.2
41590	0.9	122.1	130	175.7
41600	0.0	120.3	132	174.9
41610	-0.4	118.6	134	174.1
41620	-0.4	116.8	136	173.3
41630	0.0	115.1	137	172.2
41640	0.0	113.4	139	171.7
41650	-0.7	111.7	141	170.3
41660	-1.5	110.0	142	169.5
41670	-1.6	108.3	144	167.9
41680	-1.1	106.6	146	166.9
41690	-1.2	105.0	147	165.5
41700	-1.9	103.3	149	164.5
41710	-2.0	101.7	151	162.9
41720	-1.8	100.1	152	161.8
41730	-1.8	98.5	154	160.2
41740	-1.6	96.9	156	158.9
41750	-2.4	95.3	157	157.8
41760	-4.1	93.7	159	156.2
41770	-5.2	92.2	160	154.1
41780	-5.8	90.7	162	151.4
41790	-6.1	89.2	163	149.0
41800	-7.2	87.7	165	146.4
41810	-7.2	86.2	166	143.4
41820	-8.0	84.9	168	126.4
41830	-4.1	83.6	169	115.0
41840	2.2	82.4	170	114.4
41850	1.9	81.4	171	91.3
41860	2.3	80.4	172	89.9
41870	3.4	79.6	173	79.3
41880	0.4	78.9	174	70.5
41890	0.0	78.2	174	62.2
41900	-5.4	77.7	175	55.1
41910	-19.8	77.2	175	46.8
41920	-26.0	76.7	176	42.8
41930	-25.6	76.4	176	31.1
41940	-21.7	76.2	176	22.0
41950	-15.7	76.0	176	20.7
41960	-14.0	75.8	177	15.1
41970	-17.8	75.7	177	9.3
41980	-25.0	75.6	177	5.0
41990	-30.2	75.6	177	-1.3
42000	-33.2	75.7	177	-7.4
42010	-33.1	75.8	177	-14.1
42020	-31.3	76.0	176	-25.0
42030	-30.4	76.4	176	-33.5
42040	-32.0	76.8	176	-38.0
42050	-35.4	77.3	175	-56.4
42060	-37.6	77.8	175	-60.6

42070	-37.8	78.5	174	-63.8
42080	-35.5	79.3	173	-72.9
42090	-32.4	80.2	172	-81.7
42100	-31.2	81.1	171	-89.1
42110	-32.3	82.2	170	-118.4
42120	-34.7	83.3	169	-116.3
42130	-36.5	84.6	168	-112.8
42140	-35.3	86.0	166	-135.2
42150	-31.9	87.4	165	-144.8
42160	-28.5	88.9	164	-153.6
42170	-26.4	90.5	162	-161.0
42180	-26.4	92.2	160	-167.9
42190	-27.0	93.9	159	-175.1
42200	-27.1	95.7	157	-182.3
42210	-26.4	97.6	155	-189.2
42220	-23.6	99.5	153	-196.4
42230	-20.6	101.5	151	-202.0
42240	-18.3	103.6	149	-206.5
42250	-18.0	105.7	147	-211.3
42260	-19.0	107.8	145	-215.9
42270	-18.4	110.0	142	-220.4
42280	-16.7	112.3	140	-224.6
42290	-14.9	114.5	138	-228.4
42300	-14.0	116.8	136	-231.6
42310	-13.6	119.2	133	-235.0
42320	-13.2	121.6	131	-237.7
42330	-13.2	124.0	128	-240.6
42340	-14.1	126.4	126	-243.5
42350	-14.0	128.8	124	-246.5
42360	-12.7	131.3	121	-249.1
42370	-12.3	133.8	119	-251.8
42380	-11.8	136.4	116	-253.9
42390	-11.0	138.9	114	-256.1
42400	-10.8	141.5	111	-257.9
42410	-12.5	144.1	108	-260.0
42420	-13.4	146.7	106	-262.4
42430	-13.0	149.4	103	-264.8
42440	-13.2	152.0	100	-267.2
42450	-12.6	154.7	98	-269.6
42460	-10.2	157.4	95	-272.0
42470	-9.2	160.2	92	-273.4
42480	-10.7	162.9	90	-274.7
42490	-11.7	165.7	87	-277.1
42500	-12.1	168.5	84	-279.2
42510	-11.5	171.3	81	-281.3
42520	-10.2	174.1	78	-283.2
42530	-9.1	176.9	76	-285.1
42540	-8.5	179.8	73	-286.1
42550	-8.8	182.7	70	-286.9
42560	-9.2	185.5	67	-288.0
42570	-9.4	188.4	64	-289.3
42580	-7.6	191.3	61	-290.1
42590	-5.4	194.2	58	-290.4
42600	-5.3	197.2	55	-290.7

42610	-5.6	200.1	52	-290.9
42620	-6.1	203.0	49	-291.2
42630	-6.6	205.9	47	-291.2
42640	-4.9	208.8	44	-291.2
42650	-2.8	211.7	41	-290.7
42660	-2.8	214.6	38	-290.1
42670	-2.6	217.5	35	-289.6
42680	-2.6	220.4	32	-289.1
42690	0.8	223.3	29	-288.0
42700	5.8	226.2	26	-285.9
42710	7.7	229.0	23	-282.4
42720	5.4	231.8	21	-279.2
42730	1.8	234.6	18	-276.6
42740	0.0	237.3	15	-274.7
42750	1.4	240.0	12	-272.8
42760	5.0	242.8	10	-271.2
42770	8.8	245.5	7	-267.8
42780	9.8	248.1	4	-263.8
42790	8.4	250.7	2	-259.8
42800	7.1	253.3	-1	-256.1
42810	6.8	255.8	-3	-252.6
42820	7.9	258.3	-6	-249.4
42830	9.6	260.7	-8	-221.2
42840	2.3	263.0	-11	-196.7
42850	-5.0	264.8	-12	-177.0
42860	-31.6	266.4	-14	-157.6
42870	-53.0	267.6	-15	-116.3
42880	-52.7	268.6	-16	-84.6
42890	-32.3	269.4	-17	-74.2
42900	-7.1	270.0	-18	-57.5
42910	0.9	270.5	-18	-43.9
42920	5.6	270.9	-18	-38.3
42930	19.5	271.1	-19	-26.3
42940	27.3	271.3	-19	-20.2
42950	26.8	271.5	-19	-10.6
42960	20.7	271.5	-19	-3.7
42970	16.8	271.5	-19	0.7
42980	18.3	271.5	-19	2.6
42990	20.3	271.4	-19	9.0
43000	21.2	271.3	-19	14.1
43010	19.8	271.1	-19	20.7
43020	17.0	270.9	-18	23.9
43030	15.1	270.6	-18	25.5
43040	15.9	270.3	-18	35.9
43050	19.7	270.0	-18	40.7
43060	24.3	269.5	-17	46.5
43070	26.7	269.1	-17	53.2
43080	25.8	268.5	-16	62.0
43090	23.2	267.9	-15	63.0
43100	20.5	267.3	-15	63.0
43110	19.4	266.5	-14	82.2
43120	20.1	265.7	-13	79.6
43130	21.6	264.9	-12	76.4
43140	22.1	264.0	-12	81.7

43150	20.9	263.0	-11	96.6
43160	19.3	262.1	-10	101.4
43170	17.8	261.0	-9	95.8
43180	17.5	259.9	-7	111.2
43190	18.2	258.7	-6	115.8
43200	18.7	257.5	-5	120.8
43210	18.4	256.3	-4	125.6
43220	17.6	255.0	-3	130.4
43230	16.5	253.6	-1	134.9
43240	14.8	252.3	0	139.2
43250	14.6	250.8	2	142.6
43260	14.5	249.4	3	146.6
43270	14.2	247.9	5	150.1
43280	13.2	246.4	6	153.6
43290	12.5	244.8	8	156.8
43300	12.2	243.2	9	159.7
43310	12.5	241.6	11	162.6
43320	12.6	239.9	13	165.5
43330	11.9	238.3	14	168.5
43340	11.4	236.6	16	171.1
43350	10.7	234.8	18	173.5
43360	10.2	233.1	19	175.9
43370	10.0	231.3	21	178.1
43380	9.6	229.5	23	180.2
43390	8.9	227.7	25	182.0
43400	8.8	225.9	27	183.9
43410	8.9	224.0	28	185.5
43420	8.7	222.1	30	187.4
43430	7.9	220.3	32	189.0
43440	7.1	218.4	34	190.0
43450	6.5	216.4	36	191.4
43460	6.8	214.5	38	192.4
43470	7.1	212.6	40	193.8
43480	6.5	210.6	42	194.8
43490	5.8	208.7	44	195.9
43500	5.3	206.7	46	196.7
43510	5.4	204.8	48	197.2
43520	6.1	202.8	50	197.8
43530	6.8	200.8	52	198.8
43540	5.8	198.8	54	199.9
43550	4.7	196.8	56	200.4
43560	4.6	194.8	58	200.7
43570	4.7	192.8	60	201.2
43580	5.0	190.8	62	201.5
43590	4.9	188.7	64	202.3
43600	4.6	186.7	66	202.8
43610	3.9	184.7	68	202.8
43620	3.5	182.6	70	203.1
43630	2.4	180.6	72	203.6
43640	2.3	178.6	74	203.1
43650	2.3	176.5	76	202.8
43660	2.3	174.5	78	202.8
43670	2.6	172.5	80	202.3
43680	2.8	170.5	82	202.0

43690	3.4	168.5	84	202.0
43700	3.3	166.4	86	202.3
43710	2.7	164.4	88	202.0
43720	2.3	162.4	90	201.7
43730	2.3	160.4	92	201.5
43740	2.2	158.4	94	201.5
43750	2.2	156.3	96	200.9
43760	2.2	154.3	98	200.7
43770	2.2	152.3	100	200.4
43780	2.2	150.3	102	200.4
43790	2.3	148.3	104	200.1
43800	2.3	146.3	106	199.9
43810	2.4	144.3	108	199.4
43820	2.4	142.3	110	199.1
43830	2.6	140.3	112	198.8
43840	2.4	138.4	114	198.6
43850	2.4	136.4	116	198.6
43860	2.6	134.4	118	198.3
43870	2.6	132.4	120	198.3
43880	2.6	130.4	122	197.8
43890	2.4	128.5	124	197.8
43900	2.3	126.5	126	197.5
43910	2.2	124.5	128	197.2
43920	2.2	122.5	130	196.7
43930	2.0	120.6	132	196.4
43940	2.0	118.6	134	196.2
43950	1.9	116.6	136	195.9
43960	1.8	114.7	138	195.6
43970	0.4	112.7	140	195.1
43980	-3.3	110.8	142	193.8
43990	-4.3	108.9	144	191.9
44000	-1.9	107.0	145	190.0
44010	0.3	105.1	147	188.7
44020	0.5	103.2	149	187.9
44030	-0.4	101.3	151	187.4
44040	-1.8	99.4	153	186.3
44050	-2.2	97.6	155	184.7
44060	-2.3	95.8	157	183.1
44070	-2.7	93.9	159	181.8
44080	-3.5	92.1	160	179.9
44090	-3.8	90.3	162	177.8
44100	-4.2	88.6	164	175.9
44110	-4.9	86.8	166	173.8
44120	-6.5	85.2	167	154.4
44130	-3.5	83.6	169	142.6
44140	2.7	82.1	170	137.9
44150	13.7	80.9	172	107.0
44160	29.8	79.8	173	103.5
44170	33.9	78.9	174	89.9
44180	24.7	78.1	174	69.2
44190	11.4	77.4	175	65.2
44200	-0.1	76.8	176	54.8
44210	-0.1	76.3	176	47.1
44220	-4.1	75.9	177	40.4

44230	-14.6	75.5	177	36.7
44240	-17.9	75.3	177	27.1
44250	-15.9	75.0	177	24.4
44260	-11.4	74.8	178	20.2
44270	-8.3	74.7	178	15.4
44280	-8.5	74.5	178	11.4
44290	-12.6	74.4	178	9.8
44300	-18.3	74.4	178	5.0
44310	-23.1	74.4	178	-0.5
44320	-27.0	74.4	178	-3.4
44330	-30.1	74.5	178	-10.6
44340	-32.7	74.6	178	-16.7
44350	-33.6	74.9	178	-30.3
44360	-33.2	75.2	177	-36.2
44370	-32.4	75.7	177	-45.5
44380	-31.5	76.2	176	-48.9
44390	-29.8	76.8	176	-69.4
44400	-28.6	77.5	175	-78.5
44410	-28.2	78.3	174	-78.8
44420	-28.5	79.1	173	-77.4
44430	-28.5	80.0	172	-84.9
44440	-28.7	81.0	171	-91.3
44450	-28.6	82.1	170	-98.2
44460	-28.3	83.3	169	-128.5
44470	-28.5	84.5	168	-136.3
44480	-27.4	85.8	167	-144.5
44490	-26.0	87.2	165	-138.7
44500	-24.4	88.6	164	-145.8
44510	-24.1	90.1	162	-152.2
44520	-23.5	91.7	161	-158.6
44530	-24.1	93.3	159	-165.0
44540	-24.8	95.0	157	-170.9
44550	-25.0	96.8	156	-177.8
44560	-23.6	98.6	154	-184.2
44570	-20.6	100.5	152	-190.0
44580	-17.6	102.4	150	-195.4
44590	-16.0	104.4	148	-199.6
44600	-16.8	106.4	146	-203.3
44610	-18.7	108.5	144	-207.6
44620	-19.3	110.6	142	-212.1
44630	-18.2	112.8	140	-216.7
44640	-16.7	115.0	137	-220.9
44650	-15.3	117.2	135	-224.6
44660	-14.1	119.5	133	-227.8
44670	-12.5	121.8	131	-231.0
44680	-12.3	124.1	128	-233.7
44690	-13.0	126.5	126	-236.6
44700	-13.6	128.9	124	-239.3
44710	-13.4	131.3	121	-241.9
44720	-14.0	133.7	119	-245.1
44730	-13.7	136.2	116	-247.5
44740	-12.2	138.7	114	-250.2
44750	-11.3	141.2	111	-252.6
44760	-12.3	143.8	109	-254.7

44770	-13.4	146.3	106	-256.9
44780	-13.0	148.9	104	-259.5
44790	-13.3	151.5	101	-261.9
44800	-13.7	154.2	98	-264.6
44810	-12.5	156.8	96	-267.2
44820	-11.4	159.5	93	-269.1
44830	-12.6	162.2	90	-271.5
44840	-14.1	165.0	87	-273.6
44850	-13.8	167.7	85	-276.3
44860	-13.6	170.5	82	-279.0
44870	-12.3	173.3	79	-281.9
44880	-11.0	176.1	76	-283.7
44890	-10.7	179.0	73	-286.1
44900	-10.6	181.9	71	-287.5
44910	-10.6	184.8	68	-289.3
44920	-11.3	187.7	65	-290.9
44930	-10.3	190.6	62	-291.5
44940	-9.1	193.5	59	-291.2
44950	-8.8	196.4	56	-291.2
44960	-9.5	199.3	53	-291.5
44970	-9.2	202.2	50	-291.2
44980	-9.4	205.2	47	-290.9
44990	-7.9	208.1	44	-291.2
45000	-4.7	211.0	41	-291.2
45010	-3.4	213.9	39	-290.7
45020	-3.4	216.8	36	-290.7
45030	-3.3	219.7	33	-290.4
45040	-3.1	222.6	30	-289.6
45050	-3.1	225.5	27	-289.3
45060	-2.7	228.4	24	-288.8
45070	-2.7	231.3	21	-288.3
45080	-2.6	234.1	18	-287.5
45090	0.0	237.0	15	-286.9
45100	6.8	239.9	13	-284.5
45110	11.1	242.7	10	-280.8
45120	10.2	245.5	7	-276.3
45130	5.8	248.2	4	-272.3
45140	2.6	250.9	2	-269.6
45150	3.5	253.6	-1	-267.5
45160	7.1	256.2	-4	-264.8
45170	10.8	258.9	-6	-260.6
45180	12.3	261.3	-9	-230.5
45190	-2.6	263.6	-11	-194.0
45200	-25.8	265.4	-13	-173.0
45210	-57.0	266.9	-14	-139.7
45220	-70.1	268.1	-16	-101.1
45230	-60.2	269.1	-17	-88.9
45240	-32.1	269.8	-17	-68.6
45250	-4.9	270.3	-18	-46.3
45260	0.3	270.8	-18	-39.6
45270	4.5	271.1	-19	-27.9
45280	15.9	271.4	-19	-23.1
45290	20.7	271.5	-19	-14.6
45300	19.9	271.7	-19	-11.4

45310	16.3	271.7	-19	-4.7
45320	12.6	271.7	-19	-0.7
45330	15.6	271.7	-19	0.5
45340	20.7	271.7	-19	4.7
45350	21.7	271.6	-19	10.6
45360	17.4	271.5	-19	17.0
45370	11.7	271.3	-19	19.9
45380	8.5	271.1	-19	21.0
45390	10.4	270.8	-18	28.2
45400	15.7	270.5	-18	28.4
45410	21.7	270.2	-18	33.0
45420	25.2	269.9	-17	35.1
45430	24.4	269.4	-17	50.5

ISOK_EXERC_FLEX/EXT_300_R_SIDE
01/07
Set #4

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	11.1	241.8	11	65.2
10	35.4	241.1	11	69.4
20	44.9	240.3	12	79.8
30	33.6	239.4	13	92.9
40	9.9	238.4	14	102.4
50	0.4	237.4	15	105.9
60	0.1	236.3	16	105.6
70	-3.0	235.3	17	104.6
80	2.0	234.2	18	103.8
90	2.2	233.2	19	103.8
100	8.4	232.1	20	104.3
110	22.9	231.1	21	107.2
120	25.0	230.0	22	113.1
130	14.4	228.8	24	119.5
140	3.3	227.6	25	122.9
150	1.4	226.3	26	123.5
160	2.3	225.1	27	123.5
170	5.7	223.9	29	123.7
180	12.9	222.6	30	125.1
190	16.4	221.3	31	128.3
200	13.4	220.0	32	132.5
210	7.7	218.7	34	135.5
220	3.4	217.3	35	137.1
230	3.0	215.9	37	137.6
240	6.9	214.5	38	137.9
250	11.4	213.2	39	139.5
260	13.3	211.7	41	142.1
270	12.7	210.3	42	145.3
280	10.2	208.8	44	148.5
290	6.8	207.3	45	150.6
300	3.8	205.8	47	151.7
310	2.3	204.3	48	152.2
320	2.3	202.8	50	152.5
330	4.2	201.2	51	152.2
340	8.4	199.7	53	153.3
350	12.5	198.2	54	154.9
360	13.6	196.6	56	158.1
370	10.6	195.0	57	161.0
380	4.6	193.3	59	163.1
390	1.8	191.7	61	163.7
400	2.3	190.1	62	163.4
410	3.3	188.4	64	163.7
420	6.5	186.8	66	163.9
430	9.5	185.2	67	165.0
440	9.4	183.5	69	167.1
450	6.4	181.8	71	169.0
460	2.7	180.1	72	169.8
470	2.4	178.4	74	170.1
480	3.8	176.7	76	170.1

490	6.4	175.0	77	170.6
500	9.1	173.3	79	171.4
510	8.7	171.6	81	173.3
520	6.2	169.8	83	174.9
530	4.3	168.1	84	175.7
540	3.5	166.3	86	176.2
550	4.1	164.5	88	176.2
560	5.0	162.8	90	176.7
570	6.0	161.0	91	177.5
580	6.5	159.2	93	178.6
590	6.0	157.4	95	179.4
600	5.2	155.6	97	180.7
610	5.2	153.8	99	181.0
620	5.8	152.0	100	181.8
630	6.5	150.2	102	182.8
640	6.5	148.3	104	183.6
650	5.6	146.5	106	184.4
660	4.3	144.6	108	185.0
670	3.9	142.8	110	185.5
680	4.3	140.9	112	185.8
690	5.0	139.1	113	186.3
700	5.6	137.2	115	186.8
710	5.3	135.3	117	187.6
720	4.6	133.4	119	188.2
730	3.9	131.5	121	188.4
740	3.5	129.7	123	189.0
750	3.4	127.8	125	189.0
760	2.8	125.9	127	189.2
770	2.6	124.0	128	189.2
780	2.2	122.1	130	188.7
790	2.2	120.2	132	188.4
800	2.0	118.3	134	188.4
810	1.9	116.4	136	187.9
820	1.8	114.6	138	187.9
830	1.1	112.7	140	187.4
840	-3.8	110.8	142	186.3
850	-7.5	109.0	143	183.9
860	-6.1	107.2	145	181.0
870	-2.7	105.4	147	178.6
880	-1.1	103.6	149	177.3
890	-1.8	101.8	151	175.9
900	-3.3	100.1	152	174.3
910	-4.5	98.3	154	172.2
920	-4.1	96.6	156	170.3
930	-3.1	94.9	158	168.2
940	-3.0	93.3	159	166.3
950	-3.5	91.6	161	164.7
960	-4.6	90.0	162	162.6
970	-5.7	88.4	164	160.2
980	-6.6	86.8	166	157.8
990	-7.5	85.3	167	139.5
1000	-3.4	83.8	169	129.6
1010	2.3	82.5	170	138.1
1020	8.5	81.4	171	112.0

1030	22.6	80.3	172	89.1
1040	28.5	79.4	173	87.3
1050	21.6	78.6	174	76.1
1060	9.8	77.9	175	72.1
1070	0.5	77.3	175	56.4
1080	0.1	76.9	176	44.4
1090	0.1	76.4	176	43.1
1100	-3.1	76.0	176	41.2
1110	-9.5	75.7	177	32.2
1120	-13.2	75.4	177	27.1
1130	-13.0	75.1	177	25.5
1140	-10.6	75.0	177	19.9
1150	-7.7	74.8	178	17.3
1160	-8.1	74.6	178	13.3
1170	-12.1	74.5	178	11.9
1180	-17.6	74.4	178	6.9
1190	-22.1	74.4	178	2.1
1200	-26.3	74.4	178	-1.0
1210	-29.3	74.4	178	-8.2
1220	-30.0	74.6	178	-13.8
1230	-28.3	74.8	178	-21.2
1240	-26.4	75.1	177	-28.2
1250	-26.4	75.5	177	-42.0
1260	-27.1	75.9	177	-45.2
1270	-27.9	76.4	176	-47.6
1280	-27.9	77.0	175	-66.5
1290	-27.3	77.7	175	-74.0
1300	-26.7	78.4	174	-82.7
1310	-26.6	79.2	173	-81.9
1320	-26.8	80.0	172	-80.3
1330	-27.0	81.0	171	-86.5
1340	-26.6	82.0	170	-93.4
1350	-25.0	83.1	169	-101.1
1360	-22.9	84.2	168	-105.1
1370	-21.3	85.5	167	-122.9
1380	-21.3	86.8	166	-128.3
1390	-22.1	88.1	164	-134.1
1400	-23.1	89.5	163	-140.0
1410	-22.9	90.9	162	-146.4
1420	-21.4	92.5	160	-152.5
1430	-19.0	94.0	158	-157.8
1440	-17.0	95.6	157	-162.3
1450	-16.1	97.3	155	-166.9
1460	-15.2	99.0	153	-170.9
1470	-14.1	100.7	152	-174.3
1480	-13.3	102.5	150	-177.5
1490	-12.9	104.3	148	-180.4
1500	-13.4	106.1	146	-183.6
1510	-15.1	108.0	144	-186.8
1520	-14.4	109.9	143	-190.3
1530	-12.5	111.8	141	-193.2
1540	-10.6	113.8	139	-195.9
1550	-9.5	115.7	137	-198.6
1560	-8.5	117.7	135	-200.4

1570	-7.9	119.7	133	-201.7
1580	-7.7	121.8	131	-203.1
1590	-8.7	123.8	129	-204.9
1600	-10.3	125.9	127	-207.1
1610	-10.8	128.0	124	-208.9
1620	-10.0	130.1	122	-210.8
1630	-8.8	132.2	120	-212.9
1640	-8.0	134.3	118	-214.5
1650	-7.2	136.5	116	-215.6
1660	-6.6	138.7	114	-216.7
1670	-6.8	140.8	112	-217.2
1680	-8.5	143.0	109	-218.5
1690	-9.6	145.2	107	-220.1
1700	-8.8	147.4	105	-221.7
1710	-8.4	149.7	103	-223.3
1720	-9.4	151.9	101	-224.6
1730	-9.6	154.2	98	-226.2
1740	-8.9	156.4	96	-227.8
1750	-7.6	158.7	94	-229.2
1760	-8.7	161.0	91	-230.8
1770	-9.2	163.3	89	-232.4
1780	-9.1	165.7	87	-233.7
1790	-8.1	168.0	84	-235.0
1800	-7.1	170.4	82	-236.4
1810	-6.2	172.8	80	-237.2
1820	-6.6	175.1	77	-238.0
1830	-8.7	177.5	75	-238.8
1840	-10.4	179.9	73	-240.3
1850	-10.6	182.3	70	-242.5
1860	-8.4	184.8	68	-244.1
1870	-6.2	187.2	65	-245.1
1880	-4.3	189.7	63	-245.7
1890	-3.5	192.1	60	-245.4
1900	-3.8	194.6	58	-245.7
1910	-4.6	197.0	55	-245.4
1920	-5.4	199.5	53	-245.4
1930	-4.9	202.0	50	-245.9
1940	-4.2	204.4	48	-246.2
1950	-3.1	206.9	46	-246.5
1960	-2.6	209.4	43	-246.2
1970	-2.4	211.8	41	-245.9
1980	-2.6	214.3	38	-245.7
1990	-2.3	216.7	36	-245.1
2000	-1.9	219.2	33	-244.6
2010	2.0	221.6	31	-243.5
2020	7.5	224.0	28	-240.9
2030	8.4	226.4	26	-237.4
2040	5.2	228.8	24	-234.0
2050	1.5	231.1	21	-231.6
2060	-1.1	233.4	19	-230.2
2070	-0.5	235.7	17	-229.7
2080	1.9	238.0	14	-228.9
2090	4.3	240.3	12	-226.8
2100	5.2	242.5	10	-224.1

2110	4.2	244.7	8	-221.4
2120	2.3	246.9	6	-219.1
2130	1.4	249.1	3	-217.5
2140	1.2	251.3	1	-216.1
2150	3.8	253.4	-1	-214.5
2160	6.5	255.5	-3	-212.1
2170	7.9	257.6	-5	-208.7
2180	7.5	259.7	-7	-205.5
2190	5.3	261.7	-9	-218.5
2200	-3.4	263.4	-11	-168.5
2210	-17.9	264.9	-12	-141.3
2220	-39.9	266.1	-14	-107.2
2230	-46.6	267.2	-15	-101.4
2240	-39.3	268.1	-16	-84.3
2250	-21.2	268.8	-16	-62.0
2260	-2.0	269.4	-17	-56.4
2270	0.4	269.9	-17	-41.2
2280	1.5	270.3	-18	-38.8
2290	9.9	270.6	-18	-27.9
2300	17.1	270.9	-18	-24.7
2310	20.5	271.1	-19	-17.0
2320	19.5	271.2	-19	-13.0
2330	17.0	271.3	-19	-7.1
2340	15.1	271.4	-19	-3.1
2350	15.5	271.4	-19	0.7
2360	19.0	271.3	-19	1.5
2370	20.9	271.3	-19	7.1
2380	20.3	271.2	-19	13.8
2390	18.4	271.0	-19	20.2
2400	17.6	270.8	-18	23.1
2410	18.3	270.5	-18	25.0
2420	20.5	270.2	-18	33.0
2430	22.5	269.8	-17	38.8
2440	23.9	269.4	-17	49.5
2450	23.7	268.9	-16	51.3
2460	22.8	268.3	-16	51.9
2470	21.4	267.7	-15	69.2
2480	20.7	267.0	-15	75.6
2490	20.2	266.3	-14	82.7
2500	20.2	265.5	-13	88.9
2510	20.7	264.6	-12	94.5
2520	20.7	263.8	-11	91.3
2530	20.1	262.8	-10	87.0
2540	19.1	261.8	-9	92.9
2550	18.6	260.8	-8	96.1
2560	18.4	259.6	-7	111.5
2570	19.0	258.4	-6	116.8
2580	18.8	257.2	-5	121.6
2590	18.0	256.0	-4	126.7
2600	16.8	254.7	-2	131.2
2610	15.7	253.3	-1	135.5
2620	14.4	251.9	1	139.5
2630	14.4	250.5	2	143.2
2640	15.1	249.1	3	146.9

2650	15.1	247.6	5	150.6
2660	13.8	246.0	6	154.4
2670	12.3	244.5	8	157.6
2680	11.5	242.9	10	160.5
2690	11.9	241.2	11	163.4
2700	12.6	239.6	13	166.1
2710	12.5	237.9	15	169.0
2720	11.7	236.2	16	171.9
2730	10.4	234.4	18	174.6
2740	9.2	232.7	20	177.0
2750	8.4	230.9	22	178.9
2760	7.9	229.1	23	180.4
2770	7.7	227.3	25	181.8
2780	8.3	225.5	27	183.4
2790	8.7	223.6	29	184.7
2800	8.7	221.7	31	186.3
2810	8.3	219.9	33	188.2
2820	8.0	218.0	34	189.5
2830	7.5	216.1	36	190.8
2840	7.3	214.2	38	192.4
2850	7.1	212.2	40	193.5
2860	6.0	210.3	42	194.8
2870	5.6	208.3	44	195.6
2880	5.8	206.4	46	196.4
2890	6.4	204.4	48	197.5
2900	6.6	202.4	50	198.3
2910	6.1	200.4	52	199.6
2920	4.7	198.4	54	200.4
2930	4.1	196.4	56	200.7
2940	4.3	194.4	58	200.9
2950	4.5	192.4	60	201.2
2960	4.3	190.4	62	201.7
2970	3.8	188.3	64	202.0
2980	3.7	186.3	66	202.0
2990	3.5	184.3	68	202.3
3000	3.5	182.3	70	202.3
3010	2.8	180.3	72	202.5
3020	2.6	178.2	74	202.3
3030	2.4	176.2	76	202.0
3040	2.3	174.2	78	202.0
3050	2.3	172.2	80	201.2
3060	2.3	170.2	82	201.2
3070	2.2	168.1	84	200.9
3080	2.2	166.1	86	200.9
3090	2.0	164.1	88	200.7
3100	2.0	162.1	90	200.1
3110	2.0	160.1	92	199.9
3120	1.9	158.1	94	199.4
3130	1.8	156.1	96	199.1
3140	0.4	154.2	98	198.3
3150	-0.8	152.2	100	197.2
3160	-0.4	150.2	102	196.2
3170	0.7	148.3	104	195.6
3180	0.9	146.3	106	194.8

3190	1.5	144.4	108	194.0
3200	1.9	142.4	110	193.5
3210	1.8	140.5	112	193.2
3220	1.6	138.6	114	192.7
3230	1.8	136.6	116	192.4
3240	2.0	134.7	118	192.2
3250	2.0	132.8	120	191.9
3260	2.0	130.9	122	191.4
3270	2.0	129.0	123	191.4
3280	1.9	127.1	125	191.1
3290	1.8	125.1	127	190.6
3300	1.6	123.2	129	190.0
3310	0.8	121.3	131	189.8
3320	-0.1	119.5	133	188.7
3330	-0.1	117.6	135	188.2
3340	0.5	115.7	137	186.8
3350	0.9	113.8	139	186.3
3360	0.5	112.0	140	185.8
3370	-0.5	110.1	142	185.0
3380	-1.2	108.3	144	183.6
3390	-1.2	106.5	146	182.6
3400	-1.4	104.6	148	181.0
3410	-2.0	102.8	150	179.9
3420	-2.8	101.0	151	178.1
3430	-3.0	99.3	153	176.5
3440	-3.0	97.5	155	174.9
3450	-3.5	95.8	157	173.3
3460	-4.7	94.1	158	171.1
3470	-6.1	92.4	160	169.0
3480	-6.8	90.7	162	166.3
3490	-6.6	89.1	163	163.4
3500	-7.3	87.5	165	160.5
3510	-8.1	85.9	167	157.8
3520	-8.3	84.4	168	137.3
3530	-0.5	82.9	170	148.2
3540	2.4	81.8	171	119.0
3550	8.0	80.7	172	104.3
3560	19.3	79.7	173	82.5
3570	20.9	78.9	174	80.6
3580	12.9	78.2	174	70.0
3590	2.2	77.5	175	59.9
3600	-0.1	77.0	175	46.8
3610	-0.1	76.5	176	45.5
3620	-7.2	76.1	176	43.3
3630	-13.6	75.8	177	33.2
3640	-14.9	75.5	177	31.1
3650	-13.4	75.2	177	24.2
3660	-10.8	75.0	177	18.6
3670	-9.1	74.8	178	19.4
3680	-10.2	74.7	178	15.4
3690	-14.1	74.5	178	10.6
3700	-18.6	74.5	178	7.4
3710	-22.0	74.4	178	1.3
3720	-25.9	74.4	178	-1.5

3730	-28.5	74.5	178	-8.5
3740	-29.0	74.6	178	-14.1
3750	-28.3	74.9	178	-21.0
3760	-27.3	75.1	177	-27.9
3770	-27.1	75.5	177	-35.1
3780	-27.8	76.0	176	-41.2
3790	-28.2	76.5	176	-58.8
3800	-28.1	77.1	175	-61.2
3810	-27.7	77.7	175	-62.0
3820	-27.4	78.5	174	-83.3
3830	-27.4	79.3	173	-91.5
3840	-27.8	80.2	172	-81.4
3850	-27.9	81.2	171	-107.0
3860	-27.1	82.1	170	-104.8
3870	-25.6	83.2	169	-100.6
3880	-23.5	84.4	168	-106.2
3890	-21.7	85.7	167	-124.3
3900	-22.0	87.0	165	-129.9
3910	-23.3	88.3	164	-136.0
3920	-24.7	89.7	163	-142.4
3930	-24.0	91.2	161	-149.3
3940	-22.5	92.8	160	-155.2
3950	-19.8	94.4	158	-161.0
3960	-18.2	96.0	156	-166.1
3970	-17.8	97.7	155	-170.6
3980	-17.0	99.4	153	-175.1
3990	-15.9	101.2	151	-179.4
4000	-14.9	103.0	149	-183.1
4010	-14.6	104.9	148	-186.6
4020	-15.7	106.8	146	-190.0
4030	-17.0	108.7	144	-193.5
4040	-16.7	110.7	142	-197.5
4050	-14.9	112.7	140	-201.5
4060	-13.2	114.7	138	-204.4
4070	-11.9	116.8	136	-207.1
4080	-11.3	118.9	134	-209.5
4090	-10.6	121.0	131	-211.9
4100	-11.0	123.1	129	-214.0
4110	-12.3	125.3	127	-216.1
4120	-13.6	127.5	125	-218.3
4130	-13.2	129.7	123	-221.2
4140	-12.5	131.9	121	-223.8
4150	-12.2	134.2	118	-226.5
4160	-11.3	136.4	116	-229.2
4170	-10.2	138.8	114	-231.0
4180	-9.9	141.1	111	-232.6
4190	-11.4	143.4	109	-234.8
4200	-12.1	145.8	107	-236.6
4210	-11.1	148.2	104	-239.0
4220	-10.0	150.6	102	-241.1
4230	-9.8	153.0	99	-243.0
4240	-9.2	155.4	97	-244.6
4250	-7.3	157.9	95	-246.5
4260	-7.2	160.4	92	-247.5

4270	-9.1	162.8	90	-248.1
4280	-10.3	165.3	87	-250.2
4290	-10.8	167.9	85	-251.8
4300	-10.8	170.4	82	-253.9
4310	-8.7	173.0	79	-256.1
4320	-6.5	175.5	77	-257.1
4330	-5.8	178.1	74	-257.9
4340	-6.5	180.7	72	-258.5
4350	-7.2	183.3	69	-259.3
4360	-7.6	185.9	67	-260.0
4370	-6.6	188.5	64	-261.1
4380	-4.2	191.1	61	-261.4
4390	-2.8	193.7	59	-261.6
4400	-2.7	196.3	56	-261.1
4410	-2.7	198.9	54	-260.6
4420	-2.6	201.5	51	-260.3
4430	-2.6	204.1	48	-259.8
4440	-2.4	206.7	46	-259.3
4450	-2.2	209.3	43	-258.7
4460	1.6	211.9	41	-257.9
4470	7.6	214.5	38	-255.5
4480	9.8	217.0	35	-251.5
4490	6.2	219.5	33	-248.1
4500	2.2	221.9	31	-245.1
4510	1.1	224.4	28	-243.8
4520	3.4	226.8	26	-241.4
4530	8.1	229.2	23	-239.0
4540	12.2	231.6	21	-235.3
4550	13.2	233.9	19	-230.2
4560	11.7	236.1	16	-225.4
4570	9.1	238.4	14	-221.2
4580	6.9	240.6	12	-217.7
4590	6.8	242.7	10	-214.5
4600	9.4	244.8	8	-211.1
4610	12.2	246.9	6	-207.1
4620	14.5	248.9	4	-202.0
4630	14.9	250.9	2	-196.7
4640	15.3	252.9	0	-191.4
4650	16.0	254.7	-2	-186.0
4660	16.8	256.5	-4	-180.2
4670	18.4	258.3	-6	-173.8
4680	20.1	260.0	-8	-167.1
4690	20.2	261.5	-9	-141.6
4700	9.6	263.0	-11	-148.2
4710	0.0	264.1	-12	-119.2
4720	-1.9	265.2	-13	-104.0
4730	-1.2	266.2	-14	-80.9
4740	-0.3	267.0	-15	-84.6
4750	5.4	267.7	-15	-67.0
4760	16.4	268.3	-16	-51.1
4770	23.5	268.8	-16	-47.6
4780	25.8	269.2	-17	-35.9
4790	24.1	269.5	-17	-32.7
4800	20.9	269.8	-17	-23.4

4810	18.7	270.0	-18	-20.4
4820	19.5	270.2	-18	-17.0
4830	22.2	270.3	-18	-9.5
4840	24.4	270.4	-18	-2.1
4850	26.3	270.3	-18	1.0
4860	27.0	270.3	-18	6.3
4870	24.1	270.2	-18	13.8
4880	20.3	270.0	-18	18.6
4890	17.9	269.7	-17	28.7
4900	18.6	269.4	-17	30.8
4910	21.4	269.1	-17	35.9
4920	24.0	268.7	-16	42.0
4930	24.4	268.2	-16	48.4
4940	22.2	267.7	-15	49.5
4950	18.6	267.1	-15	67.3
4960	16.0	266.4	-14	59.3
4970	16.0	265.7	-13	77.4
4980	18.0	265.0	-13	81.7
4990	19.9	264.2	-12	86.7
5000	20.3	263.4	-11	92.9
5010	19.3	262.5	-10	89.7
5020	17.5	261.6	-9	84.9
5030	16.3	260.6	-8	89.1
5040	16.1	259.5	-7	103.0
5050	17.5	258.5	-6	107.5
5060	18.0	257.4	-5	112.3
5070	17.8	256.2	-4	117.1
5080	17.2	255.0	-3	121.6
5090	15.7	253.8	-1	126.1
5100	14.4	252.5	0	130.1
5110	14.4	251.1	1	133.6
5120	15.5	249.8	3	137.3
5130	16.7	248.4	4	141.3
5140	16.4	246.9	6	145.8
5150	15.7	245.4	7	149.8
5160	14.6	243.9	9	153.6
5170	13.6	242.3	10	157.0
5180	13.2	240.7	12	160.5
5190	12.5	239.1	13	163.4
5200	11.8	237.5	15	166.3
5210	11.4	235.8	17	169.3
5220	10.4	234.1	18	171.7
5230	10.3	232.3	20	173.8
5240	10.0	230.6	22	176.2
5250	9.8	228.8	24	178.3
5260	9.4	227.0	25	180.4
5270	8.9	225.2	27	182.0
5280	8.8	223.3	29	184.2
5290	8.7	221.5	31	185.5
5300	8.4	219.6	33	187.6
5310	8.1	217.7	35	189.0
5320	7.6	215.8	37	190.3
5330	7.6	213.9	39	191.6
5340	7.2	212.0	40	193.2

5350	6.1	210.0	42	194.6
5360	5.6	208.1	44	195.4
5370	5.7	206.1	46	196.2
5380	6.1	204.2	48	197.0
5390	6.4	202.2	50	198.0
5400	6.1	200.2	52	199.1
5410	5.0	198.2	54	199.9
5420	4.5	196.2	56	200.4
5430	5.0	194.2	58	200.7
5440	5.3	192.2	60	201.2
5450	5.2	190.2	62	202.0
5460	4.7	188.1	64	202.5
5470	4.6	186.1	66	202.8
5480	4.3	184.1	68	203.3
5490	3.9	182.0	70	203.6
5500	2.8	180.0	72	203.9
5510	2.4	178.0	74	203.9
5520	2.3	175.9	77	203.6
5530	2.3	173.9	79	203.3
5540	2.4	171.9	81	203.1
5550	2.6	169.8	83	202.5
5560	3.0	167.8	85	202.5
5570	3.4	165.8	87	202.5
5580	3.4	163.8	89	202.8
5590	2.7	161.7	91	202.5
5600	2.4	159.7	93	202.3
5610	2.2	157.7	95	202.3
5620	2.3	155.7	97	201.7
5630	2.2	153.6	99	201.5
5640	2.2	151.6	101	201.2
5650	2.2	149.6	103	200.9
5660	2.2	147.6	105	200.7
5670	2.2	145.6	107	200.7
5680	2.2	143.6	109	199.9
5690	2.2	141.6	111	199.6
5700	2.2	139.6	113	199.6
5710	2.0	137.6	115	199.4
5720	2.0	135.6	117	198.8
5730	2.2	133.6	119	198.3
5740	2.0	131.7	121	198.3
5750	1.8	129.7	123	197.8
5760	1.5	127.7	125	197.5
5770	0.7	125.7	127	196.7
5780	0.1	123.8	129	195.9
5790	-0.1	121.8	131	194.8
5800	-0.5	119.9	133	193.8
5810	0.0	117.9	135	193.0
5820	0.0	116.0	136	191.6
5830	-0.5	114.1	138	190.8
5840	-1.4	112.2	140	189.2
5850	-2.7	110.3	142	187.9
5860	-3.1	108.5	144	186.3
5870	-2.4	106.6	146	184.4
5880	-2.8	104.8	148	182.8

5890	-4.1	103.0	149	181.0
5900	-5.2	101.2	151	178.6
5910	-5.7	99.4	153	176.2
5920	-5.3	97.7	155	173.8
5930	-5.4	95.9	157	171.7
5940	-6.1	94.2	158	169.0
5950	-7.3	92.6	160	166.6
5960	-8.1	90.9	162	163.1
5970	-8.3	89.3	163	160.2
5980	-8.5	87.7	165	157.0
5990	-9.1	86.2	166	153.6
6000	-9.9	84.8	168	134.9
6010	-4.3	83.4	169	120.5
6020	2.2	82.1	170	119.0
6030	3.8	81.1	171	104.8
6040	12.5	80.1	172	83.0
6050	17.6	79.3	173	81.4
6060	12.9	78.5	174	63.8
6070	2.2	77.9	175	62.2
6080	-0.7	77.3	175	53.7
6090	-7.1	76.8	176	46.8
6100	-20.2	76.4	176	42.5
6110	-24.8	76.1	176	31.9
6120	-23.9	75.8	177	25.2
6130	-18.3	75.6	177	20.7
6140	-12.3	75.4	177	14.9
6150	-9.9	75.3	177	10.3
6160	-12.9	75.2	177	9.5
6170	-17.5	75.2	177	4.7
6180	-22.5	75.2	177	-0.7
6190	-25.5	75.2	177	-3.7
6200	-26.3	75.3	177	-9.3
6210	-26.2	75.4	177	-15.7
6220	-26.7	75.7	177	-27.1
6230	-28.1	76.0	176	-31.9
6240	-30.5	76.3	176	-35.6
6250	-31.9	76.8	176	-52.9
6260	-31.1	77.3	175	-56.7
6270	-29.0	78.0	174	-58.5
6280	-27.3	78.7	174	-79.8
6290	-26.8	79.4	173	-80.1
6300	-27.5	80.3	172	-78.5
6310	-29.2	81.3	171	-103.8
6320	-30.2	82.2	170	-101.9
6330	-30.8	83.3	169	-99.0
6340	-30.5	84.5	168	-106.2
6350	-28.9	85.8	167	-126.4
6360	-27.3	87.1	165	-133.9
6370	-26.0	88.5	164	-141.6
6380	-25.4	90.0	162	-148.5
6390	-25.6	91.5	161	-155.7
6400	-25.6	93.1	159	-162.3
6410	-25.8	94.8	158	-169.0
6420	-25.6	96.5	156	-176.2

6430	-24.7	98.3	154	-182.6
6440	-22.9	100.2	152	-189.0
6450	-20.5	102.1	150	-195.1
6460	-18.2	104.1	148	-199.9
6470	-17.2	106.2	146	-204.4
6480	-17.9	108.2	144	-208.4
6490	-18.0	110.4	142	-212.9
6500	-17.2	112.5	140	-217.2
6510	-16.3	114.7	138	-220.9
6520	-15.5	117.0	135	-225.2
6530	-14.5	119.2	133	-228.4
6540	-13.2	121.5	131	-231.6
6550	-12.3	123.9	129	-234.5
6560	-12.9	126.2	126	-237.2
6570	-13.2	128.6	124	-239.6
6580	-12.5	131.1	121	-242.2
6590	-12.5	133.5	119	-244.6
6600	-12.5	136.0	116	-247.0
6610	-11.3	138.5	114	-249.4
6620	-10.0	141.0	111	-251.5
6630	-10.7	143.5	109	-253.4
6640	-11.0	146.0	106	-255.3
6650	-9.8	148.6	104	-256.9
6660	-8.7	151.2	101	-258.5
6670	-7.9	153.8	99	-259.5
6680	-7.1	156.4	96	-260.8
6690	-6.0	159.0	93	-261.4
6700	-7.2	161.6	91	-262.2
6710	-8.7	164.3	88	-262.7
6720	-8.8	166.9	86	-264.3
6730	-7.9	169.5	83	-265.4
6740	-7.5	172.2	80	-266.2
6750	-6.6	174.9	78	-267.2
6760	-6.9	177.5	75	-268.0
6770	-7.7	180.2	72	-268.8
6780	-8.5	182.9	70	-269.6
6790	-8.7	185.6	67	-270.4
6800	-8.1	188.3	64	-272.0
6810	-5.4	191.1	61	-272.6
6820	-3.3	193.8	59	-272.6
6830	-2.8	196.5	56	-272.3
6840	-2.8	199.2	53	-271.8
6850	-2.7	202.0	50	-271.2
6860	-2.7	204.7	48	-270.7
6870	-2.6	207.4	45	-270.4
6880	-2.4	210.1	42	-269.9
6890	0.5	212.8	40	-269.1
6900	6.5	215.5	37	-267.0
6910	9.8	218.1	34	-263.2
6920	7.5	220.7	32	-259.3
6930	3.4	223.3	29	-255.8
6940	1.6	225.8	27	-253.7
6950	3.1	228.3	24	-251.8
6960	6.9	230.8	22	-249.1

6970	10.4	233.3	19	-245.4
6980	12.2	235.7	17	-240.9
6990	11.4	238.1	14	-236.4
7000	9.4	240.4	12	-231.8
7010	8.5	242.7	10	-228.1
7020	9.8	245.0	7	-224.1
7030	12.3	247.2	5	-219.9
7040	15.1	249.3	3	-215.1
7050	16.3	251.4	1	-209.2
7060	17.0	253.5	-1	-203.3
7070	16.3	255.5	-3	-197.2
7080	14.9	257.4	-5	-191.6
7090	14.0	259.3	-7	-186.6
7100	13.8	261.0	-9	-163.1
7110	6.4	262.7	-10	-141.6
7120	-2.6	264.1	-12	-136.3
7130	-3.1	265.3	-13	-127.5
7140	-12.3	266.3	-14	-99.8
7150	-17.0	267.2	-15	-85.7
7160	-9.5	268.0	-16	-79.6
7170	1.1	268.6	-16	-61.2
7180	1.4	269.2	-17	-56.9
7190	17.1	269.6	-17	-42.8
7200	33.5	270.0	-18	-29.0
7210	35.7	270.2	-18	-22.0
7220	27.0	270.4	-18	-14.3
7230	17.1	270.4	-18	-6.3
7240	11.5	270.5	-18	-2.9
7250	14.5	270.5	-18	0.5
7260	24.0	270.5	-18	1.8
7270	31.6	270.4	-18	9.3
7280	31.5	270.3	-18	18.3
7290	25.8	270.0	-18	24.7
7300	18.7	269.7	-17	28.7
7310	16.0	269.4	-17	40.7
7320	19.7	269.0	-17	45.2
7330	26.3	268.5	-16	51.6
7340	31.3	268.0	-16	59.6
7350	31.2	267.4	-15	62.5
7360	26.3	266.7	-14	78.0
7370	20.7	265.9	-13	77.7
7380	18.0	265.1	-13	74.5
7390	19.5	264.2	-12	96.6
7400	23.3	263.3	-11	102.4
7410	26.0	262.3	-10	109.4
7420	25.9	261.3	-9	116.8
7430	22.2	260.2	-8	124.3
7440	18.0	259.0	-7	118.7
7450	15.7	257.8	-5	123.7
7460	15.9	256.5	-4	127.7
7470	18.2	255.2	-3	132.0
7480	20.5	253.8	-1	137.1
7490	20.7	252.4	0	142.4
7500	18.8	251.0	1	147.7

7510	16.5	249.4	3	152.5
7520	14.8	247.9	5	156.5
7530	13.6	246.3	6	160.0
7540	13.8	244.7	8	163.9
7550	14.6	243.0	9	166.9
7560	15.1	241.3	11	170.9
7570	14.5	239.6	13	174.3
7580	12.3	237.8	15	177.5
7590	10.8	236.0	16	180.4
7600	9.6	234.2	18	182.8
7610	10.0	232.3	20	184.7
7620	11.3	230.5	22	187.1
7630	11.3	228.6	24	189.2
7640	10.4	226.7	26	191.9
7650	9.2	224.7	28	194.0
7660	8.0	222.8	30	195.9
7670	6.8	220.8	32	197.2
7680	6.9	218.8	34	198.0
7690	7.3	216.8	36	199.4
7700	8.1	214.8	38	200.4
7710	8.7	212.8	40	202.0
7720	7.7	210.8	42	203.6
7730	6.4	208.7	44	204.9
7740	5.0	206.7	46	205.5
7750	5.0	204.6	48	206.0
7760	5.7	202.6	50	206.5
7770	6.2	200.5	52	207.3
7780	5.6	198.4	54	208.4
7790	5.4	196.3	56	208.7
7800	6.1	194.2	58	209.2
7810	6.2	192.1	60	210.0
7820	5.7	190.0	62	211.1
7830	4.9	187.9	65	211.9
7840	4.6	185.8	67	212.4
7850	4.7	183.6	69	212.7
7860	4.5	181.5	71	213.2
7870	2.8	179.4	73	213.5
7880	2.4	177.2	75	213.2
7890	2.3	175.1	77	212.9
7900	2.3	173.0	79	212.7
7910	2.4	170.9	82	212.1
7920	2.4	168.7	84	212.1
7930	2.4	166.6	86	211.9
7940	2.3	164.5	88	211.3
7950	2.3	162.4	90	211.3
7960	2.3	160.3	92	210.5
7970	2.2	158.2	94	210.5
7980	2.2	156.1	96	210.0
7990	2.2	154.0	98	209.7
8000	2.2	151.9	101	209.5
8010	2.2	149.8	103	208.9
8020	2.0	147.7	105	208.7
8030	1.9	145.6	107	208.4
8040	1.8	143.6	109	207.6

8050	1.8	141.5	111	207.3
8060	1.2	139.4	113	206.8
8070	0.7	137.3	115	206.3
8080	0.8	135.3	117	205.5
8090	1.5	133.2	119	204.4
8100	1.4	131.2	121	203.9
8110	0.3	129.2	123	203.3
8120	-0.7	127.1	125	202.5
8130	-0.7	125.1	127	201.2
8140	-0.4	123.1	129	199.9
8150	-1.4	121.1	131	198.8
8160	-2.0	119.1	133	197.5
8170	-2.0	117.2	135	196.2
8180	-1.6	115.2	137	194.6
8190	-2.0	113.3	139	193.2
8200	-3.4	111.4	141	191.6
8210	-4.3	109.5	143	189.5
8220	-3.9	107.6	145	187.1
8230	-3.3	105.7	147	185.2
8240	-3.8	103.9	149	183.1
8250	-4.6	102.1	150	181.0
8260	-5.3	100.3	152	178.6
8270	-5.8	98.5	154	175.9
8280	-5.4	96.8	156	173.3
8290	-5.6	95.1	157	170.6
8300	-6.1	93.4	159	167.9
8310	-6.9	91.7	161	165.3
8320	-7.6	90.1	162	162.1
8330	-8.3	88.5	164	159.2
8340	-9.5	86.9	166	155.4
8350	-10.8	85.4	167	152.0
8360	-9.5	83.9	169	156.8
8370	-0.4	82.7	170	126.1
8380	2.3	81.5	171	122.7
8390	4.2	80.5	172	88.1
8400	11.8	79.6	173	86.7
8410	11.9	78.8	174	68.4
8420	3.0	78.2	174	66.5
8430	-0.5	77.6	175	58.0
8440	-5.8	77.0	175	50.3
8450	-20.3	76.6	176	46.3
8460	-25.2	76.2	176	34.6
8470	-25.4	75.9	177	30.0
8480	-21.0	75.7	177	20.7
8490	-14.2	75.5	177	14.1
8500	-11.4	75.4	177	13.3
8510	-14.4	75.3	177	8.5
8520	-20.1	75.3	177	3.4
8530	-25.4	75.3	177	-2.1
8540	-29.4	75.3	177	-5.8
8550	-30.6	75.4	177	-12.2
8560	-29.7	75.6	177	-19.7
8570	-29.3	75.9	177	-26.8
8580	-30.2	76.3	176	-34.3

8590	-32.0	76.7	176	-51.3
8600	-33.5	77.2	175	-55.3
8610	-33.6	77.9	175	-58.0
8620	-32.0	78.6	174	-66.0
8630	-29.2	79.4	173	-90.2
8640	-27.1	80.3	172	-98.7
8650	-27.4	81.2	171	-96.6
8660	-29.3	82.2	170	-93.7
8670	-31.6	83.4	169	-123.2
8680	-31.9	84.6	168	-132.0
8690	-29.7	85.8	167	-141.3
8700	-26.4	87.2	165	-136.3
8710	-23.3	88.6	164	-143.7
8720	-22.2	90.1	162	-149.8
8730	-22.1	91.6	161	-156.0
8740	-22.9	93.2	159	-161.5
8750	-23.3	94.9	158	-167.7
8760	-23.2	96.6	156	-173.8
8770	-22.1	98.4	154	-179.7
8780	-20.2	100.2	152	-185.2
8790	-18.0	102.1	150	-190.3
8800	-16.4	104.1	148	-194.8
8810	-15.7	106.0	146	-198.6
8820	-16.1	108.1	144	-202.5
8830	-15.2	110.1	142	-206.3
8840	-14.0	112.2	140	-210.0
8850	-13.2	114.3	138	-212.9
8860	-13.6	116.5	136	-215.9
8870	-13.7	118.7	134	-219.3
8880	-12.9	120.9	132	-222.2
8890	-11.9	123.1	129	-224.9
8900	-11.8	125.4	127	-227.3
8910	-11.7	127.7	125	-229.2
8920	-10.7	130.0	122	-231.6
8930	-10.3	132.3	120	-233.7
8940	-10.7	134.7	118	-235.6
8950	-10.4	137.0	115	-237.7
8960	-9.8	139.4	113	-239.6
8970	-9.8	141.8	111	-241.1
8980	-11.0	144.3	108	-243.3
8990	-11.1	146.7	106	-245.4
9000	-9.8	149.2	103	-247.0
9010	-9.5	151.7	101	-248.3
9020	-8.9	154.2	98	-250.2
9030	-7.9	156.7	96	-251.3
9040	-6.8	159.2	93	-252.3
9050	-8.3	161.7	91	-252.9
9060	-10.2	164.3	88	-254.2
9070	-10.7	166.8	86	-255.5
9080	-10.6	169.4	83	-257.4
9090	-9.8	172.0	80	-259.5
9100	-8.4	174.6	78	-260.6
9110	-6.6	177.2	75	-261.9
9120	-5.3	179.8	73	-262.7

9130	-5.2	182.5	70	-263.0
9140	-6.2	185.1	67	-263.0
9150	-8.3	187.7	65	-263.5
9160	-8.0	190.4	62	-264.6
9170	-5.8	193.0	59	-265.9
9180	-3.4	195.7	57	-265.9
9190	-3.1	198.3	54	-265.6
9200	-2.7	201.0	51	-265.4
9210	-2.8	203.6	49	-264.8
9220	-2.6	206.3	46	-264.8
9230	-2.6	208.9	44	-264.0
9240	-2.4	211.6	41	-263.5
9250	-2.3	214.2	38	-263.0
9260	-0.7	216.8	36	-262.2
9270	4.1	219.4	33	-260.8
9280	8.0	222.0	30	-257.7
9290	7.1	224.6	28	-253.9
9300	5.0	227.1	25	-251.0
9310	3.8	229.6	23	-248.3
9320	4.7	232.0	20	-245.9
9330	7.9	234.5	18	-243.0
9340	10.8	236.9	16	-239.3
9350	11.4	239.2	13	-234.5
9360	9.9	241.6	11	-230.2
9370	8.5	243.8	9	-226.5
9380	8.0	246.1	6	-223.0
9390	9.5	248.3	4	-219.3
9400	11.4	250.4	2	-215.1
9410	13.4	252.5	0	-210.3
9420	15.2	254.6	-2	-204.9
9430	14.9	256.6	-4	-199.6
9440	13.7	258.6	-6	-194.3
9450	12.7	260.5	-8	-189.2
9460	8.7	262.2	-10	-174.3
9470	-3.3	263.8	-11	-161.8
9480	-2.7	265.0	-13	-125.9
9490	-11.7	266.2	-14	-107.2
9500	-19.3	267.1	-15	-91.3
9510	-14.6	267.9	-15	-69.2
9520	-2.3	268.6	-16	-64.9
9530	0.5	269.2	-17	-48.4
9540	6.6	269.7	-17	-49.7
9550	22.6	270.0	-18	-35.9
9560	30.2	270.3	-18	-27.4
9570	28.1	270.5	-18	-18.9
9580	21.6	270.7	-18	-12.7
9590	16.5	270.7	-18	-6.1
9600	15.2	270.8	-18	-1.8
9610	19.8	270.8	-18	0.7
9620	27.4	270.7	-18	5.0
9630	30.1	270.6	-18	11.1
9640	27.0	270.4	-18	18.6
9650	21.0	270.2	-18	25.2
9660	17.0	269.8	-17	37.2

9670	17.8	269.5	-17	38.6
9680	22.6	269.0	-17	39.1
9690	28.3	268.6	-16	44.9
9700	30.9	268.0	-16	63.3
9710	28.9	267.4	-15	65.7
9720	24.0	266.6	-14	73.4
9730	20.2	265.9	-13	79.6
9740	19.1	265.1	-13	76.4
9750	20.5	264.2	-12	82.2
9760	22.6	263.2	-11	85.9
9770	23.6	262.2	-10	91.3
9780	22.8	261.2	-9	96.6
9790	20.5	260.0	-8	113.4
9800	18.3	258.8	-6	119.0
9810	17.0	257.6	-5	123.7
9820	17.4	256.3	-4	128.3
9830	18.8	255.0	-3	133.1
9840	19.5	253.6	-1	137.6
9850	18.0	252.2	0	142.6
9860	16.5	250.8	2	147.2
9870	14.9	249.3	3	151.4
9880	13.6	247.7	5	155.2
9890	13.4	246.1	6	158.6
9900	14.2	244.5	8	161.8
9910	14.9	242.9	10	165.0
9920	15.1	241.2	11	169.0
9930	14.1	239.5	13	172.2
9940	11.9	237.7	15	175.7
9950	10.6	236.0	16	178.1
9960	9.9	234.2	18	180.4
9970	10.8	232.3	20	182.8
9980	11.8	230.5	22	185.5
9990	11.5	228.6	24	187.9
10000	10.3	226.7	26	190.3
10010	9.4	224.8	28	192.4
10020	8.8	222.9	30	194.3
10030	8.3	220.9	32	196.2
10040	8.5	218.9	34	197.5
10050	8.4	216.9	36	199.1
10060	8.0	214.9	38	200.4
10070	7.7	212.9	40	201.7
10080	6.5	210.9	42	203.1
10090	5.6	208.9	44	203.9
10100	5.4	206.8	46	204.7
10110	6.0	204.8	48	205.2
10120	6.4	202.7	50	206.3
10130	6.2	200.6	52	207.1
10140	5.0	198.6	54	207.9
10150	4.2	196.5	56	208.1
10160	4.5	194.4	58	208.4
10170	4.9	192.3	60	208.7
10180	4.9	190.2	62	209.2
10190	4.7	188.1	64	209.7
10200	4.7	186.0	66	210.0

10210	4.6	183.9	69	210.3
10220	3.9	181.8	71	211.1
10230	2.8	179.7	73	211.1
10240	2.3	177.6	75	210.8
10250	2.2	175.5	77	210.5
10260	2.0	173.4	79	210.3
10270	2.2	171.3	81	209.5
10280	2.0	169.2	83	209.5
10290	2.0	167.1	85	208.9
10300	1.9	165.0	87	208.7
10310	1.2	162.9	90	208.1
10320	-0.1	160.9	92	207.3
10330	-0.9	158.8	94	206.3
10340	-0.1	156.7	96	204.7
10350	1.6	154.7	98	203.9
10360	2.4	152.7	100	203.6
10370	2.3	150.6	102	203.3
10380	2.2	148.6	104	203.1
10390	2.2	146.6	106	202.5
10400	2.2	144.5	108	202.5
10410	2.0	142.5	110	202.3
10420	1.8	140.5	112	201.5
10430	1.2	138.5	114	201.2
10440	0.3	136.5	116	200.7
10450	0.1	134.5	118	199.9
10460	0.8	132.5	120	199.1
10470	0.8	130.5	122	198.3
10480	0.1	128.5	124	197.5
10490	-0.5	126.5	126	196.4
10500	-0.4	124.6	128	195.4
10510	-0.8	122.6	130	194.3
10520	-1.8	120.7	132	193.0
10530	-2.4	118.8	134	191.4
10540	-2.0	116.9	136	190.0
10550	-1.9	115.0	137	188.7
10560	-2.8	113.1	139	187.1
10570	-4.7	111.3	141	185.2
10580	-6.0	109.4	143	182.6
10590	-5.6	107.6	145	180.2
10600	-4.6	105.8	147	177.8
10610	-4.9	104.1	148	175.4
10620	-6.4	102.3	150	172.7
10630	-8.0	100.6	152	169.8
10640	-9.2	99.0	153	166.3
10650	-10.0	97.3	155	162.9
10660	-11.0	95.7	157	159.2
10670	-12.5	94.2	158	154.9
10680	-13.2	92.6	160	150.4
10690	-12.9	91.2	161	145.6
10700	-12.2	89.8	163	141.3
10710	-10.7	88.4	164	137.3
10720	-11.4	87.0	165	133.1
10730	-12.2	85.7	167	129.3
10740	-12.2	84.5	168	112.8

10750	-7.2	83.4	169	99.8
10760	-0.5	82.3	170	110.4
10770	1.5	81.4	171	91.0
10780	0.9	80.6	172	73.2
10790	-0.8	79.8	173	72.9
10800	-5.8	79.2	173	64.6
10810	-10.0	78.5	174	57.2
10820	-12.2	78.1	174	51.1
10830	-13.0	77.6	175	45.5
10840	-14.1	77.2	175	36.4
10850	-15.9	76.8	176	36.2
10860	-18.2	76.5	176	27.9
10870	-20.1	76.2	176	25.8
10880	-21.3	76.0	176	17.5
10890	-22.1	75.8	177	14.1
10900	-23.1	75.7	177	6.6
10910	-24.7	75.7	177	0.2
10920	-29.0	75.7	177	-2.9
10930	-33.0	75.8	177	-10.1
10940	-34.6	76.0	176	-16.7
10950	-33.1	76.2	176	-25.2
10960	-30.1	76.6	176	-33.5
10970	-26.6	77.0	175	-41.7
10980	-26.0	77.5	175	-47.6
10990	-27.9	78.1	174	-66.0
11000	-29.4	78.8	174	-67.3
11010	-29.7	79.5	173	-68.1
11020	-27.5	80.4	172	-91.8
11030	-25.5	81.2	171	-99.3
11040	-25.0	82.2	170	-107.2
11050	-26.2	83.2	169	-114.4
11060	-27.5	84.3	168	-122.1
11070	-26.8	85.5	167	-130.1
11080	-24.8	86.7	166	-125.1
11090	-22.2	88.0	164	-132.3
11100	-21.2	89.4	163	-137.9
11110	-22.1	90.8	162	-143.7
11120	-24.0	92.3	160	-149.3
11130	-24.5	93.8	159	-156.2
11140	-24.4	95.4	157	-162.3
11150	-22.8	97.1	155	-168.7
11160	-20.3	98.9	154	-174.9
11170	-18.4	100.6	152	-179.7
11180	-17.2	102.5	150	-184.2
11190	-16.7	104.3	148	-189.0
11200	-17.2	106.3	146	-192.4
11210	-17.8	108.2	144	-196.7
11220	-17.0	110.2	142	-201.2
11230	-15.3	112.3	140	-205.2
11240	-14.6	114.3	138	-208.7
11250	-14.6	116.5	136	-211.9
11260	-14.0	118.6	134	-215.1
11270	-12.5	120.8	132	-218.3
11280	-11.3	123.0	129	-220.9

11290	-11.4	125.2	127	-222.8
11300	-12.1	127.4	125	-225.2
11310	-11.9	129.7	123	-227.6
11320	-11.9	132.0	120	-230.0
11330	-12.2	134.3	118	-232.4
11340	-11.0	136.7	116	-235.0
11350	-9.1	139.0	113	-236.9
11360	-7.9	141.4	111	-238.2
11370	-8.8	143.8	109	-239.3
11380	-9.5	146.2	106	-240.6
11390	-8.9	148.6	104	-242.2
11400	-8.9	151.1	101	-243.5
11410	-9.2	153.5	99	-244.9
11420	-8.4	156.0	96	-246.5
11430	-6.6	158.4	94	-247.5
11440	-6.8	160.9	92	-248.3
11450	-6.9	163.4	89	-249.4
11460	-6.8	165.9	87	-249.9
11470	-6.9	168.4	84	-251.0
11480	-7.1	170.9	82	-251.8
11490	-6.6	173.5	79	-252.6
11500	-6.1	176.0	76	-253.7
11510	-6.0	178.5	74	-253.9
11520	-6.5	181.1	71	-254.7
11530	-6.6	183.6	69	-255.5
11540	-7.3	186.2	66	-256.3
11550	-7.2	188.8	64	-257.7
11560	-5.4	191.4	61	-258.5
11570	-3.9	193.9	59	-258.7
11580	-3.8	196.5	56	-258.7
11590	-3.8	199.1	53	-258.5
11600	-3.9	201.7	51	-258.2
11610	-4.2	204.3	48	-258.5
11620	-3.7	206.9	46	-258.5
11630	-2.7	209.5	43	-258.2
11640	-2.4	212.0	40	-257.7
11650	-2.6	214.6	38	-257.4
11660	-2.4	217.2	35	-256.9
11670	-2.2	219.7	33	-256.3
11680	1.4	222.3	30	-255.3
11690	7.2	224.8	28	-253.1
11700	10.8	227.3	25	-249.7
11710	10.0	229.8	23	-245.1
11720	6.4	232.2	20	-241.1
11730	4.6	234.6	18	-238.5
11740	5.4	237.0	15	-235.6
11750	7.9	239.3	13	-232.6
11760	10.6	241.6	11	-228.9
11770	13.0	243.9	9	-224.6
11780	13.3	246.1	6	-219.6
11790	12.3	248.3	4	-214.5
11800	10.4	250.4	2	-210.0
11810	9.6	252.4	0	-206.0
11820	11.5	254.5	-2	-202.0

11830	13.7	256.4	-4	-197.5
11840	15.1	258.4	-6	-191.9
11850	14.9	260.3	-8	-186.3
11860	9.8	262.0	-10	-190.6
11870	-3.5	263.5	-11	-148.0
11880	-5.0	264.9	-12	-138.9
11890	-18.4	266.0	-14	-108.8
11900	-27.5	266.9	-14	-93.9
11910	-23.7	267.8	-15	-87.0
11920	-10.3	268.5	-16	-66.8
11930	1.1	269.1	-17	-60.6
11940	0.1	269.5	-17	-46.8
11950	7.3	270.0	-18	-43.3
11960	18.2	270.3	-18	-31.6
11970	23.2	270.6	-18	-24.4
11980	20.7	270.7	-18	-18.3
11990	16.0	270.9	-18	-14.6
12000	13.0	271.0	-19	-9.3
12010	13.3	271.1	-19	-5.8
12020	16.1	271.1	-19	-1.0
12030	21.6	271.1	-19	0.2
12040	25.0	271.0	-19	6.1
12050	22.8	270.9	-18	11.7
12060	18.2	270.7	-18	17.3
12070	14.8	270.5	-18	21.5
12080	15.3	270.2	-18	31.1
12090	19.7	269.9	-17	35.1
12100	24.1	269.5	-17	42.0
12110	26.7	269.1	-17	48.7
12120	25.5	268.6	-16	56.9
12130	22.1	268.1	-16	58.5
12140	19.4	267.4	-15	59.1
12150	18.4	266.8	-14	62.8
12160	19.5	266.0	-14	82.5
12170	21.3	265.2	-13	87.8
12180	21.7	264.4	-12	93.9
12190	20.2	263.5	-11	91.0
12200	17.8	262.6	-10	86.5
12210	16.1	261.6	-9	92.1
12220	15.9	260.5	-8	94.5
12230	17.2	259.4	-7	108.8
12240	19.0	258.3	-6	113.9
12250	19.1	257.1	-5	118.7
12260	17.8	255.9	-3	123.7
12270	15.9	254.6	-2	128.3
12280	14.2	253.3	-1	132.3
12290	12.9	251.9	1	136.0
12300	13.4	250.5	2	139.5
12310	14.5	249.1	3	142.6
12320	14.2	247.7	5	146.1
12330	13.2	246.2	6	149.8
12340	12.5	244.6	8	153.3
12350	11.8	243.1	9	156.0
12360	11.8	241.5	11	158.9

12370	11.9	239.9	13	161.5
12380	11.4	238.3	14	164.2
12390	11.0	236.6	16	166.9
12400	10.7	234.9	18	169.5
12410	10.6	233.2	19	171.9
12420	10.6	231.5	21	173.8
12430	10.3	229.7	23	176.2
12440	9.4	227.9	25	178.3
12450	8.4	226.1	26	179.9
12460	8.4	224.3	28	181.8
12470	8.8	222.5	30	183.6
12480	8.9	220.6	32	185.5
12490	9.4	218.8	34	187.1
12500	8.8	216.9	36	189.0
12510	7.9	215.0	37	190.3
12520	7.2	213.1	39	191.9
12530	6.1	211.1	41	193.2
12540	5.6	209.2	43	194.0
12550	5.6	207.3	45	194.6
12560	6.2	205.3	47	195.1
12570	6.8	203.3	49	196.2
12580	6.8	201.4	51	197.2
12590	5.7	199.4	53	198.3
12600	4.3	197.4	55	199.1
12610	4.3	195.4	57	199.4
12620	4.9	193.4	59	199.6
12630	4.9	191.4	61	200.1
12640	4.2	189.4	63	200.4
12650	3.7	187.4	65	200.9
12660	2.8	185.4	67	200.9
12670	2.3	183.4	69	200.9
12680	2.3	181.4	71	200.7
12690	2.3	179.4	73	200.4
12700	2.7	177.4	75	200.1
12710	3.3	175.4	77	199.9
12720	4.3	173.4	79	199.9
12730	4.5	171.4	81	200.1
12740	3.1	169.4	83	200.4
12750	2.3	167.4	85	200.1
12760	2.3	165.4	87	200.1
12770	2.2	163.4	89	199.6
12780	2.3	161.4	91	199.6
12790	2.3	159.4	93	199.4
12800	2.3	157.4	95	199.1
12810	2.3	155.4	97	198.8
12820	2.3	153.4	99	198.3
12830	2.3	151.4	101	198.0
12840	2.4	149.4	103	198.0
12850	2.6	147.5	105	197.8
12860	2.7	145.5	107	197.8
12870	3.0	143.5	109	197.5
12880	3.5	141.5	111	197.2
12890	3.7	139.6	113	197.2
12900	3.8	137.6	115	197.8

12910	3.7	135.6	117	197.8
12920	3.7	133.6	119	198.0
12930	3.5	131.7	121	198.3
12940	3.0	129.7	123	198.3
12950	2.4	127.7	125	198.3
12960	2.0	125.7	127	198.0
12970	2.0	123.7	129	197.8
12980	1.9	121.8	131	197.0
12990	1.8	119.8	133	197.0
13000	1.5	117.8	135	196.4
13010	-1.6	115.9	137	195.6
13020	-5.7	113.9	139	193.5
13030	-5.8	112.0	140	191.1
13040	-3.7	110.1	142	188.7
13050	-0.9	108.2	144	186.8
13060	-0.3	106.4	146	185.8
13070	-2.3	104.5	148	184.4
13080	-5.3	102.7	150	182.6
13090	-6.5	100.9	152	180.2
13100	-5.6	99.1	153	177.3
13110	-4.2	97.4	155	174.9
13120	-4.1	95.6	157	172.7
13130	-5.7	93.9	159	170.9
13140	-7.7	92.2	160	168.2
13150	-8.5	90.6	162	165.0
13160	-8.3	88.9	164	161.8
13170	-7.9	87.3	165	158.9
13180	-7.6	85.8	167	155.7
13190	-7.2	84.3	168	135.2
13200	0.3	83.0	169	119.5
13210	2.6	81.7	171	117.4
13220	7.5	80.7	172	103.0
13230	17.1	79.7	173	81.4
13240	16.3	78.9	174	79.3
13250	6.0	78.2	174	69.2
13260	-0.1	77.6	175	59.6
13270	-3.5	77.0	175	51.3
13280	-14.4	76.6	176	43.9
13290	-21.2	76.2	176	36.7
13300	-22.5	75.9	177	27.1
13310	-19.3	75.6	177	26.6
13320	-14.1	75.4	177	19.1
13330	-11.0	75.3	177	14.1
13340	-12.2	75.1	177	13.8
13350	-15.9	75.0	177	8.7
13360	-20.3	75.0	177	2.9
13370	-24.3	75.0	177	-1.0
13380	-28.2	75.0	177	-6.6
13390	-29.8	75.1	177	-13.3
13400	-30.9	75.3	177	-23.9
13410	-31.2	75.6	177	-33.5
13420	-31.5	76.0	176	-42.5
13430	-31.9	76.4	176	-51.6
13440	-31.7	77.0	175	-62.2

13450	-30.9	77.6	175	-65.2
13460	-30.1	78.3	174	-65.7
13470	-29.4	79.1	173	-73.4
13480	-29.3	80.0	172	-98.5
13490	-30.1	81.0	171	-106.7
13500	-31.2	82.0	170	-115.8
13510	-31.3	83.1	169	-113.4
13520	-30.4	84.3	168	-109.1
13530	-28.3	85.6	167	-129.6
13540	-25.8	87.0	165	-137.1
13550	-23.9	88.4	164	-144.2
13560	-23.2	89.9	163	-150.6
13570	-23.5	91.4	161	-157.0
13580	-23.5	93.0	159	-162.9
13590	-23.7	94.7	158	-169.3
13600	-23.9	96.5	156	-175.4
13610	-23.1	98.3	154	-181.5
13620	-21.2	100.1	152	-187.6
13630	-18.3	102.0	150	-192.7
13640	-15.5	104.0	148	-197.5
13650	-14.5	106.0	146	-200.7
13660	-14.9	108.0	144	-204.4
13670	-15.2	110.1	142	-207.9
13680	-14.6	112.2	140	-211.3
13690	-14.1	114.4	138	-214.8
13700	-14.1	116.5	136	-217.7
13710	-13.4	118.7	134	-221.2
13720	-12.2	121.0	131	-224.1
13730	-11.4	123.2	129	-226.5
13740	-11.7	125.5	127	-228.6
13750	-11.7	127.8	125	-230.8
13760	-10.8	130.1	122	-232.9
13770	-10.2	132.5	120	-235.0
13780	-10.3	134.8	118	-237.2
13790	-10.2	137.2	115	-239.0
13800	-9.6	139.6	113	-240.9
13810	-9.6	142.0	110	-242.5
13820	-10.6	144.5	108	-244.3
13830	-10.0	146.9	106	-246.2
13840	-8.3	149.4	103	-248.1
13850	-8.3	151.9	101	-249.1
13860	-8.0	154.4	98	-249.9
13870	-7.5	156.9	96	-251.3
13880	-7.2	159.4	93	-251.8
13890	-8.8	162.0	90	-253.1
13900	-9.5	164.5	88	-254.5
13910	-8.9	167.1	85	-255.3
13920	-8.4	169.6	83	-256.9
13930	-8.5	172.2	80	-258.2
13940	-8.0	174.8	78	-259.5
13950	-8.0	177.4	75	-260.0
13960	-8.1	180.0	72	-261.4
13970	-7.9	182.6	70	-262.4
13980	-7.1	185.3	67	-263.5

13990	-6.6	187.9	65	-264.0
14000	-5.0	190.5	62	-264.6
14010	-3.4	193.2	59	-264.8
14020	-3.3	195.8	57	-264.3
14030	-3.5	198.5	54	-264.3
14040	-3.4	201.1	51	-264.0
14050	-3.8	203.8	49	-263.5
14060	-4.2	206.4	46	-263.2
14070	-3.3	209.0	43	-263.5
14080	-2.6	211.7	41	-263.0
14090	-2.6	214.3	38	-262.7
14100	-2.4	216.9	36	-262.2
14110	-2.4	219.5	33	-261.6
14120	-1.6	222.1	30	-261.1
14130	3.5	224.7	28	-259.5
14140	10.6	227.3	25	-256.6
14150	11.8	229.8	23	-252.3
14160	8.0	232.3	20	-248.1
14170	3.9	234.8	18	-244.6
14180	2.8	237.2	15	-242.5
14190	4.7	239.6	13	-240.3
14200	8.5	242.0	10	-237.4
14210	11.7	244.4	8	-233.4
14220	11.9	246.7	6	-228.9
14230	10.2	248.9	4	-224.4
14240	7.6	251.1	1	-220.4
14250	8.0	253.3	-1	-217.2
14260	10.6	255.4	-3	-213.2
14270	13.7	257.5	-5	-208.9
14280	15.6	259.6	-7	-203.3
14290	15.1	261.6	-9	-195.6
14300	2.0	263.2	-11	-166.3
14310	-3.5	264.8	-12	-154.1
14320	-16.8	265.9	-13	-118.7
14330	-31.9	267.0	-15	-101.1
14340	-32.0	267.9	-15	-84.6
14350	-18.6	268.6	-16	-63.0
14360	-2.4	269.2	-17	-57.2
14370	0.1	269.7	-17	-42.3
14380	0.7	270.1	-18	-39.4
14390	11.8	270.5	-18	-28.7
14400	22.8	270.7	-18	-24.7
14410	25.6	270.9	-18	-16.2
14420	22.1	271.1	-19	-11.1
14430	17.6	271.1	-19	-5.0
14440	15.9	271.1	-19	-0.7
14450	18.4	271.1	-19	0.5
14460	21.7	271.1	-19	5.0
14470	22.1	271.0	-19	12.2
14480	20.2	270.8	-18	18.6
14490	17.0	270.6	-18	24.7
14500	15.1	270.4	-18	27.1
14510	15.9	270.1	-18	28.2
14520	19.5	269.7	-17	32.4

14530	23.9	269.3	-17	45.5
14540	26.2	268.9	-16	52.7
14550	25.2	268.3	-16	54.8
14560	22.0	267.8	-15	55.1
14570	18.6	267.1	-15	73.7
14580	16.5	266.4	-14	72.1
14590	17.0	265.6	-13	68.9
14600	19.1	264.8	-12	72.9
14610	20.5	264.0	-12	77.4
14620	20.5	263.1	-11	82.5
14630	19.0	262.1	-10	106.2
14640	16.8	261.1	-9	111.5
14650	15.6	260.0	-8	116.3
14660	15.7	258.9	-6	109.9
14670	16.7	257.8	-5	114.2
14680	17.6	256.6	-4	118.7
14690	17.8	255.4	-3	123.5
14700	17.0	254.1	-2	128.0
14710	15.1	252.8	0	132.0
14720	13.7	251.5	1	136.0
14730	14.1	250.1	2	139.5
14740	14.6	248.7	4	143.2
14750	14.9	247.2	5	146.6
14760	14.6	245.7	7	150.4
14770	13.4	244.2	8	153.8
14780	12.1	242.6	10	157.0
14790	11.4	241.0	11	160.0
14800	11.7	239.4	13	162.3
14810	11.9	237.8	15	165.0
14820	11.9	236.1	16	167.9
14830	11.3	234.4	18	170.6
14840	10.6	232.7	20	173.3
14850	10.3	230.9	22	175.7
14860	9.8	229.2	23	177.8
14870	9.6	227.4	25	179.9
14880	9.9	225.5	27	181.8
14890	9.9	223.7	29	183.6
14900	9.5	221.9	31	185.8
14910	8.4	220.0	32	187.6
14920	7.7	218.1	34	189.2
14930	7.3	216.2	36	190.6
14940	7.9	214.3	38	192.2
14950	8.5	212.3	40	193.5
14960	7.7	210.4	42	195.1
14970	6.6	208.4	44	196.4
14980	5.6	206.5	46	197.5
14990	5.6	204.5	48	198.0
15000	6.0	202.5	50	198.8
15010	6.1	200.5	52	199.6
15020	5.3	198.5	54	200.7
15030	4.6	196.5	56	201.2
15040	4.6	194.5	58	201.5
15050	4.3	192.5	60	201.7
15060	4.1	190.4	62	202.3

15070	3.7	188.4	64	202.5
15080	2.8	186.4	66	202.5
15090	2.2	184.4	68	202.3
15100	2.2	182.3	70	202.3
15110	2.0	180.3	72	202.0
15120	2.0	178.3	74	201.5
15130	2.2	176.3	76	201.2
15140	2.0	174.3	78	200.9
15150	2.0	172.3	80	200.4
15160	1.9	170.3	82	200.1
15170	1.6	168.3	84	199.9
15180	0.4	166.3	86	199.1
15190	-1.2	164.3	88	198.0
15200	-0.4	162.3	90	196.7
15210	2.2	160.4	92	196.2
15220	2.4	158.4	94	195.9
15230	2.4	156.4	96	195.9
15240	2.4	154.5	98	195.6
15250	2.3	152.5	100	195.1
15260	2.4	150.6	102	195.1
15270	2.4	148.6	104	194.8
15280	2.6	146.7	106	194.8
15290	3.3	144.7	108	194.6
15300	4.3	142.8	110	194.6
15310	5.4	140.8	112	194.6
15320	4.9	138.9	114	195.6
15330	3.1	136.9	116	195.9
15340	2.3	135.0	117	196.2
15350	2.4	133.0	119	195.9
15360	2.4	131.1	121	195.6
15370	2.7	129.1	123	195.4
15380	2.7	127.1	125	195.4
15390	2.4	125.2	127	195.1
15400	2.2	123.2	129	194.8
15410	1.9	121.3	131	194.6
15420	2.0	119.3	133	194.6
15430	1.9	117.4	135	194.0
15440	1.8	115.5	137	193.8
15450	1.6	113.5	139	193.5
15460	-0.5	111.6	141	192.7
15470	-4.6	109.7	143	191.1
15480	-5.4	107.8	145	189.0
15490	-3.0	105.9	147	186.3
15500	0.0	104.1	148	184.7
15510	0.5	102.2	150	183.6
15520	-0.1	100.4	152	182.6
15530	-1.9	98.6	154	181.5
15540	-2.8	96.8	156	179.9
15550	-3.7	95.0	157	178.3
15560	-4.6	93.2	159	176.2
15570	-5.6	91.5	161	173.8
15580	-6.4	89.8	163	171.1
15590	-6.4	88.1	164	168.2
15600	-6.6	86.4	166	165.5

15610	-7.1	84.9	168	146.4
15620	-0.7	83.3	169	161.5
15630	3.0	82.0	170	128.3
15640	13.4	80.8	172	112.3
15650	27.5	79.8	173	88.1
15660	27.7	78.9	174	85.4
15670	16.1	78.2	174	73.4
15680	2.7	77.5	175	62.8
15690	-0.1	77.0	175	48.1
15700	-2.6	76.5	176	46.3
15710	-12.2	76.1	176	39.1
15720	-17.1	75.7	177	29.2
15730	-16.5	75.4	177	27.4
15740	-13.6	75.2	177	20.7
15750	-10.8	75.0	177	21.5
15760	-11.3	74.8	178	16.5
15770	-14.8	74.7	178	11.7
15780	-19.5	74.6	178	7.9
15790	-24.0	74.6	178	1.3
15800	-28.9	74.6	178	-2.6
15810	-33.6	74.7	178	-10.3
15820	-36.5	74.8	178	-20.2
15830	-37.6	75.1	177	-31.1
15840	-36.6	75.4	177	-42.5
15850	-34.7	75.9	177	-53.5
15860	-33.4	76.4	176	-58.3
15870	-32.1	77.1	175	-60.6
15880	-31.3	77.8	175	-68.6
15890	-30.9	78.7	174	-92.9
15900	-30.5	79.6	173	-102.4
15910	-29.8	80.6	172	-101.1
15920	-29.6	81.6	171	-97.7
15930	-29.4	82.8	170	-106.7
15940	-30.0	84.0	168	-112.0
15950	-30.0	85.3	167	-119.0
15960	-29.2	86.7	166	-140.2
15970	-26.8	88.2	164	-148.2
15980	-24.4	89.7	163	-155.2
15990	-22.5	91.3	161	-161.5
16000	-21.8	93.0	159	-167.7
16010	-22.4	94.7	158	-173.3
16020	-23.5	96.5	156	-179.4
16030	-23.3	98.3	154	-185.0
16040	-20.9	100.2	152	-191.1
16050	-17.4	102.2	150	-196.4
16060	-14.2	104.2	148	-200.7
16070	-13.8	106.2	146	-203.6
16080	-15.1	108.3	144	-207.1
16090	-15.6	110.4	142	-210.5
16100	-15.2	112.5	140	-214.3
16110	-14.1	114.7	138	-217.5
16120	-13.4	116.9	136	-220.6
16130	-12.7	119.1	133	-223.6
16140	-11.5	121.4	131	-226.2

16150	-11.1	123.6	129	-228.6
16160	-11.7	125.9	127	-230.8
16170	-11.8	128.3	124	-233.2
16180	-10.7	130.6	122	-235.6
16190	-10.7	133.0	119	-237.4
16200	-11.4	135.4	117	-239.6
16210	-11.1	137.8	115	-241.4
16220	-10.3	140.2	112	-243.5
16230	-10.0	142.7	110	-245.7
16240	-10.6	145.1	107	-247.5
16250	-9.6	147.6	105	-249.7
16260	-9.1	150.1	102	-251.5
16270	-9.2	152.7	100	-253.1
16280	-9.2	155.2	97	-254.7
16290	-7.5	157.8	95	-256.1
16300	-7.7	160.3	92	-256.9
16310	-9.6	162.9	90	-258.2
16320	-9.8	165.5	87	-260.3
16330	-9.1	168.1	84	-261.9
16340	-8.8	170.8	82	-263.5
16350	-9.2	173.4	79	-264.6
16360	-9.5	176.1	76	-266.4
16370	-9.6	178.7	74	-267.8
16380	-9.4	181.4	71	-269.4
16390	-8.0	184.1	68	-270.4
16400	-6.6	186.8	66	-271.8
16410	-4.6	189.6	63	-272.6
16420	-3.3	192.3	60	-272.8
16430	-3.1	195.0	57	-272.6
16440	-3.5	197.8	55	-272.3
16450	-3.8	200.5	52	-272.0
16460	-4.2	203.2	49	-271.8
16470	-4.5	205.9	47	-271.8
16480	-3.3	208.6	44	-271.8
16490	-2.6	211.3	41	-271.5
16500	-2.6	214.0	38	-270.4
16510	-2.4	216.8	36	-270.2
16520	-2.2	219.4	33	-269.6
16530	1.9	222.1	30	-268.3
16540	6.9	224.8	28	-265.9
16550	8.9	227.4	25	-262.4
16560	6.6	230.0	22	-258.7
16570	3.0	232.6	20	-256.1
16580	1.8	235.1	17	-254.2
16590	3.4	237.7	15	-251.8
16600	6.4	240.2	12	-249.7
16610	9.5	242.6	10	-246.2
16620	11.1	245.1	7	-241.9
16630	10.8	247.5	5	-237.4
16640	9.5	249.8	3	-233.2
16650	9.2	252.1	0	-229.4
16660	11.1	254.4	-2	-225.4
16670	13.2	256.6	-4	-220.9
16680	14.4	258.8	-6	-215.6

16690	14.5	260.9	-8	-207.3
16700	5.6	262.7	-10	-186.3
16710	-3.0	264.4	-12	-139.5
16720	-17.9	265.7	-13	-130.4
16730	-37.0	266.9	-14	-109.6
16740	-39.2	267.9	-15	-100.3
16750	-26.4	268.6	-16	-75.0
16760	-5.3	269.3	-17	-66.2
16770	0.7	269.8	-17	-49.2
16780	5.2	270.2	-18	-44.4
16790	17.4	270.5	-18	-31.9
16800	25.2	270.8	-18	-26.6
16810	25.6	271.0	-19	-17.0
16820	21.3	271.1	-19	-10.9
16830	17.4	271.2	-19	-4.2
16840	16.5	271.2	-19	0.5
16850	20.3	271.2	-19	1.5
16860	23.1	271.1	-19	9.0
16870	22.9	271.0	-19	14.6
16880	20.7	270.8	-18	21.8
16890	17.6	270.6	-18	27.6
16900	16.3	270.3	-18	30.3
16910	17.9	269.9	-17	31.1
16920	21.8	269.6	-17	35.9
16930	25.9	269.1	-17	41.2
16940	27.4	268.6	-16	58.3
16950	25.9	268.0	-16	59.9
16960	22.1	267.3	-15	73.4
16970	18.4	266.7	-14	72.4
16980	16.8	265.9	-13	69.7
16990	18.3	265.1	-13	89.9
17000	20.6	264.2	-12	95.0
17010	21.6	263.3	-11	91.8
17020	20.9	262.3	-10	107.5
17030	18.8	261.3	-9	113.4
17040	16.7	260.2	-8	118.7
17050	16.0	259.1	-7	112.3
17060	16.4	258.0	-6	116.6
17070	17.1	256.8	-4	121.1
17080	17.8	255.5	-3	125.6
17090	17.6	254.2	-2	130.1
17100	16.0	252.9	0	134.9
17110	13.6	251.5	1	138.9
17120	12.3	250.1	2	142.1
17130	11.7	248.7	4	145.0
17140	11.8	247.2	5	147.7
17150	12.3	245.7	7	150.6
17160	13.0	244.2	8	153.8
17170	12.7	242.6	10	156.8
17180	12.2	241.0	11	159.7
17190	11.3	239.4	13	162.6
17200	10.2	237.7	15	165.0
17210	9.6	236.1	16	167.4
17220	9.2	234.4	18	169.5

17230	8.9	232.7	20	171.7
17240	8.8	230.9	22	173.5
17250	8.1	229.2	23	175.1
17260	7.3	227.4	25	177.0
17270	7.2	225.6	27	178.1
17280	7.3	223.9	29	179.4
17290	7.1	222.0	30	180.7
17300	6.4	220.2	32	182.0
17310	5.7	218.4	34	182.8
17320	4.9	216.6	36	183.6
17330	4.7	214.7	38	184.2
17340	5.4	212.9	40	184.7
17350	5.2	211.0	41	185.5
17360	4.3	209.2	43	186.0
17370	3.5	207.3	45	186.3
17380	3.4	205.4	47	186.3
17390	3.7	203.6	49	186.6
17400	4.3	201.7	51	187.1
17410	4.7	199.8	53	187.1
17420	4.3	197.9	55	187.9
17430	4.2	196.1	56	188.2
17440	4.1	194.2	58	188.4
17450	3.8	192.3	60	188.7
17460	3.5	190.4	62	189.2
17470	3.4	188.5	64	189.2
17480	3.7	186.6	66	189.2
17490	3.8	184.7	68	189.8
17500	4.1	182.8	70	189.8
17510	2.8	180.9	72	190.3
17520	2.2	179.0	73	190.0
17530	2.2	177.1	75	190.0
17540	2.2	175.2	77	189.5
17550	2.4	173.3	79	189.5
17560	2.6	171.4	81	189.0
17570	2.6	169.6	83	188.7
17580	2.8	167.7	85	188.7
17590	3.4	165.8	87	189.0
17600	3.5	163.9	89	188.7
17610	3.7	162.0	90	188.7
17620	4.1	160.1	92	189.0
17630	4.2	158.2	94	189.5
17640	3.7	156.3	96	189.8
17650	3.5	154.4	98	190.3
17660	3.5	152.5	100	190.0
17670	3.9	150.6	102	190.6
17680	4.2	148.7	104	190.8
17690	4.7	146.8	106	190.8
17700	4.7	144.9	108	191.4
17710	5.0	142.9	110	192.2
17720	5.3	141.0	111	192.7
17730	5.0	139.1	113	193.2
17740	4.3	137.2	115	193.8
17750	3.7	135.2	117	194.3
17760	3.7	133.3	119	194.3

17770	3.9	131.3	121	194.3
17780	4.2	129.4	123	194.8
17790	3.7	127.4	125	195.1
17800	2.6	125.5	127	195.4
17810	2.4	123.5	129	195.1
17820	2.2	121.6	131	194.8
17830	2.2	119.6	133	194.3
17840	2.0	117.7	135	194.3
17850	2.0	115.7	137	194.0
17860	1.9	113.8	139	193.8
17870	1.9	111.9	141	193.2
17880	1.6	109.9	143	193.0
17890	-0.7	108.0	144	192.2
17900	-4.6	106.1	146	190.6
17910	-6.2	104.2	148	187.9
17920	-4.1	102.4	150	185.2
17930	-0.4	100.5	152	183.4
17940	1.2	98.7	154	182.6
17950	0.5	96.9	156	182.0
17960	-2.3	95.1	157	181.2
17970	-5.7	93.3	159	179.1
17980	-6.6	91.5	161	176.5
17990	-5.4	89.7	163	173.5
18000	-3.8	88.0	164	171.4
18010	-3.9	86.3	166	169.5
18020	-5.7	84.7	168	150.4
18030	-1.5	83.2	169	134.7
18040	2.8	81.8	171	130.1
18050	12.3	80.6	172	101.4
18060	25.8	79.6	173	98.7
18070	26.3	78.7	174	85.4
18080	14.9	78.0	174	73.4
18090	0.3	77.3	175	61.7
18100	-0.5	76.8	176	53.2
18110	-7.2	76.3	176	45.2
18120	-16.8	75.9	177	40.9
18130	-19.3	75.6	177	28.2
18140	-18.3	75.3	177	28.4
18150	-15.7	75.1	177	21.0
18160	-13.6	74.9	178	14.9
18170	-13.6	74.8	178	11.4
18180	-16.5	74.7	178	9.3
18190	-19.7	74.6	178	3.4
18200	-22.6	74.6	178	-1.0
18210	-27.5	74.7	178	-5.0
18220	-31.2	74.8	178	-11.4
18230	-32.5	75.0	177	-19.1
18240	-32.1	75.2	177	-27.4
18250	-30.9	75.6	177	-35.1
18260	-30.2	76.1	176	-42.5
18270	-30.1	76.6	176	-50.3
18280	-29.7	77.3	175	-70.8
18290	-29.2	78.0	174	-79.3
18300	-28.3	78.7	174	-86.7

18310	-27.3	79.6	173	-96.6
18320	-26.6	80.5	172	-104.6
18330	-26.6	81.5	171	-110.7
18340	-26.2	82.6	170	-120.3
18350	-25.8	83.8	169	-127.5
18360	-24.7	85.0	167	-134.9
18370	-23.1	86.2	166	-129.3
18380	-21.7	87.6	165	-135.2
18390	-20.9	89.0	163	-141.0
18400	-21.2	90.4	162	-146.9
18410	-22.1	91.9	161	-152.2
18420	-22.2	93.5	159	-158.1
18430	-21.7	95.1	157	-163.4
18440	-20.7	96.8	156	-169.5
18450	-19.3	98.5	154	-174.6
18460	-16.7	100.3	152	-179.1
18470	-14.4	102.2	150	-183.1
18480	-12.7	104.0	148	-186.8
18490	-12.7	105.9	147	-189.5
18500	-14.1	107.8	145	-192.7
18510	-14.5	109.8	143	-196.2
18520	-13.7	111.8	141	-199.4
18530	-13.2	113.8	139	-202.3
18540	-12.6	115.8	137	-205.7
18550	-11.7	117.9	135	-208.7
18560	-10.2	120.0	132	-210.8
18570	-8.8	122.1	130	-212.7
18580	-8.9	124.3	128	-214.5
18590	-10.3	126.4	126	-216.4
18600	-11.1	128.6	124	-218.5
18610	-10.7	130.8	122	-220.6
18620	-10.7	133.0	119	-222.8
18630	-10.6	135.3	117	-224.9
18640	-9.4	137.5	115	-226.8
18650	-7.6	139.8	113	-228.6
18660	-7.2	142.1	110	-230.0
18670	-9.1	144.4	108	-231.0
18680	-9.8	146.8	106	-232.6
18690	-9.5	149.1	103	-234.5
18700	-9.8	151.5	101	-236.1
18710	-10.0	153.8	99	-238.0
18720	-9.2	156.2	96	-239.6
18730	-7.9	158.6	94	-240.9
18740	-8.7	161.1	91	-242.2
18750	-9.6	163.5	89	-243.5
18760	-10.0	165.9	87	-245.1
18770	-10.3	168.4	84	-247.0
18780	-10.4	170.9	82	-248.6
18790	-9.6	173.4	79	-250.7
18800	-7.7	175.9	77	-252.1
18810	-6.5	178.4	74	-253.7
18820	-6.8	181.0	71	-254.2
18830	-7.9	183.5	69	-255.0
18840	-9.5	186.1	66	-256.3

18850	-9.5	188.7	64	-258.2
18860	-7.3	191.3	61	-259.5
18870	-4.9	193.9	59	-260.6
18880	-4.5	196.5	56	-260.6
18890	-5.3	199.1	53	-260.6
18900	-6.0	201.7	51	-261.1
18910	-6.6	204.3	48	-261.9
18920	-6.0	206.9	46	-262.4
18930	-3.7	209.6	43	-263.0
18940	-2.6	212.2	40	-262.7
18950	-2.6	214.8	38	-262.4
18960	-2.4	217.4	35	-261.9
18970	-2.6	220.0	32	-261.4
18980	-2.2	222.7	30	-260.8
18990	0.4	225.3	27	-260.0
19000	6.0	227.8	25	-257.9
19010	8.8	230.4	22	-254.7
19020	7.2	232.9	20	-251.0
19030	3.5	235.4	17	-247.8
19040	1.5	237.9	15	-245.7
19050	2.2	240.3	12	-244.1
19060	5.0	242.7	10	-241.9
19070	8.7	245.1	7	-238.8
19080	10.2	247.5	5	-235.0
19090	9.4	249.8	3	-231.0
19100	7.9	252.1	0	-227.3
19110	7.7	254.3	-2	-223.6
19120	8.5	256.6	-4	-220.4
19130	9.8	258.7	-6	-216.4
19140	10.6	260.8	-8	-191.4
19150	2.3	262.7	-10	-169.0
19160	-3.8	264.4	-12	-157.3
19170	-20.1	265.8	-13	-117.6
19180	-40.7	266.9	-14	-111.0
19190	-44.2	267.9	-15	-92.3
19200	-29.6	268.7	-16	-67.6
19210	-9.6	269.3	-17	-60.9
19220	0.7	269.8	-17	-43.9
19230	0.3	270.3	-18	-40.4
19240	11.0	270.6	-18	-29.2
19250	20.2	270.9	-18	-25.2
19260	23.6	271.1	-19	-17.0
19270	21.2	271.2	-19	-11.9
19280	17.4	271.3	-19	-6.1
19290	15.5	271.3	-19	-2.1
19300	16.5	271.3	-19	0.7
19310	20.5	271.3	-19	2.9
19320	21.8	271.2	-19	8.2
19330	20.1	271.1	-19	13.5
19340	16.7	270.9	-18	22.3
19350	14.9	270.7	-18	24.7
19360	15.7	270.4	-18	25.8
19370	19.1	270.1	-18	33.2
19380	23.2	269.7	-17	42.5

19390	24.8	269.3	-17	49.5
19400	23.9	268.8	-16	51.6
19410	21.7	268.2	-16	51.9
19420	19.5	267.6	-15	69.7
19430	18.7	266.9	-14	68.6
19440	19.3	266.2	-14	74.0
19450	20.3	265.4	-13	70.8
19460	20.7	264.6	-12	92.6
19470	19.9	263.7	-11	89.4
19480	18.4	262.8	-10	85.1
19490	17.5	261.8	-9	89.4
19500	17.2	260.8	-8	93.4
19510	17.6	259.6	-7	108.3
19520	18.3	258.5	-6	113.1
19530	18.4	257.4	-5	117.9
19540	17.9	256.1	-4	122.9
19550	16.8	254.9	-2	127.7
19560	14.9	253.6	-1	131.7
19570	12.9	252.2	0	136.0
19580	12.7	250.8	2	138.9
19590	13.2	249.4	3	142.1
19600	14.1	248.0	4	145.3
19610	14.5	246.5	6	148.8
19620	14.4	245.0	7	152.5
19630	13.4	243.4	9	156.0
19640	12.1	241.8	11	159.2
19650	10.8	240.2	12	161.8
19660	9.9	238.6	14	164.2
19670	9.6	236.9	16	166.6
19680	10.0	235.3	17	168.5
19690	10.0	233.6	19	170.3
19700	9.9	231.8	21	172.5
19710	9.4	230.1	22	174.9
19720	8.0	228.3	24	176.5
19730	7.3	226.6	26	178.1
19740	7.7	224.8	28	179.4
19750	8.3	223.0	29	181.0
19760	8.1	221.1	31	182.6
19770	7.3	219.3	33	183.9
19780	6.4	217.4	35	185.2
19790	6.0	215.6	37	186.3
19800	6.5	213.7	39	187.1
19810	6.5	211.8	41	188.2
19820	5.8	209.9	43	189.2
19830	5.2	208.0	44	190.0
19840	5.0	206.1	46	190.6
19850	5.7	204.2	48	191.6
19860	6.1	202.3	50	192.2
19870	5.8	200.4	52	193.2
19880	4.7	198.4	54	194.0
19890	4.2	196.5	56	194.3
19900	4.9	194.5	58	194.8
19910	5.6	192.6	60	195.1
19920	5.7	190.6	62	196.2

19930	5.3	188.7	64	197.0
19940	4.6	186.7	66	197.5
19950	3.8	184.7	68	197.8
19960	4.2	182.7	70	197.8
19970	3.1	180.7	72	198.6
19980	2.3	178.8	74	198.3
19990	2.3	176.8	76	198.3
20000	2.6	174.8	78	198.0
20010	3.3	172.8	80	197.8
20020	4.7	170.8	82	197.8
20030	6.1	168.9	84	198.3
20040	5.4	166.9	86	199.1
20050	3.7	164.9	88	199.6
20060	2.6	162.9	90	199.9
20070	2.8	160.9	92	199.4
20080	3.5	158.9	94	199.6
20090	4.1	156.9	96	199.6
20100	4.6	154.9	98	199.9
20110	4.2	152.9	100	200.1
20120	3.5	150.9	102	200.4
20130	2.8	148.9	104	200.7
20140	3.0	146.9	106	200.4
20150	2.7	144.9	108	200.4
20160	2.7	142.9	110	200.1
20170	2.7	140.9	112	200.1
20180	3.0	138.9	114	199.9
20190	3.1	136.9	116	200.1
20200	3.1	134.9	118	199.9
20210	3.3	132.9	120	199.9
20220	2.8	130.9	122	199.6
20230	2.4	128.9	124	199.9
20240	2.0	126.9	126	199.6
20250	2.0	124.9	128	199.1
20260	1.9	122.9	130	198.8
20270	1.9	120.9	132	198.3
20280	1.8	118.9	134	197.8
20290	0.3	116.9	136	197.8
20300	-2.7	115.0	137	196.4
20310	-4.3	113.0	139	194.3
20320	-3.7	111.1	141	192.2
20330	-1.5	109.2	143	190.3
20340	0.7	107.3	145	189.2
20350	0.8	105.4	147	188.4
20360	-0.8	103.5	149	187.9
20370	-2.3	101.7	151	186.3
20380	-2.7	99.8	153	184.7
20390	-1.6	98.0	154	183.1
20400	-0.9	96.2	156	181.8
20410	-1.5	94.4	158	180.4
20420	-3.4	92.6	160	178.9
20430	-5.0	90.8	162	176.7
20440	-5.3	89.0	163	174.6
20450	-5.0	87.3	165	171.9
20460	-4.7	85.6	167	169.5

20470	-3.0	83.9	169	179.1
20480	2.6	82.6	170	142.1
20490	11.0	81.3	171	122.9
20500	28.2	80.1	172	117.4
20510	32.1	79.2	173	93.1
20520	23.9	78.4	174	80.1
20530	10.7	77.7	175	68.1
20540	-0.3	77.1	175	57.5
20550	-0.5	76.5	176	44.4
20560	-8.0	76.1	176	42.0
20570	-16.4	75.7	177	34.8
20580	-17.6	75.4	177	26.0
20590	-15.6	75.2	177	23.9
20600	-12.1	75.0	177	20.2
20610	-10.2	74.8	178	15.4
20620	-11.5	74.6	178	15.4
20630	-15.3	74.5	178	10.1
20640	-19.4	74.5	178	5.8
20650	-22.6	74.5	178	-0.7
20660	-27.1	74.5	178	-3.1
20670	-31.3	74.6	178	-11.7
20680	-34.4	74.7	178	-21.2
20690	-35.8	75.0	177	-28.2
20700	-35.0	75.4	177	-38.0
20710	-33.6	75.8	177	-42.8
20720	-32.3	76.3	176	-51.3
20730	-30.9	77.0	175	-72.4
20740	-29.8	77.7	175	-81.9
20750	-29.2	78.5	174	-90.5
20760	-28.6	79.4	173	-89.9
20770	-27.8	80.3	172	-87.8
20780	-26.8	81.4	171	-115.0
20790	-26.0	82.5	170	-123.2
20800	-26.2	83.6	169	-118.4
20810	-27.1	84.9	168	-112.8
20820	-26.8	86.2	166	-132.5
20830	-25.6	87.6	165	-139.7
20840	-23.1	89.1	163	-146.4
20850	-21.7	90.6	162	-152.5
20860	-20.5	92.1	160	-157.8
20870	-20.3	93.8	159	-163.7
20880	-21.3	95.4	157	-168.7
20890	-21.4	97.2	155	-174.1
20900	-19.7	99.0	153	-179.7
20910	-16.4	100.8	152	-184.4
20920	-13.7	102.7	150	-188.2
20930	-12.3	104.6	148	-191.6
20940	-13.3	106.5	146	-194.3
20950	-15.3	108.5	144	-197.0
20960	-15.5	110.5	142	-200.7
20970	-14.0	112.5	140	-204.1
20980	-12.3	114.6	138	-207.1
20990	-11.4	116.7	136	-209.5
21000	-10.7	118.8	134	-212.1

21010	-10.0	120.9	132	-214.3
21020	-9.5	123.1	129	-216.4
21030	-9.9	125.2	127	-218.0
21040	-10.4	127.4	125	-219.3
21050	-10.3	129.6	123	-221.4
21060	-10.4	131.9	121	-223.3
21070	-10.8	134.1	118	-225.7
21080	-9.8	136.4	116	-227.6
21090	-8.3	138.7	114	-229.2
21100	-7.3	141.0	111	-230.5
21110	-8.3	143.3	109	-231.3
21120	-9.2	145.6	107	-232.6
21130	-8.7	148.0	104	-234.2
21140	-8.5	150.3	102	-235.8
21150	-8.5	152.7	100	-237.2
21160	-8.5	155.1	97	-238.5
21170	-6.6	157.5	95	-240.1
21180	-6.1	159.9	93	-240.3
21190	-7.7	162.3	90	-241.1
21200	-9.2	164.7	88	-242.5
21210	-9.1	167.1	85	-244.1
21220	-8.0	169.6	83	-245.4
21230	-6.2	172.1	80	-246.5
21240	-4.9	174.5	78	-247.0
21250	-4.9	177.0	75	-247.5
21260	-6.4	179.5	73	-247.8
21270	-8.3	182.0	70	-248.3
21280	-8.9	184.5	68	-249.7
21290	-8.1	187.0	65	-251.3
21300	-5.8	189.5	63	-252.3
21310	-3.1	192.0	60	-252.9
21320	-2.6	194.5	58	-252.3
21330	-2.7	197.1	55	-252.1
21340	-2.7	199.6	53	-251.8
21350	-2.7	202.1	50	-251.0
21360	-2.7	204.6	48	-250.7
21370	-2.6	207.1	45	-250.2
21380	-2.6	209.6	43	-249.9
21390	-2.4	212.1	40	-249.7
21400	-2.4	214.6	38	-249.1
21410	-2.0	217.1	35	-248.6
21420	0.8	219.6	33	-247.8
21430	5.2	222.0	30	-245.7
21440	5.7	224.5	28	-243.3
21450	3.5	226.9	26	-240.1
21460	1.8	229.3	23	-238.2
21470	1.2	231.6	21	-236.6
21480	1.9	234.0	18	-235.3
21490	3.9	236.3	16	-233.2
21500	5.8	238.7	14	-230.8
21510	6.0	240.9	12	-227.6
21520	5.3	243.2	9	-224.9
21530	4.3	245.4	7	-222.2
21540	3.7	247.6	5	-219.9

21550	4.6	249.8	3	-217.7
21560	7.3	252.0	0	-214.8
21570	10.4	254.1	-2	-211.6
21580	11.9	256.2	-4	-207.3
21590	11.9	258.2	-6	-202.5
21600	10.4	260.2	-8	-198.3
21610	5.7	262.1	-10	-204.9
21620	-3.3	263.7	-11	-157.3
21630	-14.4	265.1	-13	-132.8
21640	-33.2	266.2	-14	-100.8
21650	-38.9	267.2	-15	-95.8
21660	-30.6	268.1	-16	-80.1
21670	-14.0	268.8	-16	-58.8
21680	0.5	269.3	-17	-53.7
21690	0.3	269.8	-17	-39.9
21700	0.7	270.2	-18	-37.5
21710	10.3	270.5	-18	-27.6
21720	22.0	270.8	-18	-23.9
21730	24.8	271.0	-19	-15.4
21740	20.1	271.1	-19	-10.9
21750	13.6	271.2	-19	-6.3
21760	11.8	271.2	-19	-2.3
21770	14.1	271.2	-19	0.5
21780	19.5	271.2	-19	2.1
21790	21.7	271.1	-19	8.5
21800	20.7	271.0	-19	14.3
21810	17.9	270.8	-18	18.3
21820	14.8	270.6	-18	21.0
21830	13.7	270.3	-18	30.0
21840	15.9	270.0	-18	34.3
21850	19.7	269.7	-17	35.6
21860	23.2	269.3	-17	40.9
21870	24.5	268.9	-16	42.5
21880	23.2	268.3	-16	48.4
21890	20.2	267.7	-15	66.0
21900	18.2	267.1	-15	65.4
21910	17.5	266.4	-14	63.3
21920	18.6	265.7	-13	67.8
21930	20.7	264.9	-12	71.8
21940	21.7	264.0	-12	76.9
21950	21.3	263.2	-11	81.9
21960	20.2	262.2	-10	87.0
21970	19.3	261.2	-9	91.8
21980	18.6	260.1	-8	107.0
21990	18.8	259.0	-7	111.8
22000	19.1	257.8	-5	117.1
22010	18.3	256.6	-4	122.1
22020	17.1	255.3	-3	126.9
22030	15.1	254.0	-2	131.2
22040	13.4	252.7	0	135.2
22050	13.4	251.3	1	138.4
22060	14.8	249.9	3	142.1
22070	15.6	248.5	4	145.6
22080	15.6	247.0	5	149.6

22090	15.1	245.5	7	153.3
22100	13.8	243.9	9	157.0
22110	12.7	242.3	10	160.2
22120	11.9	240.7	12	163.1
22130	11.3	239.0	13	165.8
22140	10.8	237.3	15	168.5
22150	11.0	235.6	17	170.6
22160	10.6	233.9	19	173.5
22170	10.4	232.2	20	175.7
22180	10.3	230.4	22	178.1
22190	9.4	228.6	24	180.2
22200	8.1	226.8	26	182.0
22210	7.7	224.9	28	183.6
22220	7.6	223.1	29	185.2
22230	7.2	221.2	31	186.3
22240	6.6	219.3	33	187.6
22250	6.0	217.5	35	188.7
22260	4.9	215.6	37	189.5
22270	5.0	213.7	39	190.3
22280	4.9	211.8	41	190.8
22290	4.6	209.9	43	191.4
22300	4.5	207.9	45	191.9
22310	4.3	206.0	46	192.2
22320	4.3	204.1	48	192.7
22330	3.8	202.2	50	193.2
22340	3.5	200.2	52	193.2
22350	2.7	198.3	54	193.5
22360	2.6	196.4	56	193.2
22370	2.4	194.4	58	193.0
22380	2.0	192.5	60	193.0
22390	2.0	190.6	62	192.7
22400	1.9	188.6	64	192.4
22410	1.9	186.7	66	191.6
22420	1.8	184.8	68	191.6
22430	1.8	182.9	70	191.1
22440	1.4	181.0	71	190.8
22450	-0.8	179.1	73	190.0
22460	-3.5	177.2	75	189.0
22470	-3.0	175.3	77	186.8
22480	0.3	173.5	79	185.2
22490	2.3	171.6	81	184.7
22500	2.0	169.8	83	184.4
22510	1.8	167.9	85	184.2
22520	1.2	166.1	86	183.6
22530	-0.1	164.2	88	183.1
22540	-1.1	162.4	90	181.8
22550	-0.8	160.6	92	181.0
22560	-1.4	158.8	94	179.7
22570	-2.4	157.0	95	178.3
22580	-1.4	155.3	97	176.7
22590	1.5	153.5	99	175.7
22600	2.3	151.7	101	175.4
22610	2.3	150.0	102	175.4
22620	2.2	148.2	104	175.4

22630	2.0	146.5	106	175.1
22640	2.2	144.7	108	174.9
22650	2.2	143.0	109	174.6
22660	2.2	141.2	111	174.3
22670	2.3	139.5	113	174.3
22680	2.6	137.7	115	174.3
22690	2.6	136.0	116	174.1
22700	3.0	134.3	118	174.3
22710	3.1	132.5	120	174.1
22720	2.8	130.8	122	174.3
22730	2.7	129.0	123	174.1
22740	2.6	127.3	125	174.3
22750	2.3	125.6	127	174.1
22760	2.2	123.8	129	174.1
22770	1.9	122.1	130	173.8
22780	1.9	120.3	132	173.5
22790	1.9	118.6	134	173.3
22800	1.9	116.9	136	173.3
22810	1.8	115.1	137	172.7
22820	1.8	113.4	139	172.5
22830	1.6	111.7	141	171.9
22840	0.4	110.0	142	171.7
22850	-1.9	108.3	144	170.9
22860	-2.8	106.6	146	169.3
22870	-1.6	104.9	148	167.7
22880	0.0	103.2	149	166.6
22890	0.9	101.6	151	165.8
22900	1.2	99.9	153	165.3
22910	0.5	98.2	154	165.0
22920	-0.1	96.6	156	164.5
22930	-1.6	95.0	157	163.7
22940	-2.3	93.3	159	162.1
22950	-2.3	91.7	161	160.5
22960	-1.9	90.1	162	158.9
22970	-2.0	88.6	164	157.6
22980	-3.0	87.0	165	156.2
22990	-4.1	85.4	167	154.4
23000	-2.3	83.9	169	161.8
23010	2.6	82.7	170	129.6
23020	10.0	81.5	171	113.6
23030	25.0	80.5	172	90.2
23040	30.1	79.5	173	88.6
23050	22.9	78.7	174	77.2
23060	11.0	78.0	174	59.9
23070	0.4	77.4	175	57.5
23080	0.0	76.9	176	49.7
23090	-0.5	76.5	176	39.4
23100	-8.3	76.1	176	37.5
23110	-15.1	75.8	177	31.6
23120	-17.1	75.5	177	26.6
23130	-17.6	75.2	177	21.8
23140	-17.9	75.1	177	15.1
23150	-18.4	74.9	178	10.1
23160	-19.8	74.9	178	5.0

23170	-22.5	74.9	178	-0.2
23180	-27.8	74.9	178	-2.3
23190	-32.7	75.0	177	-11.9
23200	-35.8	75.1	177	-19.1
23210	-36.9	75.4	177	-26.0
23220	-35.9	75.7	177	-38.8
23230	-33.9	76.2	176	-48.7
23240	-32.0	76.8	176	-64.1
23250	-30.9	77.4	175	-67.0
23260	-30.8	78.1	174	-67.6
23270	-30.4	79.0	173	-75.0
23280	-28.9	79.9	173	-100.8
23290	-27.5	80.9	172	-108.8
23300	-27.1	81.9	171	-115.5
23310	-27.3	83.0	169	-125.3
23320	-27.9	84.2	168	-132.0
23330	-28.3	85.5	167	-141.3
23340	-27.5	86.8	166	-135.7
23350	-25.1	88.3	164	-143.4
23360	-22.8	89.7	163	-149.8
23370	-20.3	91.3	161	-156.2
23380	-19.8	92.9	160	-161.0
23390	-20.1	94.5	158	-166.3
23400	-21.0	96.2	156	-171.9
23410	-20.9	98.0	154	-176.7
23420	-18.8	99.8	153	-182.3
23430	-15.9	101.7	151	-186.8
23440	-13.6	103.6	149	-190.6
23450	-13.0	105.5	147	-193.5
23460	-14.2	107.5	145	-197.0
23470	-14.6	109.4	143	-200.1
23480	-13.7	111.5	141	-203.6
23490	-12.7	113.5	139	-206.5
23500	-12.3	115.6	137	-209.5
23510	-12.1	117.7	135	-212.1
23520	-11.5	119.9	133	-214.5
23530	-10.7	122.0	130	-216.9
23540	-10.4	124.2	128	-219.1
23550	-10.8	126.4	126	-221.2
23560	-11.0	128.7	124	-223.6
23570	-10.3	130.9	122	-225.4
23580	-10.4	133.2	119	-227.3
23590	-10.7	135.5	117	-229.4
23600	-9.8	137.8	115	-231.3
23610	-8.3	140.1	112	-233.4
23620	-8.0	142.5	110	-234.8
23630	-9.2	144.8	108	-236.4
23640	-9.1	147.2	105	-237.7
23650	-9.1	149.6	103	-239.3
23660	-10.2	152.0	100	-240.9
23670	-10.6	154.4	98	-242.7
23680	-9.8	156.9	96	-244.9
23690	-8.7	159.3	93	-245.9
23700	-9.8	161.8	91	-247.5

23710	-10.7	164.3	88	-249.4
23720	-10.7	166.8	86	-251.0
23730	-10.3	169.3	83	-252.9
23740	-10.2	171.9	81	-254.7
23750	-8.8	174.4	78	-256.3
23760	-7.3	177.0	75	-257.7
23770	-6.9	179.6	73	-258.7
23780	-8.3	182.2	70	-259.3
23790	-9.9	184.8	68	-260.6
23800	-11.4	187.4	65	-262.2
23810	-10.0	190.0	62	-264.0
23820	-6.5	192.7	60	-265.9
23830	-4.3	195.3	57	-266.2
23840	-4.3	198.0	54	-266.4
23850	-4.7	200.7	52	-266.2
23860	-4.9	203.3	49	-266.4
23870	-4.9	206.0	46	-266.4
23880	-3.8	208.6	44	-266.4
23890	-2.7	211.3	41	-266.4
23900	-2.6	214.0	38	-265.9
23910	-2.6	216.6	36	-265.6
23920	-2.7	219.3	33	-265.1
23930	-2.6	221.9	31	-264.6
23940	-2.2	224.6	28	-263.8
23950	1.6	227.2	25	-262.7
23960	6.9	229.8	23	-260.3
23970	9.6	232.4	20	-256.9
23980	8.7	234.9	18	-253.1
23990	6.5	237.4	15	-249.4
24000	5.3	239.9	13	-246.5
24010	5.6	242.3	10	-243.5
24020	6.8	244.8	8	-240.6
24030	7.7	247.1	5	-237.2
24040	7.7	249.5	3	-233.7
24050	7.1	251.8	1	-230.5
24060	7.9	254.1	-2	-227.3
24070	8.4	256.3	-4	-223.8
24080	9.5	258.5	-6	-219.9
24090	10.3	260.6	-8	-194.6
24100	3.8	262.6	-10	-174.3
24110	-3.3	264.3	-12	-161.5
24120	-19.4	265.7	-13	-120.3
24130	-40.7	266.9	-14	-112.3
24140	-43.9	267.9	-15	-93.4
24150	-28.9	268.7	-16	-83.3
24160	-10.3	269.3	-17	-60.9
24170	0.5	269.9	-17	-53.2
24180	1.6	270.3	-18	-40.1
24190	15.1	270.6	-18	-28.7
24200	24.3	270.9	-18	-23.9
24210	26.6	271.1	-19	-15.1
24220	23.2	271.2	-19	-9.5
24230	19.7	271.2	-19	-3.4
24240	19.3	271.2	-19	1.0

24250	21.8	271.2	-19	3.4
24260	23.3	271.1	-19	10.1
24270	22.2	271.0	-19	17.0
24280	19.3	270.8	-18	23.4
24290	16.0	270.5	-18	29.2
24300	15.5	270.3	-18	31.1
24310	18.6	269.9	-17	31.9
24320	23.7	269.5	-17	37.2
24330	27.4	269.1	-17	42.3
24340	27.1	268.5	-16	48.9
24350	23.9	267.9	-15	67.8
24360	20.5	267.3	-15	67.8
24370	18.0	266.6	-14	66.2
24380	17.8	265.8	-13	85.9
24390	19.9	264.9	-12	91.0
24400	21.6	264.1	-12	96.9
24410	21.3	263.1	-11	103.0
24420	19.5	262.2	-10	99.0
24430	17.5	261.2	-9	93.4
24440	16.1	260.1	-8	108.6
24450	16.7	258.9	-6	112.6
24460	17.8	257.8	-5	117.4
24470	18.6	256.6	-4	121.9
24480	18.4	255.3	-3	126.9
24490	16.7	254.0	-2	131.7
24500	14.5	252.7	0	136.3
24510	13.3	251.3	1	139.7
24520	13.6	249.8	3	143.2
24530	14.5	248.4	4	146.6
24540	14.6	246.9	6	149.8
24550	14.5	245.4	7	153.6
24560	13.7	243.8	9	157.3
24570	12.2	242.2	10	160.2
24580	11.0	240.6	12	163.1
24590	10.7	238.9	14	165.3
24600	11.3	237.3	15	167.9
24610	11.8	235.6	17	170.3
24620	11.5	233.8	19	173.0
24630	10.8	232.1	20	175.7
24640	9.9	230.3	22	178.1
24650	8.7	228.5	24	179.9
24660	8.1	226.7	26	181.8
24670	8.3	224.9	28	183.6
24680	8.9	223.0	29	185.0
24690	8.5	221.2	31	186.8
24700	7.9	219.3	33	188.7
24710	6.6	217.4	35	189.8
24720	6.1	215.5	37	190.6
24730	6.6	213.6	39	191.6
24740	6.8	211.6	41	192.7
24750	6.2	209.7	43	194.0
24760	5.6	207.8	45	194.8
24770	5.2	205.8	47	195.4
24780	5.2	203.8	49	196.2

24790	5.4	201.9	51	196.7
24800	5.2	199.9	53	197.8
24810	4.3	197.9	55	198.3
24820	4.3	195.9	57	198.6
24830	4.6	193.9	59	198.8
24840	4.9	192.0	60	199.4
24850	4.7	190.0	62	199.9
24860	4.7	187.9	65	200.4
24870	5.2	185.9	67	200.7
24880	5.3	183.9	69	201.5
24890	5.2	181.9	71	202.0
24900	4.3	179.9	73	202.5
24910	4.2	177.9	75	202.8
24920	3.4	175.8	77	203.1
24930	2.4	173.8	79	203.1
24940	2.4	171.8	81	202.8
24950	2.6	169.7	83	202.5
24960	3.0	167.7	85	202.5
24970	4.2	165.7	87	202.3
24980	5.0	163.7	89	202.5
24990	4.2	161.6	91	203.1
25000	3.4	159.6	93	203.3
25010	2.7	157.6	95	203.3
25020	2.7	155.5	97	203.6
25030	3.0	153.5	99	203.1
25040	3.5	151.5	101	203.3
25050	4.5	149.4	103	203.1
25060	4.5	147.4	105	203.6
25070	3.5	145.4	107	203.9
25080	3.0	143.3	109	203.9
25090	3.0	141.3	111	203.6
25100	3.1	139.2	113	203.9
25110	3.3	137.2	115	203.9
25120	2.8	135.2	117	203.9
25130	2.6	133.1	119	203.6
25140	2.3	131.1	121	203.6
25150	2.3	129.1	123	203.1
25160	2.2	127.0	125	203.1
25170	2.0	125.0	127	202.5
25180	2.0	123.0	129	202.3
25190	2.0	121.0	131	201.7
25200	2.0	118.9	134	201.5
25210	1.8	116.9	136	201.2
25220	0.9	114.9	138	200.7
25230	-1.2	112.9	140	199.6
25240	-3.7	110.9	142	198.0
25250	-3.3	109.0	143	195.9
25260	-0.7	107.0	145	194.3
25270	0.3	105.1	147	193.5
25280	-0.7	103.1	149	192.7
25290	-2.4	101.2	151	191.4
25300	-3.1	99.3	153	189.8
25310	-2.3	97.4	155	187.9
25320	-1.4	95.6	157	186.6

25330	-1.6	93.7	159	185.5
25340	-2.6	91.9	161	183.9
25350	-3.5	90.0	162	182.0
25360	-4.7	88.2	164	179.9
25370	-6.4	86.5	166	177.5
25380	-8.1	84.8	168	156.8
25390	-3.1	83.1	169	171.4
25400	2.7	81.8	171	135.2
25410	12.1	80.6	172	116.8
25420	24.7	79.5	173	90.5
25430	25.1	78.6	174	87.0
25440	14.4	77.8	175	74.2
25450	2.0	77.2	175	62.8
25460	-0.1	76.6	176	58.3
25470	-2.6	76.2	176	45.5
25480	-12.6	75.8	177	38.0
25490	-18.4	75.4	177	31.1
25500	-19.1	75.2	177	22.8
25510	-17.5	74.9	178	22.0
25520	-14.9	74.8	178	15.4
25530	-14.1	74.7	178	10.1
25540	-16.1	74.6	178	7.4
25550	-19.3	74.5	178	1.8
25560	-22.9	74.6	178	-1.0
25570	-27.1	74.6	178	-8.2
25580	-30.2	74.7	178	-15.1
25590	-32.5	74.9	178	-24.7
25600	-33.8	75.2	177	-34.3
25610	-34.2	75.6	177	-44.4
25620	-33.6	76.1	176	-54.5
25630	-32.5	76.7	176	-65.2
25640	-31.1	77.3	175	-74.5
25650	-29.6	78.1	174	-84.6
25660	-28.3	78.9	174	-84.3
25670	-27.5	79.8	173	-83.0
25680	-27.3	80.8	172	-109.4
25690	-27.4	81.8	171	-117.1
25700	-28.1	83.0	169	-125.1
25710	-28.2	84.2	168	-133.3
25720	-27.3	85.4	167	-141.8
25730	-25.9	86.8	166	-136.0
25740	-23.7	88.2	164	-143.2
25750	-22.2	89.7	163	-149.3
25760	-20.7	91.2	161	-155.4
25770	-20.3	92.8	160	-160.5
25780	-20.2	94.4	158	-165.8
25790	-20.7	96.1	156	-171.1
25800	-20.9	97.9	155	-176.2
25810	-19.3	99.7	153	-181.8
25820	-16.7	101.6	151	-186.6
25830	-14.2	103.4	149	-190.3
25840	-13.3	105.4	147	-193.8
25850	-14.0	107.3	145	-197.0
25860	-14.6	109.3	143	-199.9

25870	-14.2	111.4	141	-203.1
25880	-13.7	113.4	139	-206.3
25890	-13.3	115.5	137	-209.5
25900	-12.7	117.6	135	-212.4
25910	-11.8	119.8	133	-214.8
25920	-10.4	121.9	131	-217.5
25930	-10.3	124.1	128	-219.3
25940	-11.0	126.3	126	-221.7
25950	-11.7	128.6	124	-223.6
25960	-11.4	130.8	122	-226.2
25970	-11.7	133.1	119	-228.4
25980	-11.8	135.4	117	-230.5
25990	-10.6	137.7	115	-232.9
26000	-9.2	140.1	112	-235.0
26010	-9.1	142.4	110	-236.6
26020	-10.4	144.8	108	-238.2
26030	-10.6	147.2	105	-240.3
26040	-10.2	149.6	103	-242.2
26050	-11.0	152.1	100	-244.1
26060	-11.3	154.5	98	-246.5
26070	-10.2	157.0	95	-248.3
26080	-9.2	159.5	93	-250.2
26090	-10.6	162.0	90	-251.8
26100	-11.8	164.5	88	-253.7
26110	-11.7	167.1	85	-255.5
26120	-11.0	169.7	83	-257.4
26130	-10.2	172.3	80	-259.5
26140	-9.1	174.9	78	-261.1
26150	-8.9	177.5	75	-262.4
26160	-9.1	180.1	72	-263.8
26170	-8.5	182.8	70	-265.4
26180	-7.2	185.4	67	-266.4
26190	-7.1	188.1	64	-266.7
26200	-6.4	190.8	62	-267.5
26210	-5.7	193.4	59	-267.8
26220	-6.0	196.1	56	-268.3
26230	-6.8	198.8	54	-269.1
26240	-5.7	201.5	51	-269.4
26250	-4.6	204.2	48	-269.6
26260	-3.1	206.9	46	-269.9
26270	-2.6	209.6	43	-269.6
26280	-2.4	212.3	40	-269.1
26290	-2.4	215.0	37	-268.3
26300	-1.5	217.7	35	-267.8
26310	4.1	220.3	32	-266.4
26320	10.3	223.0	29	-263.0
26330	10.4	225.6	27	-258.2
26340	6.8	228.1	24	-254.5
26350	3.5	230.6	22	-251.5
26360	2.7	233.1	19	-249.1
26370	4.7	235.6	17	-247.0
26380	8.0	238.1	14	-244.3
26390	10.3	240.5	12	-240.1
26400	10.7	242.9	10	-235.8

26410	9.9	245.2	7	-231.6
26420	8.8	247.5	5	-227.6
26430	8.8	249.7	3	-223.8
26440	10.3	251.9	1	-220.1
26450	13.8	254.1	-2	-215.9
26460	16.4	256.2	-4	-210.5
26470	17.5	258.3	-6	-204.1
26480	17.1	260.3	-8	-197.8
26490	12.5	262.2	-10	-202.0
26500	-1.8	263.7	-11	-155.2
26510	-3.0	265.1	-13	-131.7
26520	-13.0	266.2	-14	-99.8
26530	-21.8	267.2	-15	-94.5
26540	-16.5	268.0	-16	-79.3
26550	-1.8	268.7	-16	-58.5
26560	0.5	269.3	-17	-59.3
26570	10.3	269.8	-17	-44.9
26580	28.6	270.2	-18	-38.0
26590	33.0	270.4	-18	-25.2
26600	26.0	270.6	-18	-18.3
26610	17.5	270.7	-18	-10.3
26620	12.5	270.8	-18	-6.3
26630	14.0	270.8	-18	-2.6
26640	20.7	270.8	-18	1.0
26650	28.5	270.8	-18	4.2
26660	29.7	270.7	-18	13.0
26670	24.3	270.6	-18	19.1
26680	16.7	270.3	-18	23.4
26690	13.2	270.0	-18	33.2
26700	15.9	269.7	-17	34.0
26710	22.6	269.3	-17	38.6
26720	28.9	268.9	-16	40.4
26730	30.4	268.4	-16	48.1
26740	26.2	267.8	-15	66.8
26750	20.2	267.1	-15	67.6
26760	15.5	266.4	-14	66.8
26770	15.5	265.7	-13	69.2
26780	19.3	264.9	-12	72.9
26790	23.2	264.0	-12	78.0
26800	24.5	263.1	-11	101.6
26810	22.5	262.1	-10	98.5
26820	18.8	261.1	-9	93.9
26830	15.7	260.0	-8	109.1
26840	15.3	258.8	-6	113.4
26850	16.7	257.7	-5	117.6
26860	17.8	256.5	-4	121.6
26870	18.0	255.2	-3	126.7
26880	16.4	253.9	-1	131.2
26890	13.8	252.6	0	135.5
26900	12.1	251.2	1	138.9
26910	12.1	249.8	3	141.6
26920	13.3	248.3	4	144.8
26930	14.4	246.9	6	148.2
26940	14.6	245.4	7	151.4

26950	13.8	243.8	9	155.2
26960	11.5	242.2	10	158.1
26970	10.0	240.6	12	160.7
26980	9.4	239.0	13	162.9
26990	9.6	237.4	15	165.0
27000	10.4	235.7	17	166.9
27010	10.2	234.0	18	169.5
27020	9.5	232.3	20	171.4
27030	8.4	230.6	22	173.5
27040	7.3	228.8	24	175.4
27050	7.5	227.1	25	176.7
27060	8.5	225.3	27	178.1
27070	9.5	223.5	29	179.7
27080	8.9	221.7	31	181.8
27090	7.1	219.8	33	183.4
27100	5.4	218.0	34	184.4
27110	4.3	216.1	36	185.2
27120	4.9	214.3	38	185.5
27130	5.7	212.4	40	186.3
27140	5.3	210.6	42	186.8
27150	4.3	208.7	44	187.6
27160	3.9	206.8	46	188.2
27170	3.9	204.9	48	188.4
27180	4.6	203.0	49	188.4
27190	5.2	201.1	51	189.2
27200	4.3	199.2	53	189.8
27210	3.3	197.3	55	190.3
27220	3.1	195.4	57	190.0
27230	3.5	193.5	59	190.0
27240	3.9	191.6	61	190.3
27250	4.1	189.7	63	190.6
27260	4.3	187.8	65	191.1
27270	4.6	185.9	67	191.6
27280	4.2	184.0	68	191.6
27290	3.0	182.1	70	192.2
27300	2.3	180.2	72	192.2
27310	2.6	178.2	74	191.6
27320	3.1	176.3	76	191.6
27330	3.9	174.4	78	191.6
27340	5.0	172.5	80	191.9
27350	4.6	170.6	82	192.7
27360	3.7	168.6	84	193.2
27370	3.0	166.7	86	193.2
27380	2.7	164.8	88	193.0
27390	2.6	162.8	90	193.2
27400	2.7	160.9	92	193.0
27410	3.3	159.0	93	193.0
27420	3.8	157.0	95	192.7
27430	4.1	155.1	97	193.0
27440	4.2	153.2	99	193.5
27450	3.9	151.2	101	193.5
27460	3.5	149.3	103	194.0
27470	3.3	147.4	105	194.0
27480	3.0	145.4	107	194.0

27490	2.8	143.5	109	194.0
27500	3.3	141.5	111	194.0
27510	3.5	139.6	113	193.8
27520	3.7	137.7	115	194.0
27530	3.5	135.7	117	194.3
27540	3.4	133.8	119	194.3
27550	3.1	131.8	121	194.3
27560	2.6	129.9	123	194.3
27570	2.4	127.9	125	194.3
27580	2.3	126.0	126	193.8
27590	2.2	124.1	128	194.0
27600	1.9	122.1	130	193.5
27610	1.9	120.2	132	192.7
27620	2.0	118.3	134	193.0
27630	1.8	116.3	136	192.7
27640	1.5	114.4	138	192.2
27650	-0.4	112.5	140	191.4
27660	-4.1	110.6	142	190.0
27670	-4.9	108.7	144	187.6
27680	-2.2	106.8	146	185.8
27690	0.0	105.0	147	184.7
27700	0.1	103.2	149	183.6
27710	-0.9	101.3	151	182.8
27720	-2.2	99.5	153	181.8
27730	-2.2	97.7	155	180.2
27740	-1.9	95.9	157	178.9
27750	-1.8	94.1	158	177.5
27760	-2.4	92.4	160	176.2
27770	-3.0	90.6	162	174.3
27780	-2.8	88.9	164	172.7
27790	-3.5	87.2	165	170.9
27800	-4.7	85.5	167	168.7
27810	-3.4	83.8	169	177.0
27820	2.6	82.5	170	140.2
27830	10.8	81.2	171	109.1
27840	27.1	80.1	172	105.9
27850	32.0	79.1	173	92.1
27860	23.3	78.3	174	78.8
27870	11.0	77.6	175	67.6
27880	0.1	77.0	175	56.9
27890	-0.1	76.5	176	49.2
27900	-1.4	76.0	176	46.3
27910	-11.0	75.7	177	31.6
27920	-19.0	75.4	177	29.0
27930	-20.3	75.1	177	25.8
27940	-18.4	74.9	178	17.8
27950	-15.1	74.8	178	11.4
27960	-12.5	74.7	178	8.7
27970	-14.0	74.6	178	5.3
27980	-17.6	74.6	178	0.5
27990	-22.5	74.6	178	-1.5
28000	-26.8	74.7	178	-7.4
28010	-30.6	74.8	178	-16.5
28020	-33.1	75.0	177	-25.5

28030	-34.0	75.3	177	-31.9
28040	-33.1	75.7	177	-37.2
28050	-31.1	76.2	176	-45.2
28060	-28.6	76.8	176	-64.6
28070	-26.3	77.4	175	-73.4
28080	-25.5	78.1	174	-73.7
28090	-26.0	78.9	174	-72.4
28100	-26.6	79.8	173	-96.3
28110	-26.4	80.7	172	-94.2
28120	-26.2	81.7	171	-91.3
28130	-25.9	82.8	170	-97.7
28140	-25.4	83.9	169	-103.2
28150	-24.7	85.1	167	-109.4
28160	-23.1	86.4	166	-127.7
28170	-21.0	87.7	165	-134.1
28180	-18.7	89.1	163	-139.5
28190	-17.5	90.6	162	-144.5
28200	-16.7	92.0	160	-148.8
28210	-17.8	93.6	159	-153.3
28220	-19.4	95.1	157	-157.6
28230	-20.5	96.7	156	-162.9
28240	-20.1	98.4	154	-167.7
28250	-17.4	100.1	152	-172.7
28260	-14.1	101.9	151	-177.3
28270	-11.4	103.7	149	-180.2
28280	-11.3	105.5	147	-182.8
28290	-13.0	107.3	145	-185.5
28300	-14.1	109.2	143	-188.4
28310	-13.6	111.1	141	-191.9
28320	-12.6	113.1	139	-194.8
28330	-12.1	115.1	137	-197.8
28340	-11.9	117.0	135	-200.4
28350	-11.4	119.1	133	-202.8
28360	-10.4	121.1	131	-205.5
28370	-10.2	123.2	129	-207.6
28380	-10.3	125.3	127	-209.5
28390	-10.6	127.4	125	-211.1
28400	-10.4	129.5	123	-213.5
28410	-11.0	131.7	121	-215.3
28420	-12.1	133.8	119	-217.7
28430	-11.9	136.0	116	-219.9
28440	-10.7	138.2	114	-222.2
28450	-9.8	140.5	112	-224.4
28460	-10.0	142.7	110	-226.2
28470	-11.1	145.0	107	-228.1
28480	-10.6	147.3	105	-230.2
28490	-10.6	149.6	103	-232.4
28500	-11.7	152.0	100	-234.5
28510	-11.9	154.3	98	-236.6
28520	-11.3	156.7	96	-239.0
28530	-9.8	159.1	93	-241.1
28540	-10.3	161.6	91	-242.7
28550	-10.8	164.0	88	-244.6
28560	-10.8	166.5	86	-246.5

28570	-10.3	168.9	84	-248.1
28580	-10.2	171.4	81	-250.2
28590	-9.8	173.9	79	-252.1
28600	-9.6	176.5	76	-253.7
28610	-9.5	179.0	73	-255.3
28620	-8.5	181.6	71	-256.9
28630	-7.3	184.2	68	-257.9
28640	-6.4	186.8	66	-259.3
28650	-5.4	189.4	63	-259.8
28660	-4.5	192.0	60	-260.3
28670	-5.2	194.6	58	-260.6
28680	-7.3	197.2	55	-260.8
28690	-7.9	199.8	53	-261.9
28700	-7.2	202.4	50	-262.4
28710	-5.6	205.0	47	-263.5
28720	-3.1	207.7	45	-263.8
28730	-2.3	210.3	42	-263.5
28740	-2.4	213.0	39	-263.2
28750	-2.2	215.6	37	-262.7
28760	1.4	218.2	34	-261.6
28770	5.8	220.8	32	-259.3
28780	6.2	223.4	29	-256.6
28790	2.7	225.9	27	-253.4
28800	-0.4	228.5	24	-251.8
28810	-0.5	231.0	21	-250.7
28820	2.2	233.5	19	-249.4
28830	6.5	235.9	17	-246.7
28840	9.2	238.4	14	-243.5
28850	9.6	240.8	12	-239.3
28860	9.1	243.2	9	-235.6
28870	8.1	245.5	7	-231.6
28880	6.9	247.8	5	-228.1
28890	7.1	250.0	2	-224.9
28900	9.1	252.3	0	-221.7
28910	12.9	254.4	-2	-217.7
28920	15.6	256.6	-4	-212.1
28930	17.4	258.7	-6	-206.3
28940	18.2	260.6	-8	-179.9
28950	12.5	262.5	-10	-161.3
28960	-3.5	264.0	-12	-152.0
28970	-3.4	265.4	-13	-115.0
28980	-14.1	266.5	-14	-108.3
28990	-22.0	267.5	-15	-91.5
29000	-15.1	268.3	-16	-83.8
29010	-1.9	268.9	-16	-62.8
29020	0.4	269.5	-17	-56.9
29030	4.1	269.9	-17	-43.3
29040	21.8	270.3	-18	-37.5
29050	29.7	270.6	-18	-25.2
29060	27.7	270.8	-18	-18.3
29070	21.8	270.9	-18	-9.8
29080	16.8	270.9	-18	-4.2
29090	14.9	270.9	-18	0.2
29100	18.4	270.9	-18	0.7

29110	23.7	270.9	-18	6.3
29120	25.6	270.8	-18	11.4
29130	22.5	270.6	-18	17.5
29140	16.8	270.3	-18	28.4
29150	14.0	270.1	-18	30.0
29160	15.2	269.7	-17	30.6
29170	20.1	269.4	-17	34.6
29180	25.5	268.9	-16	43.9
29190	27.8	268.4	-16	56.1
29200	25.8	267.9	-15	58.0
29210	21.0	267.2	-15	58.3
29220	16.4	266.5	-14	77.7
29230	15.5	265.8	-13	74.8
29240	17.6	265.0	-13	71.0
29250	20.6	264.2	-12	75.3
29260	21.7	263.3	-11	80.3
29270	20.2	262.4	-10	104.0
29280	17.6	261.4	-9	109.6
29290	15.3	260.3	-8	114.7
29300	14.9	259.3	-7	108.3
29310	16.0	258.2	-6	112.3
29320	17.1	257.0	-5	116.6
29330	17.6	255.8	-3	121.3
29340	17.0	254.5	-2	125.9
29350	14.4	253.3	-1	130.1
29360	11.5	251.9	1	133.9
29370	11.1	250.6	2	136.5
29380	11.9	249.2	3	139.5
29390	12.6	247.8	5	142.4
29400	12.9	246.3	6	145.3
29410	12.3	244.8	8	148.5
29420	11.3	243.3	9	151.4
29430	10.4	241.8	11	154.4
29440	10.6	240.2	12	156.8
29450	10.7	238.6	14	159.2
29460	11.1	237.0	15	161.3
29470	10.8	235.4	17	163.9
29480	9.6	233.7	19	166.3
29490	8.9	232.1	20	168.2
29500	8.3	230.4	22	170.3
29510	8.0	228.7	24	171.7
29520	8.5	226.9	26	173.5
29530	9.2	225.2	27	175.1
29540	9.4	223.4	29	177.0
29550	8.5	221.6	31	178.9
29560	7.2	219.8	33	180.7
29570	6.4	218.0	34	181.5
29580	5.7	216.2	36	182.8
29590	6.0	214.3	38	183.6
29600	6.4	212.5	40	184.7
29610	5.8	210.6	42	185.8
29620	5.2	208.8	44	186.8
29630	4.3	206.9	46	187.1
29640	4.2	205.0	47	187.4

29650	4.9	203.2	49	187.9
29660	5.8	201.3	51	188.7
29670	6.1	199.4	53	189.2
29680	5.4	197.5	55	190.0
29690	5.0	195.6	57	190.8
29700	4.5	193.7	59	191.4
29710	3.5	191.8	61	191.4
29720	2.4	189.8	63	191.6
29730	1.9	187.9	65	191.6
29740	1.9	186.0	66	191.1
29750	1.9	184.1	68	190.8
29760	2.0	182.2	70	190.3
29770	2.2	180.3	72	190.0
29780	2.0	178.4	74	189.8
29790	2.0	176.5	76	189.8
29800	2.0	174.6	78	189.5
29810	2.0	172.7	80	189.0
29820	2.2	170.8	82	189.0
29830	2.2	168.9	84	188.7
29840	2.2	167.0	85	188.2
29850	2.2	165.2	87	187.9
29860	2.0	163.3	89	187.9
29870	2.2	161.4	91	187.4
29880	2.0	159.5	93	187.4
29890	2.0	157.7	95	187.1
29900	2.2	155.8	97	186.8
29910	2.2	153.9	99	186.3
29920	2.2	152.1	100	186.3
29930	2.2	150.2	102	186.0
29940	2.2	148.3	104	185.8
29950	2.2	146.5	106	185.5
29960	2.2	144.6	108	185.2
29970	2.2	142.8	110	185.0
29980	2.3	140.9	112	184.7
29990	2.6	139.1	113	184.7
30000	3.4	137.2	115	184.4
30010	4.7	135.4	117	184.7
30020	6.1	133.5	119	185.2
30030	4.9	131.7	121	186.3
30040	3.0	129.8	123	186.8
30050	2.0	128.0	124	186.8
30060	2.0	126.1	126	186.3
30070	2.0	124.2	128	186.3
30080	2.0	122.4	130	185.8
30090	1.9	120.5	132	185.5
30100	1.9	118.7	134	185.2
30110	1.8	116.8	136	185.2
30120	1.8	115.0	137	184.4
30130	0.9	113.1	139	184.2
30140	-1.9	111.3	141	183.4
30150	-3.3	109.5	143	181.8
30160	-2.0	107.6	145	179.9
30170	0.0	105.9	147	178.6
30180	0.1	104.1	148	177.5

30190	-0.8	102.3	150	176.7
30200	-2.0	100.5	152	175.4
30210	-2.4	98.8	154	173.8
30220	-2.2	97.1	155	172.2
30230	-1.8	95.4	157	170.9
30240	-2.6	93.7	159	169.3
30250	-3.7	92.0	160	167.9
30260	-4.3	90.3	162	165.8
30270	-4.2	88.7	164	163.7
30280	-4.1	87.1	165	161.5
30290	-4.7	85.5	167	159.7
30300	-3.0	83.9	169	167.1
30310	2.6	82.6	170	133.6
30320	8.0	81.4	171	116.6
30330	21.6	80.3	172	91.8
30340	25.6	79.4	173	89.7
30350	15.7	78.6	174	77.7
30360	0.4	77.9	175	72.9
30370	-0.9	77.3	175	57.5
30380	-9.8	76.8	176	48.9
30390	-20.1	76.4	176	40.7
30400	-22.1	76.0	176	30.6
30410	-20.9	75.7	177	27.9
30420	-17.0	75.5	177	20.2
30430	-13.8	75.3	177	19.9
30440	-15.2	75.1	177	14.1
30450	-19.4	75.0	177	8.2
30460	-22.2	75.0	177	3.4
30470	-24.5	75.0	177	-1.5
30480	-27.1	75.0	177	-6.3
30490	-29.3	75.1	177	-11.9
30500	-30.6	75.3	177	-19.1
30510	-31.5	75.6	177	-26.6
30520	-32.0	76.0	176	-34.6
30530	-32.7	76.4	176	-42.5
30540	-33.2	77.0	175	-50.8
30550	-32.5	77.6	175	-65.4
30560	-31.2	78.3	174	-66.2
30570	-29.3	79.1	173	-74.2
30580	-27.8	80.0	172	-99.3
30590	-28.1	81.0	171	-107.0
30600	-29.4	82.0	170	-115.5
30610	-30.8	83.1	169	-101.4
30620	-31.3	84.3	168	-108.6
30630	-29.6	85.6	167	-129.3
30640	-27.0	86.9	166	-136.8
30650	-24.5	88.4	164	-144.5
30660	-23.3	89.9	163	-150.9
30670	-23.3	91.4	161	-157.0
30680	-23.2	93.0	159	-163.1
30690	-22.8	94.7	158	-169.3
30700	-22.4	96.5	156	-175.4
30710	-21.8	98.2	154	-181.0
30720	-20.1	100.1	152	-186.6

30730	-18.2	102.0	150	-191.6
30740	-16.1	104.0	148	-195.9
30750	-15.5	105.9	147	-199.9
30760	-15.9	108.0	144	-203.3
30770	-15.7	110.0	142	-207.3
30780	-14.5	112.1	140	-210.8
30790	-13.8	114.3	138	-214.3
30800	-13.7	116.4	136	-217.2
30810	-13.4	118.6	134	-220.6
30820	-12.5	120.9	132	-223.3
30830	-11.8	123.1	129	-226.0
30840	-11.9	125.4	127	-228.4
30850	-11.8	127.7	125	-230.5
30860	-11.1	130.0	122	-232.9
30870	-11.1	132.3	120	-234.8
30880	-11.7	134.7	118	-237.2
30890	-11.1	137.1	115	-239.3
30900	-9.5	139.5	113	-241.4
30910	-8.4	141.9	111	-243.0
30920	-9.4	144.4	108	-244.6
30930	-9.6	146.8	106	-246.5
30940	-8.9	149.3	103	-247.5
30950	-9.5	151.8	101	-249.1
30960	-9.2	154.3	98	-250.5
30970	-8.4	156.8	96	-251.8
30980	-7.5	159.3	93	-252.6
30990	-9.4	161.9	91	-253.9
31000	-11.0	164.4	88	-255.0
31010	-11.3	167.0	85	-256.9
31020	-10.7	169.6	83	-258.7
31030	-9.9	172.2	80	-260.8
31040	-8.8	174.8	78	-262.2
31050	-8.1	177.4	75	-263.8
31060	-7.5	180.1	72	-265.1
31070	-7.3	182.7	70	-265.4
31080	-6.9	185.4	67	-266.2
31090	-7.6	188.1	64	-267.0
31100	-7.1	190.7	62	-267.8
31110	-6.4	193.4	59	-268.8
31120	-6.1	196.1	56	-269.1
31130	-7.2	198.8	54	-269.4
31140	-6.1	201.5	51	-270.4
31150	-5.2	204.2	48	-271.0
31160	-3.7	206.9	46	-271.2
31170	-2.7	209.6	43	-270.7
31180	-2.6	212.4	40	-270.4
31190	-2.6	215.1	37	-269.9
31200	-2.6	217.8	35	-269.4
31210	-2.4	220.4	32	-268.8
31220	-0.7	223.1	29	-267.8
31230	3.5	225.8	27	-266.2
31240	6.4	228.4	24	-263.8
31250	5.7	231.1	21	-260.3
31260	3.1	233.6	19	-257.4

31270	1.6	236.2	16	-255.5
31280	3.4	238.7	14	-253.7
31290	6.5	241.3	11	-251.3
31300	9.6	243.7	9	-247.8
31310	10.3	246.2	6	-243.3
31320	9.4	248.6	4	-239.3
31330	7.2	251.0	1	-235.6
31340	6.9	253.3	-1	-232.1
31350	8.0	255.6	-3	-228.6
31360	9.9	257.8	-5	-224.9
31370	11.8	260.1	-8	-220.9
31380	10.3	262.1	-10	-187.4
31390	-3.9	263.9	-11	-172.5
31400	-17.5	265.4	-13	-128.3
31410	-39.3	266.7	-14	-119.0
31420	-44.6	267.7	-15	-99.0
31430	-34.6	268.6	-16	-88.6
31440	-13.7	269.2	-17	-64.6
31450	0.0	269.8	-17	-56.1
31460	1.6	270.2	-18	-41.7
31470	14.6	270.6	-18	-36.4
31480	23.1	270.9	-18	-25.0
31490	24.0	271.1	-19	-20.2
31500	19.9	271.2	-19	-11.1
31510	16.1	271.3	-19	-6.1
31520	15.6	271.3	-19	-1.3
31530	18.4	271.3	-19	0.7
31540	22.9	271.2	-19	5.0
31550	23.7	271.1	-19	9.8
31560	20.6	271.0	-19	15.7
31570	15.9	270.8	-18	25.5
31580	14.0	270.5	-18	27.4
31590	15.9	270.2	-18	28.4
31600	20.7	269.9	-17	32.4
31610	25.5	269.5	-17	41.7
31620	27.0	269.0	-17	53.7
31630	24.8	268.4	-16	55.9
31640	21.0	267.8	-15	56.1
31650	17.6	267.1	-15	74.8
31660	17.1	266.5	-14	72.6
31670	18.7	265.7	-13	69.4
31680	20.9	264.9	-12	73.7
31690	21.0	264.0	-12	78.8
31700	19.7	263.1	-11	83.8
31710	17.5	262.1	-10	108.0
31720	16.1	261.1	-9	112.6
31730	16.3	260.0	-8	117.4
31740	17.2	258.9	-6	111.0
31750	18.0	257.8	-5	115.5
31760	17.8	256.6	-4	120.3
31770	17.2	255.3	-3	125.3
31780	16.1	254.1	-2	129.6
31790	15.1	252.7	0	133.9
31800	15.1	251.4	1	137.9

31810	15.2	250.0	2	141.3
31820	14.5	248.5	4	145.3
31830	13.4	247.0	5	148.8
31840	13.0	245.5	7	152.0
31850	12.9	244.0	8	155.4
31860	13.3	242.4	10	158.1
31870	13.6	240.8	12	161.3
31880	12.7	239.2	13	164.5
31890	11.1	237.5	15	167.4
31900	9.9	235.8	17	169.8
31910	9.1	234.1	18	172.2
31920	9.6	232.3	20	174.1
31930	10.2	230.6	22	176.5
31940	10.0	228.8	24	178.6
31950	9.6	227.0	25	180.7
31960	8.7	225.2	27	182.6
31970	7.6	223.4	29	184.2
31980	6.4	221.5	31	185.5
31990	5.7	219.6	33	186.6
32000	5.7	217.8	35	187.4
32010	5.4	215.9	37	188.2
32020	5.8	214.0	38	188.7
32030	5.7	212.1	40	189.8
32040	4.3	210.2	42	190.3
32050	3.9	208.3	44	190.8
32060	4.3	206.4	46	191.1
32070	5.6	204.5	48	191.9
32080	6.5	202.5	50	192.7
32090	6.9	200.6	52	193.8
32100	5.8	198.7	54	194.8
32110	4.9	196.7	56	195.4
32120	4.9	194.7	58	195.6
32130	4.2	192.8	60	196.2
32140	2.8	190.8	62	196.7
32150	2.0	188.9	64	196.4
32160	2.2	186.9	66	196.2
32170	2.2	184.9	68	195.9
32180	2.6	183.0	69	195.6
32190	3.3	181.0	71	195.4
32200	4.7	179.1	73	195.6
32210	6.1	177.1	75	196.2
32220	4.7	175.1	77	196.7
32230	2.6	173.2	79	197.2
32240	2.0	171.2	81	197.0
32250	2.0	169.2	83	197.0
32260	2.0	167.3	85	196.7
32270	2.2	165.3	87	196.4
32280	2.0	163.3	89	195.9
32290	2.2	161.4	91	195.6
32300	2.2	159.4	93	195.4
32310	2.2	157.5	95	195.1
32320	2.4	155.5	97	195.1
32330	2.6	153.6	99	194.6
32340	2.7	151.6	101	194.6

32350	3.5	149.7	103	194.6
32360	4.3	147.7	105	194.6
32370	3.9	145.8	107	194.8
32380	2.7	143.8	109	194.8
32390	2.2	141.9	111	194.8
32400	2.2	139.9	113	194.6
32410	1.9	138.0	114	194.3
32420	2.0	136.0	116	194.0
32430	2.0	134.1	118	193.8
32440	2.0	132.2	120	193.5
32450	1.9	130.2	122	193.2
32460	1.8	128.3	124	192.4
32470	-0.4	126.4	126	192.2
32480	-3.7	124.5	128	190.8
32490	-5.0	122.6	130	188.4
32500	-3.4	120.7	132	185.8
32510	-0.4	118.9	134	184.4
32520	1.4	117.0	135	183.9
32530	1.4	115.2	137	183.4
32540	-0.5	113.4	139	182.8
32550	-3.3	111.5	141	181.2
32560	-4.5	109.7	143	179.4
32570	-3.3	108.0	144	177.3
32580	-1.4	106.2	146	175.7
32590	-1.5	104.5	148	174.3
32600	-3.5	102.7	150	172.5
32610	-5.3	101.0	151	170.6
32620	-5.8	99.3	153	168.2
32630	-4.7	97.7	155	165.8
32640	-4.3	96.0	156	163.4
32650	-4.5	94.4	158	161.5
32660	-5.7	92.8	160	159.2
32670	-7.1	91.2	161	156.8
32680	-8.0	89.7	163	153.6
32690	-8.0	88.2	164	150.6
32700	-8.8	86.7	166	147.4
32710	-9.2	85.3	167	129.9
32720	-6.5	83.9	169	120.8
32730	1.4	82.7	170	120.0
32740	2.0	81.6	171	95.5
32750	3.5	80.6	172	94.2
32760	9.9	79.8	173	83.8
32770	9.8	79.0	173	66.5
32780	2.6	78.3	174	64.9
32790	-0.4	77.7	175	56.9
32800	-3.9	77.2	175	50.0
32810	-16.8	76.8	176	38.3
32820	-22.5	76.4	176	35.6
32830	-22.5	76.1	176	31.9
32840	-18.2	75.8	177	23.1
32850	-12.5	75.6	177	17.0
32860	-10.6	75.5	177	14.1
32870	-14.5	75.3	177	13.3
32880	-19.7	75.3	177	7.1

32890	-23.2	75.2	177	0.7
32900	-26.0	75.3	177	-1.8
32910	-27.3	75.3	177	-8.2
32920	-27.9	75.5	177	-17.8
32930	-29.6	75.7	177	-26.0
32940	-30.8	76.0	176	-31.4
32950	-31.3	76.4	176	-35.9
32960	-30.6	76.8	176	-44.9
32970	-28.5	77.4	175	-51.6
32980	-25.9	78.0	174	-71.3
32990	-24.4	78.7	174	-78.2
33000	-24.3	79.5	173	-86.2
33010	-25.4	80.3	172	-92.9
33020	-26.4	81.2	171	-91.3
33030	-26.8	82.2	170	-88.9
33040	-26.3	83.2	169	-95.0
33050	-24.8	84.3	168	-101.1
33060	-22.4	85.5	167	-119.0
33070	-20.7	86.8	166	-124.8
33080	-19.5	88.1	164	-130.4
33090	-19.0	89.4	163	-135.5
33100	-18.8	90.8	162	-140.8
33110	-19.1	92.2	160	-145.6
33120	-18.8	93.7	159	-150.6
33130	-19.5	95.3	157	-154.9
33140	-19.1	96.9	156	-160.2
33150	-18.4	98.5	154	-165.0
33160	-15.9	100.2	152	-169.5
33170	-12.7	101.9	151	-173.5
33180	-10.7	103.7	149	-176.5
33190	-10.8	105.4	147	-178.6
33200	-12.7	107.3	145	-181.2
33210	-14.4	109.1	143	-184.2
33220	-14.2	111.0	141	-187.9
33230	-13.2	112.9	140	-190.8
33240	-11.8	114.8	138	-193.8
33250	-11.1	116.7	136	-196.2
33260	-10.4	118.7	134	-198.8
33270	-9.5	120.7	132	-200.7
33280	-8.7	122.8	130	-202.5
33290	-9.1	124.8	128	-204.1
33300	-9.9	126.8	126	-205.5
33310	-10.7	128.9	124	-207.9
33320	-11.1	131.0	121	-210.0
33330	-11.7	133.1	119	-211.9
33340	-11.4	135.3	117	-214.3
33350	-9.4	137.4	115	-216.4
33360	-7.1	139.6	113	-218.3
33370	-6.4	141.8	111	-219.3
33380	-8.1	144.0	108	-220.1
33390	-9.9	146.2	106	-221.7
33400	-10.6	148.4	104	-223.6
33410	-11.1	150.7	102	-225.4
33420	-11.8	153.0	99	-227.8

33430	-11.4	155.2	97	-230.2
33440	-9.5	157.6	95	-232.4
33450	-9.1	159.9	93	-234.2
33460	-10.3	162.3	90	-235.8
33470	-11.3	164.6	88	-237.7
33480	-11.3	167.0	85	-239.6
33490	-10.3	169.4	83	-241.9
33500	-9.6	171.9	81	-243.8
33510	-8.9	174.3	78	-245.4
33520	-9.2	176.8	76	-247.0
33530	-9.9	179.3	73	-248.3
33540	-10.2	181.8	71	-249.9
33550	-9.6	184.3	68	-251.8
33560	-8.9	186.8	66	-253.4
33570	-7.5	189.3	63	-254.7
33580	-5.2	191.9	61	-255.8
33590	-4.2	194.5	58	-256.1
33600	-5.2	197.0	55	-255.8
33610	-6.1	199.6	53	-256.3
33620	-5.8	202.2	50	-256.9
33630	-5.4	204.7	48	-257.7
33640	-4.2	207.3	45	-257.9
33650	-3.0	209.9	43	-257.9
33660	-2.6	212.5	40	-257.7
33670	-2.7	215.0	37	-257.4
33680	-2.6	217.6	35	-256.9
33690	-2.6	220.2	32	-256.1
33700	-2.6	222.7	30	-255.8
33710	-2.4	225.3	27	-255.5
33720	-1.5	227.8	25	-254.5
33730	4.2	230.4	22	-253.4
33740	9.6	232.9	20	-250.2
33750	9.8	235.4	17	-246.2
33760	5.6	237.8	15	-242.2
33770	1.9	240.2	12	-240.1
33780	1.8	242.6	10	-238.5
33790	5.3	245.0	7	-236.4
33800	10.2	247.3	5	-232.9
33810	14.0	249.6	3	-228.4
33820	14.9	251.8	1	-223.0
33830	14.4	254.0	-2	-218.0
33840	12.3	256.2	-4	-212.7
33850	11.8	258.3	-6	-207.9
33860	12.3	260.3	-8	-203.1
33870	9.8	262.2	-10	-207.3
33880	-3.3	263.8	-11	-158.6
33890	-3.3	265.2	-13	-133.9
33900	-16.4	266.4	-14	-123.2
33910	-25.4	267.4	-15	-95.3
33920	-20.9	268.2	-16	-79.6
33930	-5.7	268.9	-16	-71.8
33940	0.4	269.5	-17	-53.5
33950	3.3	270.0	-18	-48.9
33960	19.3	270.3	-18	-35.4

33970	29.2	270.6	-18	-23.9
33980	27.3	270.8	-18	-18.1
33990	20.6	271.0	-19	-12.5
34000	15.2	271.0	-19	-6.1
34010	13.0	271.1	-19	-2.3
34020	16.0	271.1	-19	0.2
34030	23.3	271.0	-19	2.6
34040	26.6	271.0	-19	8.5
34050	24.4	270.8	-18	14.9
34060	18.4	270.6	-18	20.7
34070	14.2	270.3	-18	30.6
34080	14.8	270.0	-18	34.8
34090	19.3	269.7	-17	39.6
34100	24.1	269.3	-17	41.5
34110	27.1	268.8	-16	43.1
34120	25.6	268.2	-16	55.3
34130	21.6	267.7	-15	61.4
34140	17.6	267.0	-15	60.6
34150	15.9	266.3	-14	79.3
34160	17.4	265.5	-13	84.1
34170	20.1	264.7	-12	88.9
34180	21.3	263.9	-11	94.7
34190	20.5	263.0	-11	100.6
34200	18.2	262.1	-10	97.1
34210	15.6	261.0	-9	91.5
34220	14.5	259.9	-7	105.6
34230	15.1	258.9	-6	109.4
34240	16.4	257.7	-5	113.6
34250	17.2	256.6	-4	117.9
34260	16.8	255.4	-3	122.4
34270	15.2	254.1	-2	126.7
34280	12.5	252.8	0	130.7
34290	11.0	251.5	1	133.9
34300	11.8	250.1	2	136.3
34310	12.6	248.7	4	139.2
34320	13.2	247.3	5	142.4
34330	13.2	245.9	7	145.6
34340	12.3	244.4	8	148.8
34350	11.5	242.9	10	151.4
34360	11.3	241.3	11	154.4
34370	11.0	239.8	13	157.0
34380	10.6	238.2	14	159.2
34390	10.3	236.6	16	161.8
34400	10.0	234.9	18	163.9
34410	9.8	233.3	19	166.3
34420	10.0	231.6	21	168.5
34430	9.8	229.9	23	170.3
34440	9.2	228.2	24	172.5
34450	8.8	226.4	26	174.3
34460	8.7	224.7	28	176.2
34470	8.5	222.9	30	178.3
34480	8.3	221.1	31	179.7
34490	8.0	219.3	33	181.2
34500	7.5	217.5	35	182.6

34510	6.9	215.6	37	183.9
34520	6.8	213.8	39	185.2
34530	6.1	211.9	41	186.6
34540	5.0	210.1	42	187.4
34550	4.6	208.2	44	187.9
34560	4.7	206.3	46	188.7
34570	5.4	204.4	48	189.5
34580	5.8	202.5	50	190.3
34590	5.6	200.6	52	190.8
34600	4.5	198.7	54	191.6
34610	3.8	196.8	56	191.9
34620	4.3	194.8	58	192.4
34630	5.2	192.9	60	192.7
34640	5.7	191.0	61	193.5
34650	5.3	189.0	63	194.3
34660	4.6	187.1	65	194.8
34670	3.8	185.1	67	195.1
34680	3.1	183.2	69	195.1
34690	2.2	181.2	71	195.4
34700	1.9	179.3	73	195.1
34710	1.8	177.3	75	194.8
34720	1.8	175.4	77	194.0
34730	1.8	173.5	79	193.8
34740	1.2	171.5	81	193.5
34750	0.5	169.6	83	192.7
34760	-0.1	167.7	85	191.9
34770	-0.1	165.8	87	190.8
34780	0.4	163.9	89	190.0
34790	1.5	162.0	90	189.2
34800	2.2	160.1	92	189.2
34810	2.0	158.2	94	189.0
34820	2.0	156.3	96	188.4
34830	2.0	154.4	98	188.2
34840	1.9	152.5	100	187.9
34850	1.9	150.7	102	187.6
34860	1.8	148.8	104	187.4
34870	1.5	146.9	106	186.8
34880	1.1	145.0	107	186.3
34890	1.2	143.2	109	185.8
34900	1.4	141.3	111	185.0
34910	0.9	139.5	113	185.0
34920	0.3	137.6	115	184.2
34930	0.4	135.8	117	183.1
34940	0.9	134.0	118	182.6
34950	0.9	132.2	120	182.0
34960	0.7	130.3	122	181.5
34970	-0.3	128.5	124	180.4
34980	-0.8	126.7	126	179.7
34990	-0.5	124.9	128	178.6
35000	-0.1	123.2	129	177.5
35010	-0.9	121.4	131	176.7
35020	-1.2	119.6	133	175.7
35030	-0.8	117.9	135	174.3
35040	-0.3	116.2	136	173.3

35050	-0.3	114.4	138	172.2
35060	-0.9	112.7	140	170.9
35070	-2.0	111.0	141	169.8
35080	-2.4	109.3	143	168.2
35090	-1.8	107.7	145	166.6
35100	-0.9	106.0	146	165.5
35110	-1.2	104.4	148	164.2
35120	-2.6	102.7	150	162.9
35130	-3.5	101.1	151	161.3
35140	-3.1	99.5	153	159.7
35150	-2.3	97.9	155	157.8
35160	-1.8	96.4	156	156.5
35170	-2.2	94.8	158	154.9
35180	-3.5	93.3	159	153.6
35190	-3.8	91.7	161	151.7
35200	-3.5	90.2	162	149.8
35210	-2.7	88.8	164	147.7
35220	-3.3	87.3	165	146.1
35230	-3.7	85.8	167	144.5
35240	-3.8	84.5	168	126.9
35250	2.3	83.2	169	113.4
35260	3.0	82.0	170	112.0
35270	12.1	81.0	171	89.7
35280	22.6	80.1	172	89.1
35290	20.2	79.2	173	86.2
35300	10.6	78.6	174	68.6
35310	0.3	77.9	175	60.1
35320	0.0	77.4	175	52.7
35330	-0.7	76.9	176	46.5
35340	-9.6	76.5	176	36.2
35350	-17.6	76.1	176	33.8
35360	-19.0	75.8	177	30.8
35370	-17.2	75.6	177	23.1
35380	-14.0	75.4	177	16.7
35390	-11.9	75.2	177	13.5
35400	-13.7	75.1	177	12.7
35410	-17.6	75.0	177	7.4
35420	-21.6	75.0	177	1.5
35430	-26.0	75.0	177	-1.5
35440	-30.6	75.1	177	-8.7
35450	-34.2	75.2	177	-16.2
35460	-34.6	75.4	177	-22.8
35470	-32.0	75.8	177	-31.4
35480	-28.7	76.2	176	-39.1
35490	-27.1	76.7	176	-46.5
35500	-27.3	77.3	175	-65.2
35510	-28.2	77.9	175	-66.5
35520	-29.0	78.6	174	-66.8
35530	-28.6	79.5	173	-90.2
35540	-27.0	80.3	172	-98.7
35550	-26.3	81.2	171	-96.3
35560	-26.8	82.2	170	-93.1
35570	-28.1	83.4	169	-121.6
35580	-28.5	84.6	168	-129.6

35590	-26.8	85.8	167	-138.1
35600	-24.3	87.1	165	-132.5
35610	-21.7	88.5	164	-139.2
35620	-20.5	89.9	163	-144.8
35630	-20.9	91.4	161	-150.4
35640	-21.4	92.9	160	-155.7
35650	-21.8	94.5	158	-161.3
35660	-21.4	96.2	156	-167.1
35670	-20.1	97.9	155	-172.2
35680	-17.4	99.7	153	-177.8
35690	-15.1	101.5	151	-181.8
35700	-13.0	103.3	149	-185.0
35710	-13.3	105.2	147	-188.2
35720	-14.8	107.1	145	-191.4
35730	-15.6	109.0	143	-194.8
35740	-15.1	111.0	141	-198.0
35750	-14.2	113.0	139	-201.5
35760	-13.7	115.1	137	-204.7
35770	-13.3	117.1	135	-207.6
35780	-12.5	119.2	133	-210.5
35790	-11.0	121.4	131	-213.2
35800	-10.4	123.5	129	-215.3
35810	-10.7	125.7	127	-217.5
35820	-11.5	127.9	125	-219.3
35830	-11.7	130.1	122	-221.4
35840	-11.8	132.3	120	-224.1
35850	-12.5	134.6	118	-226.5
35860	-11.7	136.9	116	-228.9
35870	-10.3	139.2	113	-231.3
35880	-9.4	141.5	111	-233.2
35890	-10.2	143.8	109	-234.8
35900	-11.0	146.2	106	-236.4
35910	-10.3	148.6	104	-238.2
35920	-9.9	151.0	101	-240.1
35930	-10.2	153.4	99	-241.7
35940	-9.6	155.8	97	-243.8
35950	-8.5	158.3	94	-245.4
35960	-8.8	160.7	92	-246.5
35970	-9.9	163.2	89	-248.1
35980	-9.5	165.7	87	-250.2
35990	-8.8	168.2	84	-251.5
36000	-8.5	170.7	82	-253.1
36010	-8.0	173.3	79	-254.5
36020	-7.9	175.8	77	-255.8
36030	-7.9	178.4	74	-256.9
36040	-8.0	181.0	71	-257.9
36050	-7.3	183.6	69	-259.3
36060	-7.1	186.2	66	-260.6
36070	-6.5	188.8	64	-261.4
36080	-5.3	191.4	61	-261.9
36090	-4.5	194.0	58	-262.2
36100	-5.0	196.7	56	-262.2
36110	-5.7	199.3	53	-262.7
36120	-5.3	201.9	51	-262.7

36130	-4.7	204.5	48	-263.0
36140	-3.7	207.2	45	-263.5
36150	-2.7	209.8	43	-263.2
36160	-2.6	212.4	40	-262.7
36170	-2.6	215.1	37	-262.4
36180	-2.2	217.7	35	-261.9
36190	-0.4	220.3	32	-260.6
36200	4.3	222.9	30	-259.3
36210	6.8	225.5	27	-256.6
36220	5.7	228.0	24	-253.1
36230	3.5	230.5	22	-250.5
36240	1.1	233.0	19	-248.1
36250	1.8	235.5	17	-246.7
36260	6.4	237.9	15	-244.3
36270	11.7	240.4	12	-240.9
36280	13.7	242.7	10	-236.1
36290	11.1	245.0	7	-230.8
36300	6.5	247.3	5	-226.8
36310	3.3	249.6	3	-224.1
36320	3.3	251.8	1	-222.0
36330	7.7	254.0	-2	-219.6
36340	12.3	256.2	-4	-215.9
36350	15.3	258.3	-6	-210.8
36360	15.1	260.4	-8	-204.9
36370	8.4	262.3	-10	-208.4
36380	-3.7	263.9	-11	-142.6
36390	-14.5	265.3	-13	-133.9
36400	-32.7	266.5	-14	-112.8
36410	-36.1	267.5	-15	-85.4
36420	-25.0	268.3	-16	-79.0
36430	-6.2	269.0	-17	-70.8
36440	0.8	269.5	-17	-52.7
36450	4.2	270.0	-18	-47.9
36460	18.0	270.4	-18	-34.8
36470	29.3	270.6	-18	-26.0
36480	29.2	270.8	-18	-17.3
36490	21.2	271.0	-19	-10.9
36500	14.1	271.0	-19	-4.7
36510	11.9	271.0	-19	-1.3
36520	15.9	271.0	-19	0.2
36530	22.4	271.0	-19	4.2
36540	24.5	270.9	-18	10.9
36550	22.5	270.8	-18	18.3
36560	18.0	270.6	-18	22.8
36570	14.4	270.3	-18	25.0
36580	14.6	270.0	-18	34.8
36590	18.7	269.6	-17	38.8
36600	23.6	269.2	-17	44.9
36610	26.4	268.8	-16	52.4
36620	25.8	268.3	-16	54.3
36630	22.5	267.7	-15	55.1
36640	18.8	267.0	-15	73.7
36650	17.0	266.3	-14	72.4
36660	17.8	265.6	-13	68.9

36670	20.3	264.8	-12	73.2
36680	22.1	263.9	-11	78.2
36690	22.0	263.0	-11	83.3
36700	19.8	262.0	-10	108.0
36710	17.4	260.9	-8	113.4
36720	16.0	259.9	-7	107.8
36730	16.4	258.8	-6	112.3
36740	17.9	257.6	-5	116.8
36750	19.0	256.4	-4	121.3
36760	19.1	255.2	-3	126.7
36770	17.8	253.9	-1	131.5
36780	15.6	252.5	0	136.3
36790	13.7	251.1	1	139.7
36800	13.7	249.7	3	143.4
36810	14.8	248.2	4	146.6
36820	16.0	246.7	6	150.4
36830	16.8	245.2	7	154.4
36840	16.4	243.6	9	158.6
36850	14.8	242.0	10	162.6
36860	12.7	240.4	12	166.1
36870	11.7	238.7	14	169.0
36880	11.7	237.0	15	171.7
36890	12.5	235.2	17	174.3
36900	12.6	233.5	19	177.3
36910	12.6	231.7	21	179.9
36920	11.7	229.8	23	182.6
36930	10.2	228.0	24	185.0
36940	9.8	226.1	26	187.6
36950	10.3	224.2	28	189.2
36960	10.4	222.3	30	191.9
36970	9.9	220.4	32	194.0
36980	9.2	218.4	34	195.9
36990	8.5	216.5	36	197.8
37000	8.7	214.5	38	199.4
37010	9.1	212.5	40	201.2
37020	8.5	210.4	42	202.8
37030	7.5	208.4	44	204.4
37040	6.1	206.3	46	205.5
37050	5.2	204.3	48	206.3
37060	4.7	202.2	50	206.8
37070	4.3	200.1	52	207.3
37080	3.8	198.1	54	207.6
37090	4.3	196.0	56	207.9
37100	5.6	193.9	59	207.6
37110	5.7	191.8	61	208.7
37120	3.9	189.7	63	209.2
37130	2.3	187.6	65	209.5
37140	2.2	185.6	67	208.9
37150	2.0	183.5	69	208.7
37160	2.2	181.4	71	208.1
37170	2.2	179.3	73	208.4
37180	2.2	177.2	75	207.6
37190	2.0	175.1	77	207.3
37200	2.0	173.1	79	206.8

37210	2.0	171.0	81	206.5
37220	2.0	168.9	84	206.3
37230	1.9	166.9	86	206.0
37240	1.9	164.8	88	205.2
37250	1.8	162.8	90	204.7
37260	1.9	160.7	92	204.7
37270	1.8	158.7	94	204.1
37280	1.5	156.7	96	203.6
37290	1.5	154.6	98	202.8
37300	2.2	152.6	100	202.3
37310	2.3	150.6	102	202.3
37320	2.2	148.5	104	202.3
37330	2.2	146.5	106	201.7
37340	2.3	144.5	108	201.7
37350	2.3	142.5	110	200.9
37360	2.3	140.5	112	200.9
37370	2.2	138.5	114	200.7
37380	2.2	136.5	116	200.1
37390	2.2	134.5	118	200.1
37400	2.0	132.5	120	199.6
37410	1.8	130.5	122	199.4
37420	1.2	128.5	124	198.8
37430	-1.1	126.5	126	198.0
37440	-1.8	124.5	128	196.4
37450	-1.5	122.6	130	195.1
37460	-0.5	120.6	132	193.5
37470	0.1	118.7	134	192.7
37480	0.8	116.8	136	192.2
37490	0.5	114.9	138	191.4
37500	-0.7	113.0	139	190.6
37510	-2.3	111.1	141	189.2
37520	-2.8	109.2	143	187.6
37530	-1.8	107.3	145	186.3
37540	-1.1	105.5	147	184.7
37550	-1.5	103.6	149	183.6
37560	-2.7	101.8	151	181.8
37570	-2.7	100.0	152	180.2
37580	-2.3	98.2	154	178.3
37590	-1.4	96.5	156	177.0
37600	-1.8	94.7	158	175.4
37610	-3.1	92.9	160	173.8
37620	-4.2	91.2	161	171.7
37630	-4.5	89.5	163	169.8
37640	-4.3	87.8	165	167.7
37650	-4.7	86.2	166	165.5
37660	-5.4	84.5	168	162.3
37670	-0.1	83.1	169	145.6
37680	3.0	81.8	171	113.4
37690	13.4	80.7	172	110.4
37700	26.4	79.6	173	95.8
37710	25.4	78.8	174	83.8
37720	14.1	78.0	174	71.8
37730	1.9	77.4	175	61.4
37740	-0.1	76.8	176	57.5

37750	-0.1	76.4	176	45.5
37760	-7.7	76.0	176	38.8
37770	-15.3	75.6	177	35.1
37780	-16.8	75.4	177	27.1
37790	-15.1	75.1	177	24.4
37800	-11.9	74.9	178	20.2
37810	-10.2	74.8	178	15.1
37820	-10.7	74.6	178	11.1
37830	-12.9	74.5	178	9.0
37840	-15.2	74.5	178	4.7
37850	-17.1	74.5	178	0.5
37860	-20.3	74.5	178	-1.5
37870	-23.6	74.5	178	-6.6
37880	-26.6	74.6	178	-14.3
37890	-29.0	74.8	178	-22.0
37900	-29.4	75.1	177	-28.2
37910	-28.2	75.4	177	-35.9
37920	-25.9	75.8	177	-39.4
37930	-23.9	76.3	176	-50.5
37940	-23.1	76.9	176	-63.0
37950	-23.9	77.5	175	-63.6
37960	-26.0	78.2	174	-62.8
37970	-27.8	79.0	173	-84.3
37980	-27.9	79.7	173	-84.1
37990	-27.0	80.6	172	-82.5
38000	-25.2	81.6	171	-88.6
38010	-23.6	82.6	170	-95.0
38020	-22.6	83.7	169	-100.0
38030	-21.8	84.9	168	-105.4
38040	-21.4	86.2	166	-122.7
38050	-21.7	87.4	165	-128.5
38060	-22.2	88.8	164	-134.7
38070	-22.6	90.2	162	-140.5
38080	-22.1	91.6	161	-146.4
38090	-21.4	93.1	159	-152.5
38100	-19.8	94.7	158	-157.6
38110	-18.6	96.3	156	-163.1
38120	-17.1	98.0	154	-167.4
38130	-15.1	99.7	153	-171.9
38140	-13.7	101.4	151	-175.4
38150	-13.3	103.2	149	-178.6
38160	-14.6	105.0	147	-181.8
38170	-16.5	106.9	146	-185.2
38180	-17.5	108.7	144	-189.0
38190	-16.3	110.7	142	-193.2
38200	-14.2	112.6	140	-197.2
38210	-12.7	114.6	138	-199.9
38220	-11.8	116.6	136	-202.5
38230	-11.3	118.7	134	-205.5
38240	-10.7	120.7	132	-207.6
38250	-10.7	122.8	130	-209.7
38260	-11.9	125.0	127	-211.9
38270	-13.0	127.1	125	-214.0
38280	-13.4	129.3	123	-217.2

38290	-12.7	131.4	121	-219.9
38300	-12.7	133.7	119	-222.5
38310	-11.8	135.9	117	-225.2
38320	-9.8	138.2	114	-227.3
38330	-8.7	140.5	112	-229.2
38340	-9.4	142.8	110	-230.5
38350	-11.0	145.1	107	-232.6
38360	-11.0	147.4	105	-234.8
38370	-10.8	149.8	103	-236.9
38380	-11.7	152.2	100	-238.8
38390	-11.8	154.6	98	-241.4
38400	-10.3	157.0	95	-243.5
38410	-9.2	159.5	93	-245.1
38420	-10.2	161.9	91	-247.0
38430	-11.5	164.4	88	-248.6
38440	-11.8	166.9	86	-250.7
38450	-11.4	169.4	83	-252.9
38460	-11.3	172.0	80	-255.0
38470	-10.3	174.5	78	-256.9
38480	-9.5	177.1	75	-258.7
38490	-8.8	179.7	73	-260.0
38500	-8.4	182.3	70	-261.4
38510	-8.3	185.0	67	-262.4
38520	-8.0	187.6	65	-263.5
38530	-7.2	190.2	62	-264.6
38540	-5.7	192.9	60	-265.1
38550	-5.0	195.5	57	-265.6
38560	-5.6	198.2	54	-265.9
38570	-5.6	200.9	52	-266.2
38580	-4.9	203.5	49	-266.4
38590	-3.3	206.2	46	-266.4
38600	-2.4	208.8	44	-266.2
38610	-2.4	211.5	41	-265.9
38620	-2.4	214.2	38	-265.1
38630	-1.5	216.8	36	-264.3
38640	2.4	219.4	33	-263.2
38650	5.2	222.1	30	-260.8
38660	3.3	224.6	28	-258.2
38670	1.5	227.2	25	-256.1
38680	0.7	229.7	23	-254.5
38690	1.9	232.3	20	-252.9
38700	4.5	234.8	18	-250.7
38710	6.4	237.3	15	-248.3
38720	6.5	239.7	13	-245.1
38730	5.7	242.2	10	-242.2
38740	5.3	244.6	8	-239.3
38750	6.1	247.0	5	-236.6
38760	8.1	249.3	3	-233.4
38770	10.4	251.6	1	-229.7
38780	13.0	253.9	-1	-225.2
38790	14.0	256.1	-4	-220.1
38800	13.7	258.2	-6	-214.8
38810	12.3	260.3	-8	-209.7
38820	6.6	262.3	-10	-213.7

38830	-3.4	264.0	-12	-162.6
38840	-16.5	265.4	-13	-135.7
38850	-37.6	266.6	-14	-125.3
38860	-39.3	267.6	-15	-96.1
38870	-26.6	268.4	-16	-79.0
38880	-5.2	269.1	-17	-70.0
38890	0.9	269.6	-17	-52.1
38900	10.0	270.1	-18	-42.5
38910	25.9	270.4	-18	-32.7
38920	31.6	270.7	-18	-26.3
38930	25.9	270.9	-18	-15.9
38940	17.0	271.0	-19	-10.3
38950	11.9	271.1	-19	-5.8
38960	12.6	271.1	-19	-2.9
38970	17.4	271.1	-19	0.7
38980	23.9	271.1	-19	2.9
38990	26.0	271.0	-19	8.7
39000	22.0	270.9	-18	14.6
39010	15.3	270.7	-18	19.9
39020	11.9	270.4	-18	26.0
39030	14.4	270.1	-18	29.5
39040	20.9	269.8	-17	37.2
39050	26.2	269.4	-17	43.3
39060	27.4	269.0	-17	46.5
39070	24.7	268.5	-16	48.4
39080	20.1	267.9	-15	60.1
39090	16.7	267.2	-15	58.8
39100	16.3	266.5	-14	76.9
39110	18.3	265.8	-13	80.6
39120	20.7	265.0	-13	87.0
39130	21.3	264.2	-12	91.8
39140	19.9	263.3	-11	99.3
39150	17.6	262.4	-10	95.0
39160	16.1	261.4	-9	89.7
39170	16.0	260.3	-8	103.8
39180	17.2	259.2	-7	108.0
39190	17.9	258.1	-6	112.8
39200	17.4	257.0	-5	117.6
39210	15.9	255.8	-3	122.1
39220	14.2	254.5	-2	126.4
39230	12.6	253.2	-1	129.9
39240	12.7	251.9	1	133.3
39250	14.2	250.5	2	136.5
39260	15.1	249.1	3	140.2
39270	14.2	247.7	5	143.7
39280	12.6	246.2	6	147.2
39290	11.4	244.7	8	150.4
39300	11.1	243.2	9	153.0
39310	11.9	241.7	11	155.7
39320	12.7	240.1	12	158.6
39330	12.3	238.5	14	161.5
39340	11.5	236.8	16	164.2
39350	9.9	235.2	17	166.9
39360	8.7	233.5	19	169.0

39370	8.8	231.8	21	170.9
39380	9.5	230.1	22	172.5
39390	9.4	228.3	24	174.3
39400	9.2	226.6	26	176.5
39410	8.7	224.8	28	178.3
39420	8.4	223.0	29	180.4
39430	7.6	221.2	31	181.8
39440	7.3	219.3	33	183.1
39450	7.7	217.5	35	184.4
39460	8.1	215.7	37	185.8
39470	8.5	213.8	39	187.6
39480	7.7	211.9	41	189.0
39490	6.0	210.0	42	190.6
39500	5.0	208.1	44	191.1
39510	5.0	206.2	46	191.9
39520	5.6	204.2	48	192.7
39530	6.0	202.3	50	193.5
39540	5.4	200.4	52	194.3
39550	4.2	198.4	54	195.1
39560	3.5	196.5	56	195.4
39570	3.5	194.5	58	195.4
39580	3.3	192.5	60	195.6
39590	2.8	190.6	62	195.4
39600	2.4	188.6	64	195.6
39610	2.2	186.7	66	195.4
39620	2.0	184.7	68	195.1
39630	2.2	182.8	70	194.6
39640	2.2	180.8	72	194.6
39650	2.0	178.9	74	194.3
39660	2.2	177.0	75	193.8
39670	2.2	175.0	77	193.5
39680	2.3	173.1	79	193.2
39690	2.3	171.2	81	193.2
39700	2.3	169.2	83	193.0
39710	2.3	167.3	85	192.7
39720	2.4	165.4	87	192.4
39730	2.6	163.4	89	192.2
39740	3.1	161.5	91	192.2
39750	4.5	159.6	93	192.2
39760	6.1	157.7	95	192.4
39770	6.1	155.7	97	193.5
39780	5.4	153.8	99	194.3
39790	4.7	151.9	101	195.1
39800	4.3	149.9	103	195.4
39810	3.9	147.9	105	195.9
39820	3.9	146.0	106	195.9
39830	3.8	144.0	108	196.2
39840	4.1	142.1	110	196.2
39850	4.1	140.1	112	196.4
39860	3.9	138.1	114	196.7
39870	3.8	136.2	116	197.0
39880	3.8	134.2	118	197.5
39890	3.7	132.2	120	197.8
39900	3.4	130.2	122	197.5

39910	3.4	128.3	124	197.8
39920	2.8	126.3	126	197.8
39930	2.6	124.3	128	197.8
39940	2.4	122.3	130	197.5
39950	2.2	120.4	132	197.2
39960	2.2	118.4	134	197.2
39970	2.0	116.4	136	197.0
39980	2.0	114.4	138	196.4
39990	1.9	112.5	140	196.2
40000	1.8	110.5	142	195.9
40010	0.8	108.6	144	195.1
40020	-3.0	106.6	146	194.0
40030	-6.0	104.7	148	191.9
40040	-5.0	102.8	150	189.2
40050	-2.2	100.9	152	186.8
40060	0.8	99.1	153	185.8
40070	1.1	97.2	155	185.2
40080	-1.2	95.4	157	184.7
40090	-4.7	93.5	159	183.1
40100	-6.5	91.7	161	180.7
40110	-5.8	89.9	163	178.1
40120	-4.5	88.2	164	175.1
40130	-4.5	86.4	166	173.0
40140	-6.6	84.8	168	153.6
40150	-3.4	83.1	169	168.5
40160	2.3	81.8	171	133.1
40170	6.2	80.6	172	115.0
40180	17.2	79.5	173	108.8
40190	18.6	78.7	174	85.9
40200	10.3	77.9	175	73.7
40210	-0.4	77.3	175	62.5
40220	-0.5	76.7	176	53.5
40230	-10.0	76.2	176	49.7
40240	-20.7	75.9	177	37.0
40250	-24.3	75.5	177	30.3
40260	-24.8	75.3	177	20.7
40270	-22.1	75.1	177	16.5
40280	-18.3	75.0	177	10.9
40290	-16.7	74.9	178	5.0
40300	-17.2	74.9	178	0.7
40310	-20.9	74.9	178	-1.5
40320	-25.4	75.0	177	-6.6
40330	-27.8	75.1	177	-15.1
40340	-29.0	75.3	177	-21.0
40350	-29.4	75.5	177	-26.0
40360	-29.8	75.9	177	-33.2
40370	-29.8	76.3	176	-49.7
40380	-29.0	76.8	176	-53.2
40390	-27.4	77.4	175	-55.1
40400	-25.5	78.1	174	-75.3
40410	-24.0	78.9	174	-82.5
40420	-23.3	79.7	173	-89.7
40430	-23.5	80.5	172	-96.6
40440	-23.9	81.4	171	-93.7

40450	-24.4	82.4	170	-90.2
40460	-24.5	83.4	169	-95.8
40470	-24.1	84.6	168	-101.6
40480	-22.8	85.8	167	-119.5
40490	-21.3	87.0	165	-125.6
40500	-19.4	88.3	164	-131.5
40510	-17.9	89.7	163	-136.3
40520	-16.7	91.1	161	-141.0
40530	-16.7	92.5	160	-145.3
40540	-17.0	94.0	158	-149.6
40550	-18.3	95.5	157	-153.6
40560	-18.8	97.1	155	-158.6
40570	-18.4	98.7	154	-163.4
40580	-16.1	100.4	152	-167.7
40590	-13.3	102.1	150	-171.7
40600	-11.0	103.8	149	-174.6
40610	-10.6	105.6	147	-177.3
40620	-11.9	107.4	145	-179.9
40630	-12.9	109.2	143	-182.3
40640	-12.6	111.1	141	-185.2
40650	-12.5	112.9	140	-188.2
40660	-12.3	114.8	138	-191.1
40670	-12.1	116.8	136	-193.8
40680	-11.4	118.7	134	-196.4
40690	-10.2	120.7	132	-198.8
40700	-8.8	122.7	130	-200.7
40710	-8.8	124.7	128	-202.0
40720	-9.6	126.8	126	-203.6
40730	-10.4	128.8	124	-205.7
40740	-10.7	130.9	122	-207.6
40750	-11.3	133.0	119	-209.7
40760	-11.5	135.1	117	-211.9
40770	-10.6	137.2	115	-214.3
40780	-9.4	139.4	113	-216.4
40790	-8.8	141.6	111	-218.3
40800	-9.6	143.8	109	-220.1
40810	-10.4	146.0	106	-221.4
40820	-10.4	148.2	104	-223.3
40830	-11.0	150.5	102	-225.7
40840	-11.8	152.7	100	-227.6
40850	-12.1	155.0	97	-230.2
40860	-10.0	157.4	95	-232.1
40870	-9.1	159.7	93	-234.0
40880	-10.0	162.0	90	-235.6
40890	-11.1	164.4	88	-237.7
40900	-11.3	166.8	86	-239.3
40910	-11.1	169.2	83	-241.7
40920	-10.4	171.7	81	-244.1
40930	-9.1	174.1	78	-245.7
40940	-8.4	176.6	76	-247.5
40950	-8.9	179.1	73	-248.6
40960	-10.0	181.6	71	-249.9
40970	-10.8	184.1	68	-251.5
40980	-10.8	186.6	66	-253.9

40990	-9.1	189.2	63	-255.8
41000	-6.0	191.7	61	-257.1
41010	-3.9	194.3	58	-257.9
41020	-3.8	196.9	56	-257.9
41030	-4.6	199.5	53	-257.7
41040	-4.9	202.0	50	-257.9
41050	-5.3	204.6	48	-258.2
41060	-4.5	207.2	45	-258.5
41070	-2.7	209.8	43	-258.5
41080	-2.4	212.4	40	-258.2
41090	-2.4	215.0	37	-257.9
41100	-2.4	217.5	35	-257.4
41110	-1.9	220.1	32	-256.9
41120	2.4	222.7	30	-255.3
41130	7.3	225.2	27	-252.9
41140	8.7	227.7	25	-249.1
41150	6.1	230.2	22	-245.9
41160	3.1	232.6	20	-243.3
41170	2.3	235.0	17	-241.1
41180	3.9	237.4	15	-239.0
41190	6.4	239.8	13	-236.4
41200	9.2	242.1	10	-233.2
41210	10.6	244.4	8	-229.2
41220	9.9	246.7	6	-224.6
41230	8.7	248.9	4	-221.2
41240	7.6	251.1	1	-217.5
41250	9.2	253.2	-1	-214.3
41260	11.3	255.3	-3	-209.7
41270	12.2	257.4	-5	-205.2
41280	12.1	259.4	-7	-200.9
41290	11.5	261.3	-9	-175.9
41300	0.0	263.1	-11	-184.4
41310	-3.5	264.6	-12	-142.4
41320	-17.0	265.8	-13	-120.5
41330	-31.7	266.9	-14	-102.2
41340	-30.2	267.8	-15	-86.5
41350	-15.1	268.5	-16	-71.6
41360	1.4	269.2	-17	-52.4
41370	0.4	269.7	-17	-48.7
41380	8.3	270.1	-18	-36.7
41390	22.9	270.4	-18	-34.6
41400	26.3	270.7	-18	-23.6
41410	22.4	270.9	-18	-18.3
41420	18.0	271.0	-19	-10.9
41430	15.6	271.1	-19	-6.9
41440	15.2	271.1	-19	-1.5
41450	16.8	271.1	-19	0.7
41460	20.1	271.1	-19	3.9
41470	20.6	271.0	-19	8.5
41480	18.3	270.8	-18	13.3
41490	15.7	270.7	-18	18.1
41500	15.3	270.4	-18	24.2
41510	17.6	270.1	-18	28.4
41520	21.6	269.8	-17	37.2

41530	24.8	269.4	-17	43.6
41540	25.6	269.0	-17	46.3
41550	24.0	268.5	-16	47.6
41560	20.7	267.9	-15	64.4
41570	17.8	267.3	-15	64.6
41580	16.4	266.6	-14	62.8
41590	16.8	265.9	-13	66.8
41600	18.6	265.1	-13	70.5
41610	20.3	264.3	-12	75.0
41620	20.7	263.4	-11	79.8
41630	20.1	262.5	-10	84.9
41640	18.3	261.4	-9	109.4
41650	17.2	260.4	-8	114.7
41660	16.8	259.3	-7	108.6
41670	17.0	258.2	-6	113.1
41680	16.7	257.0	-5	117.6
41690	16.3	255.8	-3	122.1
41700	15.2	254.6	-2	126.4
41710	14.4	253.3	-1	130.4
41720	13.2	252.0	0	133.9
41730	13.8	250.6	2	137.3
41740	15.6	249.2	3	140.8
41750	15.9	247.8	5	144.8
41760	15.7	246.3	6	148.8
41770	14.8	244.8	8	152.8
41780	13.4	243.2	9	156.2
41790	12.6	241.6	11	159.7
41800	12.3	240.0	12	162.6
41810	11.8	238.3	14	165.3
41820	11.9	236.7	16	168.2
41830	12.2	235.0	17	170.9
41840	11.8	233.2	19	173.8
41850	11.4	231.5	21	176.2
41860	10.7	229.7	23	178.6
41870	9.6	227.9	25	180.7
41880	9.5	226.1	26	182.8
41890	9.9	224.2	28	184.7
41900	9.8	222.4	30	187.1
41910	8.9	220.5	32	189.0
41920	8.1	218.6	34	190.6
41930	7.2	216.7	36	192.2
41940	7.1	214.7	38	193.2
41950	7.5	212.8	40	194.6
41960	7.2	210.8	42	195.9
41970	6.5	208.9	44	197.0
41980	5.6	206.9	46	197.8
41990	5.0	204.9	48	198.6
42000	5.4	202.9	50	199.1
42010	6.2	200.9	52	199.9
42020	6.1	198.9	54	200.7
42030	5.4	196.9	56	201.2
42040	4.7	194.9	58	201.7
42050	3.8	192.9	60	202.3
42060	2.7	190.8	62	202.5

42070	2.4	188.8	64	202.3
42080	2.3	186.8	66	202.3
42090	2.2	184.8	68	201.7
42100	2.2	182.7	70	201.7
42110	2.2	180.7	72	201.2
42120	2.2	178.7	74	200.9
42130	2.3	176.7	76	200.7
42140	2.0	174.7	78	200.4
42150	2.0	172.7	80	199.9
42160	2.0	170.7	82	199.6
42170	1.9	168.7	84	199.4
42180	1.8	166.7	86	198.8
42190	0.9	164.7	88	198.6
42200	-1.5	162.8	90	197.8
42210	-2.3	160.8	92	196.2
42220	-0.9	158.8	94	194.6
42230	0.8	156.9	96	193.2
42240	1.9	155.0	97	193.0
42250	2.2	153.0	99	192.7
42260	2.0	151.1	101	192.4
42270	2.0	149.2	103	191.9
42280	2.0	147.3	105	191.6
42290	1.9	145.4	107	191.4
42300	1.8	143.5	109	190.8
42310	1.4	141.5	111	190.6
42320	0.1	139.6	113	190.0
42330	-1.1	137.8	115	189.0
42340	-0.4	135.9	117	187.6
42350	1.2	134.0	118	186.8
42360	2.0	132.1	120	186.3
42370	1.8	130.3	122	186.0
42380	0.5	128.4	124	185.2
42390	-0.8	126.6	126	184.7
42400	-1.5	124.7	128	183.4
42410	-1.6	122.9	130	182.0
42420	-1.6	121.1	131	180.7
42430	-0.9	119.3	133	179.1
42440	0.0	117.5	135	178.6
42450	0.0	115.7	137	177.8
42460	-0.8	114.0	138	176.7
42470	-1.9	112.2	140	175.4
42480	-3.0	110.5	142	174.1
42490	-3.0	108.7	144	172.2
42500	-1.6	107.0	145	170.6
42510	-1.9	105.3	147	169.5
42520	-2.6	103.6	149	167.9
42530	-3.8	102.0	150	166.1
42540	-3.8	100.3	152	163.9
42550	-3.0	98.7	154	162.3
42560	-2.3	97.1	155	160.5
42570	-2.4	95.5	157	158.9
42580	-3.5	93.9	159	157.3
42590	-4.9	92.4	160	155.7
42600	-5.4	90.8	162	153.0

42610	-4.6	89.3	163	150.9
42620	-4.2	87.8	165	149.0
42630	-4.3	86.3	166	146.9
42640	-5.2	85.0	167	130.4
42650	-2.0	83.6	169	119.0
42660	2.3	82.4	170	117.9
42670	4.7	81.3	171	93.4
42680	15.2	80.3	172	92.6
42690	19.8	79.5	173	73.7
42700	14.1	78.7	174	72.1
42710	4.7	78.1	174	63.0
42720	0.0	77.5	175	54.8
42730	0.1	77.0	175	43.6
42740	-1.1	76.6	176	42.5
42750	-8.4	76.2	176	36.7
42760	-15.2	75.9	177	27.9
42770	-17.4	75.6	177	26.3
42780	-16.7	75.4	177	19.4
42790	-14.9	75.2	177	17.0
42800	-13.4	75.0	177	14.1
42810	-14.0	75.0	177	9.0
42820	-15.9	74.9	178	4.2
42830	-18.0	74.9	178	-0.2
42840	-20.7	74.9	178	-2.1
42850	-22.4	75.0	177	-8.2
42860	-24.3	75.1	177	-12.2
42870	-25.8	75.3	177	-18.1
42880	-26.6	75.5	177	-30.0
42890	-26.2	75.9	177	-37.8
42900	-24.8	76.2	176	-41.5
42910	-23.3	76.7	176	-43.6
42920	-22.1	77.2	175	-50.3
42930	-21.3	77.8	175	-54.8
42940	-21.3	78.5	174	-72.9
42950	-21.7	79.2	173	-79.3
42960	-22.4	80.0	172	-78.0
42970	-23.1	80.8	172	-75.0
42980	-22.8	81.7	171	-98.7
42990	-21.7	82.6	170	-105.4
43000	-20.3	83.6	169	-111.5
43010	-18.8	84.7	168	-117.4
43020	-17.8	85.8	167	-122.7
43030	-18.2	87.0	165	-116.3
43040	-18.4	88.2	164	-121.3
43050	-19.0	89.4	163	-125.9
43060	-19.1	90.7	162	-131.2
43070	-18.3	92.0	160	-136.0
43080	-17.5	93.4	159	-141.0
43090	-16.7	94.9	158	-145.0
43100	-16.5	96.4	156	-149.6
43110	-16.1	97.9	155	-153.6
43120	-14.6	99.5	153	-157.8
43130	-13.3	101.1	151	-161.3
43140	-12.7	102.7	150	-164.5

43150	-13.0	104.4	148	-167.7
43160	-14.1	106.1	146	-170.3
43170	-15.2	107.8	145	-173.8
43180	-14.6	109.6	143	-177.5
43190	-12.7	111.4	141	-181.0
43200	-11.4	113.2	139	-183.6
43210	-10.8	115.1	137	-186.3
43220	-11.0	116.9	136	-188.4
43230	-10.7	118.8	134	-191.1
43240	-10.2	120.8	132	-193.5
43250	-10.0	122.7	130	-195.6
43260	-10.8	124.7	128	-197.2
43270	-11.9	126.7	126	-199.6
43280	-12.2	128.7	124	-202.0
43290	-11.4	130.7	122	-204.4
43300	-10.8	132.8	120	-206.8
43310	-10.4	134.9	118	-208.9
43320	-9.6	137.0	115	-211.3
43330	-9.1	139.1	113	-212.9
43340	-9.4	141.3	111	-214.3
43350	-11.1	143.4	109	-216.4
43360	-11.9	145.6	107	-218.5
43370	-11.0	147.8	105	-220.6
43380	-10.3	150.0	102	-223.3
43390	-10.3	152.3	100	-224.9
43400	-9.9	154.5	98	-227.0
43410	-8.9	156.8	96	-228.6
43420	-8.0	159.1	93	-230.0
43430	-9.5	161.4	91	-231.3
43440	-10.7	163.8	89	-233.2
43450	-11.3	166.1	86	-235.0
43460	-10.6	168.5	84	-237.2
43470	-9.1	170.9	82	-239.3
43480	-7.6	173.3	79	-240.6
43490	-7.2	175.7	77	-241.7
43500	-8.5	178.1	74	-242.5
43510	-10.4	180.5	72	-244.1
43520	-11.0	183.0	69	-246.2
43530	-9.8	185.5	67	-248.3
43540	-8.7	188.0	64	-249.9
43550	-6.1	190.5	62	-251.3
43560	-4.3	193.0	59	-251.5
43570	-4.2	195.5	57	-252.1
43580	-5.4	198.0	54	-252.1
43590	-6.2	200.5	52	-252.1
43600	-5.8	203.1	49	-252.9
43610	-4.9	205.6	47	-253.1
43620	-3.3	208.1	44	-253.1
43630	-2.4	210.7	42	-252.9
43640	-2.4	213.2	39	-252.3
43650	-2.6	215.7	37	-252.1
43660	-2.4	218.2	34	-251.3
43670	-2.4	220.7	32	-251.0
43680	-2.0	223.2	29	-250.2

43690	1.1	225.7	27	-249.4
43700	6.4	228.2	24	-247.3
43710	8.3	230.7	22	-243.8
43720	5.6	233.1	19	-240.3
43730	2.7	235.5	17	-238.0
43740	1.8	237.8	15	-235.8
43750	3.1	240.2	12	-234.0
43760	6.1	242.5	10	-231.8
43770	9.1	244.8	8	-228.4
43780	10.0	247.1	5	-224.4
43790	8.7	249.3	3	-220.6
43800	6.9	251.4	1	-217.2
43810	7.2	253.6	-1	-214.0
43820	8.4	255.7	-3	-210.5
43830	9.9	257.8	-5	-206.8
43840	11.1	259.8	-7	-202.5
43850	10.7	261.7	-9	-174.9
43860	-2.6	263.4	-11	-164.5
43870	-4.5	264.9	-12	-124.3
43880	-22.0	266.1	-14	-117.4
43890	-32.8	267.1	-15	-100.0
43900	-27.0	268.1	-16	-91.3
43910	-10.4	268.7	-16	-68.6
43920	0.4	269.4	-17	-60.9
43930	1.8	269.8	-17	-46.5
43940	18.0	270.2	-18	-40.9
43950	29.3	270.5	-18	-28.2
43960	29.4	270.7	-18	-17.5
43970	21.7	270.9	-18	-11.9
43980	14.6	271.0	-19	-7.4
43990	12.7	271.0	-19	-3.1
44000	15.2	271.0	-19	0.7
44010	21.0	271.0	-19	2.3
44020	24.4	270.9	-18	9.0
44030	23.3	270.8	-18	15.7
44040	18.8	270.6	-18	22.8
44050	15.1	270.4	-18	25.8
44060	15.1	270.1	-18	26.8
44070	18.6	269.7	-17	30.8
44080	22.9	269.4	-17	35.6
44090	25.6	268.9	-16	50.3
44100	24.7	268.4	-16	52.4
44110	21.7	267.8	-15	53.2
44120	17.8	267.2	-15	71.0
44130	15.9	266.5	-14	69.7
44140	16.4	265.8	-13	66.2
44150	18.6	265.0	-13	70.2
44160	20.6	264.2	-12	74.8
44170	21.0	263.3	-11	97.4
44180	19.9	262.4	-10	93.7
44190	17.9	261.4	-9	88.9
44200	16.7	260.4	-8	103.8
44210	16.7	259.3	-7	108.0
44220	17.4	258.2	-6	112.6

44230	18.0	257.0	-5	117.1
44240	18.3	255.8	-3	122.1
44250	17.6	254.6	-2	126.9
44260	16.4	253.3	-1	131.5
44270	14.2	251.9	1	135.5
44280	14.2	250.5	2	139.2
44290	15.2	249.1	3	142.9
44300	16.1	247.7	5	146.9
44310	16.4	246.2	6	150.6
44320	16.0	244.6	8	154.9
44330	14.4	243.0	9	158.9
44340	13.3	241.4	11	162.6
44350	12.9	239.8	13	165.5
44360	12.7	238.1	14	168.5
44370	12.9	236.4	16	171.4
44380	12.3	234.6	18	174.6
44390	11.8	232.9	20	177.8
44400	11.3	231.1	21	180.4
44410	10.0	229.3	23	182.6
44420	9.1	227.4	25	184.4
44430	9.1	225.6	27	186.3
44440	9.1	223.7	29	187.9
44450	8.7	221.8	31	189.8
44460	7.5	219.9	33	191.6
44470	6.2	218.0	34	192.4
44480	5.0	216.0	36	193.2
44490	4.9	214.1	38	194.0
44500	4.9	212.1	40	194.8
44510	3.9	210.2	42	195.1
44520	3.4	208.2	44	195.4
44530	2.8	206.3	46	195.4
44540	3.0	204.3	48	195.6
44550	3.3	202.4	50	195.6
44560	3.4	200.4	52	195.6
44570	2.8	198.5	54	195.6
44580	2.4	196.5	56	195.4
44590	2.3	194.5	58	195.1
44600	2.3	192.6	60	195.1
44610	2.3	190.6	62	194.8
44620	2.4	188.7	64	194.6
44630	2.6	186.8	66	194.3
44640	2.7	184.8	68	194.3
44650	3.3	182.9	70	194.0
44660	3.1	180.9	72	194.0
44670	2.6	179.0	73	194.0
44680	2.3	177.0	75	194.0
44690	2.0	175.1	77	193.5
44700	1.9	173.2	79	193.2
44710	1.9	171.2	81	193.0
44720	1.9	169.3	83	192.7
44730	1.9	167.4	85	192.2
44740	1.9	165.5	87	191.9
44750	1.8	163.6	89	191.4
44760	1.8	161.6	91	191.1

44770	1.4	159.7	93	190.8
44780	0.5	157.8	95	190.0
44790	0.3	155.9	97	189.2
44800	2.2	154.1	98	188.4
44810	2.6	152.2	100	188.2
44820	2.4	150.3	102	188.4
44830	2.4	148.4	104	188.2
44840	2.6	146.5	106	187.9
44850	3.3	144.6	108	187.9
44860	5.0	142.8	110	188.2
44870	7.1	140.9	112	188.4
44880	6.5	139.0	113	189.8
44890	3.8	137.1	115	190.8
44900	2.0	135.2	117	191.1
44910	2.2	133.3	119	190.6
44920	2.2	131.4	121	190.3
44930	2.2	129.5	123	190.0
44940	2.2	127.6	125	190.0
44950	2.2	125.7	127	189.5
44960	2.2	123.8	129	189.2
44970	2.0	121.9	131	189.2
44980	1.9	120.0	132	188.7
44990	2.0	118.1	134	188.4
45000	1.9	116.2	136	188.4
45010	1.8	114.3	138	187.9
45020	0.9	112.5	140	187.4
45030	-2.2	110.6	142	186.3
45040	-4.2	108.7	144	184.7
45050	-2.3	106.9	146	182.8
45060	0.0	105.1	147	181.8
45070	0.9	103.3	149	180.7
45080	0.7	101.5	151	180.2
45090	-0.1	99.7	153	179.4
45100	-1.1	97.9	155	178.6
45110	-1.6	96.1	156	177.3
45120	-1.9	94.3	158	175.9
45130	-2.6	92.6	160	174.6
45140	-2.8	90.9	162	173.0
45150	-3.0	89.1	163	171.4
45160	-3.7	87.4	165	169.5
45170	-4.7	85.8	167	167.4
45180	-4.5	84.2	168	148.5
45190	2.8	82.7	170	127.7
45200	8.8	81.4	171	135.5
45210	23.9	80.3	172	107.8
45220	32.7	79.3	173	94.2
45230	26.0	78.5	174	80.6
45240	13.2	77.8	175	69.4
45250	1.2	77.2	175	58.5
45260	0.0	76.6	176	50.0
45270	0.0	76.2	176	43.3
45280	-6.2	75.8	177	33.2
45290	-13.2	75.5	177	30.8
45300	-14.8	75.2	177	28.2

45310	-13.0	75.0	177	21.8
45320	-9.6	74.8	178	16.5
45330	-6.5	74.6	178	14.6
45340	-6.5	74.5	178	14.3
45350	-9.5	74.3	178	10.9
45360	-14.4	74.2	178	9.8
45370	-17.8	74.2	178	4.2
45380	-20.2	74.2	178	-0.7
45390	-23.1	74.2	178	-3.4
45400	-25.8	74.3	178	-9.5
45410	-28.2	74.4	178	-14.9
45420	-28.6	74.7	178	-22.0
45430	-26.7	75.0	177	-28.7
45440	-23.7	75.3	177	-35.4
45450	-22.0	75.8	177	-40.9
45460	-22.1	76.3	176	-51.6
45470	-23.6	76.9	176	-63.8
45480	-25.0	77.5	175	-64.4
45490	-25.9	78.2	174	-63.8
45500	-25.5	78.9	174	-70.0
45510	-23.3	79.7	173	-77.7
45520	-21.0	80.6	172	-81.4
45530	-19.0	81.6	171	-86.2
45540	-18.2	82.6	170	-92.3
45550	-18.6	83.6	169	-95.0
45560	-19.1	84.7	168	-99.3
45570	-19.0	85.9	167	-115.5
45580	-19.0	87.1	165	-120.3
45590	-19.1	88.4	164	-125.6
45600	-19.4	89.6	163	-130.4
45610	-19.4	91.0	161	-135.7
45620	-18.2	92.4	160	-140.5
45630	-15.9	93.8	159	-145.3
45640	-13.8	95.3	157	-149.0
45650	-12.3	96.8	156	-152.5
45660	-12.2	98.4	154	-155.4
45670	-12.7	99.9	153	-158.4
45680	-12.9	101.6	151	-161.5
45690	-13.0	103.2	149	-164.2
45700	-13.6	104.9	148	-167.7
45710	-13.8	106.6	146	-170.9
45720	-13.4	108.3	144	-173.8
45730	-11.5	110.1	142	-177.0
45740	-9.4	111.8	141	-179.7
45750	-8.5	113.7	139	-181.2
45760	-9.2	115.5	137	-183.1
45770	-10.0	117.3	135	-185.0
45780	-10.6	119.2	133	-186.8
45790	-10.3	121.1	131	-189.0
45800	-10.3	123.0	129	-191.4
45810	-10.7	124.9	128	-193.2
45820	-10.8	126.9	126	-195.4
45830	-10.4	128.8	124	-197.8
45840	-9.1	130.8	122	-199.6

45850	-8.8	132.8	120	-200.9
45860	-9.2	134.9	118	-202.8
45870	-9.5	136.9	116	-204.7
45880	-9.6	139.0	113	-206.3
45890	-10.2	141.0	111	-208.1
45900	-11.3	143.1	109	-210.0
45910	-11.4	145.3	107	-212.1
45920	-9.5	147.4	105	-214.8
45930	-8.4	149.6	103	-216.4
45940	-9.1	151.7	101	-218.0
45950	-9.6	153.9	99	-219.6
45960	-9.5	156.1	96	-221.2
45970	-8.7	158.4	94	-222.8
45980	-9.4	160.6	92	-224.6
45990	-10.8	162.9	90	-226.2
46000	-10.8	165.1	87	-228.4
46010	-10.3	167.4	85	-230.2
46020	-9.6	169.8	83	-232.1
46030	-9.2	172.1	80	-234.2
46040	-8.7	174.4	78	-235.6
46050	-9.1	176.8	76	-237.2
46060	-9.6	179.2	73	-238.5
46070	-9.6	181.6	71	-240.3
46080	-8.4	184.0	68	-241.9
46090	-7.9	186.4	66	-243.0
46100	-7.2	188.9	64	-244.3
46110	-6.2	191.3	61	-245.4
46120	-5.8	193.8	59	-246.2
46130	-6.8	196.3	56	-246.7
46140	-7.9	198.7	54	-247.8
46150	-6.5	201.2	51	-248.9
46160	-5.3	203.7	49	-249.7
46170	-3.7	206.2	46	-249.9
46180	-2.7	208.7	44	-250.2
46190	-2.4	211.2	41	-249.7
46200	-2.6	213.7	39	-248.9
46210	-2.6	216.2	36	-248.3
46220	-2.6	218.7	34	-248.3
46230	-2.4	221.2	31	-247.5
46240	-2.0	223.6	29	-247.0
46250	0.4	226.1	26	-246.5
46260	5.3	228.5	24	-244.3
46270	6.9	231.0	21	-241.4
46280	4.6	233.4	19	-238.0
46290	1.6	235.7	17	-236.1
46300	-0.3	238.1	14	-234.5
46310	0.4	240.4	12	-233.4
46320	3.4	242.7	10	-231.8
46330	6.8	245.0	7	-229.2
46340	8.5	247.3	5	-226.0
46350	7.9	249.5	3	-222.5
46360	6.5	251.7	1	-219.1
46370	7.3	253.9	-1	-216.1
46380	9.1	256.0	-4	-212.9

46390	11.4	258.1	-6	-208.7
46400	12.6	260.2	-8	-203.9
46410	9.6	262.2	-10	-210.0
46420	-3.8	263.7	-11	-160.2
46430	-11.4	265.2	-13	-147.7
46440	-29.8	266.3	-14	-113.6
46450	-36.6	267.3	-15	-96.3
46460	-28.5	268.2	-16	-80.1
46470	-10.8	268.9	-16	-58.5
46480	0.3	269.4	-17	-53.2
46490	0.8	269.9	-17	-39.6
46500	12.9	270.3	-18	-35.9
46510	25.4	270.6	-18	-24.7
46520	27.5	270.8	-18	-19.9
46530	23.3	271.0	-19	-11.4
46540	18.3	271.0	-19	-6.9
46550	15.3	271.1	-19	-2.1
46560	16.0	271.1	-19	0.7
46570	19.9	271.0	-19	3.9
46580	21.6	271.0	-19	8.5
46590	20.5	270.8	-18	13.3
46600	17.1	270.6	-18	18.3
46610	15.1	270.4	-18	22.3
46620	16.3	270.1	-18	32.2
46630	19.9	269.8	-17	33.5
46640	23.9	269.4	-17	39.1
46650	25.8	269.0	-17	45.7
46660	24.7	268.5	-16	47.3
46670	21.7	267.9	-15	64.1
46680	18.7	267.3	-15	64.9
46690	17.1	266.6	-14	63.0
46700	17.4	265.8	-13	67.3
46710	19.1	265.0	-13	87.0
46720	20.3	264.2	-12	92.6
46730	20.3	263.3	-11	98.5
46740	19.1	262.4	-10	104.3
46750	17.5	261.4	-9	109.9
46760	16.3	260.3	-8	114.7
46770	16.5	259.3	-7	108.6
46780	17.0	258.2	-6	113.1
46790	17.1	257.0	-5	117.6
46800	17.0	255.8	-3	122.4
46810	16.4	254.5	-2	126.7
46820	14.8	253.2	-1	130.9
46830	14.0	251.9	1	134.7
46840	14.2	250.5	2	138.4
46850	14.5	249.1	3	141.8
46860	14.4	247.7	5	145.6
46870	13.8	246.2	6	149.0
46880	13.3	244.7	8	152.5
46890	13.0	243.1	9	155.7
46900	13.0	241.5	11	158.9
46910	12.9	239.9	13	161.8
46920	11.7	238.3	14	165.3

46930	10.4	236.6	16	167.7
46940	9.5	234.9	18	170.1
46950	9.1	233.2	19	171.9
46960	9.8	231.4	21	173.8
46970	10.3	229.7	23	175.9
46980	9.8	227.9	25	178.1
46990	8.9	226.1	26	180.2
47000	8.1	224.3	28	181.5
47010	6.9	222.5	30	183.4
47020	6.0	220.6	32	184.7
47030	5.8	218.8	34	185.5
47040	6.0	216.9	36	186.3
47050	6.2	215.0	37	187.1
47060	7.1	213.2	39	187.9
47070	6.5	211.3	41	189.2
47080	5.4	209.4	43	190.0
47090	4.6	207.5	45	190.6
47100	4.5	205.6	47	191.1
47110	5.0	203.6	49	191.6
47120	5.8	201.7	51	192.2
47130	5.6	199.8	53	193.0
47140	4.3	197.9	55	193.8
47150	3.8	195.9	57	194.3
47160	4.5	194.0	58	194.6
47170	5.6	192.0	60	194.8
47180	5.8	190.1	62	195.4
47190	5.3	188.1	64	196.4
47200	4.7	186.1	66	197.0
47210	4.2	184.2	68	197.5
47220	3.1	182.2	70	198.0
47230	1.9	180.2	72	197.8
47240	1.8	178.2	74	197.5
47250	1.8	176.3	76	197.0
47260	1.9	174.3	78	196.7
47270	1.9	172.3	80	196.4
47280	2.0	170.4	82	195.6
47290	2.2	168.4	84	195.6
47300	2.2	166.5	86	195.4
47310	2.0	164.5	88	195.1
47320	1.9	162.6	90	194.6
47330	2.0	160.6	92	194.3
47340	2.2	158.7	94	194.0
47350	2.2	156.8	96	193.8
47360	2.0	154.8	98	193.2
47370	1.9	152.9	100	193.2
47380	1.9	151.0	101	192.7
47390	1.6	149.0	103	192.2
47400	1.1	147.1	105	191.6
47410	0.8	145.2	107	191.1
47420	1.6	143.3	109	190.6
47430	1.9	141.4	111	190.0
47440	2.0	139.5	113	189.8
47450	1.9	137.6	115	189.5
47460	1.8	135.7	117	189.0

47470	1.8	133.8	119	188.7
47480	1.6	131.9	121	188.4
47490	1.1	130.1	122	187.9
47500	0.0	128.2	124	187.4
47510	0.0	126.3	126	186.3
47520	0.8	124.5	128	185.5
47530	0.9	122.6	130	185.0
47540	0.3	120.8	132	183.9
47550	-0.4	118.9	134	183.4
47560	-0.1	117.1	135	182.6
47570	0.3	115.3	137	181.8
47580	0.0	113.5	139	181.0
47590	-0.7	111.7	141	179.7
47600	-1.6	109.9	143	178.9
47610	-1.6	108.1	144	177.3
47620	-0.9	106.3	146	175.9
47630	-1.2	104.6	148	174.9
47640	-2.3	102.8	150	173.3
47650	-3.4	101.1	151	171.7
47660	-3.5	99.4	153	170.1
47670	-3.3	97.7	155	167.9
47680	-3.3	96.1	156	166.6
47690	-4.2	94.4	158	164.7
47700	-5.2	92.8	160	162.6
47710	-5.6	91.2	161	160.2
47720	-5.8	89.6	163	157.8
47730	-5.8	88.0	164	155.4
47740	-6.8	86.5	166	152.5
47750	-7.6	85.0	167	147.4
47760	-4.1	83.6	169	151.4
47770	2.6	82.4	170	122.1
47780	5.3	81.3	171	107.5
47790	17.4	80.3	172	86.7
47800	23.7	79.4	173	92.6
47810	18.3	78.7	174	66.2
47820	8.0	78.0	174	64.4
47830	-0.3	77.4	175	55.3
47840	0.0	76.9	176	48.4
47850	-2.6	76.5	176	46.5
47860	-11.9	76.1	176	36.2
47870	-18.4	75.8	177	30.0
47880	-19.3	75.5	177	22.0
47890	-16.8	75.3	177	21.2
47900	-13.0	75.2	177	14.9
47910	-11.3	75.0	177	11.4
47920	-13.7	74.9	178	6.9
47930	-18.0	74.9	178	3.4
47940	-21.4	74.9	178	-1.0
47950	-24.4	74.9	178	-4.5
47960	-27.0	75.0	177	-10.3
47970	-29.4	75.2	177	-16.7
47980	-30.1	75.5	177	-29.5
47990	-29.0	75.8	177	-38.3
48000	-26.8	76.2	176	-46.3

48010	-25.0	76.7	176	-55.3
48020	-23.9	77.2	175	-62.2
48030	-23.9	77.9	175	-70.2
48040	-24.7	78.5	174	-70.0
48050	-25.4	79.3	173	-68.9
48060	-25.9	80.1	172	-75.6
48070	-25.9	81.0	171	-81.4
48080	-25.5	81.9	171	-88.9
48090	-24.0	83.0	169	-93.9
48100	-22.6	84.0	168	-99.3
48110	-20.6	85.2	167	-104.3
48120	-19.1	86.4	166	-121.1
48130	-18.8	87.7	165	-126.4
48140	-19.5	89.0	163	-131.5
48150	-20.5	90.3	162	-136.8
48160	-21.0	91.8	161	-141.8
48170	-20.6	93.2	159	-147.4
48180	-20.3	94.7	158	-152.8
48190	-19.5	96.3	156	-158.1
48200	-18.6	97.9	155	-163.1
48210	-15.9	99.6	153	-167.9
48220	-13.6	101.3	151	-171.7
48230	-12.2	103.0	149	-174.9
48240	-12.7	104.8	148	-177.8
48250	-14.6	106.6	146	-180.7
48260	-16.7	108.4	144	-183.9
48270	-16.4	110.3	142	-187.9
48280	-14.8	112.2	140	-191.9
48290	-13.2	114.2	138	-195.1
48300	-12.2	116.1	136	-198.0
48310	-11.1	118.1	134	-200.7
48320	-9.6	120.2	132	-202.8
48330	-8.7	122.2	130	-204.7
48340	-9.2	124.3	128	-206.3
48350	-11.0	126.3	126	-208.4
48360	-12.3	128.4	124	-210.8
48370	-12.9	130.6	122	-213.2
48380	-12.9	132.7	120	-216.1
48390	-12.2	134.9	118	-218.5
48400	-10.2	137.1	115	-221.4
48410	-7.9	139.3	113	-223.3
48420	-7.3	141.6	111	-224.4
48430	-9.2	143.8	109	-225.7
48440	-11.3	146.1	106	-227.0
48450	-11.7	148.4	104	-229.2
48460	-11.7	150.7	102	-231.6
48470	-11.8	153.0	99	-234.0
48480	-10.7	155.4	97	-236.1
48490	-8.0	157.8	95	-238.5
48500	-6.8	160.2	92	-239.8
48510	-8.3	162.6	90	-240.3
48520	-9.2	165.0	87	-241.9
48530	-9.1	167.4	85	-243.5
48540	-8.7	169.9	83	-244.6

48550	-8.4	172.3	80	-246.5
48560	-7.7	174.8	78	-247.8
48570	-7.7	177.3	75	-248.6
48580	-7.6	179.8	73	-249.4
48590	-7.1	182.3	70	-250.7
48600	-6.1	184.8	68	-251.3
48610	-5.4	187.3	65	-251.8
48620	-4.3	189.8	63	-252.1
48630	-3.0	192.3	60	-252.1
48640	-2.7	194.9	58	-251.8
48650	-2.8	197.4	55	-251.5
48660	-2.8	199.9	53	-251.3
48670	-3.1	202.4	50	-250.5
48680	-3.8	204.9	48	-250.2
48690	-4.7	207.4	45	-250.5
48700	-4.2	209.9	43	-250.2
48710	-3.0	212.4	40	-250.2
48720	-2.7	214.9	38	-250.2
48730	-2.4	217.4	35	-249.7
48740	-2.4	219.9	33	-249.4
48750	-2.3	222.4	30	-248.9
48760	-1.9	224.9	28	-248.3
48770	3.0	227.4	25	-247.5
48780	8.8	229.8	23	-244.6
48790	9.1	232.2	20	-240.9
48800	5.4	234.6	18	-237.2
48810	2.2	237.0	15	-234.8
48820	1.8	239.3	13	-233.2
48830	4.1	241.6	11	-231.0
48840	7.9	243.9	9	-228.6
48850	10.4	246.2	6	-224.9
48860	10.3	248.4	4	-220.4
48870	7.9	250.6	2	-216.7
48880	6.2	252.7	0	-213.5
48890	6.6	254.8	-2	-210.3
48900	8.5	256.9	-4	-207.1
48910	11.0	258.9	-6	-203.6
48920	12.6	260.9	-8	-198.8
48930	4.6	262.7	-10	-175.7
48940	-3.1	264.3	-12	-163.1
48950	-16.7	265.5	-13	-125.9
48960	-35.3	266.7	-14	-106.7
48970	-36.1	267.6	-15	-98.7
48980	-23.1	268.4	-16	-74.8
48990	-3.0	269.1	-17	-66.0
49000	0.4	269.6	-17	-50.3
49010	5.2	270.0	-18	-37.8
49020	18.0	270.4	-18	-33.5
49030	25.1	270.6	-18	-23.1
49040	23.7	270.8	-18	-19.9
49050	17.5	271.0	-19	-12.2
49060	11.3	271.1	-19	-8.7
49070	10.0	271.1	-19	-4.7
49080	13.3	271.2	-19	-2.3

49090	18.4	271.2	-19	0.7
49100	23.2	271.1	-19	4.2
49110	22.6	271.1	-19	9.8
49120	17.5	270.9	-18	17.5
49130	12.6	270.7	-18	22.6
49140	11.8	270.5	-18	26.8
49150	15.5	270.2	-18	30.6
49160	20.7	269.9	-17	35.4
49170	24.7	269.5	-17	38.0
49180	25.0	269.1	-17	44.7
49190	22.2	268.6	-16	46.0

ISOK_EXERC_FLEX/EXT_300_R_SIDE

01/07

Set #5

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	3.4	221.6	31	53.7
10	19.5	221.0	31	56.1
20	38.1	220.4	32	63.0
30	36.1	219.7	33	74.2
40	20.6	218.9	34	84.9
50	-0.5	218.0	34	89.7
60	0.1	217.1	35	90.2
70	0.0	216.2	36	89.9
80	0.1	215.3	37	89.1
90	2.3	214.4	38	89.1
100	4.9	213.5	39	89.7
110	23.7	212.6	40	92.1
120	30.9	211.6	41	98.7
130	20.2	210.6	42	106.7
140	4.1	209.5	43	111.8
150	0.8	208.3	44	112.8
160	1.8	207.2	45	112.6
170	1.8	206.1	46	112.6
180	4.7	205.0	47	112.6
190	13.6	203.8	49	114.2
200	19.4	202.6	50	117.9
210	16.5	201.4	51	122.9
220	8.4	200.2	52	126.7
230	1.8	198.9	54	128.3
240	1.9	197.6	55	128.5
250	4.7	196.3	56	128.8
260	10.6	195.0	57	129.9
270	14.9	193.7	59	132.3
280	14.1	192.4	60	135.7
290	9.4	191.0	61	139.5
300	4.5	189.6	63	141.3
310	3.3	188.1	64	141.8
320	4.7	186.7	66	142.1
330	7.9	185.3	67	143.2
340	9.8	183.8	69	145.0
350	9.9	182.4	70	147.2
360	7.3	180.9	72	149.6
370	4.7	179.4	73	150.9
380	4.3	177.9	75	151.7
390	5.3	176.3	76	152.2
400	6.4	174.8	78	153.3
410	8.0	173.3	79	154.4
420	7.7	171.7	81	156.0
430	5.8	170.2	82	157.3
440	4.6	168.6	84	158.4
450	4.5	167.0	85	158.9
460	5.4	165.4	87	159.7
470	6.6	163.8	89	161.0
480	7.2	162.2	90	161.8

490	7.2	160.5	92	163.4
500	6.1	158.9	94	164.7
510	4.6	157.2	95	165.8
520	4.1	155.6	97	166.3
530	4.3	153.9	99	166.9
540	5.2	152.2	100	167.1
550	6.2	150.5	102	168.2
560	6.0	148.9	104	169.3
570	5.0	147.2	105	169.8
580	3.5	145.5	107	170.6
590	2.8	143.7	109	170.9
600	3.4	142.0	110	170.9
610	4.1	140.3	112	170.9
620	3.8	138.6	114	171.7
630	3.4	136.9	116	171.7
640	2.4	135.2	117	171.9
650	2.2	133.5	119	171.9
660	1.9	131.7	121	171.7
670	1.9	130.0	122	171.4
680	1.9	128.3	124	171.7
690	1.8	126.6	126	171.1
700	1.8	124.9	128	170.6
710	1.8	123.2	129	170.1
720	1.1	121.5	131	170.1
730	-1.5	119.8	133	169.3
740	-3.3	118.1	134	167.7
750	-1.2	116.4	136	166.1
760	1.4	114.8	138	165.0
770	2.0	113.1	139	165.0
780	1.6	111.5	141	164.5
790	0.7	109.9	143	163.9
800	-0.8	108.2	144	163.4
810	-1.6	106.6	146	162.1
820	-1.5	105.0	147	160.7
830	-1.1	103.4	149	159.7
840	-0.7	101.8	151	158.4
850	-0.7	100.2	152	157.6
860	-1.1	98.6	154	156.5
870	-1.5	97.1	155	155.2
880	-2.0	95.5	157	154.1
890	-2.3	94.0	158	152.8
900	-2.4	92.5	160	151.4
910	-1.9	91.0	161	150.1
920	-1.1	89.5	163	148.8
930	-2.2	88.0	164	147.7
940	-3.4	86.5	166	146.4
950	-3.8	85.1	167	142.4
960	0.1	83.7	169	147.7
970	2.6	82.6	170	119.5
980	12.7	81.5	171	106.2
990	27.8	80.5	172	85.1
1000	30.8	79.6	173	84.3
1010	21.4	78.9	174	73.7
1020	9.8	78.2	174	57.7

1030	2.6	77.6	175	55.9
1040	0.7	77.1	175	49.2
1050	0.7	76.6	176	47.6
1060	0.1	76.3	176	38.0
1070	0.1	75.9	177	30.3
1080	0.0	75.6	177	30.0
1090	-2.6	75.3	177	23.6
1100	-8.1	75.1	177	22.6
1110	-11.3	74.9	178	20.4
1120	-11.4	74.7	178	15.7
1130	-11.4	74.6	178	11.1
1140	-14.2	74.5	178	9.3
1150	-18.4	74.4	178	4.2
1160	-23.6	74.4	178	-1.3
1170	-27.7	74.5	178	-4.7
1180	-29.6	74.6	178	-11.1
1190	-29.4	74.8	178	-18.1
1200	-27.5	75.0	177	-28.2
1210	-26.0	75.4	177	-35.6
1220	-26.6	75.8	177	-38.3
1230	-28.5	76.3	176	-55.1
1240	-30.0	76.8	176	-57.7
1250	-30.2	77.4	175	-59.3
1260	-29.4	78.2	174	-66.8
1270	-27.7	79.0	173	-73.4
1280	-25.6	79.8	173	-81.7
1290	-24.5	80.8	172	-86.2
1300	-24.3	81.8	171	-93.7
1310	-24.4	82.8	170	-97.9
1320	-23.7	84.0	168	-103.2
1330	-23.1	85.2	167	-109.1
1340	-22.8	86.5	166	-126.9
1350	-23.3	87.8	165	-133.3
1360	-23.7	89.2	163	-139.5
1370	-23.2	90.6	162	-146.1
1380	-21.0	92.1	160	-151.7
1390	-17.9	93.7	159	-157.3
1400	-16.7	95.3	157	-161.5
1410	-16.0	97.0	155	-165.8
1420	-15.9	98.6	154	-169.8
1430	-15.6	100.4	152	-173.5
1440	-15.1	102.1	150	-177.5
1450	-14.2	103.9	149	-181.2
1460	-14.2	105.8	147	-184.2
1470	-14.5	107.7	145	-187.9
1480	-13.8	109.6	143	-191.4
1490	-11.7	111.5	141	-194.3
1500	-10.2	113.5	139	-196.7
1510	-9.6	115.4	137	-199.1
1520	-9.5	117.4	135	-200.9
1530	-9.5	119.5	133	-202.8
1540	-9.2	121.5	131	-204.7
1550	-9.8	123.6	129	-206.8
1560	-10.6	125.7	127	-208.7

1570	-10.7	127.8	125	-210.5
1580	-9.6	129.9	123	-212.4
1590	-8.7	132.0	120	-214.5
1600	-8.9	134.2	118	-216.1
1610	-8.7	136.4	116	-217.7
1620	-8.3	138.5	114	-219.1
1630	-8.3	140.7	112	-220.4
1640	-9.5	143.0	109	-222.0
1650	-10.2	145.2	107	-223.6
1660	-9.2	147.4	105	-225.4
1670	-8.4	149.7	103	-227.0
1680	-8.5	152.0	100	-228.4
1690	-8.3	154.3	98	-230.0
1700	-8.1	156.6	96	-230.8
1710	-7.9	158.9	94	-232.1
1720	-9.8	161.2	91	-233.4
1730	-11.0	163.6	89	-235.0
1740	-10.2	166.0	86	-237.4
1750	-8.1	168.3	84	-239.0
1760	-7.5	170.7	82	-240.1
1770	-8.1	173.2	79	-241.4
1780	-9.4	175.6	77	-242.7
1790	-10.2	178.0	74	-244.3
1800	-10.3	180.5	72	-246.5
1810	-9.2	183.0	69	-248.1
1820	-7.3	185.5	67	-249.7
1830	-7.1	188.0	64	-250.5
1840	-5.8	190.5	62	-251.3
1850	-5.0	193.0	59	-251.8
1860	-5.2	195.5	57	-251.8
1870	-6.2	198.0	54	-252.1
1880	-6.1	200.5	52	-252.9
1890	-5.2	203.1	49	-253.1
1900	-4.2	205.6	47	-253.4
1910	-3.1	208.1	44	-253.1
1920	-2.6	210.7	42	-252.9
1930	-2.4	213.2	39	-252.6
1940	-2.4	215.7	37	-251.8
1950	-2.3	218.2	34	-251.3
1960	-2.0	220.7	32	-250.7
1970	1.8	223.3	29	-249.9
1980	7.9	225.7	27	-247.3
1990	10.2	228.2	24	-243.8
2000	6.8	230.6	22	-239.6
2010	1.9	233.0	19	-236.9
2020	0.0	235.3	17	-235.6
2030	1.2	237.7	15	-234.0
2040	4.5	240.0	12	-232.1
2050	7.9	242.3	10	-229.4
2060	9.8	244.6	8	-225.7
2070	9.2	246.8	6	-221.7
2080	7.9	249.0	3	-218.0
2090	7.3	251.1	1	-214.8
2100	10.0	253.3	-1	-211.3

2110	13.4	255.3	-3	-206.8
2120	15.7	257.4	-5	-201.5
2130	16.5	259.3	-7	-195.9
2140	15.9	261.2	-9	-171.1
2150	5.3	262.9	-10	-147.2
2160	-3.0	264.3	-12	-140.2
2170	-13.3	265.6	-13	-106.7
2180	-29.0	266.6	-14	-101.4
2190	-29.2	267.5	-15	-86.2
2200	-16.7	268.3	-16	-64.6
2210	0.5	268.9	-16	-59.3
2220	1.1	269.4	-17	-49.5
2230	16.5	269.9	-17	-44.4
2240	31.7	270.2	-18	-30.6
2250	33.0	270.4	-18	-18.9
2260	25.2	270.6	-18	-12.2
2270	17.0	270.7	-18	-7.1
2280	13.3	270.7	-18	-2.1
2290	15.7	270.7	-18	0.2
2300	23.9	270.7	-18	2.6
2310	29.4	270.6	-18	8.2
2320	28.7	270.4	-18	15.4
2330	22.1	270.2	-18	27.4
2340	16.5	269.9	-17	30.6
2350	15.3	269.6	-17	31.6
2360	19.1	269.2	-17	35.6
2370	25.4	268.8	-16	40.4
2380	29.6	268.2	-16	56.9
2390	29.0	267.7	-15	59.3
2400	24.8	267.0	-15	60.4
2410	19.4	266.3	-14	81.1
2420	17.2	265.5	-13	79.0
2430	18.3	264.7	-12	75.0
2440	21.4	263.8	-11	79.6
2450	24.5	262.9	-10	84.6
2460	25.0	261.9	-9	90.5
2470	23.2	260.9	-8	96.3
2480	20.2	259.7	-7	112.8
2490	18.7	258.5	-6	118.4
2500	19.1	257.3	-5	123.2
2510	20.6	256.0	-4	128.5
2520	21.8	254.7	-2	134.1
2530	21.3	253.3	-1	139.7
2540	19.0	251.9	1	145.6
2550	17.2	250.4	2	150.1
2560	16.3	248.9	4	154.6
2570	16.4	247.3	5	158.9
2580	17.1	245.7	7	163.1
2590	18.0	244.0	8	167.4
2600	17.9	242.3	10	171.7
2610	17.1	240.5	12	176.5
2620	14.9	238.7	14	180.4
2630	13.2	236.9	16	183.9
2640	12.2	235.1	17	186.8

2650	12.2	233.2	19	189.8
2660	13.3	231.2	21	192.4
2670	14.2	229.3	23	195.4
2680	14.4	227.3	25	198.6
2690	13.7	225.3	27	201.7
2700	12.3	223.3	29	204.7
2710	10.7	221.2	31	207.1
2720	9.5	219.1	33	209.5
2730	9.2	217.0	35	211.1
2740	10.2	214.9	38	212.7
2750	11.7	212.7	40	214.8
2760	11.7	210.6	42	216.9
2770	10.6	208.4	44	219.9
2780	9.4	206.2	46	221.7
2790	8.9	203.9	49	223.0
2800	8.9	201.7	51	224.9
2810	7.6	199.4	53	226.5
2820	6.1	197.2	55	227.6
2830	5.8	194.9	58	227.8
2840	6.4	192.6	60	228.9
2850	7.1	190.3	62	229.7
2860	8.3	188.0	64	231.0
2870	8.3	185.7	67	232.1
2880	6.9	183.3	69	233.4
2890	4.5	181.0	71	234.5
2900	2.6	178.7	74	234.5
2910	2.6	176.3	76	234.2
2920	2.6	174.0	78	234.0
2930	2.7	171.6	81	233.4
2940	3.0	169.3	83	233.2
2950	3.5	167.0	85	233.2
2960	4.1	164.6	88	233.2
2970	3.7	162.3	90	233.2
2980	3.4	160.0	92	232.9
2990	3.0	157.6	95	232.9
3000	2.7	155.3	97	232.9
3010	2.6	153.0	99	232.4
3020	2.6	150.7	102	232.1
3030	2.6	148.3	104	231.8
3040	2.4	146.0	106	231.6
3050	2.3	143.7	109	230.8
3060	2.2	141.4	111	230.5
3070	2.2	139.1	113	230.0
3080	2.0	136.8	116	229.4
3090	1.8	134.5	118	229.2
3100	-0.4	132.2	120	228.4
3110	-3.8	130.0	122	226.5
3120	-4.1	127.7	125	224.1
3130	-1.4	125.5	127	222.2
3140	0.8	123.3	129	220.9
3150	0.4	121.1	131	219.9
3160	-1.5	118.9	134	219.1
3170	-2.4	116.7	136	217.5
3180	-2.6	114.5	138	215.9

3190	-2.3	112.4	140	214.0
3200	-2.7	110.3	142	212.4
3210	-3.0	108.2	144	210.5
3220	-3.3	106.1	146	208.4
3230	-4.2	104.0	148	206.5
3240	-5.2	101.9	151	203.6
3250	-5.2	99.9	153	201.2
3260	-4.2	97.9	155	198.6
3270	-3.7	96.0	156	196.7
3280	-4.3	94.0	158	194.3
3290	-5.6	92.1	160	192.2
3300	-6.0	90.2	162	189.0
3310	-5.7	88.3	164	186.3
3320	-5.3	86.5	166	183.9
3330	-6.2	84.7	168	162.9
3340	0.5	83.0	169	177.5
3350	3.4	81.6	171	138.7
3360	18.4	80.3	172	130.7
3370	32.7	79.3	173	102.7
3380	30.5	78.4	174	87.8
3390	16.3	77.6	175	74.0
3400	1.2	77.0	175	61.4
3410	-0.5	76.4	176	46.5
3420	-6.6	76.0	176	43.6
3430	-16.5	75.6	177	35.6
3440	-19.0	75.3	177	32.2
3450	-18.6	75.0	177	24.2
3460	-16.0	74.8	178	17.0
3470	-12.7	74.7	178	16.7
3480	-11.9	74.5	178	11.4
3490	-14.1	74.5	178	6.9
3500	-17.5	74.4	178	3.7
3510	-20.7	74.4	178	-0.7
3520	-23.6	74.4	178	-4.5
3530	-26.3	74.5	178	-10.6
3540	-29.8	74.7	178	-16.2
3550	-33.2	75.0	177	-28.7
3560	-34.6	75.3	177	-34.8
3570	-33.6	75.7	177	-39.6
3580	-30.8	76.2	176	-58.8
3590	-27.5	76.8	176	-68.1
3600	-24.8	77.5	175	-69.4
3610	-24.0	78.2	174	-68.1
3620	-24.8	79.0	173	-74.0
3630	-26.0	79.9	173	-97.9
3640	-27.0	80.8	172	-95.5
3650	-27.1	81.8	171	-92.3
3660	-26.3	83.0	169	-121.1
3670	-25.5	84.1	168	-128.0
3680	-24.3	85.3	167	-135.7
3690	-23.3	86.6	166	-129.6
3700	-22.4	87.9	165	-136.0
3710	-21.4	89.4	163	-141.6
3720	-20.9	90.8	162	-148.0

3730	-21.0	92.3	160	-153.0
3740	-21.6	93.9	159	-158.6
3750	-22.1	95.5	157	-163.9
3760	-22.6	97.2	155	-169.8
3770	-21.3	99.0	153	-175.9
3780	-18.4	100.8	152	-181.0
3790	-15.5	102.6	150	-185.2
3800	-13.6	104.5	148	-189.2
3810	-14.1	106.4	146	-192.2
3820	-15.9	108.3	144	-195.4
3830	-16.4	110.3	142	-199.4
3840	-15.9	112.3	140	-203.1
3850	-15.1	114.4	138	-206.5
3860	-14.4	116.5	136	-210.0
3870	-13.0	118.6	134	-213.2
3880	-11.5	120.8	132	-216.1
3890	-10.7	123.0	129	-218.3
3900	-11.4	125.2	127	-220.4
3910	-12.1	127.4	125	-222.2
3920	-11.9	129.6	123	-225.2
3930	-11.8	131.9	121	-227.3
3940	-12.3	134.2	118	-230.0
3950	-11.8	136.5	116	-232.1
3960	-10.4	138.8	114	-234.5
3970	-9.5	141.2	111	-236.4
3980	-9.9	143.6	109	-238.0
3990	-10.3	146.0	106	-239.6
4000	-9.6	148.4	104	-241.4
4010	-8.9	150.8	102	-243.0
4020	-9.5	153.2	99	-244.3
4030	-8.8	155.7	97	-245.9
4040	-7.3	158.2	94	-247.5
4050	-7.2	160.7	92	-248.6
4060	-8.4	163.1	89	-249.4
4070	-9.1	165.6	87	-250.7
4080	-9.4	168.2	84	-252.6
4090	-9.5	170.7	82	-254.2
4100	-8.9	173.3	79	-255.8
4110	-8.3	175.8	77	-257.1
4120	-7.6	178.4	74	-258.2
4130	-7.5	181.0	71	-259.3
4140	-7.2	183.6	69	-260.3
4150	-7.6	186.2	66	-261.4
4160	-7.3	188.8	64	-262.4
4170	-5.8	191.5	61	-263.8
4180	-4.9	194.1	58	-264.0
4190	-5.3	196.8	56	-264.0
4200	-5.6	199.4	53	-264.6
4210	-5.3	202.1	50	-264.6
4220	-5.0	204.7	48	-264.8
4230	-3.9	207.4	45	-265.4
4240	-2.7	210.0	42	-265.4
4250	-2.4	212.7	40	-264.8
4260	-2.4	215.3	37	-264.3

4270	-2.3	217.9	35	-263.5
4280	-1.2	220.6	32	-263.0
4290	4.5	223.2	29	-261.4
4300	9.5	225.8	27	-258.2
4310	9.2	228.3	24	-253.9
4320	5.8	230.9	22	-250.2
4330	3.1	233.3	19	-247.3
4340	3.3	235.8	17	-245.1
4350	5.7	238.2	14	-243.3
4360	9.1	240.6	12	-239.6
4370	11.5	243.0	9	-235.3
4380	12.3	245.3	7	-230.5
4390	11.3	247.6	5	-226.0
4400	9.6	249.8	3	-221.4
4410	9.6	252.0	0	-218.0
4420	12.1	254.2	-2	-213.7
4430	14.5	256.3	-4	-208.9
4440	16.0	258.3	-6	-203.1
4450	16.0	260.3	-8	-197.5
4460	11.0	262.2	-10	-201.2
4470	-3.8	263.7	-11	-154.6
4480	-5.4	265.1	-13	-143.4
4490	-20.6	266.2	-14	-99.5
4500	-29.8	267.2	-15	-94.7
4510	-23.6	268.1	-16	-79.3
4520	-7.6	268.7	-16	-58.8
4530	0.1	269.3	-17	-53.7
4540	0.9	269.8	-17	-40.4
4550	14.6	270.2	-18	-36.7
4560	28.1	270.5	-18	-24.7
4570	29.4	270.7	-18	-21.0
4580	24.3	270.8	-18	-10.1
4590	19.5	270.9	-18	-5.3
4600	17.1	270.9	-18	0.0
4610	19.3	270.9	-18	1.3
4620	23.2	270.8	-18	6.3
4630	25.5	270.7	-18	11.7
4640	24.7	270.5	-18	19.7
4650	21.4	270.3	-18	23.9
4660	19.0	270.0	-18	35.6
4670	19.5	269.6	-17	37.5
4680	22.5	269.2	-17	38.6
4690	26.4	268.7	-16	44.9
4700	28.3	268.2	-16	50.5
4710	27.7	267.6	-15	58.3
4720	24.5	266.8	-14	78.5
4730	21.7	266.1	-14	78.0
4740	20.1	265.3	-13	75.0
4750	20.5	264.4	-12	97.4
4760	22.0	263.4	-11	103.5
4770	22.9	262.5	-10	109.6
4780	22.5	261.4	-9	116.3
4790	20.7	260.3	-8	122.7
4800	19.4	259.2	-7	116.8

4810	18.4	257.9	-5	122.1
4820	18.4	256.7	-4	127.2
4830	19.7	255.4	-3	132.3
4840	19.8	254.0	-2	137.1
4850	19.0	252.6	0	142.6
4860	17.2	251.1	1	147.4
4870	15.6	249.6	3	152.0
4880	14.8	248.1	4	155.7
4890	14.5	246.5	6	159.2
4900	15.3	244.9	8	162.9
4910	16.0	243.2	9	166.6
4920	16.4	241.5	11	170.6
4930	15.9	239.8	13	174.6
4940	14.2	238.0	14	178.6
4950	12.1	236.2	16	181.8
4960	10.6	234.4	18	184.4
4970	10.6	232.5	20	186.8
4980	11.4	230.6	22	189.0
4990	11.9	228.7	24	191.4
5000	12.2	226.8	26	194.0
5010	12.2	224.8	28	196.7
5020	11.8	222.8	30	199.6
5030	10.7	220.8	32	201.7
5040	9.9	218.8	34	204.1
5050	9.4	216.7	36	205.7
5060	9.4	214.7	38	207.3
5070	9.6	212.6	40	209.2
5080	8.5	210.5	42	211.1
5090	7.2	208.3	44	212.7
5100	7.1	206.2	46	213.5
5110	8.3	204.1	48	214.8
5120	10.0	201.9	51	216.4
5130	10.7	199.7	53	218.3
5140	9.2	197.5	55	219.9
5150	7.7	195.3	57	221.7
5160	6.1	193.1	59	223.0
5170	5.2	190.8	62	223.8
5180	4.3	188.6	64	223.8
5190	4.2	186.4	66	224.1
5200	3.9	184.1	68	224.1
5210	3.5	181.9	71	224.1
5220	2.7	179.6	73	224.4
5230	2.7	177.4	75	224.1
5240	3.0	175.2	77	223.8
5250	3.3	172.9	80	223.6
5260	3.3	170.7	82	223.6
5270	2.7	168.4	84	223.6
5280	2.4	166.2	86	223.3
5290	2.2	164.0	88	222.8
5300	2.2	161.8	91	222.2
5310	2.2	159.5	93	221.7
5320	2.0	157.3	95	221.7
5330	2.0	155.1	97	221.2
5340	1.8	152.9	100	220.6

5350	0.9	150.7	102	219.9
5360	-0.4	148.5	104	219.3
5370	-1.2	146.3	106	217.7
5380	0.1	144.2	108	216.4
5390	1.9	142.0	110	215.9
5400	2.0	139.8	113	215.3
5410	1.9	137.7	115	214.8
5420	1.6	135.5	117	214.3
5430	1.4	133.4	119	213.7
5440	0.7	131.3	121	213.2
5450	-0.1	129.2	123	211.9
5460	-0.5	127.0	125	211.3
5470	0.0	124.9	128	209.7
5480	0.3	122.8	130	208.7
5490	-0.8	120.8	132	207.9
5500	-1.6	118.7	134	206.5
5510	-1.4	116.6	136	205.2
5520	-0.8	114.6	138	203.9
5530	-1.1	112.6	140	202.8
5540	-3.0	110.6	142	201.2
5550	-4.2	108.6	144	199.1
5560	-3.7	106.6	146	197.2
5570	-3.4	104.6	148	195.1
5580	-3.9	102.7	150	193.2
5590	-4.5	100.8	152	190.8
5600	-4.3	98.9	154	189.0
5610	-4.1	97.0	155	186.6
5620	-4.3	95.1	157	184.7
5630	-5.6	93.3	159	182.3
5640	-6.6	91.5	161	179.7
5650	-6.8	89.7	163	177.0
5660	-6.5	88.0	164	174.1
5670	-6.4	86.3	166	171.4
5680	-6.8	84.7	168	151.4
5690	-0.4	83.1	169	134.7
5700	3.5	81.7	171	142.4
5710	14.1	80.6	172	113.4
5720	26.6	79.6	173	98.7
5730	25.4	78.7	174	76.4
5740	13.7	77.9	175	72.9
5750	1.6	77.3	175	61.7
5760	-0.3	76.7	176	52.7
5770	-0.8	76.2	176	50.0
5780	-9.5	75.8	177	38.6
5790	-17.0	75.5	177	31.6
5800	-18.8	75.2	177	26.0
5810	-18.6	75.0	177	21.0
5820	-17.1	74.8	178	14.1
5830	-14.9	74.7	178	12.2
5840	-15.2	74.6	178	7.1
5850	-18.0	74.6	178	2.1
5860	-21.8	74.6	178	-0.5
5870	-25.6	74.6	178	-6.3
5880	-31.1	74.8	178	-11.4

5890	-35.1	74.9	178	-19.1
5900	-35.5	75.2	177	-27.9
5910	-32.5	75.6	177	-44.7
5920	-28.7	76.1	176	-48.9
5930	-26.3	76.6	176	-51.1
5940	-26.7	77.3	175	-70.8
5950	-27.8	77.9	175	-71.3
5960	-28.5	78.7	174	-70.8
5970	-28.1	79.6	173	-85.9
5980	-26.8	80.5	172	-84.1
5990	-26.4	81.5	171	-90.5
6000	-26.6	82.5	170	-96.9
6010	-27.4	83.6	169	-103.8
6020	-27.7	84.9	168	-133.9
6030	-26.4	86.2	166	-129.1
6040	-24.5	87.5	165	-136.3
6050	-22.9	88.9	164	-142.6
6060	-22.5	90.4	162	-149.0
6070	-23.2	91.9	161	-154.6
6080	-24.8	93.5	159	-161.3
6090	-25.6	95.2	157	-167.1
6100	-25.6	96.9	156	-174.3
6110	-23.5	98.7	154	-180.7
6120	-20.1	100.6	152	-186.6
6130	-16.8	102.5	150	-191.6
6140	-15.1	104.4	148	-195.6
6150	-15.7	106.4	146	-199.1
6160	-17.5	108.4	144	-203.1
6170	-17.8	110.5	142	-207.3
6180	-16.7	112.6	140	-211.6
6190	-15.3	114.7	138	-215.1
6200	-14.6	116.9	136	-218.3
6210	-13.8	119.1	133	-222.0
6220	-12.3	121.4	131	-224.6
6230	-11.4	123.6	129	-227.6
6240	-11.4	125.9	127	-229.7
6250	-11.8	128.2	124	-231.8
6260	-11.5	130.6	122	-234.0
6270	-11.5	132.9	120	-236.4
6280	-11.7	135.3	117	-238.5
6290	-10.4	137.7	115	-240.9
6300	-8.9	140.1	112	-242.7
6310	-8.3	142.6	110	-244.3
6320	-8.5	145.0	107	-245.7
6330	-7.3	147.5	105	-247.3
6340	-6.9	150.0	102	-248.6
6350	-7.6	152.5	100	-249.1
6360	-7.7	155.0	97	-250.5
6370	-5.8	157.5	95	-251.0
6380	-5.2	160.0	92	-251.8
6390	-6.5	162.5	90	-252.3
6400	-7.7	165.0	87	-252.9
6410	-7.9	167.6	85	-253.9
6420	-8.5	170.1	82	-255.0

6430	-8.9	172.7	80	-256.1
6440	-8.9	175.3	77	-257.7
6450	-8.9	177.9	75	-259.0
6460	-9.1	180.5	72	-260.3
6470	-8.3	183.1	69	-261.9
6480	-7.3	185.7	67	-263.0
6490	-6.8	188.3	64	-263.5
6500	-4.9	191.0	61	-264.0
6510	-3.4	193.6	59	-264.0
6520	-3.0	196.3	56	-264.0
6530	-3.3	198.9	54	-263.2
6540	-3.8	201.5	51	-263.0
6550	-5.4	204.2	48	-262.7
6560	-6.4	206.8	46	-263.2
6570	-4.5	209.4	43	-264.0
6580	-2.6	212.1	40	-264.0
6590	-2.6	214.7	38	-263.8
6600	-2.3	217.3	35	-263.0
6610	-2.2	220.0	32	-262.4
6620	1.2	222.6	30	-261.6
6630	8.4	225.2	27	-259.0
6640	12.2	227.7	25	-255.0
6650	10.4	230.3	22	-250.2
6660	5.4	232.7	20	-246.5
6670	2.3	235.2	17	-243.8
6680	3.1	237.6	15	-241.9
6690	6.4	240.0	12	-239.3
6700	10.6	242.4	10	-235.8
6710	13.4	244.7	8	-231.3
6720	13.4	247.0	5	-226.0
6730	11.4	249.2	3	-221.2
6740	9.6	251.4	1	-217.2
6750	10.4	253.5	-1	-213.2
6760	12.6	255.6	-3	-208.7
6770	14.9	257.7	-5	-203.6
6780	15.5	259.7	-7	-198.0
6790	13.7	261.6	-9	-209.5
6800	1.1	263.2	-11	-162.6
6810	-3.5	264.7	-12	-151.7
6820	-16.1	265.9	-13	-117.4
6830	-30.6	266.9	-14	-100.3
6840	-27.1	267.8	-15	-92.6
6850	-13.2	268.5	-16	-70.0
6860	1.6	269.2	-17	-63.0
6870	0.8	269.6	-17	-48.1
6880	12.1	270.1	-18	-43.3
6890	25.4	270.4	-18	-30.8
6900	27.8	270.6	-18	-25.0
6910	22.9	270.8	-18	-15.4
6920	18.2	270.9	-18	-9.8
6930	17.4	271.0	-19	-4.5
6940	19.4	271.0	-19	0.2
6950	24.8	271.0	-19	1.8
6960	27.8	270.9	-18	10.3

6970	26.0	270.8	-18	17.8
6980	22.0	270.5	-18	25.5
6990	19.3	270.3	-18	29.2
7000	20.2	269.9	-17	30.8
7010	24.5	269.6	-17	36.4
7020	29.7	269.1	-17	46.8
7030	32.5	268.5	-16	60.6
7040	31.9	268.0	-16	63.6
7050	27.7	267.3	-15	64.6
7060	22.5	266.4	-14	87.5
7070	20.3	265.6	-13	85.4
7080	21.4	264.8	-12	81.4
7090	24.3	263.8	-11	96.3
7100	26.6	262.7	-10	113.1
7110	26.4	261.7	-9	119.0
7120	23.7	260.5	-8	128.3
7130	20.5	259.3	-7	122.7
7140	18.0	258.0	-6	128.3
7150	17.8	256.7	-4	133.1
7160	19.1	255.3	-3	138.1
7170	20.6	253.9	-1	142.9
7180	20.7	252.5	0	148.5
7190	19.3	250.9	2	153.8
7200	17.5	249.4	3	158.6
7210	15.2	247.7	5	163.1
7220	14.0	246.1	6	166.6
7230	14.4	244.4	8	170.3
7240	15.7	242.6	10	174.1
7250	17.0	240.9	12	178.1
7260	16.5	239.1	13	182.0
7270	14.9	237.2	15	186.0
7280	12.6	235.3	17	189.5
7290	10.7	233.4	19	192.4
7300	10.6	231.5	21	194.8
7310	11.4	229.5	23	197.0
7320	12.3	227.5	25	199.4
7330	13.3	225.5	27	202.3
7340	12.9	223.5	29	204.9
7350	11.1	221.4	31	207.9
7360	9.2	219.3	33	210.0
7370	7.7	217.2	35	211.6
7380	7.7	215.0	37	212.7
7390	9.2	212.9	40	214.3
7400	9.9	210.8	42	216.1
7410	9.5	208.6	44	217.7
7420	8.5	206.4	46	219.3
7430	7.7	204.2	48	220.6
7440	7.3	202.0	50	222.0
7450	6.9	199.7	53	223.0
7460	5.8	197.5	55	224.1
7470	5.4	195.3	57	224.6
7480	5.2	193.0	59	224.9
7490	5.2	190.8	62	225.7
7500	5.0	188.5	64	226.0

7510	5.3	186.2	66	226.2
7520	5.4	184.0	68	226.8
7530	4.7	181.7	71	227.6
7540	3.4	179.4	73	227.8
7550	3.5	177.1	75	227.6
7560	4.1	174.9	78	227.6
7570	4.5	172.6	80	227.8
7580	3.9	170.3	82	228.1
7590	3.5	168.0	84	227.8
7600	3.5	165.7	87	227.8
7610	3.0	163.5	89	227.8
7620	2.7	161.2	91	227.6
7630	2.8	158.9	94	227.6
7640	2.6	156.6	96	227.0
7650	2.6	154.4	98	227.0
7660	2.4	152.1	100	226.5
7670	2.3	149.8	103	226.2
7680	2.2	147.6	105	226.0
7690	2.2	145.3	107	225.4
7700	2.2	143.1	109	224.9
7710	1.8	140.8	112	224.4
7720	0.4	138.6	114	223.8
7730	-3.5	136.4	116	222.5
7740	-4.5	134.1	118	220.4
7750	-1.8	132.0	120	218.0
7760	0.8	129.8	123	216.7
7770	1.6	127.6	125	216.1
7780	0.9	125.5	127	215.6
7790	-0.7	123.3	129	214.5
7800	-3.0	121.2	131	213.2
7810	-3.5	119.1	133	211.1
7820	-1.8	117.0	135	209.2
7830	-0.4	114.9	138	208.4
7840	-1.1	112.8	140	207.1
7850	-3.8	110.8	142	205.2
7860	-5.8	108.7	144	202.8
7870	-5.4	106.7	146	200.4
7880	-4.3	104.7	148	198.0
7890	-3.9	102.8	150	196.2
7900	-4.2	100.8	152	193.5
7910	-4.5	98.9	154	191.6
7920	-4.9	97.0	155	189.5
7930	-6.1	95.1	157	187.1
7940	-7.5	93.3	159	184.2
7950	-7.9	91.4	161	181.2
7960	-7.2	89.7	163	178.1
7970	-6.1	87.9	165	175.1
7980	-5.8	86.2	166	172.5
7990	-6.2	84.5	168	169.0
8000	0.1	83.0	169	149.8
8010	3.0	81.7	171	116.3
8020	13.7	80.5	172	112.6
8030	26.7	79.4	173	107.2
8040	25.9	78.6	174	84.6

8050	14.9	77.8	175	72.4
8060	3.0	77.2	175	61.2
8070	-0.3	76.7	176	52.1
8080	-0.3	76.2	176	40.1
8090	-9.1	75.8	177	38.0
8100	-16.4	75.5	177	31.4
8110	-19.1	75.2	177	23.1
8120	-20.2	75.0	177	20.2
8130	-19.7	74.8	178	13.0
8140	-18.6	74.7	178	10.1
8150	-19.4	74.7	178	3.9
8160	-23.2	74.7	178	-1.3
8170	-29.6	74.7	178	-5.8
8180	-36.6	74.8	178	-13.0
8190	-40.8	75.0	177	-23.1
8200	-40.1	75.3	177	-34.3
8210	-36.9	75.7	177	-40.7
8220	-33.1	76.3	176	-55.1
8230	-31.7	76.9	176	-71.0
8240	-33.0	77.6	175	-73.2
8250	-34.6	78.4	174	-73.7
8260	-34.7	79.3	173	-82.5
8270	-32.5	80.3	172	-90.5
8280	-28.9	81.3	171	-98.2
8290	-26.7	82.5	170	-105.4
8300	-27.3	83.7	169	-111.2
8310	-29.8	85.0	167	-117.9
8320	-31.7	86.4	166	-139.2
8330	-30.6	87.9	165	-148.0
8340	-27.1	89.4	163	-156.0
8350	-22.1	91.0	161	-163.1
8360	-19.5	92.7	160	-168.7
8370	-19.1	94.4	158	-173.5
8380	-20.9	96.2	156	-178.6
8390	-22.0	98.0	154	-183.6
8400	-20.3	99.9	153	-189.2
8410	-16.8	101.9	151	-194.3
8420	-13.0	103.8	149	-198.3
8430	-11.8	105.8	147	-200.9
8440	-13.2	107.9	145	-203.9
8450	-13.6	109.9	143	-206.8
8460	-12.7	112.0	140	-209.7
8470	-11.8	114.1	138	-212.7
8480	-11.1	116.3	136	-215.1
8490	-10.2	118.4	134	-217.5
8500	-9.8	120.6	132	-219.6
8510	-10.0	122.8	130	-221.2
8520	-11.1	125.1	127	-222.8
8530	-11.7	127.3	125	-225.2
8540	-10.4	129.6	123	-227.3
8550	-9.5	131.9	121	-229.2
8560	-9.9	134.2	118	-231.0
8570	-9.9	136.5	116	-232.9
8580	-9.8	138.8	114	-234.5

8590	-10.2	141.2	111	-235.8
8600	-11.8	143.6	109	-238.0
8610	-12.2	146.0	106	-240.3
8620	-10.8	148.4	104	-242.5
8630	-9.4	150.8	102	-244.3
8640	-8.9	153.3	99	-246.2
8650	-7.9	155.8	97	-247.3
8660	-7.1	158.3	94	-248.6
8670	-7.9	160.7	92	-249.7
8680	-9.6	163.3	89	-251.0
8690	-10.6	165.8	87	-252.6
8700	-11.0	168.3	84	-254.5
8710	-10.4	170.9	82	-256.6
8720	-9.1	173.5	79	-258.5
8730	-7.7	176.1	76	-260.0
8740	-6.9	178.7	74	-261.1
8750	-6.9	181.3	71	-261.9
8760	-7.1	183.9	69	-262.7
8770	-6.9	186.5	66	-263.5
8780	-5.8	189.2	63	-264.6
8790	-3.4	191.8	61	-264.8
8800	-2.7	194.5	58	-264.8
8810	-3.0	197.1	55	-264.3
8820	-3.3	199.8	53	-264.0
8830	-4.1	202.4	50	-263.8
8840	-6.1	205.0	47	-263.5
8850	-6.6	207.7	45	-264.3
8860	-3.8	210.3	42	-264.6
8870	-2.4	213.0	39	-264.6
8880	-2.4	215.6	37	-263.8
8890	-2.3	218.3	34	-263.8
8900	-1.9	220.9	32	-263.0
8910	2.6	223.5	29	-261.6
8920	7.7	226.1	26	-259.0
8930	8.0	228.7	24	-255.5
8940	4.6	231.2	21	-252.1
8950	0.5	233.7	19	-249.4
8960	-0.4	236.2	16	-248.6
8970	2.3	238.7	14	-247.0
8980	7.1	241.1	11	-244.9
8990	11.8	243.6	9	-241.1
9000	13.7	245.9	7	-236.1
9010	13.2	248.2	4	-230.8
9020	11.4	250.5	2	-226.2
9030	11.7	252.8	0	-221.7
9040	14.4	254.9	-2	-216.4
9050	16.8	257.1	-5	-211.3
9060	18.6	259.1	-7	-204.7
9070	19.1	261.0	-9	-178.6
9080	10.6	262.8	-10	-154.6
9090	-3.0	264.4	-12	-146.6
9100	-5.0	265.6	-13	-110.7
9110	-18.7	266.7	-14	-104.3
9120	-22.9	267.7	-15	-88.1

9130	-13.4	268.5	-16	-80.6
9140	1.1	269.1	-17	-60.6
9150	0.9	269.6	-17	-55.1
9160	13.0	270.0	-18	-41.5
9170	31.5	270.4	-18	-34.3
9180	35.7	270.6	-18	-21.5
9190	30.0	270.8	-18	-13.0
9200	22.9	270.8	-18	-4.5
9210	17.9	270.8	-18	1.0
9220	20.1	270.8	-18	2.6
9230	25.4	270.7	-18	9.5
9240	30.1	270.6	-18	15.9
9250	30.2	270.4	-18	25.5
9260	25.5	270.1	-18	30.8
9270	19.9	269.7	-17	34.0
9280	18.0	269.3	-17	47.6
9290	21.0	268.8	-16	52.9
9300	25.6	268.3	-16	53.7
9310	29.3	267.7	-15	54.5
9320	29.4	267.0	-15	75.6
9330	26.0	266.3	-14	76.6
9340	21.7	265.5	-13	75.0
9350	19.1	264.6	-12	97.7
9360	19.3	263.7	-11	93.7
9370	21.0	262.7	-10	88.9
9380	22.9	261.7	-9	93.9
9390	23.1	260.6	-8	99.5
9400	21.3	259.4	-7	116.3
9410	18.4	258.2	-6	122.1
9420	16.0	256.9	-4	126.9
9430	15.5	255.6	-3	131.2
9440	16.1	254.3	-2	135.2
9450	18.4	252.9	0	139.5
9460	19.4	251.5	1	144.2
9470	19.3	250.0	2	149.6
9480	16.8	248.5	4	154.4
9490	13.7	246.9	6	158.4
9500	12.1	245.3	7	161.8
9510	12.2	243.6	9	164.5
9520	13.8	242.0	10	167.4
9530	15.1	240.3	12	170.6
9540	14.6	238.5	14	174.3
9550	12.7	236.8	16	177.8
9560	10.6	235.0	17	180.4
9570	9.1	233.2	19	182.6
9580	9.8	231.3	21	184.4
9590	11.1	229.5	23	186.3
9600	12.1	227.6	25	188.7
9610	12.2	225.7	27	191.4
9620	10.8	223.7	29	193.8
9630	8.7	221.8	31	196.2
9640	7.1	219.8	33	197.8
9650	6.8	217.8	35	198.8
9660	7.3	215.8	37	199.9

9670	8.8	213.8	39	201.2
9680	8.8	211.8	41	203.1
9690	7.6	209.7	43	204.4
9700	6.4	207.7	45	205.7
9710	6.0	205.6	47	206.5
9720	6.5	203.5	49	207.6
9730	7.1	201.5	51	208.9
9740	6.6	199.4	53	209.7
9750	5.4	197.3	55	210.5
9760	5.2	195.1	57	211.3
9770	4.9	193.0	59	211.9
9780	5.3	190.9	62	212.4
9790	5.7	188.8	64	213.2
9800	6.6	186.6	66	213.7
9810	7.1	184.5	68	214.5
9820	7.1	182.3	70	215.6
9830	5.4	180.2	72	216.7
9840	4.5	178.0	74	217.2
9850	3.9	175.8	77	217.5
9860	2.8	173.7	79	217.7
9870	2.6	171.5	81	217.2
9880	3.0	169.3	83	217.2
9890	5.2	167.1	85	217.2
9900	8.3	165.0	87	217.2
9910	8.3	162.8	90	218.8
9920	5.7	160.6	92	220.1
9930	2.7	158.4	94	220.6
9940	2.3	156.2	96	220.6
9950	2.7	154.0	98	220.1
9960	3.8	151.8	101	219.9
9970	6.5	149.6	103	220.1
9980	8.8	147.4	105	221.2
9990	8.0	145.1	107	222.8
10000	5.8	142.9	110	223.8
10010	4.5	140.7	112	224.4
10020	4.5	138.4	114	224.6
10030	5.8	136.2	116	224.9
10040	7.7	133.9	119	226.0
10050	8.7	131.6	121	227.0
10060	7.9	129.4	123	228.4
10070	5.6	127.1	125	230.0
10080	3.5	124.8	128	230.2
10090	3.3	122.5	130	230.0
10100	3.5	120.2	132	230.0
10110	4.1	117.9	135	230.0
10120	3.7	115.5	137	230.5
10130	2.6	113.2	139	230.2
10140	2.2	110.9	142	229.7
10150	2.0	108.7	144	229.4
10160	1.8	106.4	146	228.9
10170	-0.1	104.1	148	228.1
10180	-6.9	101.8	151	226.2
10190	-9.8	99.6	153	222.5
10200	-7.2	97.4	155	218.8

10210	-3.8	95.2	157	215.9
10220	-3.9	93.1	159	213.5
10230	-6.6	90.9	162	211.1
10240	-9.5	88.9	164	207.9
10250	-11.0	86.8	166	203.6
10260	-10.7	84.8	168	199.6
10270	-2.6	83.0	169	179.4
10280	4.5	81.4	171	165.8
10290	20.9	80.1	172	128.5
10300	35.9	79.0	173	108.6
10310	29.3	78.0	174	99.8
10320	11.4	77.2	175	74.2
10330	-1.6	76.6	176	61.2
10340	-3.9	76.1	176	50.8
10350	-15.3	75.6	177	41.5
10360	-19.4	75.3	177	36.2
10370	-18.2	75.0	177	27.4
10380	-15.7	74.7	178	24.4
10390	-11.7	74.6	178	18.6
10400	-10.8	74.4	178	13.5
10410	-13.6	74.3	178	12.7
10420	-16.7	74.2	178	7.1
10430	-18.8	74.2	178	1.5
10440	-22.0	74.2	178	-0.7
10450	-25.0	74.2	178	-6.1
10460	-28.1	74.3	178	-11.7
10470	-32.3	74.5	178	-18.9
10480	-35.4	74.8	178	-26.8
10490	-36.7	75.2	177	-43.1
10500	-36.3	75.6	177	-48.9
10510	-34.8	76.2	176	-52.9
10520	-32.7	76.8	176	-62.0
10530	-29.3	77.6	175	-85.4
10540	-27.1	78.5	174	-93.7
10550	-26.2	79.3	173	-92.1
10560	-26.3	80.3	172	-89.4
10570	-27.0	81.4	171	-96.9
10580	-27.8	82.5	170	-102.2
10590	-28.6	83.7	169	-120.8
10600	-28.7	85.0	167	-140.8
10610	-27.8	86.3	166	-135.7
10620	-25.8	87.7	165	-143.4
10630	-23.2	89.2	163	-150.1
10640	-20.7	90.8	162	-156.5
10650	-19.4	92.4	160	-161.3
10660	-19.0	94.0	158	-166.6
10670	-19.9	95.7	157	-171.4
10680	-21.3	97.5	155	-176.5
10690	-21.0	99.3	153	-182.0
10700	-19.4	101.1	151	-187.1
10710	-17.4	103.0	149	-191.6
10720	-15.5	105.0	147	-196.2
10730	-15.1	107.0	145	-199.6
10740	-14.6	109.0	143	-202.5

10750	-13.6	111.1	141	-206.0
10760	-12.9	113.1	139	-208.9
10770	-13.0	115.3	137	-211.3
10780	-13.6	117.4	135	-214.3
10790	-13.6	119.6	133	-217.2
10800	-12.7	121.7	131	-219.9
10810	-12.3	124.0	128	-222.8
10820	-12.3	126.2	126	-225.7
10830	-11.7	128.5	124	-228.1
10840	-10.2	130.8	122	-230.0
10850	-9.8	133.1	119	-232.1
10860	-10.2	135.4	117	-233.7
10870	-10.0	137.8	115	-235.6
10880	-9.6	140.2	112	-237.7
10890	-9.9	142.6	110	-239.6
10900	-11.1	145.0	107	-241.4
10910	-10.4	147.4	105	-243.5
10920	-9.8	149.8	103	-245.4
10930	-9.8	152.3	100	-247.5
10940	-9.5	154.8	98	-249.1
10950	-7.6	157.3	95	-250.5
10960	-7.2	159.8	93	-251.5
10970	-9.1	162.3	90	-252.6
10980	-10.7	164.9	88	-254.2
10990	-10.3	167.4	85	-255.8
11000	-9.5	170.0	82	-257.7
11010	-8.9	172.6	80	-259.0
11020	-7.7	175.2	77	-260.3
11030	-7.2	177.8	75	-261.4
11040	-7.5	180.4	72	-262.4
11050	-7.9	183.1	69	-263.2
11060	-7.5	185.7	67	-264.3
11070	-6.4	188.3	64	-264.8
11080	-3.5	191.0	61	-265.4
11090	-2.6	193.6	59	-264.8
11100	-2.7	196.3	56	-264.3
11110	-2.7	198.9	54	-264.3
11120	-2.7	201.6	51	-263.5
11130	-2.7	204.2	48	-263.5
11140	-2.6	206.8	46	-262.7
11150	-2.6	209.5	43	-261.9
11160	-2.3	212.1	40	-261.6
11170	-1.9	214.7	38	-261.1
11180	3.5	217.3	35	-259.5
11190	8.8	219.9	33	-257.1
11200	9.4	222.4	30	-252.9
11210	5.6	224.9	28	-249.1
11220	2.7	227.4	25	-246.7
11230	2.4	229.8	23	-244.9
11240	4.6	232.3	20	-242.7
11250	7.5	234.7	18	-240.1
11260	9.8	237.1	15	-236.4
11270	9.8	239.4	13	-232.4
11280	8.5	241.7	11	-228.1

11290	7.9	243.9	9	-224.6
11300	8.1	246.2	6	-221.4
11310	9.6	248.4	4	-217.7
11320	11.3	250.5	2	-213.7
11330	13.4	252.6	0	-208.9
11340	15.7	254.6	-2	-203.3
11350	16.7	256.6	-4	-198.0
11360	16.8	258.6	-6	-191.9
11370	16.0	260.5	-8	-185.8
11380	11.5	262.1	-10	-171.1
11390	-3.0	263.7	-11	-144.8
11400	-2.4	264.9	-12	-125.1
11410	-10.4	266.1	-14	-106.4
11420	-20.2	267.0	-15	-91.5
11430	-16.4	267.8	-15	-69.7
11440	-2.7	268.5	-16	-65.2
11450	0.5	269.1	-17	-48.9
11460	12.9	269.6	-17	-45.7
11470	34.6	269.9	-17	-31.4
11480	41.0	270.2	-18	-26.3
11490	35.5	270.4	-18	-13.3
11500	25.0	270.4	-18	-4.5
11510	17.9	270.4	-18	1.0
11520	18.2	270.4	-18	1.8
11530	22.8	270.4	-18	6.6
11540	29.0	270.2	-18	11.9
11550	31.9	270.1	-18	19.1
11560	28.9	269.8	-17	32.7
11570	23.9	269.4	-17	37.5
11580	20.7	269.0	-17	39.4
11590	22.0	268.5	-16	54.5
11600	26.0	268.0	-16	55.3
11610	30.4	267.4	-15	62.5
11620	32.0	266.7	-14	64.1
11630	29.6	265.9	-13	87.5
11640	25.6	265.1	-13	87.0
11650	21.7	264.1	-12	84.3
11660	20.6	263.1	-11	109.4
11670	22.2	262.1	-10	115.2
11680	24.7	261.0	-9	121.6
11690	26.2	259.8	-7	117.9
11700	25.1	258.6	-6	124.5
11710	21.7	257.3	-5	131.5
11720	18.4	255.9	-3	137.3
11730	17.5	254.5	-2	142.1
11740	18.2	253.1	-1	146.6
11750	20.2	251.6	1	151.4
11760	22.0	250.0	2	156.8
11770	21.3	248.4	4	162.3
11780	17.9	246.7	6	167.9
11790	14.8	245.0	7	172.2
11800	13.3	243.3	9	175.7
11810	14.8	241.5	11	178.9
11820	17.8	239.7	13	182.6

11830	18.8	237.8	15	186.6
11840	17.2	235.9	17	191.1
11850	13.7	234.0	18	195.1
11860	11.4	232.0	20	198.3
11870	11.0	230.0	22	200.9
11880	12.1	228.0	24	203.1
11890	14.1	225.9	27	205.7
11900	15.2	223.8	29	209.2
11910	13.6	221.7	31	212.7
11920	10.2	219.6	33	215.6
11930	7.6	217.4	35	217.5
11940	6.5	215.2	37	218.5
11950	8.4	213.0	39	219.6
11960	9.8	210.8	42	221.2
11970	10.2	208.6	44	223.0
11980	9.2	206.3	46	224.9
11990	7.7	204.1	48	226.5
12000	6.2	201.8	51	227.6
12010	4.9	199.5	53	228.4
12020	4.6	197.2	55	228.6
12030	6.2	194.9	58	228.9
12040	8.1	192.7	60	229.7
12050	8.5	190.3	62	231.3
12060	7.6	188.0	64	232.6
12070	6.2	185.7	67	233.7
12080	4.7	183.3	69	234.5
12090	3.7	181.0	71	234.8
12100	2.8	178.6	74	234.8
12110	2.7	176.3	76	234.5
12120	2.7	174.0	78	234.0
12130	2.7	171.6	81	233.7
12140	3.0	169.3	83	233.4
12150	3.5	166.9	86	233.7
12160	4.5	164.6	88	233.4
12170	4.2	162.3	90	233.4
12180	3.7	159.9	93	233.7
12190	2.7	157.6	95	233.7
12200	2.4	155.3	97	233.2
12210	2.4	152.9	100	232.9
12220	2.6	150.6	102	232.4
12230	2.6	148.3	104	232.1
12240	2.7	146.0	106	231.6
12250	2.7	143.7	109	231.3
12260	3.0	141.3	111	231.0
12270	3.3	139.0	113	231.0
12280	3.4	136.7	116	231.0
12290	3.4	134.4	118	231.0
12300	3.0	132.1	120	230.5
12310	2.6	129.8	123	230.2
12320	2.2	127.5	125	230.2
12330	2.2	125.2	127	229.7
12340	2.0	122.9	130	228.9
12350	1.9	120.6	132	228.6
12360	1.4	118.3	134	228.1

12370	-2.4	116.1	136	227.0
12380	-6.0	113.8	139	224.9
12390	-5.6	111.6	141	222.2
12400	-2.6	109.4	143	219.3
12410	0.3	107.2	145	218.3
12420	0.0	105.0	147	217.2
12430	-3.1	102.9	150	215.9
12440	-6.1	100.7	152	213.7
12450	-6.6	98.6	154	211.1
12460	-5.3	96.5	156	208.1
12470	-5.2	94.4	158	205.7
12480	-7.2	92.4	160	202.8
12490	-9.8	90.4	162	199.4
12500	-11.5	88.4	164	195.4
12510	-12.7	86.5	166	190.8
12520	-14.1	84.7	168	167.4
12530	-8.0	82.9	170	181.2
12540	3.0	81.5	171	141.3
12550	5.6	80.2	172	119.5
12560	14.9	79.2	173	102.4
12570	18.4	78.3	174	87.5
12580	12.6	77.5	175	74.2
12590	1.6	76.9	176	61.7
12600	-0.8	76.3	176	56.9
12610	-8.3	75.9	177	43.6
12620	-19.0	75.5	177	35.1
12630	-23.2	75.2	177	28.4
12640	-24.1	75.0	177	19.4
12650	-20.3	74.8	178	16.5
12660	-14.8	74.7	178	10.1
12670	-12.5	74.6	178	5.8
12680	-14.5	74.6	178	2.3
12690	-19.5	74.6	178	-0.5
12700	-24.8	74.6	178	-4.5
12710	-27.1	74.7	178	-10.1
12720	-27.7	74.9	178	-17.0
12730	-27.1	75.1	177	-23.4
12740	-27.5	75.4	177	-30.3
12750	-28.9	75.9	177	-45.2
12760	-30.1	76.3	176	-48.9
12770	-30.4	76.8	176	-51.6
12780	-28.5	77.5	175	-72.4
12790	-26.3	78.2	174	-79.8
12800	-24.0	79.0	173	-86.7
12810	-22.5	79.9	173	-95.3
12820	-22.9	80.7	172	-92.1
12830	-24.7	81.7	171	-88.6
12840	-26.7	82.8	170	-115.8
12850	-26.8	83.9	169	-122.9
12860	-25.6	85.1	167	-130.7
12870	-23.2	86.3	166	-125.6
12880	-21.2	87.6	165	-132.0
12890	-19.9	89.0	163	-137.6
12900	-20.1	90.4	162	-142.9

12910	-20.3	91.9	161	-148.0
12920	-19.9	93.4	159	-153.6
12930	-19.5	94.9	158	-158.4
12940	-19.7	96.6	156	-163.7
12950	-19.4	98.2	154	-168.7
12960	-18.2	100.0	152	-173.5
12970	-16.1	101.7	151	-178.3
12980	-14.1	103.5	149	-182.0
12990	-13.0	105.4	147	-185.2
13000	-13.6	107.3	145	-188.4
13010	-14.1	109.2	143	-191.4
13020	-13.7	111.1	141	-194.6
13030	-13.6	113.1	139	-197.8
13040	-13.6	115.1	137	-200.9
13050	-13.4	117.1	135	-203.9
13060	-12.5	119.2	133	-206.8
13070	-10.7	121.3	131	-209.5
13080	-9.6	123.4	129	-211.6
13090	-9.9	125.5	127	-213.7
13100	-10.4	127.7	125	-215.1
13110	-10.2	129.8	123	-217.2
13120	-10.2	132.0	120	-219.1
13130	-11.0	134.2	118	-220.9
13140	-10.4	136.4	116	-223.3
13150	-9.1	138.7	114	-225.2
13160	-8.0	141.0	111	-226.2
13170	-8.4	143.2	109	-227.8
13180	-8.5	145.5	107	-228.9
13190	-7.5	147.8	105	-230.5
13200	-7.3	150.1	102	-231.6
13210	-7.7	152.5	100	-232.4
13220	-7.9	154.8	98	-233.7
13230	-6.8	157.1	95	-234.5
13240	-6.1	159.5	93	-235.6
13250	-7.2	161.8	91	-236.4
13260	-8.3	164.2	88	-237.2
13270	-8.4	166.6	86	-238.5
13280	-8.1	169.0	83	-239.8
13290	-7.7	171.4	81	-241.4
13300	-7.2	173.8	79	-242.2
13310	-6.8	176.3	76	-243.3
13320	-6.2	178.7	74	-244.1
13330	-5.6	181.1	71	-244.9
13340	-4.6	183.6	69	-244.9
13350	-4.2	186.0	66	-245.4
13360	-4.2	188.5	64	-245.7
13370	-3.5	191.0	61	-245.1
13380	-3.0	193.4	59	-245.4
13390	-3.0	195.9	57	-245.1
13400	-3.8	198.3	54	-244.9
13410	-4.1	200.8	52	-244.9
13420	-4.1	203.2	49	-244.9
13430	-3.5	205.7	47	-244.9
13440	-2.6	208.1	44	-244.6

13450	-2.3	210.6	42	-244.1
13460	-2.3	213.0	39	-243.5
13470	-2.2	215.4	37	-243.0
13480	-0.9	217.9	35	-242.7
13490	3.4	220.3	32	-241.1
13500	6.9	222.7	30	-238.2
13510	6.2	225.0	27	-235.3
13520	3.8	227.4	25	-232.6
13530	1.8	229.7	23	-230.2
13540	1.5	232.0	20	-228.9
13550	2.6	234.2	18	-227.3
13560	5.2	236.5	16	-224.6
13570	7.1	238.7	14	-222.0
13580	7.2	240.9	12	-218.8
13590	6.6	243.1	9	-215.6
13600	6.1	245.2	7	-212.7
13610	6.4	247.3	5	-210.0
13620	7.6	249.4	3	-206.8
13630	9.2	251.4	1	-203.6
13640	11.4	253.5	-1	-199.9
13650	12.7	255.4	-3	-195.1
13660	12.7	257.3	-5	-190.3
13670	12.2	259.2	-7	-185.8
13680	11.4	261.0	-9	-181.0
13690	3.5	262.6	-10	-160.0
13700	-2.7	264.1	-12	-150.6
13710	-7.7	265.2	-13	-117.4
13720	-22.8	266.3	-14	-101.1
13730	-25.5	267.2	-15	-87.0
13740	-17.0	268.0	-16	-66.0
13750	-3.5	268.6	-16	-61.7
13760	0.3	269.2	-17	-46.5
13770	0.5	269.6	-17	-44.1
13780	14.0	270.0	-18	-32.7
13790	25.9	270.3	-18	-31.1
13800	28.5	270.5	-18	-20.4
13810	24.7	270.7	-18	-14.3
13820	19.7	270.8	-18	-6.6
13830	15.5	270.8	-18	-1.8
13840	16.5	270.8	-18	0.2
13850	21.6	270.8	-18	4.2
13860	25.1	270.7	-18	10.3
13870	25.0	270.5	-18	17.5
13880	21.7	270.3	-18	22.8
13890	18.7	270.1	-18	25.8
13900	18.7	269.7	-17	37.2
13910	22.0	269.4	-17	42.8
13920	25.8	268.9	-16	49.7
13930	27.4	268.4	-16	51.9
13940	26.4	267.9	-15	53.2
13950	23.1	267.2	-15	72.9
13960	19.9	266.5	-14	72.6
13970	18.8	265.7	-13	70.0
13980	20.3	264.9	-12	91.0

13990	22.4	264.0	-12	96.6
14000	23.3	263.1	-11	103.2
14010	22.5	262.1	-10	109.9
14020	20.2	261.1	-9	95.0
14030	17.6	260.0	-8	111.0
14040	16.4	258.8	-6	115.5
14050	16.8	257.6	-5	120.0
14060	17.8	256.4	-4	124.3
14070	18.8	255.1	-3	129.3
14080	19.1	253.8	-1	134.1
14090	18.0	252.4	0	139.2
14100	15.5	251.0	1	143.7
14110	14.4	249.5	3	147.4
14120	13.0	248.0	4	151.2
14130	12.7	246.5	6	154.4
14140	13.3	244.9	8	157.3
14150	14.1	243.3	9	160.5
14160	14.1	241.7	11	163.7
14170	13.3	240.0	12	167.1
14180	11.8	238.3	14	170.1
14190	10.8	236.6	16	172.7
14200	10.6	234.9	18	175.1
14210	10.6	233.1	19	177.3
14220	10.4	231.3	21	179.7
14230	9.2	229.5	23	181.8
14240	7.6	227.7	25	183.4
14250	7.2	225.8	27	184.7
14260	7.6	224.0	28	186.3
14270	8.5	222.1	30	187.6
14280	8.1	220.2	32	189.0
14290	6.9	218.3	34	190.3
14300	5.0	216.4	36	191.6
14310	3.9	214.5	38	192.4
14320	3.9	212.5	40	192.4
14330	4.2	210.6	42	192.4
14340	4.5	208.7	44	193.0
14350	4.7	206.8	46	193.2
14360	5.0	204.8	48	193.8
14370	5.3	202.9	50	194.3
14380	4.7	200.9	52	195.1
14390	3.3	199.0	53	195.4
14400	2.3	197.0	55	195.1
14410	2.2	195.1	57	195.1
14420	2.6	193.1	59	194.8
14430	2.8	191.2	61	194.8
14440	3.3	189.2	63	194.6
14450	3.9	187.3	65	194.8
14460	4.3	185.3	67	194.8
14470	3.8	183.4	69	195.1
14480	3.0	181.4	71	195.4
14490	2.2	179.5	73	195.4
14500	2.3	177.5	75	195.1
14510	2.3	175.6	77	194.8
14520	2.3	173.6	79	194.6

14530	2.6	171.7	81	194.0
14540	2.7	169.7	83	194.0
14550	3.1	167.8	85	194.0
14560	3.9	165.9	87	194.3
14570	3.5	163.9	89	194.0
14580	3.0	162.0	90	194.6
14590	2.4	160.0	92	194.3
14600	2.3	158.1	94	194.3
14610	2.7	156.1	96	194.0
14620	3.7	154.2	98	194.0
14630	6.1	152.3	100	194.0
14640	8.0	150.3	102	195.1
14650	7.1	148.3	104	196.7
14660	4.2	146.4	106	197.5
14670	2.4	144.4	108	197.5
14680	2.3	142.4	110	197.5
14690	3.0	140.4	112	197.5
14700	4.2	138.5	114	197.5
14710	6.0	136.5	116	197.8
14720	6.2	134.5	118	198.6
14730	5.0	132.5	120	199.4
14740	3.1	130.5	122	199.6
14750	2.6	128.5	124	199.6
14760	2.4	126.5	126	199.6
14770	2.6	124.5	128	199.6
14780	2.6	122.5	130	199.1
14790	2.3	120.5	132	198.8
14800	2.2	118.6	134	198.3
14810	2.0	116.6	136	198.3
14820	1.9	114.6	138	198.0
14830	1.9	112.6	140	197.8
14840	1.8	110.6	142	197.2
14850	1.8	108.7	144	196.7
14860	0.0	106.7	146	196.4
14870	-4.7	104.7	148	194.8
14880	-7.3	102.8	150	192.4
14890	-5.6	100.9	152	189.2
14900	-1.4	99.0	153	187.4
14910	0.9	97.2	155	186.3
14920	0.0	95.3	157	185.5
14930	-3.3	93.5	159	184.4
14940	-6.0	91.6	161	182.3
14950	-5.8	89.8	163	179.9
14960	-4.5	88.1	164	177.3
14970	-4.2	86.3	166	175.1
14980	-6.5	84.7	168	155.2
14990	-3.3	83.1	169	137.3
15000	2.3	81.6	171	145.0
15010	4.9	80.5	172	113.9
15020	14.1	79.5	173	98.2
15030	15.9	78.6	174	76.1
15040	7.6	77.8	175	72.4
15050	-0.3	77.2	175	61.4
15060	-1.9	76.7	176	52.4

15070	-15.1	76.2	176	43.6
15080	-22.9	75.8	177	31.9
15090	-26.4	75.5	177	28.4
15100	-28.1	75.3	177	22.6
15110	-25.8	75.1	177	13.0
15120	-23.2	75.1	177	5.5
15130	-23.7	75.1	177	-0.5
15140	-27.3	75.1	177	-3.7
15150	-30.9	75.2	177	-12.5
15160	-33.2	75.4	177	-21.5
15170	-33.6	75.6	177	-31.4
15180	-33.5	76.0	176	-41.5
15190	-34.6	76.4	176	-47.1
15200	-36.3	76.9	176	-51.1
15210	-38.1	77.6	175	-73.4
15220	-38.2	78.4	174	-83.5
15230	-36.1	79.2	173	-96.1
15240	-32.1	80.2	172	-107.0
15250	-28.2	81.2	171	-105.4
15260	-26.4	82.3	170	-101.6
15270	-27.8	83.5	169	-131.7
15280	-30.9	84.8	168	-140.0
15290	-32.4	86.1	166	-148.8
15300	-32.1	87.5	165	-144.0
15310	-29.7	89.0	163	-152.8
15320	-26.0	90.6	162	-160.7
15330	-23.3	92.3	160	-167.4
15340	-21.2	94.0	158	-173.8
15350	-20.5	95.8	157	-178.9
15360	-20.5	97.6	155	-183.6
15370	-19.7	99.5	153	-189.2
15380	-17.9	101.4	151	-194.0
15390	-16.4	103.4	149	-198.0
15400	-16.7	105.4	147	-202.0
15410	-18.2	107.4	145	-206.0
15420	-18.0	109.5	143	-210.5
15430	-15.7	111.7	141	-214.5
15440	-13.2	113.8	139	-218.3
15450	-11.1	116.0	136	-220.9
15460	-10.2	118.3	134	-223.0
15470	-10.0	120.5	132	-225.2
15480	-11.3	122.8	130	-227.3
15490	-13.2	125.1	127	-229.2
15500	-13.8	127.4	125	-231.8
15510	-12.5	129.7	123	-234.8
15520	-10.7	132.1	120	-236.9
15530	-9.9	134.5	118	-239.0
15540	-8.9	136.9	116	-240.9
15550	-7.9	139.3	113	-242.5
15560	-7.3	141.7	111	-243.3
15570	-8.7	144.2	108	-244.9
15580	-9.6	146.6	106	-246.2
15590	-9.2	149.1	103	-247.5
15600	-9.8	151.6	101	-248.6

15610	-9.9	154.1	98	-250.7
15620	-8.5	156.6	96	-252.1
15630	-6.6	159.1	93	-253.1
15640	-7.5	161.7	91	-253.9
15650	-8.8	164.2	88	-254.7
15660	-9.5	166.8	86	-255.8
15670	-9.4	169.4	83	-257.4
15680	-8.9	171.9	81	-259.3
15690	-8.4	174.5	78	-260.0
15700	-8.1	177.2	75	-261.6
15710	-8.1	179.8	73	-262.7
15720	-8.1	182.4	70	-263.8
15730	-7.5	185.1	67	-264.8
15740	-6.4	187.7	65	-265.4
15750	-4.1	190.4	62	-266.2
15760	-2.7	193.0	59	-265.9
15770	-2.6	195.7	57	-265.4
15780	-2.8	198.3	54	-264.8
15790	-2.7	201.0	51	-264.3
15800	-3.0	203.6	49	-264.0
15810	-2.8	206.3	46	-263.5
15820	-2.7	208.9	44	-263.0
15830	-2.4	211.5	41	-262.7
15840	-2.4	214.1	38	-262.2
15850	-2.3	216.8	36	-261.6
15860	-2.0	219.4	33	-261.1
15870	2.0	222.0	30	-260.0
15880	7.2	224.6	28	-257.9
15890	7.9	227.1	25	-254.2
15900	5.0	229.6	23	-250.7
15910	1.6	232.1	20	-248.6
15920	0.9	234.6	18	-247.3
15930	3.3	237.1	15	-245.4
15940	6.5	239.5	13	-243.0
15950	8.8	241.9	11	-239.6
15960	9.4	244.3	8	-235.8
15970	8.3	246.6	6	-231.8
15980	7.6	248.9	4	-228.4
15990	7.3	251.1	1	-225.2
16000	9.6	253.4	-1	-221.2
16010	12.9	255.5	-3	-217.2
16020	15.7	257.7	-5	-211.9
16030	16.3	259.8	-7	-206.0
16040	14.4	261.8	-9	-216.7
16050	0.1	263.4	-11	-166.9
16060	-3.9	264.9	-12	-153.8
16070	-18.6	266.1	-14	-106.2
16080	-31.3	267.2	-15	-100.3
16090	-26.8	268.0	-16	-83.8
16100	-10.2	268.8	-16	-61.4
16110	1.5	269.4	-17	-55.6
16120	0.8	269.8	-17	-41.5
16130	13.2	270.2	-18	-37.8
16140	25.8	270.5	-18	-25.8

16150	27.4	270.8	-18	-20.4
16160	22.8	270.9	-18	-12.2
16170	18.6	271.0	-19	-7.9
16180	17.5	271.1	-19	-2.9
16190	20.2	271.1	-19	0.7
16200	25.4	271.0	-19	5.0
16210	27.3	270.9	-18	12.2
16220	25.0	270.8	-18	20.4
16230	19.9	270.5	-18	27.9
16240	17.0	270.2	-18	30.8
16250	17.6	269.9	-17	31.9
16260	22.1	269.5	-17	36.7
16270	27.5	269.0	-17	42.3
16280	30.4	268.5	-16	49.2
16290	29.6	267.9	-15	56.4
16300	25.6	267.2	-15	70.2
16310	21.2	266.5	-14	69.2
16320	19.4	265.6	-13	91.0
16330	20.9	264.8	-12	96.3
16340	23.1	263.8	-11	102.2
16350	24.5	262.9	-10	109.4
16360	23.7	261.8	-9	116.3
16370	21.6	260.7	-8	123.2
16380	19.3	259.5	-7	117.6
16390	18.4	258.3	-6	122.9
16400	19.3	257.1	-5	127.5
16410	20.7	255.8	-3	133.1
16420	21.8	254.4	-2	138.7
16430	21.3	252.9	0	144.5
16440	19.8	251.5	1	150.1
16450	17.9	249.9	3	155.2
16460	16.3	248.3	4	159.7
16470	15.6	246.7	6	163.7
16480	16.1	245.0	7	167.7
16490	17.0	243.3	9	171.4
16500	17.5	241.6	11	175.9
16510	17.0	239.8	13	179.9
16520	15.9	238.0	14	184.2
16530	14.9	236.1	16	187.6
16540	13.7	234.2	18	191.4
16550	13.6	232.3	20	194.3
16560	13.4	230.3	22	197.8
16570	12.6	228.3	24	200.4
16580	12.1	226.3	26	203.3
16590	12.5	224.2	28	206.3
16600	12.3	222.1	30	208.9
16610	11.7	220.0	32	211.6
16620	10.7	217.9	35	214.3
16630	9.9	215.7	37	215.9
16640	10.4	213.5	39	218.0
16650	10.4	211.3	41	220.4
16660	10.0	209.1	43	222.5
16670	9.8	206.9	46	224.1
16680	9.8	204.6	48	225.7

16690	10.2	202.4	50	227.6
16700	9.8	200.1	52	229.4
16710	8.4	197.8	55	231.3
16720	7.3	195.4	57	232.9
16730	6.6	193.1	59	233.7
16740	5.8	190.8	62	234.5
16750	4.5	188.4	64	235.0
16760	4.3	186.1	66	235.3
16770	5.8	183.7	69	235.3
16780	7.9	181.3	71	236.1
16790	8.1	179.0	73	237.2
16800	7.2	176.6	76	238.5
16810	4.7	174.2	78	239.6
16820	3.0	171.8	81	239.6
16830	2.7	169.4	83	239.6
16840	3.5	167.0	85	239.3
16850	4.6	164.6	88	239.0
16860	5.6	162.2	90	239.3
16870	6.1	159.8	93	239.6
16880	5.3	157.4	95	240.3
16890	3.7	155.0	97	240.6
16900	2.8	152.6	100	240.6
16910	3.0	150.2	102	240.3
16920	3.5	147.8	105	240.3
16930	3.7	145.4	107	239.8
16940	3.4	143.0	109	239.8
16950	2.7	140.6	112	239.8
16960	2.3	138.2	114	239.6
16970	2.2	135.8	117	239.0
16980	2.3	133.4	119	238.5
16990	2.2	131.1	121	238.2
17000	2.0	128.7	124	237.4
17010	0.7	126.3	126	237.2
17020	-4.1	123.9	129	235.6
17030	-6.6	121.6	131	232.6
17040	-4.9	119.3	133	229.7
17050	-0.1	117.0	135	227.6
17060	2.0	114.8	138	226.5
17070	1.8	112.5	140	226.2
17080	-1.6	110.2	142	225.4
17090	-5.3	108.0	144	223.6
17100	-6.0	105.8	147	220.6
17110	-5.0	103.6	149	217.7
17120	-3.1	101.4	151	215.6
17130	-1.8	99.3	153	213.5
17140	-1.5	97.2	155	212.1
17150	-3.3	95.1	157	210.3
17160	-5.8	93.0	159	208.1
17170	-6.9	90.9	162	205.5
17180	-5.7	88.9	164	202.0
17190	-4.1	86.9	166	199.6
17200	-4.6	84.9	168	197.5
17210	0.3	83.1	169	179.9
17220	3.7	81.5	171	135.5

17230	19.9	80.2	172	128.3
17240	35.3	79.1	173	108.6
17250	30.2	78.1	174	90.7
17260	15.2	77.3	175	75.0
17270	0.8	76.7	176	62.0
17280	-0.4	76.1	176	51.3
17290	-6.4	75.7	177	42.8
17300	-17.4	75.3	177	34.3
17310	-21.2	75.0	177	24.7
17320	-22.1	74.8	178	21.2
17330	-21.2	74.6	178	13.8
17340	-19.1	74.5	178	10.1
17350	-18.6	74.5	178	3.9
17360	-20.1	74.5	178	-1.3
17370	-22.2	74.5	178	-3.9
17380	-24.4	74.6	178	-10.1
17390	-26.0	74.7	178	-14.6
17400	-26.8	74.9	178	-21.2
17410	-27.8	75.2	177	-27.6
17420	-29.7	75.6	177	-41.5
17430	-31.5	76.0	176	-46.3
17440	-32.4	76.6	176	-49.7
17450	-31.7	77.2	175	-70.5
17460	-29.3	77.9	175	-79.8
17470	-26.2	78.7	174	-80.1
17480	-24.3	79.5	173	-78.5
17490	-23.7	80.4	172	-84.3
17500	-25.2	81.5	171	-109.6
17510	-26.7	82.5	170	-106.4
17520	-28.1	83.6	169	-101.9
17530	-28.5	84.8	168	-108.8
17540	-27.1	86.1	166	-128.3
17550	-25.9	87.4	165	-135.7
17560	-24.4	88.9	164	-142.6
17570	-22.9	90.3	162	-149.3
17580	-22.0	91.9	161	-155.2
17590	-21.0	93.5	159	-161.0
17600	-21.2	95.1	157	-166.3
17610	-21.7	96.8	156	-171.9
17620	-21.8	98.6	154	-177.5
17630	-20.7	100.4	152	-183.1
17640	-18.7	102.3	150	-188.4
17650	-16.3	104.2	148	-193.0
17660	-14.9	106.1	146	-196.4
17670	-14.9	108.1	144	-200.1
17680	-14.1	110.2	142	-203.9
17690	-13.2	112.2	140	-206.8
17700	-12.6	114.3	138	-209.7
17710	-13.2	116.4	136	-212.4
17720	-13.3	118.6	134	-215.6
17730	-12.9	120.8	132	-218.5
17740	-12.2	123.0	129	-221.2
17750	-12.2	125.2	127	-223.8
17760	-11.8	127.5	125	-226.0

17770	-10.6	129.7	123	-228.4
17780	-9.8	132.0	120	-230.5
17790	-10.0	134.4	118	-232.4
17800	-9.8	136.7	116	-234.0
17810	-9.2	139.0	113	-235.8
17820	-8.8	141.4	111	-237.2
17830	-9.8	143.8	109	-238.8
17840	-9.9	146.2	106	-240.3
17850	-8.4	148.6	104	-241.4
17860	-7.5	151.0	101	-243.0
17870	-6.8	153.5	99	-244.1
17880	-5.8	155.9	97	-244.6
17890	-4.7	158.4	94	-245.4
17900	-5.3	160.8	92	-245.7
17910	-6.2	163.3	89	-245.9
17920	-6.4	165.8	87	-246.7
17930	-5.8	168.2	84	-247.8
17940	-5.6	170.7	82	-248.3
17950	-5.4	173.2	79	-248.3
17960	-5.4	175.7	77	-248.9
17970	-5.8	178.2	74	-249.4
17980	-6.8	180.7	72	-249.9
17990	-7.1	183.2	69	-251.0
18000	-6.8	185.7	67	-251.8
18010	-6.1	188.2	64	-252.6
18020	-4.1	190.8	62	-252.9
18030	-2.7	193.3	59	-252.9
18040	-2.6	195.8	57	-252.3
18050	-2.7	198.3	54	-252.1
18060	-2.6	200.8	52	-251.3
18070	-2.6	203.4	49	-251.3
18080	-2.4	205.9	47	-250.5
18090	-2.4	208.4	44	-250.2
18100	-2.2	210.9	42	-249.7
18110	-1.9	213.4	39	-249.1
18120	1.8	215.8	37	-248.1
18130	7.3	218.3	34	-245.7
18140	8.8	220.7	32	-242.2
18150	5.4	223.1	29	-238.5
18160	1.1	225.5	27	-235.8
18170	0.4	227.8	25	-234.8
18180	2.2	230.2	22	-233.4
18190	4.7	232.5	20	-231.0
18200	6.8	234.8	18	-228.4
18210	7.3	237.0	15	-224.9
18220	6.1	239.3	13	-222.0
18230	4.2	241.5	11	-219.1
18240	3.8	243.7	9	-216.9
18250	5.0	245.8	7	-214.5
18260	7.2	247.9	5	-211.9
18270	9.5	250.0	2	-208.7
18280	10.7	252.1	0	-204.4
18290	11.8	254.1	-2	-200.4
18300	11.5	256.1	-4	-195.9

18310	10.8	258.0	-6	-191.4
18320	10.6	259.9	-7	-187.1
18330	9.8	261.6	-9	-161.0
18340	-0.5	263.2	-11	-153.8
18350	-2.8	264.6	-12	-118.2
18360	-12.7	265.7	-13	-112.3
18370	-26.0	266.8	-14	-105.9
18380	-25.0	267.6	-15	-74.0
18390	-12.5	268.3	-16	-69.2
18400	1.2	268.9	-16	-51.3
18410	0.8	269.5	-17	-48.7
18420	14.4	269.9	-17	-36.2
18430	30.8	270.2	-18	-33.8
18440	33.9	270.5	-18	-21.5
18450	27.7	270.6	-18	-13.0
18460	19.5	270.7	-18	-5.5
18470	14.4	270.7	-18	-1.5
18480	15.3	270.7	-18	0.5
18490	22.1	270.7	-18	1.8
18500	27.0	270.6	-18	8.5
18510	26.8	270.5	-18	14.6
18520	22.5	270.3	-18	21.5
18530	18.2	270.0	-18	32.4
18540	17.9	269.6	-17	34.6
18550	21.7	269.3	-17	35.6
18560	27.0	268.8	-16	41.2
18570	29.4	268.3	-16	58.3
18580	27.4	267.7	-15	60.6
18590	22.9	267.1	-15	61.2
18600	18.3	266.3	-14	81.7
18610	17.4	265.5	-13	79.0
18620	19.7	264.7	-12	75.3
18630	22.9	263.9	-11	79.8
18640	25.0	262.9	-10	87.0
18650	24.4	261.9	-9	91.5
18660	21.6	260.9	-8	96.9
18670	18.0	259.7	-7	113.4
18680	16.7	258.5	-6	118.2
18690	17.0	257.3	-5	122.7
18700	18.0	256.0	-4	126.9
18710	19.5	254.7	-2	132.0
18720	19.8	253.4	-1	137.1
18730	18.6	252.0	0	142.4
18740	16.7	250.5	2	146.9
18750	16.0	249.0	3	151.2
18760	15.2	247.5	5	155.2
18770	15.2	245.9	7	158.9
18780	15.1	244.3	8	162.9
18790	14.8	242.6	10	166.3
18800	14.5	240.9	12	170.1
18810	14.0	239.2	13	173.5
18820	13.0	237.4	15	176.7
18830	11.9	235.6	17	179.7
18840	10.7	233.8	19	182.6

18850	10.6	232.0	20	185.0
18860	10.6	230.1	22	187.4
18870	10.2	228.2	24	189.5
18880	9.9	226.3	26	191.9
18890	9.8	224.4	28	193.8
18900	8.9	222.4	30	195.9
18910	7.6	220.4	32	197.8
18920	6.8	218.5	34	199.1
18930	6.8	216.5	36	200.1
18940	8.0	214.5	38	201.5
18950	9.4	212.4	40	202.5
18960	8.8	210.4	42	204.4
18970	7.1	208.3	44	206.0
18980	5.7	206.3	46	207.3
18990	6.2	204.2	48	207.9
19000	8.1	202.1	50	208.9
19010	9.8	200.0	52	210.5
19020	9.8	197.9	55	212.1
19030	9.6	195.7	57	214.0
19040	8.9	193.6	59	215.9
19050	7.2	191.4	61	217.5
19060	4.1	189.2	63	218.3
19070	2.6	187.0	65	218.3
19080	2.4	184.9	68	218.3
19090	3.5	182.7	70	217.7
19100	5.2	180.5	72	218.0
19110	7.3	178.3	74	218.8
19120	7.2	176.1	76	219.6
19130	3.7	173.9	79	220.4
19140	2.0	171.7	81	220.6
19150	2.0	169.5	83	220.1
19160	2.0	167.3	85	219.6
19170	1.9	165.1	87	219.1
19180	1.4	162.9	90	218.5
19190	-0.1	160.8	92	217.5
19200	-2.2	158.6	94	216.4
19210	-2.2	156.4	96	214.5
19220	-0.3	154.3	98	213.2
19230	2.3	152.2	100	212.4
19240	2.3	150.1	102	212.1
19250	2.0	147.9	105	211.9
19260	1.8	145.8	107	211.3
19270	0.9	143.7	109	210.8
19280	-0.8	141.6	111	209.7
19290	-3.0	139.5	113	208.4
19300	-2.3	137.5	115	206.5
19310	0.1	135.4	117	204.7
19320	2.0	133.4	119	204.1
19330	1.9	131.3	121	203.9
19340	1.5	129.3	123	203.3
19350	0.0	127.3	125	202.8
19360	-1.8	125.2	127	201.5
19370	-2.4	123.2	129	199.6
19380	-2.4	121.3	131	198.0

19390	-1.6	119.3	133	196.4
19400	-0.4	117.3	135	195.4
19410	0.0	115.4	137	194.3
19420	-0.9	113.4	139	193.5
19430	-3.0	111.5	141	191.9
19440	-3.9	109.6	143	190.0
19450	-3.0	107.7	145	187.9
19460	-1.5	105.9	147	186.0
19470	-1.6	104.0	148	184.7
19480	-3.0	102.2	150	182.8
19490	-3.8	100.4	152	181.0
19500	-4.1	98.6	154	178.9
19510	-3.3	96.8	156	176.7
19520	-3.0	95.0	157	174.9
19530	-3.5	93.3	159	173.0
19540	-3.7	91.6	161	171.1
19550	-3.5	89.9	163	169.0
19560	-3.3	88.2	164	167.1
19570	-4.1	86.6	166	165.3
19580	-6.1	84.9	168	163.1
19590	-4.3	83.5	169	149.6
19600	2.3	82.1	170	117.1
19610	2.7	80.9	172	124.3
19620	8.3	79.9	173	98.7
19630	13.4	79.0	173	85.9
19640	8.7	78.2	174	74.0
19650	0.1	77.6	175	64.1
19660	-0.1	77.0	175	55.3
19670	-6.4	76.5	176	47.3
19680	-19.5	76.1	176	39.1
19690	-25.9	75.8	177	28.4
19700	-29.3	75.5	177	23.9
19710	-29.2	75.3	177	14.1
19720	-24.8	75.2	177	7.9
19730	-20.9	75.2	177	1.3
19740	-22.0	75.2	177	-1.3
19750	-26.8	75.3	177	-7.9
19760	-30.6	75.4	177	-13.5
19770	-32.3	75.6	177	-24.4
19780	-32.1	75.9	177	-34.3
19790	-31.9	76.3	176	-44.4
19800	-33.1	76.7	176	-49.2
19810	-35.3	77.3	175	-52.7
19820	-37.0	78.0	174	-74.8
19830	-37.6	78.7	174	-77.7
19840	-35.5	79.5	173	-79.3
19850	-31.5	80.5	172	-107.0
19860	-28.1	81.6	171	-115.8
19870	-26.3	82.7	170	-124.5
19880	-27.1	83.9	169	-131.7
19890	-29.2	85.1	167	-140.2
19900	-30.2	86.5	166	-134.9
19910	-29.2	87.9	165	-143.4
19920	-26.8	89.4	163	-151.2

19930	-23.6	90.9	162	-158.6
19940	-20.9	92.6	160	-164.2
19950	-19.0	94.2	158	-169.8
19960	-18.8	96.0	156	-174.6
19970	-19.0	97.8	155	-179.1
19980	-17.9	99.6	153	-184.2
19990	-16.4	101.5	151	-188.4
20000	-14.9	103.4	149	-192.2
20010	-14.9	105.3	147	-195.6
20020	-16.0	107.3	145	-199.4
20030	-16.0	109.3	143	-203.1
20040	-14.1	111.4	141	-206.3
20050	-11.9	113.5	139	-209.5
20060	-11.0	115.6	137	-212.1
20070	-10.6	117.7	135	-214.3
20080	-10.4	119.9	133	-216.4
20090	-10.6	122.1	130	-218.3
20100	-11.3	124.3	128	-220.4
20110	-12.1	126.5	126	-223.0
20120	-11.9	128.7	124	-225.4
20130	-10.0	131.0	121	-227.6
20140	-8.9	133.3	119	-229.4
20150	-8.1	135.6	117	-230.8
20160	-7.1	137.9	115	-232.4
20170	-6.5	140.3	112	-233.2
20180	-7.1	142.6	110	-234.2
20190	-8.8	145.0	107	-235.6
20200	-8.5	147.3	105	-236.9
20210	-8.3	149.7	103	-238.2
20220	-8.8	152.1	100	-239.6
20230	-8.9	154.5	98	-240.9
20240	-7.7	156.9	96	-242.5
20250	-6.6	159.3	93	-243.3
20260	-8.0	161.8	91	-244.1
20270	-9.4	164.2	88	-245.4
20280	-9.6	166.7	86	-247.0
20290	-9.4	169.2	83	-248.3
20300	-9.1	171.7	81	-249.9
20310	-8.0	174.2	78	-251.5
20320	-7.1	176.7	76	-252.6
20330	-5.7	179.3	73	-253.4
20340	-4.5	181.8	71	-253.7
20350	-4.1	184.3	68	-253.7
20360	-5.2	186.9	66	-253.9
20370	-5.8	189.4	63	-254.2
20380	-4.7	192.0	60	-254.7
20390	-3.9	194.5	58	-255.0
20400	-3.7	197.1	55	-255.0
20410	-3.1	199.6	53	-254.5
20420	-2.6	202.1	50	-253.9
20430	-2.6	204.7	48	-253.9
20440	-2.4	207.2	45	-253.4
20450	-2.3	209.7	43	-252.9
20460	-2.0	212.3	40	-252.3

20470	0.7	214.8	38	-251.5
20480	6.9	217.3	35	-249.7
20490	9.5	219.8	33	-245.9
20500	7.3	222.2	30	-242.2
20510	3.9	224.6	28	-239.0
20520	3.3	227.0	25	-236.6
20530	5.6	229.3	23	-234.5
20540	8.8	231.6	21	-231.6
20550	10.7	233.9	19	-227.3
20560	11.4	236.2	16	-223.3
20570	10.3	238.4	14	-218.8
20580	8.7	240.5	12	-215.1
20590	7.6	242.7	10	-211.6
20600	7.9	244.7	8	-207.9
20610	9.2	246.8	6	-204.4
20620	11.8	248.8	4	-200.7
20630	14.5	250.8	2	-195.9
20640	17.5	252.7	0	-190.3
20650	19.8	254.6	-2	-183.9
20660	19.9	256.3	-4	-177.3
20670	18.7	258.1	-6	-170.3
20680	16.7	259.7	-7	-163.9
20690	16.1	261.3	-9	-156.8
20700	8.9	262.7	-10	-136.3
20710	0.3	263.9	-11	-107.8
20720	-1.5	265.0	-13	-105.4
20730	-0.7	265.9	-13	-82.5
20740	3.7	266.8	-14	-85.7
20750	13.4	267.5	-15	-67.6
20760	22.5	268.1	-16	-51.3
20770	27.5	268.6	-16	-48.4
20780	28.3	269.0	-17	-36.2
20790	25.4	269.3	-17	-32.4
20800	21.2	269.6	-17	-25.5
20810	19.3	269.8	-17	-20.2
20820	20.1	270.0	-18	-14.6
20830	23.1	270.1	-18	-8.7
20840	26.0	270.1	-18	-1.0
20850	28.3	270.1	-18	2.1
20860	28.5	270.0	-18	7.9
20870	24.7	269.9	-17	16.5
20880	20.5	269.7	-17	25.2
20890	19.3	269.4	-17	28.7
20900	21.0	269.1	-17	30.6
20910	24.1	268.7	-16	35.6
20920	26.3	268.3	-16	42.0
20930	25.6	267.7	-15	48.1
20940	22.2	267.1	-15	66.5
20950	19.0	266.5	-14	66.5
20960	17.9	265.8	-13	64.6
20970	19.7	265.0	-13	83.8
20980	22.4	264.2	-12	89.7
20990	23.6	263.3	-11	96.3
21000	22.9	262.4	-10	103.0

21010	20.1	261.4	-9	109.6
21020	17.2	260.4	-8	115.2
21030	16.0	259.3	-7	109.4
21040	16.5	258.2	-6	113.6
21050	17.8	257.0	-5	118.2
21060	19.1	255.8	-3	122.9
21070	19.5	254.5	-2	128.3
21080	17.5	253.2	-1	133.3
21090	15.7	251.8	1	138.1
21100	14.9	250.4	2	141.8
21110	14.9	249.0	3	145.6
21120	15.3	247.5	5	149.6
21130	15.9	246.0	6	153.0
21140	15.9	244.4	8	157.3
21150	14.8	242.8	10	161.0
21160	13.2	241.2	11	165.0
21170	11.8	239.5	13	167.9
21180	11.1	237.8	15	170.6
21190	11.4	236.1	16	173.3
21200	12.1	234.3	18	175.9
21210	12.3	232.5	20	178.6
21220	11.7	230.7	22	181.8
21230	10.0	228.9	24	183.9
21240	8.8	227.0	25	186.0
21250	8.5	225.2	27	187.9
21260	9.4	223.3	29	189.5
21270	9.8	221.4	31	191.4
21280	9.2	219.4	33	193.5
21290	8.3	217.5	35	194.8
21300	6.9	215.5	37	196.4
21310	6.8	213.5	39	197.8
21320	6.6	211.6	41	198.8
21330	6.1	209.6	43	199.6
21340	5.6	207.6	45	200.4
21350	5.3	205.5	47	201.2
21360	5.4	203.5	49	201.7
21370	5.7	201.5	51	202.3
21380	5.2	199.5	53	203.3
21390	4.1	197.4	55	203.6
21400	4.3	195.4	57	203.9
21410	4.6	193.4	59	204.1
21420	4.6	191.3	61	204.7
21430	3.8	189.3	63	204.7
21440	3.8	187.2	65	205.2
21450	4.1	185.2	67	205.2
21460	4.9	183.1	69	205.5
21470	4.7	181.1	71	206.0
21480	3.9	179.0	73	206.3
21490	3.4	176.9	76	206.5
21500	2.6	174.9	78	206.3
21510	2.2	172.8	80	206.3
21520	2.0	170.7	82	205.7
21530	2.0	168.7	84	205.5
21540	2.0	166.6	86	204.9

21550	2.0	164.6	88	204.7
21560	2.0	162.5	90	204.1
21570	2.2	160.5	92	204.1
21580	2.0	158.5	94	203.9
21590	1.9	156.4	96	203.6
21600	1.8	154.4	98	202.5
21610	1.5	152.4	100	202.0
21620	1.8	150.4	102	201.5
21630	2.3	148.3	104	201.5
21640	2.3	146.3	106	201.2
21650	2.3	144.3	108	200.9
21660	2.3	142.3	110	200.7
21670	2.2	140.3	112	200.4
21680	2.2	138.3	114	200.1
21690	2.3	136.3	116	199.6
21700	2.3	134.3	118	199.6
21710	2.3	132.3	120	199.1
21720	2.3	130.3	122	199.1
21730	2.4	128.3	124	198.8
21740	2.6	126.3	126	198.6
21750	3.1	124.4	128	198.3
21760	4.3	122.4	130	198.0
21770	4.5	120.4	132	198.8
21780	3.3	118.4	134	199.1
21790	2.0	116.4	136	199.1
21800	1.9	114.4	138	198.6
21810	1.9	112.4	140	198.3
21820	1.9	110.5	142	198.0
21830	1.8	108.5	144	197.5
21840	1.2	106.5	146	197.2
21850	-2.7	104.5	148	196.2
21860	-6.1	102.6	150	194.0
21870	-4.9	100.7	152	191.4
21880	-0.9	98.8	154	189.0
21890	1.4	96.9	156	188.4
21900	0.8	95.0	157	188.2
21910	-2.6	93.1	159	186.8
21920	-5.3	91.3	161	185.2
21930	-5.6	89.5	163	182.6
21940	-3.9	87.6	165	180.2
21950	-3.1	85.9	167	178.3
21960	-2.7	84.2	168	156.0
21970	2.6	82.5	170	165.8
21980	6.5	81.3	171	129.9
21990	21.0	80.0	172	122.9
22000	23.9	79.1	173	86.7
22010	14.6	78.2	174	82.2
22020	-0.1	77.5	175	69.2
22030	-1.8	76.9	176	58.8
22040	-12.6	76.4	176	48.7
22050	-21.6	76.0	176	35.9
22060	-26.3	75.6	177	33.0
22070	-27.9	75.3	177	27.9
22080	-25.2	75.1	177	18.1

22090	-22.0	75.0	177	11.4
22100	-21.3	75.0	177	5.0
22110	-23.5	75.0	177	-1.0
22120	-27.8	75.0	177	-4.2
22130	-32.8	75.1	177	-10.6
22140	-35.7	75.3	177	-20.4
22150	-35.5	75.5	177	-30.0
22160	-34.6	75.9	177	-36.2
22170	-35.4	76.4	176	-44.9
22180	-37.6	77.0	175	-65.7
22190	-39.7	77.6	175	-70.0
22200	-40.3	78.4	174	-72.6
22210	-37.3	79.3	173	-100.3
22220	-31.3	80.3	172	-111.5
22230	-25.5	81.3	171	-108.8
22240	-22.5	82.5	170	-104.3
22250	-24.1	83.7	169	-109.6
22260	-28.1	85.0	167	-116.0
22270	-31.2	86.4	166	-135.7
22280	-31.1	87.8	165	-144.5
22290	-28.2	89.3	163	-152.8
22300	-23.9	90.9	162	-160.2
22310	-20.7	92.5	160	-166.3
22320	-19.4	94.2	158	-171.4
22330	-19.3	96.0	156	-176.5
22340	-19.1	97.8	155	-181.2
22350	-17.5	99.6	153	-186.0
22360	-15.9	101.5	151	-190.3
22370	-14.1	103.5	149	-193.8
22380	-14.5	105.4	147	-197.0
22390	-16.5	107.4	145	-200.4
22400	-16.8	109.5	143	-204.4
22410	-14.8	111.5	141	-208.1
22420	-11.9	113.6	139	-211.6
22430	-10.0	115.8	137	-214.0
22440	-8.9	117.9	135	-215.9
22450	-8.4	120.1	132	-217.5
22460	-8.8	122.3	130	-218.8
22470	-10.0	124.5	128	-220.6
22480	-11.3	126.7	126	-222.8
22490	-10.8	128.9	124	-224.9
22500	-9.4	131.2	121	-226.8
22510	-8.5	133.5	119	-228.4
22520	-8.0	135.8	117	-230.0
22530	-7.2	138.1	114	-231.0
22540	-6.9	140.4	112	-232.1
22550	-7.9	142.7	110	-233.2
22560	-9.4	145.1	107	-234.5
22570	-9.1	147.4	105	-236.4
22580	-8.7	149.8	103	-237.7
22590	-9.2	152.2	100	-239.6
22600	-9.2	154.6	98	-240.9
22610	-8.3	157.0	95	-242.2
22620	-7.7	159.5	93	-243.8

22630	-8.9	161.9	91	-244.6
22640	-9.8	164.4	88	-246.2
22650	-9.9	166.8	86	-247.5
22660	-9.5	169.3	83	-249.1
22670	-8.5	171.8	81	-251.0
22680	-7.3	174.4	78	-252.1
22690	-6.5	176.9	76	-253.1
22700	-6.5	179.4	73	-253.9
22710	-7.2	182.0	70	-254.5
22720	-7.9	184.5	68	-255.3
22730	-8.4	187.1	65	-256.6
22740	-7.3	189.7	63	-257.7
22750	-5.0	192.2	60	-258.5
22760	-4.2	194.8	58	-259.0
22770	-4.6	197.4	55	-258.7
22780	-5.2	200.0	52	-259.0
22790	-5.3	202.6	50	-259.3
22800	-4.6	205.2	47	-259.8
22810	-3.0	207.8	45	-259.8
22820	-2.3	210.4	42	-259.0
22830	-2.3	213.0	39	-258.7
22840	-2.2	215.6	37	-258.2
22850	0.4	218.2	34	-257.4
22860	5.6	220.7	32	-255.5
22870	7.3	223.2	29	-252.3
22880	4.9	225.7	27	-248.9
22890	2.0	228.2	24	-246.7
22900	1.6	230.7	22	-244.3
22910	2.8	233.1	19	-242.7
22920	5.4	235.5	17	-240.6
22930	7.5	237.9	15	-237.2
22940	7.9	240.2	12	-233.7
22950	7.7	242.5	10	-230.2
22960	7.7	244.8	8	-226.8
22970	8.1	247.1	5	-223.3
22980	9.1	249.3	3	-219.9
22990	10.0	251.4	1	-215.9
23000	11.4	253.6	-1	-211.9
23010	11.7	255.7	-3	-207.1
23020	11.5	257.7	-5	-202.8
23030	11.1	259.7	-7	-198.3
23040	10.7	261.6	-9	-211.1
23050	0.0	263.2	-11	-163.1
23060	-3.4	264.8	-12	-151.4
23070	-16.4	265.9	-13	-117.1
23080	-30.2	267.0	-15	-100.0
23090	-27.0	267.8	-15	-83.8
23100	-11.9	268.6	-16	-62.2
23110	1.8	269.2	-17	-56.9
23120	1.2	269.7	-17	-42.5
23130	15.7	270.1	-18	-38.6
23140	28.7	270.4	-18	-26.3
23150	28.7	270.6	-18	-22.3
23160	22.4	270.8	-18	-11.1

23170	16.7	270.8	-18	-6.9
23180	14.9	270.9	-18	-3.1
23190	17.8	270.9	-18	1.0
23200	24.5	270.8	-18	3.9
23210	28.6	270.8	-18	11.1
23220	27.7	270.6	-18	19.4
23230	23.3	270.4	-18	25.2
23240	19.3	270.1	-18	28.2
23250	19.3	269.7	-17	40.7
23260	23.1	269.3	-17	46.5
23270	28.3	268.8	-16	52.9
23280	31.5	268.3	-16	62.0
23290	30.5	267.7	-15	64.4
23300	26.7	267.0	-15	65.7
23310	22.2	266.2	-14	88.3
23320	20.5	265.3	-13	85.7
23330	21.7	264.5	-12	81.9
23340	24.1	263.5	-11	96.9
23350	26.0	262.5	-10	93.1
23360	25.8	261.4	-9	99.3
23370	22.9	260.2	-8	117.1
23380	19.8	259.0	-7	123.2
23390	17.9	257.7	-5	128.5
23400	18.2	256.4	-4	133.3
23410	20.3	255.0	-3	138.1
23420	22.4	253.6	-1	143.4
23430	22.5	252.1	0	149.6
23440	22.0	250.6	2	155.4
23450	19.8	249.0	3	161.3
23460	17.1	247.3	5	166.1
23470	15.6	245.6	7	170.3
23480	15.3	243.9	9	174.3
23490	16.8	242.1	10	178.1
23500	18.3	240.3	12	182.0
23510	18.6	238.4	14	186.6
23520	17.2	236.5	16	191.1
23530	14.9	234.6	18	195.4
23540	12.9	232.6	20	198.8
23550	11.9	230.6	22	201.7
23560	11.8	228.6	24	204.1
23570	11.9	226.5	26	206.5
23580	12.5	224.4	28	209.5
23590	11.7	222.3	30	212.1
23600	9.9	220.2	32	214.5
23610	8.1	218.0	34	216.4
23620	6.6	215.8	37	217.5
23630	7.3	213.7	39	218.5
23640	8.1	211.5	41	220.1
23650	8.8	209.2	43	221.2
23660	9.1	207.0	45	222.5
23670	9.2	204.8	48	224.1
23680	8.8	202.5	50	226.2
23690	8.4	200.3	52	227.6
23700	6.9	198.0	54	228.9

23710	6.4	195.7	57	229.7
23720	6.1	193.4	59	230.5
23730	4.7	191.1	61	231.0
23740	2.8	188.7	64	231.3
23750	2.4	186.4	66	231.0
23760	2.3	184.1	68	230.8
23770	2.6	181.8	71	230.2
23780	2.6	179.5	73	230.2
23790	2.8	177.2	75	230.0
23800	3.0	174.9	78	229.4
23810	2.8	172.6	80	229.4
23820	2.6	170.3	82	229.2
23830	2.6	168.0	84	228.6
23840	2.7	165.8	87	228.6
23850	2.6	163.5	89	228.1
23860	2.6	161.2	91	227.8
23870	2.4	158.9	94	227.6
23880	2.2	156.6	96	227.3
23890	2.3	154.4	98	226.8
23900	2.2	152.1	100	226.2
23910	2.2	149.8	103	226.2
23920	2.2	147.6	105	225.7
23930	2.0	145.3	107	225.2
23940	1.8	143.1	109	224.4
23950	0.3	140.8	112	224.1
23960	-2.0	138.6	114	222.8
23970	-2.0	136.4	116	220.9
23980	0.5	134.2	118	219.9
23990	2.0	132.0	120	219.1
24000	1.8	129.8	123	218.5
24010	0.7	127.6	125	218.0
24020	-1.2	125.5	127	216.7
24030	-2.7	123.3	129	215.3
24040	-3.4	121.2	131	213.2
24050	-3.0	119.0	133	211.3
24060	-1.8	116.9	136	209.5
24070	-1.4	114.9	138	208.7
24080	-2.4	112.8	140	207.1
24090	-4.7	110.7	142	204.9
24100	-5.8	108.7	144	202.3
24110	-4.5	106.7	146	200.1
24120	-3.4	104.7	148	198.0
24130	-3.9	102.7	150	195.9
24140	-5.0	100.8	152	193.8
24150	-5.7	98.9	154	191.1
24160	-5.8	97.0	155	188.7
24170	-6.2	95.1	157	186.0
24180	-7.2	93.3	159	183.4
24190	-7.6	91.5	161	180.4
24200	-7.3	89.7	163	177.3
24210	-7.3	87.9	165	174.1
24220	-8.5	86.2	166	171.1
24230	-10.3	84.6	168	150.4
24240	-4.2	83.0	169	163.1

24250	2.3	81.7	171	129.3
24260	9.1	80.6	172	100.6
24270	20.6	79.6	173	97.4
24280	23.3	78.6	174	92.3
24290	16.0	77.9	175	72.6
24300	5.4	77.3	175	61.7
24310	0.0	76.7	176	52.4
24320	-0.1	76.2	176	49.5
24330	-6.0	75.9	177	34.8
24340	-16.0	75.5	177	31.6
24350	-19.0	75.2	177	26.0
24360	-20.2	75.0	177	18.6
24370	-20.1	74.9	178	16.2
24380	-18.6	74.8	178	9.3
24390	-17.5	74.7	178	4.2
24400	-19.3	74.7	178	-0.7
24410	-22.8	74.7	178	-3.1
24420	-27.5	74.8	178	-10.6
24430	-33.6	75.0	177	-17.0
24440	-37.4	75.2	177	-26.3
24450	-38.0	75.5	177	-32.7
24460	-35.8	76.0	176	-42.3
24470	-31.9	76.5	176	-50.8
24480	-28.9	77.2	175	-72.1
24490	-28.2	77.9	175	-72.9
24500	-28.6	78.6	174	-72.4
24510	-28.6	79.5	173	-79.6
24520	-27.1	80.4	172	-86.5
24530	-25.0	81.5	171	-92.6
24540	-23.5	82.5	170	-98.5
24550	-24.3	83.7	169	-103.8
24560	-26.3	84.9	168	-109.9
24570	-27.4	86.2	166	-129.1
24580	-26.3	87.6	165	-136.5
24590	-22.9	89.0	163	-143.4
24600	-19.3	90.5	162	-149.6
24610	-16.5	92.0	160	-154.1
24620	-16.3	93.6	159	-158.6
24630	-18.2	95.2	157	-162.3
24640	-20.3	96.8	156	-167.1
24650	-20.6	98.6	154	-172.5
24660	-18.3	100.3	152	-177.3
24670	-15.2	102.1	150	-182.3
24680	-12.9	104.0	148	-185.5
24690	-12.6	105.9	147	-188.7
24700	-13.7	107.8	145	-191.6
24710	-13.7	109.7	143	-195.1
24720	-12.2	111.7	141	-198.0
24730	-11.4	113.7	139	-200.4
24740	-11.8	115.7	137	-203.3
24750	-12.3	117.8	135	-205.7
24760	-12.3	119.8	133	-208.4
24770	-11.4	121.9	131	-211.1
24780	-10.8	124.1	128	-213.5

24790	-10.6	126.2	126	-215.9
24800	-10.3	128.4	124	-218.0
24810	-9.5	130.6	122	-219.9
24820	-9.6	132.8	120	-221.7
24830	-10.4	135.0	117	-223.6
24840	-10.4	137.3	115	-225.7
24850	-9.8	139.6	113	-227.6
24860	-9.6	141.8	111	-229.4
24870	-11.1	144.1	108	-231.3
24880	-11.5	146.5	106	-233.4
24890	-10.2	148.8	104	-235.3
24900	-10.0	151.2	101	-237.2
24910	-10.3	153.6	99	-239.3
24920	-10.2	156.0	96	-241.1
24930	-9.2	158.4	94	-243.0
24940	-10.2	160.9	92	-244.6
24950	-11.4	163.3	89	-246.2
24960	-11.5	165.8	87	-248.9
24970	-11.3	168.3	84	-251.0
24980	-10.4	170.8	82	-252.9
24990	-9.9	173.4	79	-254.7
25000	-9.6	175.9	77	-256.3
25010	-9.6	178.5	74	-257.9
25020	-9.2	181.1	71	-259.8
25030	-8.4	183.7	69	-261.1
25040	-8.1	186.3	66	-262.7
25050	-7.9	189.0	63	-264.0
25060	-6.9	191.6	61	-264.8
25070	-6.5	194.3	58	-265.6
25080	-7.6	196.9	56	-266.7
25090	-8.1	199.6	53	-267.5
25100	-7.3	202.3	50	-268.6
25110	-6.8	205.0	47	-269.4
25120	-5.3	207.7	45	-270.2
25130	-3.1	210.4	42	-270.4
25140	-2.6	213.1	39	-269.9
25150	-2.6	215.8	37	-269.6
25160	-2.4	218.5	34	-269.1
25170	-2.3	221.2	31	-268.3
25180	-0.5	223.9	29	-267.5
25190	5.6	226.5	26	-265.4
25200	9.6	229.2	23	-262.2
25210	8.1	231.8	21	-257.9
25220	4.3	234.3	18	-255.0
25230	2.8	236.8	16	-252.3
25240	4.7	239.4	13	-250.5
25250	8.1	241.8	11	-247.3
25260	11.5	244.3	8	-243.5
25270	13.6	246.7	6	-238.5
25280	13.7	249.0	3	-233.4
25290	12.1	251.3	1	-228.4
25300	11.8	253.6	-1	-223.6
25310	12.3	255.8	-3	-218.8
25320	13.7	257.9	-5	-214.0

25330	15.3	260.0	-8	-208.4
25340	14.0	261.9	-9	-176.7
25350	-0.7	263.7	-11	-165.0
25360	-3.5	265.1	-13	-124.5
25370	-16.1	266.3	-14	-116.6
25380	-28.2	267.4	-15	-98.5
25390	-22.0	268.3	-16	-89.4
25400	-6.1	268.9	-16	-66.8
25410	0.8	269.5	-17	-59.3
25420	7.7	270.0	-18	-44.7
25430	27.3	270.3	-18	-31.1
25440	35.8	270.6	-18	-27.1
25450	31.9	270.8	-18	-15.1
25460	22.0	270.9	-18	-7.7
25470	15.2	270.9	-18	-2.3
25480	14.8	270.9	-18	0.7
25490	20.5	270.9	-18	2.6
25500	26.7	270.8	-18	9.3
25510	28.9	270.7	-18	14.9
25520	25.2	270.5	-18	20.7
25530	17.8	270.2	-18	33.0
25540	14.1	269.9	-17	34.6
25550	15.9	269.5	-17	34.8
25560	22.2	269.1	-17	39.1
25570	28.5	268.6	-16	44.4
25580	30.9	268.0	-16	62.8
25590	28.2	267.4	-15	64.9
25600	21.7	266.7	-14	79.8
25610	17.0	265.9	-13	78.2
25620	16.4	265.1	-13	74.2
25630	19.4	264.3	-12	78.2
25640	22.6	263.4	-11	83.3
25650	24.1	262.4	-10	88.6
25660	22.6	261.4	-9	94.2
25670	18.8	260.2	-8	110.4
25680	16.0	259.1	-7	115.5
25690	15.3	257.9	-5	119.8
25700	16.7	256.7	-4	124.0
25710	18.8	255.4	-3	128.5
25720	19.9	254.1	-2	133.3
25730	18.3	252.7	0	138.7
25740	16.0	251.3	1	143.2
25750	14.1	249.8	3	147.2
25760	13.4	248.3	4	150.6
25770	13.7	246.8	6	153.8
25780	15.2	245.2	7	157.3
25790	15.6	243.6	9	161.0
25800	15.1	242.0	10	164.7
25810	14.0	240.3	12	168.5
25820	12.1	238.6	14	171.4
25830	10.8	236.8	16	174.3
25840	10.7	235.1	17	176.7
25850	11.1	233.3	19	179.1
25860	11.9	231.5	21	181.5

25870	11.8	229.7	23	184.2
25880	10.4	227.8	25	186.6
25890	9.4	225.9	27	188.7
25900	8.8	224.0	28	190.6
25910	8.3	222.1	30	192.4
25920	8.0	220.2	32	194.0
25930	7.9	218.2	34	195.4
25940	7.6	216.2	36	196.7
25950	7.7	214.3	38	198.3
25960	7.7	212.3	40	199.6
25970	6.6	210.3	42	200.9
25980	6.1	208.2	44	202.0
25990	6.1	206.2	46	202.8
26000	6.8	204.2	48	203.6
26010	7.1	202.1	50	204.7
26020	6.5	200.1	52	206.0
26030	5.3	198.0	54	206.8
26040	4.5	195.9	57	207.3
26050	4.2	193.9	59	207.3
26060	4.3	191.8	61	207.6
26070	4.5	189.7	63	208.1
26080	5.3	187.6	65	208.7
26090	6.8	185.5	67	209.2
26100	7.9	183.4	69	210.0
26110	7.6	181.3	71	211.6
26120	5.3	179.2	73	212.7
26130	3.9	177.1	75	213.2
26140	3.3	174.9	78	213.2
26150	4.2	172.8	80	212.9
26160	5.4	170.7	82	213.7
26170	7.1	168.5	84	214.3
26180	8.0	166.4	86	215.3
26190	7.2	164.2	88	216.7
26200	5.6	162.0	90	217.2
26210	4.6	159.8	93	218.3
26220	4.5	157.7	95	218.5
26230	5.2	155.5	97	218.8
26240	6.1	153.3	99	219.3
26250	7.2	151.1	101	220.1
26260	6.9	148.9	104	221.2
26270	6.0	146.7	106	222.0
26280	4.1	144.4	108	223.0
26290	3.4	142.2	110	222.5
26300	3.7	140.0	112	222.5
26310	4.1	137.8	115	222.8
26320	4.3	135.5	117	223.0
26330	4.1	133.3	119	223.0
26340	3.1	131.1	121	223.0
26350	2.4	128.8	124	223.0
26360	2.2	126.6	126	222.8
26370	2.0	124.4	128	222.5
26380	2.0	122.2	130	222.0
26390	1.8	119.9	133	221.2
26400	0.3	117.7	135	220.9

26410	-4.5	115.5	137	219.6
26420	-6.9	113.4	139	216.7
26430	-5.6	111.2	141	213.5
26440	-2.0	109.1	143	211.1
26450	0.8	107.0	145	209.7
26460	0.5	104.9	148	208.9
26470	-2.6	102.8	150	208.1
26480	-5.3	100.7	152	206.0
26490	-5.3	98.7	154	203.3
26500	-3.0	96.7	156	201.2
26510	-2.0	94.7	158	199.4
26520	-3.5	92.7	160	197.8
26530	-5.7	90.7	162	195.9
26540	-6.9	88.8	164	193.0
26550	-8.1	86.9	166	189.8
26560	-9.6	85.0	167	183.9
26570	-4.6	83.3	169	187.6
26580	2.7	81.8	171	146.1
26590	16.7	80.5	172	125.1
26600	32.4	79.4	173	96.1
26610	32.5	78.5	174	91.3
26620	19.4	77.7	175	76.6
26630	4.7	77.0	175	63.8
26640	-0.4	76.4	176	53.5
26650	-5.6	75.9	177	49.5
26660	-16.0	75.6	177	36.7
26670	-20.5	75.2	177	29.8
26680	-20.5	75.0	177	21.5
26690	-17.2	74.8	178	20.2
26700	-14.1	74.6	178	14.1
26710	-14.1	74.5	178	9.8
26720	-16.7	74.5	178	6.1
26730	-19.4	74.4	178	0.2
26740	-23.3	74.5	178	-1.8
26750	-26.4	74.5	178	-9.3
26760	-28.1	74.7	178	-15.1
26770	-30.0	74.9	178	-20.4
26780	-32.3	75.2	177	-33.8
26790	-34.0	75.5	177	-39.4
26800	-34.8	76.0	176	-43.6
26810	-34.0	76.6	176	-64.1
26820	-31.3	77.2	175	-74.5
26830	-27.7	77.9	175	-75.8
26840	-25.1	78.8	174	-74.8
26850	-24.0	79.6	173	-81.1
26860	-24.5	80.6	172	-88.1
26870	-25.8	81.6	171	-92.3
26880	-26.3	82.7	170	-99.0
26890	-25.9	83.8	169	-104.8
26900	-24.7	85.0	167	-111.2
26910	-23.2	86.4	166	-129.9
26920	-22.0	87.7	165	-136.0
26930	-20.7	89.1	163	-141.8
26940	-19.5	90.6	162	-147.4

26950	-18.3	92.1	160	-152.2
26960	-17.6	93.7	159	-157.0
26970	-18.2	95.3	157	-161.0
26980	-19.4	96.9	156	-166.1
26990	-19.7	98.6	154	-170.9
27000	-18.6	100.4	152	-175.7
27010	-16.1	102.1	150	-180.4
27020	-13.8	104.0	148	-184.2
27030	-12.6	105.8	147	-187.4
27040	-13.2	107.7	145	-190.3
27050	-13.4	109.7	143	-193.5
27060	-12.9	111.6	141	-196.7
27070	-12.7	113.6	139	-199.6
27080	-13.3	115.6	137	-202.8
27090	-13.4	117.7	135	-205.5
27100	-12.6	119.8	133	-208.4
27110	-11.1	121.9	131	-211.1
27120	-10.0	124.0	128	-213.2
27130	-10.0	126.1	126	-215.6
27140	-10.0	128.3	124	-217.5
27150	-9.8	130.5	122	-219.3
27160	-10.4	132.7	120	-221.2
27170	-11.4	134.9	118	-223.0
27180	-11.3	137.2	115	-225.7
27190	-10.0	139.5	113	-227.8
27200	-9.4	141.8	111	-229.4
27210	-10.2	144.1	108	-231.6
27220	-10.6	146.4	106	-233.2
27230	-9.8	148.7	104	-235.0
27240	-9.9	151.1	101	-236.6
27250	-10.4	153.5	99	-238.5
27260	-10.0	155.9	97	-240.1
27270	-9.2	158.3	94	-242.5
27280	-9.8	160.7	92	-243.8
27290	-11.3	163.2	89	-245.4
27300	-11.0	165.7	87	-247.8
27310	-10.3	168.2	84	-249.9
27320	-10.0	170.7	82	-251.8
27330	-9.6	173.2	79	-253.4
27340	-9.2	175.7	77	-255.3
27350	-9.1	178.3	74	-256.9
27360	-9.4	180.9	72	-258.5
27370	-8.9	183.5	69	-260.0
27380	-8.7	186.1	66	-261.4
27390	-7.3	188.7	64	-262.4
27400	-4.6	191.4	61	-263.5
27410	-3.9	194.0	58	-263.5
27420	-5.7	196.6	56	-263.8
27430	-8.4	199.3	53	-264.3
27440	-8.5	201.9	51	-265.1
27450	-7.1	204.6	48	-266.7
27460	-4.3	207.3	45	-267.5
27470	-2.6	209.9	43	-267.8
27480	-2.4	212.6	40	-267.0

27490	-2.4	215.3	37	-266.7
27500	-2.3	218.0	34	-266.4
27510	-1.8	220.6	32	-265.4
27520	1.8	223.3	29	-264.0
27530	5.0	225.9	27	-261.9
27540	5.3	228.5	24	-259.0
27550	3.3	231.0	21	-256.3
27560	0.8	233.6	19	-253.9
27570	0.4	236.1	16	-252.9
27580	2.0	238.6	14	-251.3
27590	5.0	241.1	11	-249.1
27600	8.3	243.6	9	-245.9
27610	10.0	246.0	6	-241.9
27620	10.0	248.4	4	-238.0
27630	9.2	250.8	2	-234.0
27640	9.6	253.1	-1	-230.0
27650	11.0	255.4	-3	-225.7
27660	12.3	257.6	-5	-220.9
27670	13.7	259.8	-7	-216.1
27680	13.0	261.9	-9	-228.1
27690	-1.8	263.6	-11	-173.5
27700	-6.1	265.1	-13	-144.5
27710	-25.9	266.4	-14	-108.0
27720	-36.3	267.4	-15	-101.1
27730	-28.3	268.3	-16	-83.3
27740	-8.4	269.0	-17	-73.7
27750	0.3	269.6	-17	-54.0
27760	5.7	270.1	-18	-48.4
27770	21.0	270.4	-18	-34.6
27780	31.3	270.7	-18	-22.6
27790	29.8	270.9	-18	-17.3
27800	23.2	271.0	-19	-7.9
27810	17.6	271.0	-19	-2.3
27820	17.5	271.0	-19	0.7
27830	20.7	271.0	-19	5.0
27840	23.7	270.9	-18	11.1
27850	25.0	270.7	-18	18.3
27860	23.1	270.5	-18	25.8
27870	20.5	270.2	-18	29.8
27880	19.3	269.9	-17	31.9
27890	21.2	269.5	-17	44.9
27900	25.2	269.0	-17	51.6
27910	28.3	268.5	-16	53.5
27920	29.3	267.9	-15	55.1
27930	27.0	267.2	-15	76.1
27940	23.3	266.5	-14	76.4
27950	20.3	265.7	-13	74.2
27960	20.2	264.8	-12	96.3
27970	21.7	263.9	-11	102.4
27980	23.6	262.9	-10	108.6
27990	24.3	261.9	-9	115.2
28000	23.5	260.8	-8	122.4
28010	21.6	259.6	-7	117.6
28020	19.7	258.4	-6	123.5

28030	18.0	257.1	-5	128.5
28040	18.2	255.8	-3	133.3
28050	19.3	254.4	-2	138.1
28060	19.4	253.0	-1	143.2
28070	18.7	251.5	1	148.2
28080	17.6	250.0	2	153.0
28090	16.1	248.5	4	157.6
28100	14.9	246.9	6	161.8
28110	15.1	245.2	7	165.3
28120	15.7	243.5	9	169.3
28130	16.0	241.8	11	172.7
28140	15.6	240.1	12	176.5
28150	14.0	238.3	14	180.2
28160	12.5	236.4	16	183.4
28170	11.3	234.6	18	186.0
28180	11.0	232.7	20	188.7
28190	11.5	230.8	22	190.8
28200	11.4	228.9	24	193.2
28210	10.7	226.9	26	195.9
28220	9.9	224.9	28	197.8
28230	9.1	222.9	30	199.9
28240	7.7	220.9	32	201.5
28250	7.1	218.9	34	202.8
28260	6.6	216.9	36	203.9
28270	6.6	214.8	38	204.9
28280	6.8	212.8	40	205.7
28290	5.6	210.7	42	206.5
28300	4.5	208.6	44	207.1
28310	4.2	206.6	46	207.6
28320	5.0	204.5	48	207.9
28330	5.8	202.4	50	208.7
28340	6.0	200.3	52	209.2
28350	4.5	198.2	54	210.0
28360	3.1	196.1	56	210.3
28370	2.8	194.0	58	210.0
28380	2.8	191.9	61	210.0
28390	3.0	189.8	63	209.7
28400	2.8	187.7	65	210.0
28410	2.7	185.6	67	209.5
28420	2.8	183.5	69	209.5
28430	3.1	181.4	71	209.2
28440	3.1	179.3	73	209.2
28450	3.8	177.2	75	209.2
28460	4.5	175.1	77	209.2
28470	4.1	173.1	79	209.5
28480	2.8	171.0	81	209.5
28490	2.2	168.9	84	209.5
28500	2.2	166.8	86	209.2
28510	2.2	164.7	88	208.9
28520	2.2	162.6	90	208.4
28530	2.3	160.5	92	208.1
28540	2.2	158.4	94	207.9
28550	2.2	156.3	96	207.6
28560	2.2	154.3	98	207.1

28570	2.2	152.2	100	207.1
28580	2.3	150.1	102	206.5
28590	2.2	148.1	104	206.3
28600	2.3	146.0	106	205.7
28610	2.3	144.0	108	205.7
28620	2.3	141.9	111	205.2
28630	2.4	139.9	113	205.2
28640	2.4	137.8	115	204.7
28650	2.4	135.8	117	204.4
28660	2.4	133.7	119	204.1
28670	2.4	131.7	121	203.9
28680	2.4	129.6	123	203.6
28690	2.3	127.6	125	203.3
28700	2.0	125.6	127	203.1
28710	2.0	123.5	129	202.8
28720	1.9	121.5	131	202.3
28730	1.9	119.5	133	202.0
28740	1.8	117.5	135	201.5
28750	1.1	115.5	137	200.9
28760	-1.8	113.5	139	200.4
28770	-3.9	111.5	141	198.6
28780	-3.0	109.5	143	196.2
28790	0.0	107.6	145	194.8
28800	1.6	105.6	147	194.0
28810	1.1	103.7	149	193.5
28820	-0.5	101.7	151	192.7
28830	-1.8	99.8	153	191.4
28840	-1.2	97.9	155	189.8
28850	-0.1	96.0	156	188.7
28860	0.0	94.2	158	187.6
28870	-1.1	92.3	160	186.8
28880	-2.3	90.4	162	185.2
28890	-2.7	88.6	164	183.4
28900	-3.4	86.8	166	181.8
28910	-3.5	85.0	167	179.9
28920	1.6	83.3	169	165.3
28930	4.2	81.9	171	126.9
28940	21.8	80.6	172	122.1
28950	37.2	79.5	173	105.9
28960	33.6	78.5	174	89.7
28970	20.2	77.8	175	68.4
28980	5.7	77.1	175	63.8
28990	-0.5	76.5	176	53.5
29000	0.1	76.1	176	45.7
29010	-0.3	75.7	177	35.1
29020	-7.1	75.3	177	33.0
29030	-14.2	75.0	177	26.8
29040	-16.7	74.8	178	24.2
29050	-15.9	74.6	178	17.5
29060	-13.3	74.5	178	11.7
29070	-11.7	74.4	178	10.1
29080	-12.7	74.3	178	6.1
29090	-15.7	74.3	178	1.8
29100	-19.8	74.3	178	-1.0

29110	-25.5	74.3	178	-5.0
29120	-29.6	74.4	178	-10.9
29130	-31.5	74.6	178	-18.6
29140	-32.0	74.9	178	-26.3
29150	-31.9	75.2	177	-41.2
29160	-31.5	75.7	177	-51.1
29170	-30.1	76.2	176	-60.6
29180	-28.2	76.8	176	-63.6
29190	-26.6	77.5	175	-64.1
29200	-25.9	78.3	174	-70.2
29210	-26.4	79.1	173	-93.4
29220	-27.7	80.0	172	-92.1
29230	-29.0	81.0	171	-89.4
29240	-29.3	82.0	170	-96.3
29250	-27.5	83.2	169	-126.1
29260	-25.6	84.4	168	-133.9
29270	-22.8	85.7	167	-141.3
29280	-21.2	87.0	165	-134.1
29290	-20.5	88.4	164	-140.0
29300	-20.5	89.8	163	-145.3
29310	-20.2	91.3	161	-150.9
29320	-19.7	92.9	160	-156.0
29330	-19.7	94.5	158	-161.0
29340	-19.8	96.1	156	-166.3
29350	-19.8	97.8	155	-171.4
29360	-18.2	99.6	153	-176.5
29370	-15.9	101.4	151	-180.7
29380	-13.3	103.2	149	-184.4
29390	-12.6	105.1	147	-187.4
29400	-14.0	107.0	145	-190.3
29410	-15.3	108.9	144	-193.5
29420	-15.6	110.9	142	-197.0
29430	-14.8	112.8	140	-200.4
29440	-14.1	114.9	138	-203.9
29450	-13.3	116.9	136	-206.5
29460	-12.3	119.0	133	-209.5
29470	-10.7	121.1	131	-212.1
29480	-10.0	123.3	129	-214.3
29490	-10.4	125.4	127	-216.1
29500	-11.1	127.6	125	-218.3
29510	-11.3	129.8	123	-220.1
29520	-11.7	132.0	120	-222.5
29530	-12.7	134.3	118	-224.9
29540	-12.3	136.6	116	-227.6
29550	-10.6	138.8	114	-230.0
29560	-9.2	141.2	111	-231.8
29570	-9.5	143.5	109	-233.4
29580	-10.0	145.8	107	-235.0
29590	-9.9	148.2	104	-236.6
29600	-10.2	150.6	102	-238.5
29610	-11.3	153.0	99	-240.3
29620	-11.4	155.4	97	-243.0
29630	-9.6	157.9	95	-244.9
29640	-8.9	160.3	92	-246.7

29650	-10.2	162.8	90	-248.1
29660	-10.4	165.3	87	-250.2
29670	-10.3	167.8	85	-252.3
29680	-10.6	170.3	82	-253.9
29690	-10.6	172.9	80	-255.8
29700	-10.2	175.5	77	-257.9
29710	-10.0	178.1	74	-259.3
29720	-10.3	180.7	72	-261.4
29730	-9.8	183.3	69	-263.2
29740	-8.7	186.0	66	-264.6
29750	-7.1	188.6	64	-265.9
29760	-5.3	191.3	61	-266.4
29770	-4.9	193.9	59	-266.7
29780	-6.9	196.6	56	-267.0
29790	-8.7	199.3	53	-268.0
29800	-7.7	202.0	50	-269.1
29810	-6.4	204.7	48	-269.9
29820	-3.8	207.4	45	-270.7
29830	-2.6	210.1	42	-270.7
29840	-2.4	212.8	40	-270.2
29850	-2.4	215.5	37	-269.4
29860	-2.2	218.2	34	-268.8
29870	0.4	220.9	32	-268.0
29880	5.8	223.5	29	-265.9
29890	8.7	226.2	26	-262.4
29900	7.1	228.8	24	-259.0
29910	3.9	231.3	21	-255.5
29920	1.9	233.9	19	-253.4
29930	2.4	236.4	16	-251.3
29940	5.2	238.9	14	-249.1
29950	8.5	241.4	11	-245.9
29960	11.1	243.8	9	-241.9
29970	11.5	246.2	6	-237.4
29980	10.7	248.5	4	-232.9
29990	9.5	250.8	2	-228.9
30000	9.9	253.1	-1	-224.6
30010	11.8	255.3	-3	-220.4
30020	13.3	257.5	-5	-215.6
30030	13.8	259.6	-7	-210.5
30040	12.5	261.6	-9	-223.3
30050	0.0	263.3	-11	-172.7
30060	-4.6	264.9	-12	-158.4
30070	-20.9	266.1	-14	-121.9
30080	-34.4	267.2	-15	-103.0
30090	-30.2	268.1	-16	-85.4
30100	-13.6	268.8	-16	-62.5
30110	2.0	269.4	-17	-56.4
30120	2.0	269.9	-17	-41.7
30130	19.4	270.3	-18	-40.4
30140	31.1	270.6	-18	-27.4
30150	30.2	270.8	-18	-19.7
30160	22.4	270.9	-18	-10.3
30170	15.3	271.0	-19	-5.0
30180	13.2	271.0	-19	-0.7

30190	16.8	271.0	-19	0.5
30200	23.3	271.0	-19	4.7
30210	26.2	270.9	-18	9.8
30220	23.9	270.7	-18	18.3
30230	18.6	270.5	-18	24.7
30240	15.1	270.2	-18	26.8
30250	16.4	269.9	-17	37.5
30260	21.3	269.5	-17	42.8
30270	26.8	269.0	-17	49.2
30280	29.2	268.5	-16	57.2
30290	27.4	268.0	-16	59.9
30300	22.5	267.3	-15	60.1
30310	17.5	266.6	-14	80.3
30320	15.7	265.9	-13	77.7
30330	17.9	265.0	-13	73.4
30340	21.2	264.2	-12	78.0
30350	22.5	263.3	-11	83.0
30360	21.7	262.3	-10	88.3
30370	19.4	261.3	-9	93.4
30380	16.8	260.2	-8	108.6
30390	16.5	259.1	-7	113.1
30400	17.6	257.9	-5	117.6
30410	19.1	256.7	-4	122.4
30420	19.9	255.4	-3	127.5
30430	19.5	254.1	-2	132.8
30440	17.4	252.7	0	137.9
30450	16.4	251.3	1	142.4
30460	16.4	249.9	3	146.6
30470	16.7	248.4	4	150.6
30480	16.3	246.8	6	154.9
30490	15.9	245.2	7	158.9
30500	15.5	243.6	9	162.9
30510	15.1	242.0	10	166.6
30520	15.2	240.3	12	170.1
30530	14.4	238.5	14	173.8
30540	13.4	236.8	16	177.3
30550	12.3	235.0	17	180.2
30560	11.3	233.2	19	182.8
30570	11.3	231.3	21	185.2
30580	10.7	229.4	23	187.6
30590	9.5	227.6	25	189.8
30600	8.0	225.6	27	191.6
30610	6.8	223.7	29	193.0
30620	6.0	221.8	31	194.0
30630	5.4	219.8	33	195.1
30640	5.6	217.9	35	195.6
30650	5.3	215.9	37	196.2
30660	5.3	213.9	39	197.2
30670	4.7	212.0	40	197.8
30680	3.5	210.0	42	198.0
30690	3.1	208.0	44	198.3
30700	3.5	206.0	46	198.3
30710	4.7	204.0	48	198.6
30720	5.6	202.0	50	199.1

30730	5.0	200.0	52	199.9
30740	3.7	198.0	54	200.1
30750	3.3	196.0	56	200.1
30760	4.3	194.0	58	200.4
30770	6.0	192.0	60	200.9
30780	6.9	190.0	62	201.7
30790	6.5	188.0	64	202.8
30800	5.7	185.9	67	203.6
30810	4.5	183.9	69	204.1
30820	3.4	181.9	71	204.7
30830	2.0	179.8	73	204.9
30840	2.0	177.8	75	204.4
30850	2.0	175.7	77	204.1
30860	2.2	173.7	79	203.9
30870	2.3	171.6	81	203.3
30880	2.3	169.6	83	203.3
30890	2.4	167.6	85	203.1
30900	2.7	165.6	87	202.5
30910	2.8	163.5	89	202.3
30920	3.3	161.5	91	202.3
30930	4.2	159.5	93	202.5
30940	5.0	157.5	95	202.8
30950	4.7	155.4	97	203.3
30960	3.8	153.4	99	203.6
30970	3.1	151.4	101	203.6
30980	3.0	149.3	103	203.6
30990	3.4	147.3	105	203.6
31000	4.2	145.2	107	203.9
31010	5.2	143.2	109	203.9
31020	6.0	141.2	111	204.7
31030	5.2	139.1	113	205.2
31040	3.9	137.1	115	206.0
31050	3.0	135.0	117	206.0
31060	3.1	132.9	120	205.7
31070	3.1	130.9	122	206.0
31080	3.0	128.8	124	205.7
31090	2.4	126.8	126	205.7
31100	2.2	124.7	128	205.5
31110	2.0	122.6	130	205.2
31120	2.0	120.6	132	204.7
31130	2.0	118.6	134	204.4
31140	1.9	116.5	136	204.1
31150	1.8	114.5	138	203.6
31160	0.4	112.4	140	203.1
31170	-4.1	110.4	142	201.7
31180	-6.0	108.4	144	199.4
31190	-3.4	106.4	146	197.0
31200	0.0	104.5	148	195.4
31210	0.4	102.5	150	194.6
31220	-0.3	100.6	152	193.5
31230	-1.9	98.7	154	192.2
31240	-3.4	96.8	156	190.6
31250	-4.3	94.9	158	188.7
31260	-5.3	93.0	159	186.6

31270	-5.3	91.1	161	183.9
31280	-5.2	89.3	163	181.8
31290	-5.8	87.5	165	179.1
31300	-8.0	85.8	167	176.5
31310	-9.9	84.1	168	155.2
31320	-1.9	82.5	170	161.5
31330	2.2	81.3	171	127.5
31340	4.6	80.1	172	109.6
31350	12.9	79.1	173	84.6
31360	12.5	78.3	174	81.1
31370	3.3	77.6	175	69.4
31380	-0.5	77.0	175	58.5
31390	-7.7	76.4	176	50.0
31400	-20.6	76.0	176	36.4
31410	-25.1	75.7	177	33.0
31420	-28.2	75.4	177	28.4
31430	-27.9	75.2	177	18.1
31440	-24.4	75.1	177	10.6
31450	-22.5	75.0	177	3.9
31460	-23.9	75.0	177	-2.1
31470	-27.9	75.0	177	-5.5
31480	-31.3	75.2	177	-11.7
31490	-32.4	75.3	177	-19.4
31500	-30.9	75.6	177	-27.1
31510	-29.3	76.0	176	-34.8
31520	-29.7	76.4	176	-42.0
31530	-32.0	77.0	175	-60.9
31540	-34.4	77.6	175	-63.8
31550	-34.8	78.3	174	-65.7
31560	-31.5	79.1	173	-75.3
31570	-26.2	80.0	172	-81.9
31580	-22.1	80.9	172	-87.5
31590	-21.6	82.0	170	-92.9
31600	-23.7	83.1	169	-120.0
31610	-26.2	84.2	168	-126.7
31620	-26.3	85.4	167	-134.4
31630	-24.4	86.7	166	-128.8
31640	-21.6	88.0	164	-135.7
31650	-19.0	89.4	163	-141.0
31660	-18.2	90.9	162	-146.4
31670	-17.5	92.4	160	-150.9
31680	-17.0	93.9	159	-155.4
31690	-16.4	95.5	157	-159.7
31700	-16.0	97.2	155	-163.7
31710	-15.2	98.8	154	-167.7
31720	-14.8	100.5	152	-171.1
31730	-14.2	102.3	150	-175.1
31740	-14.1	104.0	148	-178.3
31750	-14.0	105.9	147	-181.5
31760	-13.6	107.7	145	-185.0
31770	-12.2	109.6	143	-188.2
31780	-10.0	111.5	141	-190.6
31790	-9.6	113.4	139	-193.0
31800	-10.4	115.3	137	-195.1

31810	-11.7	117.3	135	-197.5
31820	-12.1	119.3	133	-199.6
31830	-11.3	121.3	131	-202.3
31840	-10.7	123.4	129	-204.7
31850	-10.6	125.4	127	-206.8
31860	-10.6	127.5	125	-208.7
31870	-9.9	129.6	123	-211.1
31880	-9.6	131.7	121	-212.9
31890	-10.6	133.9	119	-214.8
31900	-10.8	136.0	116	-216.9
31910	-10.2	138.2	114	-219.1
31920	-9.8	140.4	112	-220.9
31930	-10.3	142.6	110	-222.5
31940	-11.4	144.9	108	-224.9
31950	-10.7	147.2	105	-227.0
31960	-10.0	149.4	103	-229.2
31970	-10.8	151.7	101	-230.8
31980	-11.0	154.1	98	-232.9
31990	-10.4	156.4	96	-235.0
32000	-9.1	158.8	94	-236.9
32010	-10.3	161.2	91	-238.8
32020	-11.4	163.6	89	-240.3
32030	-11.5	166.0	86	-242.7
32040	-11.0	168.4	84	-244.9
32050	-10.4	170.9	82	-246.7
32060	-9.9	173.4	79	-248.6
32070	-9.4	175.9	77	-250.5
32080	-9.2	178.4	74	-252.1
32090	-9.6	180.9	72	-253.7
32100	-9.9	183.5	69	-255.3
32110	-9.8	186.0	66	-257.1
32120	-8.7	188.6	64	-258.5
32130	-6.4	191.2	61	-259.8
32140	-4.6	193.8	59	-260.6
32150	-5.7	196.4	56	-260.8
32160	-7.7	199.1	53	-261.4
32170	-8.3	201.7	51	-262.2
32180	-8.4	204.3	48	-263.5
32190	-6.5	207.0	45	-264.6
32200	-3.8	209.6	43	-265.4
32210	-2.6	212.3	40	-265.4
32220	-2.6	214.9	38	-265.1
32230	-2.4	217.6	35	-264.3
32240	-2.6	220.2	32	-264.0
32250	-2.3	222.8	30	-263.2
32260	-1.8	225.5	27	-262.7
32270	2.6	228.1	24	-261.4
32280	7.6	230.7	22	-258.5
32290	7.5	233.2	19	-255.3
32300	4.3	235.8	17	-252.1
32310	1.4	238.3	14	-249.7
32320	0.8	240.8	12	-248.3
32330	3.5	243.2	9	-246.5
32340	7.2	245.7	7	-244.1

32350	9.8	248.1	4	-240.3
32360	9.9	250.5	2	-236.1
32370	9.8	252.8	0	-232.4
32380	10.2	255.1	-3	-227.8
32390	10.8	257.3	-5	-223.8
32400	11.5	259.5	-7	-219.3
32410	12.1	261.7	-9	-233.2
32420	-0.4	263.5	-11	-179.1
32430	-5.3	265.1	-13	-163.1
32440	-22.6	266.3	-14	-124.0
32450	-35.8	267.4	-15	-104.0
32460	-30.9	268.3	-16	-85.7
32470	-13.6	269.0	-17	-63.0
32480	1.2	269.7	-17	-60.6
32490	1.4	270.1	-18	-45.2
32500	16.7	270.5	-18	-39.4
32510	28.5	270.8	-18	-26.6
32520	29.0	271.0	-19	-19.9
32530	23.1	271.1	-19	-10.1
32540	16.8	271.2	-19	-4.2
32550	14.8	271.2	-19	0.0
32560	18.7	271.2	-19	0.7
32570	24.1	271.1	-19	6.1
32580	26.0	271.0	-19	11.4
32590	23.9	270.8	-18	17.8
32600	19.1	270.6	-18	23.6
32610	16.1	270.3	-18	34.0
32620	17.9	269.9	-17	39.6
32630	22.6	269.5	-17	45.5
32640	27.0	269.1	-17	51.3
32650	27.8	268.5	-16	60.1
32660	25.6	268.0	-16	61.7
32670	22.0	267.3	-15	62.0
32680	19.3	266.5	-14	82.2
32690	19.1	265.8	-13	79.8
32700	21.4	264.9	-12	76.1
32710	23.5	264.0	-12	81.4
32720	23.3	263.0	-11	106.2
32730	21.3	262.0	-10	111.2
32740	18.4	261.0	-9	118.7
32750	16.7	259.8	-7	123.7
32760	17.0	258.7	-6	117.1
32770	18.4	257.5	-5	121.6
32780	19.7	256.2	-4	126.7
32790	20.1	254.9	-2	132.0
32800	18.2	253.6	-1	137.1
32810	16.4	252.2	0	141.8
32820	15.6	250.7	2	146.1
32830	15.3	249.2	3	149.8
32840	15.3	247.7	5	153.8
32850	15.6	246.1	6	157.6
32860	15.3	244.5	8	161.5
32870	14.9	242.9	10	165.3
32880	14.1	241.2	11	169.0

32890	13.2	239.5	13	172.2
32900	12.5	237.7	15	175.4
32910	12.3	235.9	17	178.3
32920	11.9	234.1	18	181.2
32930	11.8	232.3	20	184.2
32940	11.4	230.4	22	186.6
32950	10.4	228.5	24	189.2
32960	9.4	226.6	26	191.1
32970	8.8	224.7	28	193.2
32980	8.7	222.8	30	195.4
32990	8.0	220.8	32	196.4
33000	7.6	218.8	34	198.0
33010	7.1	216.8	36	199.1
33020	7.3	214.8	38	200.4
33030	7.9	212.8	40	201.7
33040	7.2	210.8	42	203.1
33050	6.1	208.8	44	204.1
33060	5.2	206.7	46	204.7
33070	5.3	204.7	48	205.2
33080	6.0	202.6	50	205.7
33090	6.0	200.5	52	206.8
33100	4.6	198.5	54	207.3
33110	3.5	196.4	56	207.6
33120	3.7	194.3	58	207.6
33130	4.1	192.2	60	207.9
33140	4.3	190.2	62	207.9
33150	4.3	188.1	64	208.4
33160	3.9	186.0	66	208.7
33170	3.0	183.9	69	208.7
33180	2.3	181.8	71	208.7
33190	2.0	179.7	73	208.4
33200	2.2	177.6	75	207.9
33210	2.2	175.6	77	207.6
33220	2.2	173.5	79	207.3
33230	2.2	171.4	81	207.1
33240	2.0	169.4	83	206.8
33250	2.0	167.3	85	206.3
33260	2.0	165.2	87	205.7
33270	2.0	163.2	89	205.5
33280	2.0	161.1	91	205.2
33290	2.0	159.1	93	204.9
33300	1.9	157.0	95	204.4
33310	2.2	155.0	97	204.1
33320	2.2	152.9	100	203.6
33330	2.3	150.9	102	203.6
33340	2.2	148.9	104	203.3
33350	2.3	146.8	106	202.5
33360	2.3	144.8	108	202.5
33370	2.3	142.8	110	202.3
33380	2.3	140.8	112	202.0
33390	2.4	138.8	114	201.7
33400	2.7	136.7	116	201.5
33410	3.4	134.7	118	201.5
33420	4.3	132.7	120	201.5

33430	4.3	130.7	122	201.5
33440	3.3	128.7	124	201.7
33450	2.0	126.7	126	202.0
33460	1.9	124.6	128	201.5
33470	1.9	122.6	130	200.9
33480	1.8	120.6	132	200.9
33490	1.1	118.6	134	200.1
33500	-2.7	116.6	136	199.4
33510	-5.7	114.6	138	197.2
33520	-4.6	112.7	140	194.6
33530	-2.3	110.8	142	192.7
33540	-0.3	108.8	144	191.1
33550	0.4	106.9	146	190.3
33560	-1.1	105.0	147	189.2
33570	-4.1	103.2	149	187.6
33580	-5.3	101.3	151	185.5
33590	-3.9	99.5	153	183.1
33600	-1.9	97.6	155	181.5
33610	-1.6	95.8	157	180.2
33620	-3.7	94.0	158	178.6
33630	-5.8	92.3	160	176.5
33640	-6.9	90.5	162	173.5
33650	-6.0	88.8	164	170.9
33660	-4.9	87.1	165	168.5
33670	-4.7	85.5	167	166.1
33680	-3.1	83.8	169	174.1
33690	2.2	82.5	170	138.4
33700	10.2	81.2	171	107.5
33710	25.2	80.1	172	104.8
33720	30.0	79.2	173	90.5
33730	20.7	78.4	174	78.8
33740	6.4	77.7	175	67.0
33750	0.0	77.1	175	57.2
33760	-2.2	76.6	176	49.2
33770	-13.6	76.1	176	41.2
33780	-19.9	75.8	177	30.6
33790	-20.2	75.5	177	27.9
33800	-18.3	75.3	177	19.9
33810	-14.9	75.1	177	19.4
33820	-13.4	74.9	178	13.5
33830	-14.8	74.8	178	9.5
33840	-18.7	74.8	178	4.7
33850	-22.1	74.7	178	-0.7
33860	-26.3	74.8	178	-3.9
33870	-30.5	74.9	178	-10.6
33880	-33.6	75.0	177	-17.0
33890	-34.7	75.3	177	-25.2
33900	-33.9	75.6	177	-33.8
33910	-32.0	76.1	176	-42.3
33920	-31.1	76.6	176	-50.3
33930	-31.2	77.3	175	-70.8
33940	-30.6	77.9	175	-72.6
33950	-29.6	78.7	174	-72.6
33960	-27.8	79.6	173	-80.1

33970	-26.3	80.5	172	-86.5
33980	-25.6	81.5	171	-92.3
33990	-26.0	82.7	170	-120.8
34000	-27.4	83.8	169	-128.0
34010	-28.5	85.0	167	-111.2
34020	-28.1	86.3	166	-131.2
34030	-25.6	87.7	165	-138.9
34040	-22.2	89.2	163	-145.3
34050	-19.9	90.7	162	-151.7
34060	-18.8	92.2	160	-156.2
34070	-18.8	93.8	159	-161.3
34080	-20.3	95.5	157	-165.8
34090	-21.0	97.2	155	-171.1
34100	-20.1	98.9	154	-176.7
34110	-17.6	100.7	152	-181.5
34120	-14.9	102.6	150	-185.8
34130	-13.3	104.4	148	-189.2
34140	-13.3	106.4	146	-192.2
34150	-14.0	108.3	144	-195.1
34160	-13.6	110.3	142	-198.3
34170	-12.3	112.3	140	-201.5
34180	-11.8	114.3	138	-204.1
34190	-12.3	116.4	136	-206.5
34200	-12.7	118.5	134	-209.2
34210	-12.1	120.6	132	-212.1
34220	-11.0	122.7	130	-214.5
34230	-10.4	124.9	128	-216.7
34240	-10.2	127.1	125	-218.3
34250	-10.2	129.3	123	-220.6
34260	-10.3	131.5	121	-222.5
34270	-11.0	133.7	119	-224.9
34280	-11.0	136.0	116	-226.5
34290	-10.0	138.3	114	-228.6
34300	-9.6	140.6	112	-230.2
34310	-10.7	142.9	110	-232.4
34320	-11.5	145.2	107	-234.5
34330	-10.6	147.6	105	-237.2
34340	-10.4	150.0	102	-239.0
34350	-11.3	152.4	100	-240.9
34360	-11.5	154.8	98	-243.3
34370	-10.0	157.3	95	-245.1
34380	-9.4	159.7	93	-247.0
34390	-10.7	162.2	90	-248.6
34400	-11.8	164.7	88	-250.5
34410	-11.7	167.2	85	-252.9
34420	-11.4	169.8	83	-255.0
34430	-11.4	172.4	80	-257.4
34440	-10.3	174.9	78	-259.0
34450	-9.1	177.5	75	-260.8
34460	-8.1	180.2	72	-262.4
34470	-8.4	182.8	70	-263.5
34480	-9.4	185.4	67	-264.3
34490	-11.0	188.1	64	-265.9
34500	-9.8	190.8	62	-267.8

34510	-7.2	193.5	59	-268.6
34520	-5.4	196.1	56	-269.6
34530	-5.6	198.8	54	-269.9
34540	-5.0	201.5	51	-270.2
34550	-5.0	204.3	48	-270.4
34560	-4.2	207.0	45	-270.4
34570	-2.8	209.7	43	-270.4
34580	-2.4	212.4	40	-270.2
34590	-2.6	215.1	37	-269.6
34600	-2.4	217.8	35	-268.8
34610	-2.2	220.4	32	-268.3
34620	1.8	223.1	29	-267.0
34630	8.0	225.8	27	-264.8
34640	10.6	228.4	24	-260.8
34650	8.5	231.0	21	-256.3
34660	5.0	233.5	19	-253.1
34670	3.5	236.0	16	-250.5
34680	4.9	238.5	14	-248.1
34690	7.3	241.0	11	-244.9
34700	10.4	243.4	9	-241.4
34710	11.5	245.8	7	-236.9
34720	10.3	248.1	4	-232.1
34730	8.7	250.4	2	-228.4
34740	8.7	252.7	0	-224.6
34750	11.1	254.9	-2	-220.9
34760	13.6	257.0	-5	-216.1
34770	15.2	259.2	-7	-210.8
34780	15.7	261.1	-9	-184.7
34790	5.3	263.0	-11	-158.6
34800	-3.0	264.6	-12	-149.3
34810	-16.1	265.9	-13	-137.3
34820	-33.6	267.0	-15	-105.9
34830	-33.1	267.9	-15	-88.6
34840	-18.0	268.7	-16	-72.9
34850	1.2	269.3	-17	-52.7
34860	1.9	269.8	-17	-48.4
34870	18.6	270.2	-18	-38.6
34880	33.1	270.5	-18	-30.8
34890	32.0	270.7	-18	-18.6
34900	22.1	270.9	-18	-11.1
34910	14.4	270.9	-18	-5.0
34920	11.4	270.9	-18	-1.3
34930	14.9	270.9	-18	0.0
34940	22.6	270.9	-18	3.4
34950	27.4	270.8	-18	8.7
34960	26.2	270.7	-18	17.3
34970	20.2	270.4	-18	24.2
34980	14.8	270.2	-18	26.8
34990	14.8	269.8	-17	37.2
35000	19.4	269.4	-17	41.7
35010	25.4	269.0	-17	47.9
35020	28.5	268.5	-16	55.3
35030	26.8	268.0	-16	57.7
35040	22.0	267.4	-15	58.5

35050	16.4	266.6	-14	77.7
35060	14.2	265.9	-13	75.0
35070	16.5	265.2	-13	70.8
35080	21.2	264.3	-12	75.0
35090	24.3	263.5	-11	80.6
35100	24.5	262.5	-10	85.9
35110	22.0	261.5	-9	112.0
35120	18.7	260.4	-8	118.4
35130	16.8	259.3	-7	112.3
35140	17.5	258.1	-6	117.1
35150	19.3	256.9	-4	121.6
35160	21.0	255.7	-3	126.9
35170	21.2	254.4	-2	132.8
35180	19.3	253.0	-1	138.1
35190	17.2	251.6	1	143.4
35200	16.0	250.1	2	147.7
35210	16.1	248.6	4	151.7
35220	16.7	247.0	5	156.0
35230	17.6	245.4	7	160.2
35240	17.9	243.8	9	164.7
35250	17.5	242.1	10	169.0
35260	16.7	240.4	12	173.3
35270	14.9	238.6	14	177.3
35280	13.4	236.8	16	181.0
35290	12.5	235.0	17	183.9
35300	12.2	233.2	19	186.8
35310	12.3	231.3	21	189.5
35320	12.3	229.3	23	192.2
35330	12.3	227.4	25	194.8
35340	11.9	225.4	27	197.5
35350	11.4	223.4	29	200.1
35360	10.4	221.4	31	202.3
35370	9.1	219.4	33	204.4
35380	8.3	217.3	35	205.7
35390	8.4	215.3	37	207.3
35400	9.2	213.2	39	208.9
35410	9.5	211.1	41	210.5
35420	9.5	208.9	44	212.7
35430	8.8	206.8	46	214.3
35440	8.9	204.6	48	215.9
35450	9.5	202.5	50	217.5
35460	8.4	200.3	52	219.3
35470	6.6	198.1	54	220.6
35480	5.6	195.9	57	221.2
35490	4.7	193.7	59	222.0
35500	3.3	191.4	61	222.0
35510	2.4	189.2	63	222.0
35520	2.7	187.0	65	222.0
35530	3.7	184.8	68	221.7
35540	5.8	182.6	70	221.4
35550	6.1	180.3	72	222.2
35560	3.8	178.1	74	223.0
35570	2.2	175.9	77	223.0
35580	2.0	173.6	79	222.5

35590	2.0	171.4	81	222.2
35600	2.0	169.2	83	222.0
35610	1.9	167.0	85	221.2
35620	1.2	164.8	88	220.6
35630	-1.6	162.6	90	219.9
35640	-2.8	160.4	92	218.0
35650	-1.4	158.2	94	216.4
35660	0.7	156.1	96	215.1
35670	2.6	153.9	99	214.5
35680	2.4	151.8	101	214.0
35690	2.3	149.6	103	213.7
35700	2.2	147.5	105	213.5
35710	2.0	145.4	107	213.2
35720	1.8	143.2	109	212.7
35730	0.8	141.1	111	211.9
35740	-1.4	139.0	113	210.8
35750	-2.2	136.9	116	209.5
35760	-0.1	134.8	118	208.1
35770	1.9	132.8	120	207.3
35780	2.0	130.7	122	206.8
35790	1.8	128.6	124	206.5
35800	0.9	126.5	126	206.0
35810	0.0	124.5	128	205.2
35820	-1.1	122.4	130	203.9
35830	-1.5	120.4	132	202.5
35840	-0.5	118.4	134	201.2
35850	0.5	116.4	136	200.4
35860	0.7	114.4	138	199.6
35870	-0.3	112.4	140	198.8
35880	-2.2	110.4	142	197.5
35890	-3.1	108.5	144	195.9
35900	-2.2	106.5	146	194.0
35910	-1.8	104.6	148	192.7
35920	-2.7	102.7	150	191.1
35930	-4.1	100.8	152	189.2
35940	-4.6	98.9	154	186.8
35950	-4.6	97.0	155	185.2
35960	-4.7	95.2	157	182.6
35970	-5.6	93.4	159	180.4
35980	-6.1	91.6	161	178.1
35990	-6.1	89.9	163	175.1
36000	-5.8	88.1	164	172.5
36010	-6.0	86.4	166	169.8
36020	-6.8	84.8	168	150.4
36030	-1.4	83.2	169	165.8
36040	2.7	81.9	171	131.2
36050	11.8	80.7	172	113.9
36060	23.6	79.6	173	108.8
36070	23.5	78.8	174	85.9
36080	12.9	78.0	174	73.7
36090	1.1	77.4	175	62.8
36100	0.0	76.8	176	53.5
36110	-2.2	76.3	176	45.7
36120	-11.8	75.9	177	38.8

36130	-18.3	75.6	177	32.2
36140	-19.1	75.3	177	29.0
36150	-18.2	75.1	177	21.2
36160	-16.8	74.9	178	14.3
36170	-16.0	74.8	178	12.5
36180	-17.0	74.7	178	7.1
36190	-19.0	74.7	178	1.5
36200	-22.0	74.7	178	-1.3
36210	-25.8	74.7	178	-6.6
36220	-31.3	74.9	178	-15.1
36230	-35.4	75.1	177	-25.0
36240	-36.3	75.4	177	-31.9
36250	-35.0	75.7	177	-42.0
36260	-32.3	76.2	176	-46.3
36270	-30.0	76.8	176	-54.8
36280	-28.3	77.5	175	-75.8
36290	-28.2	78.2	174	-76.1
36300	-27.9	79.0	173	-75.3
36310	-26.4	79.9	173	-82.2
36320	-24.7	80.9	172	-88.3
36330	-23.9	81.9	171	-95.5
36340	-24.3	83.0	169	-99.8
36350	-25.9	84.2	168	-105.6
36360	-26.4	85.5	167	-124.5
36370	-24.7	86.8	166	-131.5
36380	-20.9	88.1	164	-137.9
36390	-17.1	89.6	163	-143.2
36400	-15.2	91.0	161	-148.0
36410	-15.2	92.5	160	-151.7
36420	-16.5	94.1	158	-155.4
36430	-18.3	95.7	157	-159.7
36440	-18.6	97.3	155	-164.2
36450	-17.0	99.0	153	-169.0
36460	-14.1	100.7	152	-172.7
36470	-11.8	102.4	150	-176.2
36480	-10.8	104.2	148	-179.1
36490	-11.1	106.0	146	-181.2
36500	-12.3	107.9	145	-183.6
36510	-12.2	109.7	143	-186.6
36520	-11.3	111.6	141	-189.2
36530	-11.1	113.5	139	-191.6
36540	-11.7	115.5	137	-194.3
36550	-11.9	117.4	135	-197.0
36560	-11.5	119.4	133	-199.4
36570	-10.0	121.4	131	-202.0
36580	-9.2	123.5	129	-204.1
36590	-9.4	125.5	127	-206.0
36600	-9.8	127.6	125	-207.6
36610	-9.8	129.7	123	-209.5
36620	-10.6	131.8	121	-211.6
36630	-12.2	133.9	119	-213.7
36640	-12.3	136.1	116	-216.1
36650	-11.0	138.3	114	-218.5
36660	-9.8	140.5	112	-220.6

36670	-9.8	142.7	110	-222.5
36680	-10.8	144.9	108	-224.4
36690	-10.6	147.2	105	-226.8
36700	-10.4	149.5	103	-228.6
36710	-11.9	151.8	101	-230.8
36720	-12.5	154.1	98	-233.2
36730	-11.7	156.4	96	-235.8
36740	-10.0	158.8	94	-238.0
36750	-11.0	161.2	91	-239.6
36760	-11.7	163.6	89	-241.4
36770	-11.8	166.1	86	-244.1
36780	-11.4	168.5	84	-246.2
36790	-11.3	171.0	81	-248.3
36800	-11.0	173.5	79	-250.7
36810	-10.3	176.0	76	-252.6
36820	-10.0	178.5	74	-254.5
36830	-10.4	181.1	71	-256.1
36840	-9.9	183.7	69	-258.5
36850	-10.2	186.3	66	-260.0
36860	-9.5	188.9	64	-262.2
36870	-8.3	191.5	61	-263.8
36880	-7.1	194.2	58	-264.6
36890	-7.9	196.8	56	-265.9
36900	-8.1	199.5	53	-267.0
36910	-7.5	202.2	50	-267.8
36920	-6.8	204.9	48	-269.1
36930	-5.2	207.6	45	-269.9
36940	-3.0	210.3	42	-269.9
36950	-2.6	213.0	39	-269.6
36960	-2.6	215.7	37	-268.8
36970	-2.4	218.3	34	-268.6
36980	-2.4	221.0	31	-268.0
36990	-2.0	223.7	29	-267.5
37000	1.5	226.4	26	-266.4
37010	7.7	229.0	23	-264.3
37020	9.5	231.6	21	-260.3
37030	5.8	234.2	18	-256.3
37040	1.5	236.8	16	-253.7
37050	-0.1	239.3	13	-252.3
37060	2.0	241.8	11	-250.7
37070	6.6	244.3	8	-248.9
37080	10.4	246.8	6	-245.1
37090	11.7	249.2	3	-240.6
37100	10.2	251.5	1	-236.1
37110	9.1	253.9	-1	-232.4
37120	8.3	256.2	-4	-228.1
37130	8.9	258.4	-6	-224.6
37140	10.4	260.5	-8	-198.6
37150	5.4	262.6	-10	-179.1
37160	-3.1	264.3	-12	-165.5
37170	-21.7	265.9	-13	-136.3
37180	-43.7	267.0	-15	-114.7
37190	-46.1	268.0	-16	-94.7
37200	-30.9	268.8	-16	-84.3

37210	-11.0	269.4	-17	-61.4
37220	0.5	270.0	-18	-49.2
37230	3.1	270.4	-18	-35.9
37240	17.1	270.7	-18	-31.6
37250	25.6	271.0	-19	-21.2
37260	25.4	271.2	-19	-17.8
37270	19.1	271.3	-19	-9.8
37280	14.0	271.3	-19	-5.5
37290	14.1	271.4	-19	-1.3
37300	18.4	271.4	-19	0.2
37310	24.0	271.3	-19	4.2
37320	23.9	271.3	-19	9.8
37330	19.4	271.1	-19	15.7
37340	13.8	270.9	-18	24.7
37350	11.9	270.6	-18	26.3
37360	15.1	270.3	-18	26.6
37370	21.2	270.0	-18	33.8
37380	26.7	269.6	-17	43.9
37390	27.9	269.2	-17	51.9
37400	25.4	268.7	-16	54.5
37410	20.7	268.0	-16	67.0
37420	17.8	267.4	-15	66.2
37430	17.2	266.7	-14	64.1
37440	19.4	266.0	-14	69.7
37450	22.8	265.2	-13	72.9
37460	24.7	264.3	-12	78.8
37470	23.6	263.4	-11	84.9
37480	20.5	262.3	-10	109.9
37490	17.8	261.3	-9	115.5
37500	16.8	260.2	-8	120.8
37510	18.4	259.1	-7	114.2
37520	20.7	257.9	-5	119.2
37530	21.7	256.7	-4	124.8
37540	20.7	255.4	-3	130.7
37550	18.3	254.0	-2	136.3
37560	15.9	252.6	0	141.0
37570	15.9	251.2	1	145.0
37580	16.8	249.7	3	149.0
37590	18.0	248.2	4	153.3
37600	18.3	246.6	6	158.4
37610	17.6	245.0	7	162.9
37620	16.3	243.3	9	166.9
37630	15.6	241.6	11	171.1
37640	15.2	239.9	13	174.6
37650	14.5	238.1	14	178.6
37660	14.1	236.3	16	181.8
37670	14.0	234.5	18	185.0
37680	13.7	232.6	20	188.4
37690	13.3	230.7	22	191.6
37700	11.8	228.8	24	194.6
37710	10.8	226.8	26	197.0
37720	10.2	224.8	28	199.4
37730	10.2	222.8	30	201.5
37740	9.8	220.8	32	203.3

37750	9.6	218.7	34	205.2
37760	9.2	216.6	36	207.1
37770	8.7	214.6	38	208.7
37780	8.1	212.5	40	210.5
37790	6.4	210.4	42	211.6
37800	4.9	208.2	44	212.4
37810	3.8	206.1	46	212.9
37820	3.8	204.0	48	212.9
37830	3.9	201.8	51	213.2
37840	3.8	199.7	53	213.5
37850	3.5	197.6	55	213.5
37860	4.7	195.4	57	213.5
37870	5.7	193.3	59	214.0
37880	4.9	191.2	61	214.5
37890	2.7	189.0	63	214.8
37900	2.2	186.9	66	214.5
37910	2.0	184.7	68	214.0
37920	2.2	182.6	70	214.0
37930	2.0	180.4	72	213.7
37940	2.0	178.3	74	213.2
37950	2.0	176.2	76	212.7
37960	2.0	174.1	78	212.4
37970	2.0	171.9	81	211.9
37980	1.9	169.8	83	211.3
37990	1.8	167.7	85	210.8
38000	0.9	165.6	87	210.5
38010	0.0	163.5	89	209.5
38020	0.1	161.4	91	208.4
38030	1.4	159.3	93	207.6
38040	1.9	157.3	95	207.3
38050	2.4	155.2	97	206.8
38060	2.3	153.1	99	206.5
38070	2.2	151.1	101	206.3
38080	2.2	149.0	103	206.0
38090	2.2	146.9	106	205.5
38100	2.2	144.9	108	205.2
38110	2.0	142.8	110	204.9
38120	2.0	140.8	112	204.7
38130	1.9	138.7	114	204.4
38140	1.8	136.7	116	203.6
38150	1.2	134.7	118	203.6
38160	0.8	132.6	120	202.5
38170	0.0	130.6	122	201.7
38180	-0.5	128.6	124	200.7
38190	-0.3	126.6	126	199.9
38200	0.7	124.6	128	198.8
38210	0.7	122.6	130	198.0
38220	-0.4	120.7	132	197.0
38230	-1.5	118.7	134	196.2
38240	-0.8	116.7	136	194.8
38250	0.0	114.8	138	193.8
38260	0.1	112.9	140	192.7
38270	-1.1	111.0	141	191.6
38280	-2.4	109.0	143	190.6

38290	-2.3	107.2	145	188.7
38300	-2.0	105.3	147	187.4
38310	-2.2	103.4	149	186.0
38320	-1.9	101.6	151	184.2
38330	-1.8	99.7	153	182.6
38340	-1.4	97.9	155	181.5
38350	-1.8	96.1	156	180.2
38360	-2.4	94.3	158	178.9
38370	-3.5	92.5	160	177.0
38380	-3.9	90.8	162	174.9
38390	-3.3	89.1	163	173.3
38400	-3.4	87.3	165	171.1
38410	-4.2	85.6	167	169.3
38420	-4.3	84.1	168	163.7
38430	2.6	82.6	170	127.7
38440	3.8	81.3	171	122.9
38450	15.2	80.2	172	107.0
38460	24.0	79.2	173	83.3
38470	19.7	78.4	174	80.3
38480	8.0	77.7	175	68.4
38490	-0.5	77.1	175	58.0
38500	-0.7	76.5	176	54.8
38510	-9.6	76.1	176	37.8
38520	-18.6	75.7	177	34.6
38530	-21.3	75.4	177	31.4
38540	-21.8	75.2	177	22.6
38550	-20.9	75.0	177	14.9
38560	-19.5	74.9	178	11.7
38570	-20.1	74.8	178	5.0
38580	-21.6	74.8	178	-0.7
38590	-24.4	74.9	178	-3.1
38600	-27.8	74.9	178	-11.1
38610	-30.4	75.1	177	-19.4
38620	-31.3	75.3	177	-25.8
38630	-32.1	75.6	177	-30.6
38640	-33.1	76.0	176	-38.6
38650	-33.5	76.6	176	-57.5
38660	-33.1	77.1	175	-61.2
38670	-31.6	77.8	175	-70.2
38680	-28.9	78.6	174	-70.5
38690	-26.0	79.4	173	-78.0
38700	-24.1	80.3	172	-84.1
38710	-24.4	81.4	171	-109.4
38720	-26.0	82.4	170	-115.2
38730	-27.1	83.5	169	-124.3
38740	-27.5	84.7	168	-132.3
38750	-26.2	86.0	166	-140.2
38760	-24.1	87.3	165	-134.4
38770	-22.0	88.7	164	-141.0
38780	-20.6	90.1	162	-146.4
38790	-19.3	91.7	161	-151.7
38800	-19.3	93.2	159	-157.0
38810	-19.1	94.8	158	-161.5
38820	-19.8	96.5	156	-166.9

38830	-19.9	98.2	154	-171.9
38840	-19.0	99.9	153	-177.0
38850	-17.2	101.7	151	-182.0
38860	-15.2	103.6	149	-186.0
38870	-14.2	105.5	147	-189.8
38880	-14.6	107.4	145	-193.0
38890	-14.4	109.4	143	-196.4
38900	-13.4	111.4	141	-199.6
38910	-13.2	113.4	139	-202.8
38920	-13.6	115.4	137	-206.0
38930	-14.1	117.5	135	-208.9
38940	-13.8	119.6	133	-211.9
38950	-12.6	121.8	131	-215.1
38960	-11.9	123.9	129	-217.7
38970	-11.8	126.1	126	-220.4
38980	-11.5	128.4	124	-222.8
38990	-10.8	130.6	122	-224.9
39000	-11.1	132.9	120	-227.0
39010	-11.9	135.2	117	-229.2
39020	-12.1	137.5	115	-231.8
39030	-11.1	139.8	113	-234.5
39040	-10.8	142.2	110	-236.6
39050	-12.1	144.5	108	-239.0
39060	-11.9	147.0	105	-241.1
39070	-10.7	149.4	103	-243.3
39080	-11.3	151.8	101	-245.4
39090	-11.4	154.3	98	-247.5
39100	-11.0	156.8	96	-249.7
39110	-10.3	159.3	93	-251.3
39120	-11.9	161.8	91	-253.4
39130	-13.4	164.4	88	-255.5
39140	-13.6	167.0	85	-257.9
39150	-13.0	169.6	83	-260.3
39160	-12.5	172.2	80	-263.0
39170	-11.7	174.8	78	-265.4
39180	-11.4	177.5	75	-267.5
39190	-11.5	180.2	72	-269.6
39200	-11.8	182.9	70	-272.0
39210	-11.4	185.6	67	-273.9
39220	-11.0	188.4	64	-275.8
39230	-8.4	191.2	61	-277.4
39240	-5.3	194.0	58	-278.4
39250	-5.3	196.7	56	-278.4
39260	-6.6	199.5	53	-278.7
39270	-7.9	202.3	50	-279.2
39280	-8.9	205.1	47	-280.3
39290	-7.6	207.9	45	-281.6
39300	-3.7	210.8	42	-282.7
39310	-2.6	213.6	39	-282.1
39320	-2.6	216.4	36	-281.6
39330	-2.6	219.2	33	-281.1
39340	-2.4	222.0	30	-280.5
39350	-2.0	224.8	28	-280.0
39360	2.0	227.6	25	-278.7

39370	7.6	230.4	22	-276.6
39380	8.8	233.1	19	-272.6
39390	6.1	235.8	17	-269.1
39400	3.0	238.5	14	-266.2
39410	1.8	241.1	11	-264.0
39420	3.5	243.8	9	-262.2
39430	5.8	246.4	6	-259.5
39440	8.3	248.9	4	-256.1
39450	8.8	251.5	1	-252.1
39460	9.5	254.0	-2	-248.6
39470	9.5	256.4	-4	-244.6
39480	9.5	258.8	-6	-240.3
39490	10.2	261.2	-9	-236.1
39500	-0.1	263.2	-11	-204.4
39510	-8.1	265.1	-13	-181.5
39520	-31.7	266.4	-14	-135.7
39530	-48.4	267.6	-15	-111.8
39540	-46.4	268.5	-16	-90.2
39550	-27.9	269.3	-17	-64.1
39560	-6.2	269.9	-17	-55.6
39570	0.5	270.4	-18	-39.1
39580	2.3	270.7	-18	-35.1
39590	15.6	271.0	-19	-24.2
39600	23.5	271.2	-19	-19.4
39610	25.0	271.4	-19	-11.1
39620	20.3	271.4	-19	-5.5
39630	14.9	271.5	-19	-0.2
39640	15.2	271.5	-19	0.2
39650	18.2	271.4	-19	4.2
39660	19.8	271.4	-19	7.9
39670	18.8	271.2	-19	13.0
39680	15.3	271.0	-19	17.5
39690	12.5	270.8	-18	25.8
39700	12.7	270.6	-18	26.8
39710	16.4	270.3	-18	30.6
39720	22.0	269.9	-17	31.6
39730	25.6	269.5	-17	41.2
39740	25.2	269.0	-17	52.9
39750	21.8	268.5	-16	54.8
39760	17.8	267.9	-15	54.3
39770	15.5	267.3	-15	71.6
39780	15.9	266.6	-14	76.4
39790	17.9	265.8	-13	81.1
39800	20.3	265.1	-13	78.5
39810	21.4	264.3	-12	75.6
39820	20.2	263.4	-11	80.3
39830	17.6	262.4	-10	103.8
39840	15.9	261.5	-9	109.1
39850	15.9	260.4	-8	113.4
39860	17.1	259.4	-7	107.2
39870	18.0	258.3	-6	112.0
39880	17.6	257.1	-5	116.6
39890	16.1	255.9	-3	121.3
39900	14.8	254.7	-2	125.6

39910	14.4	253.4	-1	129.3
39920	14.1	252.1	0	133.1
39930	14.6	250.7	2	136.8
39940	15.1	249.3	3	140.2
39950	14.0	247.9	5	144.0
39960	12.9	246.4	6	147.4
39970	12.5	244.9	8	150.9
39980	12.7	243.4	9	153.8
39990	13.3	241.8	11	156.8
40000	13.2	240.2	12	160.0
40010	12.1	238.6	14	162.9
40020	10.8	236.9	16	165.5
40030	10.0	235.3	17	167.9
40040	9.6	233.6	19	170.3
40050	9.9	231.9	21	172.2
40060	9.8	230.1	22	174.3
40070	8.5	228.4	24	176.5
40080	7.2	226.6	26	178.1
40090	6.6	224.8	28	179.4
40100	6.9	223.0	29	181.0
40110	6.6	221.2	31	181.8
40120	6.2	219.3	33	183.1
40130	5.4	217.5	35	183.6
40140	4.5	215.7	37	184.4
40150	4.2	213.8	39	185.0
40160	3.9	212.0	40	185.5
40170	3.0	210.1	42	185.5
40180	2.6	208.2	44	185.5
40190	2.2	206.4	46	185.5
40200	2.2	204.5	48	185.2
40210	2.0	202.7	50	185.2
40220	2.0	200.8	52	185.0
40230	2.0	199.0	53	184.7
40240	2.2	197.1	55	184.2
40250	2.3	195.3	57	183.9
40260	2.8	193.5	59	183.9
40270	3.5	191.6	61	183.9
40280	4.3	189.8	63	183.9
40290	4.5	187.9	65	184.4
40300	4.2	186.1	66	184.7
40310	3.7	184.2	68	185.2
40320	3.5	182.4	70	185.5
40330	3.0	180.5	72	185.8
40340	3.1	178.7	74	185.8
40350	3.4	176.8	76	186.0
40360	2.6	174.9	78	186.0
40370	1.9	173.1	79	185.8
40380	2.0	171.2	81	185.8
40390	2.0	169.4	83	185.5
40400	2.0	167.5	85	185.2
40410	2.3	165.7	87	184.7
40420	2.3	163.8	89	184.7
40430	2.2	162.0	90	184.4
40440	2.2	160.1	92	184.2

40450	2.0	158.3	94	183.9
40460	2.0	156.5	96	183.6
40470	2.2	154.6	98	183.4
40480	2.3	152.8	100	183.4
40490	2.6	151.0	101	182.8
40500	2.8	149.1	103	182.8
40510	3.5	147.3	105	182.8
40520	3.8	145.5	107	183.4
40530	3.7	143.6	109	183.4
40540	3.8	141.8	111	183.6
40550	3.9	140.0	112	183.9
40560	3.8	138.1	114	184.2
40570	3.4	136.3	116	184.4
40580	3.0	134.4	118	184.4
40590	3.1	132.6	120	184.7
40600	3.0	130.7	122	184.4
40610	3.3	128.9	124	184.4
40620	3.0	127.0	125	184.4
40630	2.7	125.2	127	184.7
40640	2.4	123.4	129	184.4
40650	2.0	121.5	131	184.4
40660	1.9	119.7	133	184.2
40670	1.9	117.8	135	183.9
40680	1.8	116.0	136	183.6
40690	1.8	114.2	138	183.1
40700	1.8	112.3	140	182.8
40710	0.9	110.5	142	182.6
40720	-2.6	108.7	144	181.8
40730	-4.7	106.9	146	179.9
40740	-3.4	105.1	147	177.5
40750	0.0	103.3	149	176.2
40760	1.6	101.6	151	175.4
40770	1.6	99.8	153	175.1
40780	0.7	98.1	154	174.6
40790	-0.7	96.3	156	174.1
40800	-2.3	94.6	158	172.5
40810	-2.7	92.9	160	171.1
40820	-2.2	91.2	161	169.5
40830	-1.1	89.5	163	168.2
40840	-1.2	87.8	165	166.9
40850	-2.4	86.2	166	165.5
40860	-4.5	84.6	168	147.2
40870	1.4	83.0	169	160.0
40880	3.3	81.8	171	126.4
40890	14.4	80.6	172	121.1
40900	26.6	79.6	173	96.9
40910	24.0	78.8	174	83.5
40920	11.4	78.0	174	71.6
40930	-0.9	77.4	175	60.6
40940	-0.3	76.8	176	52.4
40950	-6.6	76.4	176	44.9
40960	-17.8	76.0	176	37.0
40970	-21.3	75.7	177	27.9
40980	-21.6	75.4	177	26.8

40990	-19.9	75.2	177	18.3
41000	-17.0	75.1	177	11.9
41010	-15.7	75.0	177	7.4
41020	-17.5	74.9	178	4.2
41030	-21.3	74.9	178	-1.0
41040	-25.5	74.9	178	-4.7
41050	-29.2	75.0	177	-11.1
41060	-31.5	75.2	177	-18.9
41070	-31.9	75.5	177	-27.9
41080	-31.5	75.8	177	-32.7
41090	-30.6	76.2	176	-44.9
41100	-29.7	76.8	176	-59.1
41110	-29.0	77.4	175	-68.1
41120	-28.1	78.0	174	-76.6
41130	-26.7	78.8	174	-69.2
41140	-25.4	79.6	173	-77.2
41150	-24.4	80.5	172	-81.9
41160	-24.1	81.5	171	-106.7
41170	-24.7	82.5	170	-113.9
41180	-25.2	83.6	169	-121.1
41190	-25.1	84.7	168	-128.5
41200	-23.2	86.0	166	-135.7
41210	-20.9	87.2	165	-129.3
41220	-18.3	88.6	164	-135.2
41230	-17.1	90.0	162	-139.7
41240	-17.1	91.4	161	-144.2
41250	-17.2	92.9	160	-148.2
41260	-18.2	94.4	158	-153.0
41270	-19.5	96.0	156	-157.8
41280	-19.5	97.6	155	-162.6
41290	-18.2	99.2	153	-167.9
41300	-16.1	100.9	152	-171.9
41310	-14.0	102.7	150	-175.9
41320	-12.3	104.5	148	-179.1
41330	-12.5	106.3	146	-182.0
41340	-13.2	108.1	144	-184.7
41350	-13.4	110.0	142	-187.9
41360	-12.7	111.9	141	-190.8
41370	-12.9	113.8	139	-193.5
41380	-13.3	115.8	137	-196.7
41390	-13.0	117.8	135	-199.6
41400	-11.5	119.8	133	-202.3
41410	-9.5	121.8	131	-204.7
41420	-8.4	123.9	129	-207.1
41430	-9.4	126.0	126	-208.4
41440	-10.2	128.1	124	-210.3
41450	-10.4	130.2	122	-212.4
41460	-10.6	132.3	120	-214.5
41470	-11.3	134.5	118	-216.7
41480	-11.0	136.7	116	-219.1
41490	-10.2	138.9	114	-221.4
41500	-9.8	141.1	111	-223.0
41510	-11.0	143.4	109	-224.9
41520	-11.9	145.6	107	-226.8

41530	-11.3	147.9	105	-229.7
41540	-11.3	150.2	102	-231.6
41550	-11.7	152.6	100	-233.7
41560	-12.2	154.9	98	-235.8
41570	-10.7	157.3	95	-238.2
41580	-9.9	159.7	93	-240.6
41590	-11.3	162.1	90	-242.2
41600	-12.3	164.6	88	-244.6
41610	-12.2	167.0	85	-247.0
41620	-11.8	169.5	83	-248.9
41630	-11.5	172.0	80	-251.8
41640	-11.1	174.6	78	-253.7
41650	-11.0	177.1	75	-255.8
41660	-10.8	179.7	73	-257.7
41670	-10.3	182.3	70	-259.5
41680	-9.4	184.9	68	-261.4
41690	-8.9	187.5	65	-262.4
41700	-8.0	190.1	62	-263.8
41710	-6.9	192.8	60	-264.8
41720	-6.5	195.4	57	-265.4
41730	-7.6	198.1	54	-266.4
41740	-7.9	200.8	52	-267.5
41750	-7.2	203.4	49	-268.0
41760	-5.7	206.1	46	-268.8
41770	-3.5	208.8	44	-269.1
41780	-2.6	211.5	41	-268.6
41790	-2.6	214.2	38	-268.3
41800	-2.6	216.9	36	-267.5
41810	-2.6	219.5	33	-267.0
41820	-2.3	222.2	30	-266.4
41830	-0.8	224.9	28	-265.9
41840	5.4	227.5	25	-264.0
41850	9.6	230.1	22	-260.3
41860	9.4	232.7	20	-256.9
41870	6.1	235.2	17	-252.9
41880	3.8	237.7	15	-250.2
41890	3.8	240.2	12	-247.8
41900	5.8	242.7	10	-245.1
41910	9.1	245.1	7	-241.9
41920	11.1	247.5	5	-237.7
41930	10.8	249.8	3	-233.4
41940	9.6	252.1	0	-229.2
41950	9.4	254.4	-2	-225.2
41960	9.8	256.6	-4	-221.2
41970	11.4	258.8	-6	-217.2
41980	13.7	260.9	-8	-211.3
41990	6.6	262.8	-10	-187.4
42000	-2.7	264.5	-12	-171.7
42010	-17.1	265.8	-13	-130.7
42020	-35.0	267.0	-15	-109.6
42030	-36.2	267.9	-15	-91.3
42040	-22.8	268.7	-16	-67.0
42050	-3.7	269.3	-17	-60.4
42060	0.5	269.9	-17	-48.7

42070	10.4	270.3	-18	-39.9
42080	26.4	270.6	-18	-33.5
42090	31.5	270.9	-18	-21.8
42100	25.9	271.0	-19	-15.1
42110	18.2	271.1	-19	-7.1
42120	13.4	271.1	-19	-2.9
42130	15.2	271.1	-19	0.7
42140	21.6	271.1	-19	1.8
42150	25.4	271.1	-19	8.5
42160	24.4	270.9	-18	13.3
42170	19.1	270.7	-18	19.1
42180	13.6	270.5	-18	29.0
42190	12.6	270.2	-18	30.0
42200	17.0	269.9	-17	30.3
42210	23.5	269.5	-17	34.8
42220	27.8	269.1	-17	44.9
42230	27.1	268.5	-16	57.5
42240	22.6	268.0	-16	59.3
42250	17.6	267.3	-15	71.8
42260	16.3	266.7	-14	70.0
42270	18.0	265.9	-13	67.3
42280	22.1	265.1	-13	71.3
42290	24.7	264.3	-12	76.9
42300	23.7	263.4	-11	101.1
42310	20.6	262.4	-10	97.7
42320	17.2	261.4	-9	92.6
42330	16.1	260.3	-8	107.5
42340	18.2	259.2	-7	111.8
42350	21.3	258.0	-6	116.8
42360	22.4	256.8	-4	122.4
42370	21.0	255.6	-3	128.8
42380	17.9	254.2	-2	134.1
42390	14.9	252.8	0	138.9
42400	14.0	251.4	1	142.6
42410	15.9	250.0	2	146.4
42420	17.8	248.5	4	150.1
42430	18.0	247.0	5	154.9
42440	16.5	245.4	7	159.4
42450	14.5	243.7	9	163.7
42460	13.0	242.1	10	166.6
42470	13.3	240.4	12	169.8
42480	14.1	238.7	14	173.0
42490	14.2	236.9	16	176.2
42500	13.4	235.1	17	179.7
42510	12.2	233.3	19	182.8
42520	11.5	231.5	21	185.2
42530	11.3	229.6	23	187.6
42540	11.3	227.7	25	190.3
42550	11.5	225.8	27	192.7
42560	11.4	223.8	29	195.1
42570	11.1	221.9	31	197.8
42580	10.3	219.9	33	200.1
42590	9.9	217.8	35	202.0
42600	9.4	215.8	37	203.9

42610	9.6	213.7	39	206.0
42620	9.2	211.7	41	207.9
42630	8.1	209.6	43	209.5
42640	7.3	207.5	45	210.8
42650	6.9	205.4	47	212.1
42660	6.5	203.2	49	213.2
42670	6.1	201.1	51	214.3
42680	5.0	198.9	54	214.8
42690	4.9	196.8	56	215.3
42700	6.6	194.6	58	215.6
42710	8.3	192.5	60	216.9
42720	7.6	190.3	62	218.3
42730	5.3	188.1	64	219.3
42740	3.3	185.9	67	219.9
42750	2.6	183.7	69	219.6
42760	2.8	181.5	71	219.3
42770	3.0	179.3	73	219.3
42780	3.7	177.1	75	219.3
42790	4.3	174.9	78	219.3
42800	4.6	172.7	80	219.6
42810	3.3	170.5	82	219.6
42820	2.4	168.3	84	219.6
42830	2.4	166.1	86	219.6
42840	2.3	164.0	88	219.1
42850	2.2	161.8	91	218.5
42860	2.3	159.6	93	218.5
42870	2.2	157.4	95	218.0
42880	2.3	155.2	97	217.7
42890	2.3	153.0	99	217.5
42900	2.3	150.9	102	216.9
42910	2.4	148.7	104	216.7
42920	2.4	146.5	106	216.1
42930	2.6	144.4	108	215.9
42940	2.7	142.2	110	215.6
42950	2.8	140.1	112	215.3
42960	2.7	137.9	115	215.1
42970	2.4	135.8	117	215.1
42980	2.3	133.6	119	214.5
42990	2.0	131.5	121	214.3
43000	2.0	129.3	123	214.0
43010	1.9	127.2	125	213.5
43020	1.8	125.1	127	212.9
43030	-0.8	122.9	130	212.1
43040	-6.1	120.8	132	210.3
43050	-6.8	118.8	134	207.3
43060	-2.6	116.7	136	205.2
43070	1.2	114.7	138	203.6
43080	1.5	112.6	140	203.3
43090	-0.9	110.6	142	202.3
43100	-4.1	108.6	144	200.9
43110	-4.7	106.6	146	198.6
43120	-3.9	104.6	148	196.4
43130	-3.1	102.7	150	194.6
43140	-2.8	100.7	152	192.7

43150	-3.0	98.8	154	191.1
43160	-3.5	96.9	156	189.2
43170	-4.6	95.0	157	187.4
43180	-6.4	93.2	159	185.0
43190	-7.1	91.4	161	182.0
43200	-6.5	89.6	163	179.1
43210	-6.1	87.8	165	176.2
43220	-6.6	86.0	166	173.5
43230	-7.6	84.3	168	186.0
43240	0.0	82.9	170	149.0
43250	3.0	81.5	171	128.8
43260	13.0	80.4	172	100.6
43270	25.6	79.4	173	96.9
43280	23.3	78.5	174	83.5
43290	11.4	77.8	175	71.3
43300	-0.7	77.1	175	59.6
43310	-0.1	76.6	176	51.3
43320	-2.3	76.1	176	44.1
43330	-12.1	75.8	177	36.7
43340	-18.3	75.4	177	29.8
43350	-18.4	75.2	177	24.7
43360	-16.7	75.0	177	21.5
43370	-14.0	74.8	178	15.1
43380	-12.1	74.7	178	11.1
43390	-13.2	74.6	178	6.9
43400	-16.1	74.6	178	3.1
43410	-19.1	74.6	178	-1.0
43420	-23.1	74.6	178	-3.4
43430	-26.2	74.7	178	-9.3
43440	-28.2	74.8	178	-15.4
43450	-29.3	75.0	177	-22.3
43460	-30.1	75.4	177	-29.8
43470	-30.4	75.8	177	-45.2
43480	-29.6	76.2	176	-49.2
43490	-27.8	76.8	176	-51.9
43500	-25.6	77.4	175	-58.5
43510	-24.1	78.1	174	-79.0
43520	-23.7	78.9	174	-85.9
43530	-24.1	79.7	173	-84.3
43540	-25.1	80.6	172	-81.7
43550	-25.8	81.6	171	-107.0
43560	-25.1	82.6	170	-113.1
43570	-23.7	83.7	169	-121.6
43580	-21.7	84.9	168	-128.5
43590	-19.8	86.1	166	-122.7
43600	-18.7	87.3	165	-127.7
43610	-18.7	88.7	164	-133.1
43620	-19.7	90.0	162	-137.9
43630	-20.2	91.5	161	-142.9
43640	-19.9	92.9	160	-148.2
43650	-20.2	94.4	158	-153.3
43660	-19.4	96.0	156	-158.6
43670	-18.7	97.6	155	-163.1
43680	-16.8	99.3	153	-168.2

43690	-14.4	101.0	151	-172.2
43700	-12.5	102.8	150	-175.4
43710	-11.9	104.5	148	-178.6
43720	-13.6	106.4	146	-181.0
43730	-15.2	108.2	144	-184.2
43740	-15.7	110.1	142	-188.2
43750	-14.5	112.0	140	-191.4
43760	-13.6	113.9	139	-194.8
43770	-12.7	115.9	137	-197.8
43780	-11.7	117.9	135	-200.7
43790	-10.0	119.9	133	-203.1
43800	-8.7	121.9	131	-204.9
43810	-9.2	124.0	128	-206.8
43820	-11.0	126.1	126	-208.7
43830	-12.3	128.2	124	-211.3
43840	-12.5	130.3	122	-213.7
43850	-12.6	132.5	120	-216.7
43860	-12.6	134.7	118	-219.3
43870	-11.3	136.9	116	-221.7
43880	-9.5	139.1	113	-224.1
43890	-8.3	141.4	111	-225.7
43900	-9.9	143.6	109	-227.3
43910	-11.7	145.9	107	-228.6
43920	-12.3	148.2	104	-231.0
43930	-12.9	150.6	102	-233.7
43940	-13.7	152.9	100	-236.4
43950	-13.3	155.3	97	-239.3
43960	-10.8	157.7	95	-241.9
43970	-9.9	160.2	92	-244.1
43980	-11.1	162.6	90	-245.9
43990	-11.9	165.1	87	-248.3
44000	-12.1	167.6	85	-250.2
44010	-12.6	170.1	82	-252.9
44020	-12.9	172.7	80	-255.5
44030	-12.2	175.2	77	-257.7
44040	-11.3	177.8	75	-260.3
44050	-10.3	180.5	72	-262.4
44060	-9.6	183.1	69	-264.0
44070	-9.1	185.7	67	-265.9
44080	-9.1	188.4	64	-267.0
44090	-8.3	191.1	61	-268.0
44100	-6.9	193.8	59	-269.1
44110	-7.2	196.5	56	-269.9
44120	-7.7	199.2	53	-271.0
44130	-6.9	201.9	51	-271.8
44140	-6.4	204.6	48	-272.3
44150	-5.0	207.4	45	-273.4
44160	-3.1	210.1	42	-273.4
44170	-2.6	212.8	40	-273.1
44180	-2.7	215.6	37	-272.6
44190	-2.6	218.3	34	-272.0
44200	-2.6	221.0	31	-271.8
44210	-2.4	223.7	29	-271.0
44220	-2.3	226.4	26	-270.4

44230	-0.3	229.1	23	-269.9
44240	5.7	231.8	21	-268.0
44250	9.8	234.5	18	-264.3
44260	8.8	237.1	15	-260.3
44270	5.2	239.7	13	-256.6
44280	2.7	242.2	10	-254.2
44290	3.5	244.7	8	-251.8
44300	6.4	247.2	5	-249.1
44310	9.9	249.7	3	-245.9
44320	12.1	252.1	0	-241.4
44330	12.9	254.5	-2	-236.6
44340	11.5	256.8	-4	-231.8
44350	10.0	259.1	-7	-227.6
44360	9.9	261.3	-9	-200.9
44370	-0.8	263.4	-11	-209.7
44380	-4.7	264.9	-12	-157.3
44390	-25.1	266.3	-14	-130.1
44400	-41.1	267.5	-15	-118.4
44410	-38.6	268.4	-16	-79.0
44420	-20.7	269.1	-17	-71.0
44430	0.3	269.7	-17	-61.2
44440	0.5	270.2	-18	-44.7
44450	9.2	270.6	-18	-39.6
44460	21.8	270.9	-18	-27.4
44470	25.1	271.1	-19	-21.5
44480	21.3	271.2	-19	-12.5
44490	16.0	271.3	-19	-7.4
44500	14.0	271.3	-19	-3.1
44510	16.1	271.3	-19	0.7
44520	20.3	271.3	-19	2.9
44530	22.1	271.3	-19	7.4
44540	19.7	271.1	-19	12.7
44550	14.1	270.9	-18	21.2
44560	11.1	270.7	-18	22.8
44570	12.7	270.5	-18	23.4
44580	19.0	270.2	-18	26.8
44590	25.9	269.8	-17	38.8
44600	28.1	269.4	-17	46.8
44610	25.6	269.0	-17	49.7
44620	20.5	268.4	-16	56.4
44630	17.5	267.8	-15	61.7
44640	17.1	267.2	-15	60.1
44650	19.5	266.5	-14	71.3
44660	23.1	265.7	-13	76.6
44670	25.2	264.9	-12	91.0
44680	24.3	264.0	-12	97.1
44690	21.2	263.0	-11	104.0
44700	18.2	262.0	-10	111.5
44710	17.5	261.0	-9	116.8
44720	18.7	259.9	-7	112.3
44730	21.3	258.7	-6	116.0
44740	22.6	257.5	-5	121.9
44750	22.0	256.3	-4	127.7
44760	19.7	255.0	-3	133.6

44770	16.7	253.6	-1	138.7
44780	15.1	252.2	0	142.9
44790	16.3	250.7	2	146.9
44800	18.2	249.2	3	151.2
44810	18.3	247.6	5	156.0
44820	17.0	246.1	6	160.7
44830	15.1	244.4	8	164.7
44840	14.1	242.7	10	168.5
44850	14.4	241.0	11	171.9
44860	14.4	239.3	13	175.4
44870	13.8	237.5	15	178.9
44880	13.4	235.7	17	182.0
44890	12.6	233.8	19	185.2
44900	12.2	232.0	20	188.2
44910	11.9	230.1	22	191.1
44920	11.4	228.1	24	193.5
44930	11.1	226.2	26	195.9
44940	11.3	224.2	28	198.6
44950	11.0	222.2	30	200.7
44960	9.9	220.2	32	203.1
44970	8.9	218.1	34	204.9
44980	7.7	216.1	36	206.5
44990	7.3	214.0	38	208.1
45000	6.9	211.9	41	209.2
45010	6.2	209.8	43	210.3
45020	6.0	207.7	45	211.1
45030	6.0	205.6	47	211.9
45040	6.2	203.5	49	212.7
45050	6.4	201.3	51	213.7
45060	5.3	199.2	53	214.3
45070	4.2	197.0	55	215.1
45080	3.5	194.9	58	215.1
45090	3.1	192.7	60	215.3
45100	2.8	190.6	62	215.1
45110	2.6	188.4	64	215.1
45120	2.7	186.3	66	214.5
45130	2.6	184.1	68	214.5
45140	2.6	182.0	70	214.5
45150	2.3	179.8	73	214.3
45160	2.2	177.7	75	214.0
45170	2.2	175.6	77	213.5
45180	2.0	173.4	79	212.9
45190	2.0	171.3	81	212.7
45200	1.9	169.2	83	212.1
45210	1.8	167.1	85	211.6
45220	0.3	165.0	87	211.1
45230	-3.1	162.9	90	209.7
45240	-3.7	160.8	92	207.6
45250	-1.4	158.7	94	205.7
45260	1.1	156.7	96	204.4
45270	2.3	154.6	98	204.1
45280	2.0	152.6	100	203.6
45290	2.0	150.5	102	203.3
45300	1.9	148.5	104	202.8

45310	1.5	146.5	106	202.5
45320	0.4	144.5	108	201.7
45330	-0.1	142.5	110	200.9
45340	-0.5	140.5	112	199.6
45350	-0.7	138.5	114	198.6
45360	0.1	136.5	116	197.5
45370	1.1	134.5	118	197.0
45380	1.8	132.6	120	196.2
45390	1.5	130.6	122	195.6
45400	0.8	128.6	124	194.8
45410	-0.4	126.7	126	194.6
45420	-0.5	124.8	128	193.2
45430	-0.8	122.8	130	191.9
45440	-1.2	120.9	132	190.8
45450	-0.9	119.0	133	189.8
45460	0.0	117.1	135	189.0
45470	0.8	115.3	137	188.2
45480	0.5	113.4	139	187.4
45490	-0.8	111.5	141	186.3
45500	-1.9	109.7	143	185.2
45510	-1.8	107.8	145	183.9
45520	-1.1	106.0	146	182.3
45530	-1.4	104.2	148	181.0
45540	-2.4	102.4	150	179.7
45550	-3.3	100.6	152	177.5
45560	-2.7	98.8	154	175.9
45570	-1.8	97.1	155	174.3
45580	-1.6	95.3	157	173.0
45590	-2.6	93.6	159	171.7
45600	-3.7	91.9	161	170.1
45610	-4.2	90.2	162	167.9
45620	-4.1	88.6	164	165.5
45630	-4.6	86.9	166	163.7
45640	-5.7	85.3	167	161.5
45650	-3.8	83.8	169	136.8
45660	2.3	82.4	170	146.4
45670	6.0	81.2	171	116.3
45680	19.7	80.1	172	111.8
45690	24.8	79.3	173	89.4
45700	17.9	78.5	174	77.4
45710	6.5	77.8	175	66.5
45720	0.3	77.2	175	56.7
45730	0.3	76.6	176	54.0
45740	-1.1	76.2	176	42.8
45750	-9.4	75.8	177	36.2
45760	-16.5	75.5	177	30.0
45770	-18.4	75.3	177	22.0
45780	-17.9	75.0	177	21.2
45790	-17.0	74.9	178	14.3
45800	-16.5	74.8	178	8.5
45810	-17.0	74.7	178	5.0
45820	-18.3	74.7	178	-0.2
45830	-21.3	74.7	178	-1.8
45840	-23.6	74.8	178	-8.7

45850	-26.8	74.9	178	-12.7
45860	-30.1	75.1	177	-21.5
45870	-31.6	75.4	177	-33.0
45880	-30.6	75.8	177	-38.0
45890	-28.3	76.2	176	-46.5
45900	-25.9	76.7	176	-49.2
45910	-24.4	77.3	175	-61.7
45920	-24.0	78.0	174	-74.8
45930	-24.3	78.8	174	-81.9
45940	-24.7	79.5	173	-72.9
45950	-25.4	80.4	172	-96.6
45960	-26.0	81.3	171	-93.9
45970	-26.3	82.3	170	-91.0
45980	-25.6	83.4	169	-97.4
45990	-24.8	84.5	168	-103.0
46000	-23.3	85.7	167	-121.3
46010	-22.1	87.0	165	-127.5
46020	-20.9	88.3	164	-133.6
46030	-20.6	89.7	163	-138.9
46040	-20.7	91.1	161	-144.5
46050	-21.3	92.6	160	-149.8
46060	-21.0	94.2	158	-155.2
46070	-21.4	95.7	157	-160.7
46080	-20.6	97.4	155	-166.3
46090	-18.7	99.1	153	-171.7
46100	-16.1	100.9	152	-176.2
46110	-14.2	102.6	150	-180.2
46120	-13.4	104.5	148	-183.6
46130	-14.6	106.3	146	-186.3
46140	-16.4	108.2	144	-189.8
46150	-16.4	110.2	142	-194.0
46160	-15.1	112.1	140	-197.5
46170	-14.0	114.1	138	-201.2
46180	-13.6	116.2	136	-204.1
46190	-12.9	118.2	134	-207.3
46200	-11.4	120.3	132	-210.0
46210	-10.0	122.4	130	-212.4
46220	-10.2	124.6	128	-214.3
46230	-11.5	126.7	126	-216.4
46240	-12.3	128.9	124	-219.1
46250	-12.5	131.1	121	-221.7
46260	-12.7	133.4	119	-224.1
46270	-12.6	135.6	117	-226.8
46280	-11.0	137.9	115	-229.4
46290	-9.5	140.2	112	-231.6
46300	-9.4	142.6	110	-233.4
46310	-10.8	144.9	108	-235.3
46320	-11.0	147.3	105	-237.4
46330	-11.3	149.7	103	-239.8
46340	-12.6	152.1	100	-241.9
46350	-13.0	154.5	98	-244.6
46360	-11.5	157.0	95	-246.7
46370	-10.2	159.5	93	-249.1
46380	-11.0	162.0	90	-251.0

46390	-12.1	164.5	88	-252.9
46400	-12.3	167.0	85	-254.7
46410	-12.1	169.6	83	-257.4
46420	-12.2	172.2	80	-259.5
46430	-12.1	174.8	78	-261.6
46440	-12.1	177.5	75	-264.3
46450	-12.1	180.1	72	-266.4
46460	-11.8	182.8	70	-268.8
46470	-10.8	185.5	67	-271.0
46480	-10.4	188.2	64	-272.6
46490	-8.9	191.0	61	-273.9
46500	-7.6	193.7	59	-275.0
46510	-7.3	196.5	56	-276.0
46520	-7.6	199.2	53	-276.8
46530	-6.5	202.0	50	-277.6
46540	-5.4	204.8	48	-278.2
46550	-4.1	207.6	45	-279.0
46560	-3.0	210.4	42	-278.7
46570	-2.8	213.1	39	-278.2
46580	-3.3	215.9	37	-277.6
46590	-3.4	218.7	34	-277.4
46600	-3.4	221.5	31	-277.1
46610	-3.5	224.2	28	-276.8
46620	-2.8	227.0	25	-276.3
46630	-2.6	229.8	23	-276.0
46640	-2.4	232.5	20	-275.5
46650	-2.0	235.3	17	-274.7
46660	3.5	238.0	14	-273.4
46670	10.8	240.7	12	-270.4
46680	12.7	243.4	9	-265.6
46690	8.5	246.0	6	-260.8
46700	3.4	248.6	4	-257.4
46710	1.2	251.2	1	-255.8
46720	4.2	253.7	-1	-253.9
46730	8.9	256.2	-4	-251.0
46740	12.2	258.7	-6	-246.5
46750	12.5	261.1	-9	-241.4
46760	-0.4	263.2	-11	-210.3
46770	-11.7	265.0	-13	-170.3
46780	-41.6	266.5	-14	-124.5
46790	-57.1	267.7	-15	-114.4
46800	-53.8	268.7	-16	-92.1
46810	-31.6	269.4	-17	-64.9
46820	-6.1	270.0	-18	-55.9
46830	0.5	270.5	-18	-42.8
46840	2.6	270.9	-18	-34.8
46850	14.8	271.2	-19	-29.2
46860	21.2	271.4	-19	-19.7
46870	23.2	271.5	-19	-14.6
46880	18.4	271.6	-19	-7.1
46890	11.4	271.6	-19	-3.1
46900	10.0	271.6	-19	0.0
46910	15.6	271.6	-19	0.5
46920	21.7	271.6	-19	5.5

46930	22.0	271.5	-19	11.1
46940	17.5	271.4	-19	15.7
46950	11.5	271.2	-19	18.6
46960	8.5	270.9	-18	26.3
46970	11.0	270.7	-18	28.2
46980	17.4	270.4	-18	32.2
46990	23.7	270.1	-18	37.8
47000	26.3	269.7	-17	40.7
47010	24.5	269.2	-17	42.8
47020	20.2	268.7	-16	59.9

ISOK_EXERC_FLEX/EXT_180_R_SIDE

01/07

Set #6

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	5.3	212.0	40	47.3
10	24.7	211.5	41	50.5
20	37.3	211.0	41	58.3
30	25.6	210.3	42	68.6
40	6.5	209.6	43	76.1
50	0.0	208.8	44	77.7
60	1.4	208.0	44	78.0
70	1.2	207.2	45	77.7
80	1.9	206.4	46	77.7
90	3.1	205.7	47	78.2
100	15.3	204.9	48	79.6
110	23.3	204.1	48	84.1
120	17.5	203.2	49	90.2
130	6.5	202.2	50	94.5
140	0.8	201.3	51	95.8
150	1.5	200.3	52	95.8
160	1.8	199.4	53	95.8
170	4.3	198.4	54	95.8
180	10.3	197.4	55	97.1
190	13.8	196.4	56	99.8
200	11.8	195.4	57	103.2
210	6.8	194.4	58	106.2
220	3.1	193.3	59	107.5
230	2.4	192.2	60	108.0
240	4.6	191.1	61	108.3
250	7.3	190.0	62	109.4
260	8.8	188.9	64	111.2
270	8.7	187.8	65	113.4
280	7.2	186.6	66	115.2
290	5.7	185.5	67	116.8
300	5.3	184.3	68	117.9
310	6.4	183.1	69	119.0
320	6.5	181.9	71	120.3
330	5.6	180.7	72	121.6
340	4.3	179.5	73	122.7
350	4.3	178.2	74	123.2
360	4.3	177.0	75	124.0
370	4.7	175.8	77	124.8
380	5.2	174.5	78	125.6
390	5.3	173.2	79	126.7
400	4.3	172.0	80	127.5
410	3.1	170.7	82	128.0
420	2.8	169.4	83	128.5
430	2.8	168.1	84	128.8
440	3.0	166.8	86	128.8
450	2.8	165.5	87	129.1
460	3.0	164.2	88	129.3
470	2.8	163.0	89	129.6
480	3.0	161.7	91	129.9

490	3.1	160.4	92	130.4
500	2.3	159.0	93	130.4
510	1.9	157.7	95	130.7
520	1.8	156.4	96	130.7
530	1.8	155.1	97	130.4
540	1.8	153.8	99	130.4
550	1.8	152.5	100	130.1
560	1.6	151.2	101	130.4
570	1.6	149.9	103	129.9
580	1.8	148.6	104	129.9
590	1.6	147.3	105	129.6
600	1.5	146.0	106	129.6
610	1.5	144.7	108	129.6
620	1.5	143.4	109	129.3
630	1.5	142.1	110	129.1
640	1.5	140.8	112	129.1
650	1.2	139.6	113	128.8
660	0.0	138.3	114	128.5
670	-2.4	137.0	115	127.7
680	-2.7	135.7	117	126.4
690	-0.7	134.5	118	124.8
700	1.4	133.2	119	124.3
710	1.5	132.0	120	124.0
720	0.9	130.7	122	123.7
730	0.0	129.5	123	123.5
740	-1.5	128.3	124	122.7
750	-1.8	127.1	125	121.9
760	-0.8	125.9	127	120.5
770	0.0	124.6	128	120.3
780	-0.4	123.5	129	119.2
790	-0.8	122.3	130	118.7
800	-1.4	121.1	131	117.6
810	-1.2	119.9	133	116.6
820	-0.1	118.8	134	115.8
830	0.5	117.6	135	115.2
840	0.4	116.5	136	115.0
850	0.1	115.3	137	114.4
860	-0.9	114.2	138	113.9
870	-2.0	113.0	139	112.8
880	-2.2	111.9	141	111.8
890	-1.9	110.8	142	110.2
900	-0.9	109.7	143	109.1
910	-0.4	108.6	144	108.6
920	-0.1	107.5	145	107.8
930	-0.4	106.5	146	107.5
940	-1.2	105.4	147	106.7
950	-1.4	104.3	148	105.6
960	-1.1	103.3	149	104.6
970	-0.5	102.3	150	103.8
980	-0.4	101.2	151	103.2
990	-0.3	100.2	152	102.4
1000	-0.4	99.2	153	101.9
1010	-0.3	98.2	154	101.4
1020	0.0	97.2	155	100.6

1030	0.3	96.1	156	100.3
1040	0.0	95.1	157	99.8
1050	-0.3	94.2	158	99.3
1060	-1.1	93.2	159	98.5
1070	-1.6	92.2	160	97.7
1080	-1.2	91.2	161	96.9
1090	-0.8	90.3	162	96.1
1100	-0.1	89.3	163	95.3
1110	0.0	88.3	164	95.0
1120	-0.5	87.4	165	94.2
1130	-0.7	86.5	166	93.4
1140	-0.8	85.5	167	92.9
1150	-1.2	84.6	168	92.3
1160	-1.2	83.7	169	91.3
1170	-0.9	82.8	170	90.5
1180	-0.5	81.9	171	89.7
1190	-0.5	81.0	171	88.9
1200	-0.5	80.1	172	88.6
1210	1.8	79.3	173	88.3
1220	1.6	78.5	174	78.5
1230	7.2	77.9	175	63.0
1240	19.7	77.3	175	50.5
1250	23.1	76.8	176	49.7
1260	16.5	76.4	176	38.8
1270	7.1	76.0	176	37.2
1280	1.8	75.6	177	35.1
1290	1.8	75.4	177	28.4
1300	4.1	75.1	177	22.6
1310	5.2	74.9	178	22.0
1320	3.9	74.7	178	19.4
1330	1.8	74.5	178	18.3
1340	0.8	74.3	178	14.3
1350	1.4	74.2	178	13.0
1360	3.1	74.1	178	10.1
1370	5.0	74.0	178	10.9
1380	5.3	73.9	179	9.0
1390	3.5	73.8	179	6.9
1400	0.3	73.7	179	6.3
1410	-0.4	73.7	179	5.3
1420	-0.4	73.6	179	5.5
1430	-1.4	73.6	179	4.2
1440	-7.2	73.5	179	3.7
1450	-11.4	73.5	179	0.2
1460	-11.0	73.5	179	-0.2
1470	-7.5	73.6	179	-3.4
1480	-5.8	73.6	179	-4.7
1490	-8.8	73.7	179	-6.9
1500	-14.5	73.8	179	-8.5
1510	-18.8	73.9	179	-12.2
1520	-20.5	74.1	178	-17.0
1530	-19.1	74.3	178	-21.8
1540	-17.4	74.6	178	-26.0
1550	-17.5	74.9	178	-30.3
1560	-19.8	75.3	177	-35.1

1570	-22.2	75.7	177	-39.6
1580	-24.3	76.2	176	-55.1
1590	-25.1	76.7	176	-56.7
1600	-24.5	77.3	175	-57.2
1610	-23.3	78.0	174	-63.0
1620	-22.6	78.8	174	-68.4
1630	-22.8	79.6	173	-74.2
1640	-23.9	80.5	172	-88.3
1650	-24.5	81.4	171	-94.7
1660	-24.1	82.4	170	-102.2
1670	-23.2	83.5	169	-108.6
1680	-22.9	84.6	168	-114.7
1690	-23.2	85.8	167	-121.1
1700	-24.8	87.1	165	-127.2
1710	-26.4	88.4	164	-134.4
1720	-27.5	89.8	163	-141.3
1730	-27.1	91.3	161	-148.8
1740	-25.9	92.8	160	-156.2
1750	-24.3	94.4	158	-162.9
1760	-23.3	96.1	156	-169.5
1770	-23.9	97.8	155	-174.6
1780	-25.6	99.6	153	-175.4
1790	-28.5	101.4	151	-175.7
1800	-29.8	103.1	149	-175.7
1810	-29.2	104.9	148	-175.9
1820	-27.5	106.6	146	-175.7
1830	-25.8	108.4	144	-175.4
1840	-23.7	110.1	142	-175.1
1850	-22.0	111.9	141	-175.1
1860	-21.0	113.6	139	-174.9
1870	-19.8	115.4	137	-174.9
1880	-18.2	117.1	135	-174.6
1890	-16.7	118.9	134	-174.3
1900	-15.3	120.6	132	-174.9
1910	-14.9	122.4	130	-174.6
1920	-15.3	124.1	128	-174.3
1930	-15.7	125.9	127	-174.6
1940	-15.2	127.6	125	-174.6
1950	-13.2	129.3	123	-174.1
1960	-10.7	131.1	121	-174.3
1970	-9.4	132.8	120	-174.1
1980	-8.7	134.6	118	-173.8
1990	-8.7	136.3	116	-174.1
2000	-8.9	138.0	114	-173.8
2010	-9.5	139.8	113	-173.8
2020	-10.2	141.5	111	-174.1
2030	-11.4	143.3	109	-174.1
2040	-11.7	145.0	107	-174.3
2050	-10.7	146.8	106	-174.3
2060	-10.3	148.5	104	-174.1
2070	-10.8	150.2	102	-174.1
2080	-11.9	152.0	100	-174.3
2090	-12.5	153.7	99	-174.1
2100	-12.2	155.5	97	-174.3

2110	-10.8	157.2	95	-174.3
2120	-10.4	158.9	94	-174.1
2130	-11.1	160.7	92	-174.1
2140	-11.8	162.4	90	-174.3
2150	-12.2	164.2	88	-174.1
2160	-12.2	165.9	87	-174.3
2170	-11.9	167.7	85	-174.1
2180	-12.2	169.4	83	-173.8
2190	-12.1	171.1	81	-174.3
2200	-11.5	172.9	80	-174.1
2210	-11.4	174.6	78	-174.1
2220	-11.3	176.4	76	-174.3
2230	-10.8	178.1	74	-174.1
2240	-10.8	179.8	73	-174.1
2250	-10.7	181.6	71	-174.1
2260	-10.3	183.3	69	-173.8
2270	-11.3	185.1	67	-173.8
2280	-12.5	186.8	66	-174.1
2290	-13.3	188.5	64	-174.3
2300	-12.5	190.3	62	-174.1
2310	-11.1	192.0	60	-174.3
2320	-9.8	193.8	59	-173.8
2330	-9.1	195.5	57	-174.1
2340	-9.8	197.3	55	-174.1
2350	-11.0	199.0	53	-173.8
2360	-11.4	200.7	52	-174.3
2370	-11.7	202.5	50	-174.3
2380	-11.9	204.2	48	-174.1
2390	-10.6	206.0	46	-174.1
2400	-9.1	207.7	45	-174.1
2410	-7.5	209.4	43	-173.8
2420	-6.4	211.2	41	-173.8
2430	-7.1	212.9	40	-173.5
2440	-8.8	214.7	38	-173.8
2450	-9.8	216.4	36	-174.1
2460	-9.8	218.1	34	-174.1
2470	-8.5	219.9	33	-173.8
2480	-7.5	221.6	31	-174.1
2490	-6.9	223.4	29	-173.8
2500	-6.6	225.1	27	-173.5
2510	-6.5	226.8	26	-173.8
2520	-6.2	228.6	24	-173.5
2530	-5.7	230.3	22	-173.8
2540	-5.6	232.0	20	-173.8
2550	-5.8	233.8	19	-173.3
2560	-5.4	235.5	17	-173.5
2570	-3.9	237.3	15	-173.8
2580	-2.6	239.0	13	-173.3
2590	-2.3	240.7	12	-173.3
2600	-2.2	242.5	10	-173.3
2610	-2.0	244.2	8	-173.0
2620	-2.0	245.9	7	-172.7
2630	-1.9	247.6	5	-172.7
2640	-1.8	249.4	3	-171.9

2650	-1.8	251.1	1	-171.9
2660	-1.6	252.8	0	-171.7
2670	-0.9	254.5	-2	-171.1
2680	2.7	256.2	-4	-170.6
2690	6.5	257.9	-5	-167.9
2700	5.6	259.6	-7	-165.3
2710	2.6	261.2	-9	-163.4
2720	0.0	262.8	-10	-162.1
2730	0.1	264.4	-12	-161.3
2740	2.2	266.0	-14	-157.6
2750	-2.4	267.4	-15	-133.9
2760	-9.6	268.5	-16	-93.1
2770	-35.4	269.4	-17	-82.5
2780	-50.4	270.1	-18	-71.8
2790	-45.8	270.6	-18	-51.3
2800	-25.6	271.1	-19	-41.7
2810	-3.4	271.4	-19	-27.9
2820	1.2	271.6	-19	-18.3
2830	4.1	271.7	-19	-17.0
2840	13.3	271.9	-19	-12.2
2850	17.4	271.9	-19	-6.1
2860	12.3	272.0	-20	-1.0
2870	6.1	272.0	-20	-0.2
2880	3.9	272.0	-20	1.8
2890	6.5	271.9	-19	1.5
2900	11.7	271.9	-19	3.7
2910	15.3	271.8	-19	6.3
2920	17.4	271.7	-19	9.8
2930	17.9	271.6	-19	14.6
2940	16.8	271.4	-19	18.9
2950	15.2	271.1	-19	27.6
2960	14.1	270.9	-18	29.0
2970	14.2	270.6	-18	29.8
2980	15.9	270.2	-18	33.2
2990	18.2	269.8	-17	37.2
3000	20.1	269.3	-17	42.0
3010	20.9	268.8	-16	46.8
3020	21.0	268.3	-16	51.9
3030	20.5	267.7	-15	56.7
3040	19.8	267.0	-15	62.0
3050	19.1	266.3	-14	66.8
3060	19.0	265.4	-13	79.6
3070	19.1	264.6	-12	84.6
3080	19.0	263.7	-11	89.9
3090	18.7	262.8	-10	95.0
3100	18.7	261.8	-9	100.0
3110	18.4	260.8	-8	105.4
3120	18.2	259.7	-7	110.2
3130	18.2	258.5	-6	115.2
3140	17.8	257.3	-5	120.0
3150	17.4	256.1	-4	124.5
3160	17.1	254.8	-2	129.6
3170	16.5	253.5	-1	133.9
3180	15.7	252.1	0	138.1

3190	15.3	250.7	2	142.1
3200	15.3	249.3	3	146.1
3210	14.6	247.8	5	149.6
3220	13.8	246.2	6	153.3
3230	13.3	244.7	8	156.8
3240	13.0	243.1	9	160.2
3250	13.0	241.5	11	163.1
3260	13.3	239.8	13	166.1
3270	12.6	238.1	14	169.3
3280	12.2	236.4	16	172.5
3290	11.7	234.7	18	175.1
3300	11.1	232.9	20	177.8
3310	11.3	231.1	21	178.6
3320	11.8	229.3	23	178.9
3330	12.2	227.5	25	179.1
3340	12.1	225.7	27	179.4
3350	11.4	223.9	29	179.4
3360	10.4	222.1	30	179.4
3370	9.1	220.3	32	179.4
3380	8.3	218.6	34	179.4
3390	8.0	216.8	36	179.4
3400	8.3	215.0	37	179.4
3410	8.7	213.2	39	179.7
3420	8.3	211.4	41	179.7
3430	7.3	209.6	43	179.4
3440	6.4	207.8	45	179.4
3450	5.8	206.0	46	179.4
3460	5.6	204.2	48	179.7
3470	5.2	202.4	50	179.4
3480	5.0	200.6	52	179.4
3490	3.9	198.8	54	179.7
3500	2.8	197.0	55	179.4
3510	2.3	195.2	57	179.1
3520	2.4	193.4	59	179.4
3530	3.3	191.6	61	179.1
3540	4.6	189.8	63	179.4
3550	6.0	188.0	64	179.9
3560	6.1	186.2	66	179.9
3570	4.5	184.4	68	179.7
3580	3.0	182.7	70	179.7
3590	2.0	180.9	72	179.4
3600	2.0	179.1	73	179.4
3610	2.4	177.3	75	179.1
3620	3.4	175.5	77	178.9
3630	5.0	173.7	79	179.1
3640	5.8	171.9	81	179.7
3650	5.0	170.1	82	179.7
3660	4.3	168.3	84	179.7
3670	3.7	166.5	86	179.7
3680	3.3	164.7	88	179.7
3690	3.1	162.9	90	179.4
3700	3.3	161.1	91	179.7
3710	3.8	159.3	93	179.7
3720	4.2	157.5	95	179.9

3730	4.5	155.7	97	179.9
3740	4.6	153.9	99	179.7
3750	5.0	152.1	100	179.7
3760	5.7	150.3	102	179.7
3770	6.0	148.5	104	179.9
3780	5.8	146.7	106	179.9
3790	5.0	144.9	108	179.7
3800	4.6	143.1	109	179.7
3810	5.0	141.3	111	179.7
3820	5.2	139.5	113	179.7
3830	5.3	137.7	115	179.9
3840	5.2	135.9	117	179.7
3850	5.2	134.1	118	179.7
3860	5.4	132.3	120	179.9
3870	5.3	130.5	122	179.7
3880	5.3	128.7	124	179.7
3890	4.7	126.9	126	179.7
3900	3.9	125.1	127	179.7
3910	3.4	123.3	129	179.9
3920	2.7	121.6	131	179.4
3930	2.3	119.8	133	179.4
3940	2.2	118.0	134	179.4
3950	2.2	116.2	136	179.1
3960	2.0	114.4	138	179.1
3970	2.2	112.6	140	178.9
3980	2.2	110.8	142	178.9
3990	1.9	109.0	143	178.3
4000	1.9	107.2	145	178.3
4010	1.8	105.5	147	178.1
4020	1.8	103.7	149	176.7
4030	1.8	101.9	151	174.9
4040	1.6	100.2	152	174.6
4050	0.5	98.4	154	174.1
4060	-2.8	96.7	156	173.0
4070	-6.1	95.0	157	170.9
4080	-6.1	93.3	159	167.9
4090	-3.5	91.6	161	165.8
4100	-0.8	90.0	162	163.9
4110	0.0	88.4	164	162.9
4120	-1.9	86.7	166	161.8
4130	-4.5	85.1	167	160.2
4140	-5.7	83.6	169	158.1
4150	-4.3	82.0	170	155.7
4160	-2.4	80.4	172	153.8
4170	1.1	79.0	173	158.6
4180	3.0	77.8	175	115.0
4190	20.6	76.8	176	81.9
4200	38.8	76.1	176	73.2
4210	37.6	75.4	177	51.9
4220	22.5	75.0	177	44.7
4230	5.4	74.6	178	33.8
4240	-0.9	74.3	178	27.9
4250	-4.1	74.1	178	19.7
4260	-13.2	74.0	178	14.3

4270	-15.9	73.8	179	9.0
4280	-14.2	73.8	179	6.1
4290	-10.3	73.8	179	1.5
4300	-7.7	73.8	179	-0.5
4310	-8.7	73.8	179	-1.0
4320	-10.0	73.8	179	-4.5
4330	-11.7	73.8	179	-6.3
4340	-13.7	73.9	179	-9.8
4350	-14.9	74.0	178	-14.1
4360	-17.2	74.2	178	-18.9
4370	-21.4	74.4	178	-21.5
4380	-25.5	74.7	178	-24.7
4390	-27.9	75.0	177	-38.0
4400	-27.8	75.4	177	-46.0
4410	-25.5	75.9	177	-54.5
4420	-21.7	76.4	176	-62.0
4430	-17.9	77.0	175	-68.6
4440	-16.0	77.7	175	-73.7
4450	-16.1	78.4	174	-78.5
4460	-17.4	79.2	173	-83.0
4470	-17.9	80.0	172	-88.3
4480	-17.5	80.8	172	-86.2
4490	-16.7	81.7	171	-89.7
4500	-16.3	82.6	170	-94.5
4510	-16.1	83.6	169	-98.5
4520	-15.9	84.6	168	-103.2
4530	-14.5	85.7	167	-107.2
4540	-12.6	86.8	166	-110.7
4550	-10.6	87.9	165	-114.2
4560	-10.0	89.1	163	-116.6
4570	-11.1	90.3	162	-119.0
4580	-13.0	91.5	161	-121.6
4590	-14.8	92.7	160	-125.1
4600	-15.2	94.0	158	-129.1
4610	-14.6	95.3	157	-132.8
4620	-13.2	96.7	156	-136.5
4630	-11.0	98.1	154	-139.5
4640	-9.2	99.5	153	-142.4
4650	-8.0	100.9	152	-144.2
4660	-8.5	102.4	150	-145.8
4670	-9.2	103.8	149	-148.0
4680	-11.1	105.3	147	-149.6
4690	-12.7	106.9	146	-152.8
4700	-13.2	108.4	144	-155.4
4710	-11.8	110.0	142	-158.6
4720	-9.6	111.6	141	-161.3
4730	-8.1	113.2	139	-163.1
4740	-7.6	114.9	138	-165.0
4750	-7.9	116.5	136	-166.1
4760	-7.9	118.2	134	-167.7
4770	-8.0	119.9	133	-169.5
4780	-8.4	121.6	131	-170.9
4790	-10.0	123.3	129	-173.0
4800	-12.1	125.0	127	-174.3

4810	-14.0	126.8	126	-174.3
4820	-14.8	128.5	124	-174.6
4830	-13.4	130.3	122	-174.3
4840	-11.9	132.0	120	-174.3
4850	-11.0	133.8	119	-174.1
4860	-10.0	135.5	117	-174.1
4870	-9.8	137.2	115	-173.8
4880	-9.9	139.0	113	-174.1
4890	-10.6	140.7	112	-174.1
4900	-11.8	142.5	110	-174.3
4910	-12.6	144.2	108	-174.3
4920	-11.9	146.0	106	-174.1
4930	-9.9	147.7	105	-174.3
4940	-8.4	149.4	103	-174.1
4950	-8.3	151.2	101	-173.5
4960	-8.5	152.9	100	-174.1
4970	-8.5	154.7	98	-174.3
4980	-8.4	156.4	96	-174.1
4990	-8.0	158.1	94	-173.8
5000	-8.3	159.9	93	-173.8
5010	-9.5	161.6	91	-173.8
5020	-9.6	163.4	89	-173.8
5030	-8.8	165.1	87	-174.1
5040	-8.3	166.8	86	-173.8
5050	-8.0	168.6	84	-173.8
5060	-8.8	170.3	82	-173.8
5070	-9.4	172.1	80	-174.1
5080	-9.6	173.8	79	-174.3
5090	-9.8	175.5	77	-174.1
5100	-9.5	177.3	75	-174.1
5110	-9.8	179.0	73	-174.1
5120	-9.8	180.8	72	-174.1
5130	-9.4	182.5	70	-174.1
5140	-8.1	184.3	68	-174.1
5150	-8.1	186.0	66	-173.8
5160	-8.5	187.7	65	-173.8
5170	-9.4	189.5	63	-174.1
5180	-10.2	191.2	61	-173.8
5190	-10.2	193.0	59	-173.8
5200	-10.4	194.7	58	-174.3
5210	-10.2	196.4	56	-174.1
5220	-9.5	198.2	54	-174.1
5230	-8.7	199.9	53	-174.1
5240	-7.9	201.7	51	-173.8
5250	-8.3	203.4	49	-173.8
5260	-8.8	205.1	47	-174.1
5270	-8.1	206.9	46	-173.8
5280	-6.8	208.6	44	-174.1
5290	-5.4	210.4	42	-173.8
5300	-4.6	212.1	40	-173.5
5310	-5.0	213.8	39	-173.5
5320	-6.8	215.6	37	-173.5
5330	-7.3	217.3	35	-173.8
5340	-6.9	219.0	33	-173.8

5350	-5.6	220.8	32	-173.8
5360	-4.2	222.5	30	-173.5
5370	-3.3	224.3	28	-173.5
5380	-2.7	226.0	26	-173.3
5390	-2.4	227.7	25	-173.5
5400	-2.3	229.5	23	-173.3
5410	-2.2	231.2	21	-173.0
5420	-2.2	232.9	20	-173.0
5430	-2.2	234.6	18	-173.0
5440	-2.0	236.4	16	-172.5
5450	-1.9	238.1	14	-172.5
5460	-1.9	239.8	13	-172.2
5470	-1.8	241.5	11	-171.7
5480	-1.8	243.3	9	-171.4
5490	-1.8	245.0	7	-171.1
5500	-1.5	246.7	6	-170.9
5510	1.1	248.4	4	-170.1
5520	4.6	250.1	2	-168.5
5530	5.6	251.7	1	-166.1
5540	4.1	253.4	-1	-164.2
5550	1.8	255.0	-3	-161.8
5560	0.0	256.6	-4	-161.0
5570	0.5	258.2	-6	-160.0
5580	2.6	259.8	-7	-158.6
5590	5.2	261.4	-9	-157.0
5600	6.6	262.9	-10	-154.6
5610	6.8	264.5	-12	-151.7
5620	5.8	266.0	-14	-148.8
5630	-2.7	267.2	-15	-126.7
5640	-5.4	268.3	-16	-110.2
5650	-23.5	269.2	-17	-81.4
5660	-38.2	269.9	-17	-66.0
5670	-35.5	270.4	-18	-47.1
5680	-19.0	270.8	-18	-40.7
5690	-0.3	271.2	-19	-27.4
5700	0.8	271.4	-19	-25.8
5710	4.2	271.6	-19	-18.3
5720	14.0	271.8	-19	-11.9
5730	18.7	271.9	-19	-8.7
5740	19.1	271.9	-19	-1.8
5750	16.5	271.9	-19	0.0
5760	15.5	271.9	-19	3.9
5770	16.7	271.8	-19	7.4
5780	19.4	271.7	-19	14.3
5790	20.7	271.5	-19	20.4
5800	20.5	271.3	-19	26.6
5810	19.3	271.0	-19	32.7
5820	18.4	270.7	-18	34.8
5830	19.0	270.3	-18	35.9
5840	20.6	269.8	-17	40.4
5850	22.4	269.4	-17	45.7
5860	23.7	268.8	-16	51.1
5870	23.7	268.2	-16	56.9
5880	22.9	267.5	-15	62.8

5890	21.4	266.8	-14	68.1
5900	20.3	266.0	-14	73.4
5910	20.9	265.1	-13	87.3
5920	21.6	264.1	-12	92.9
5930	21.7	263.2	-11	99.0
5940	21.2	262.1	-10	104.8
5950	20.1	261.0	-9	110.4
5960	18.7	259.9	-7	116.0
5970	18.3	258.7	-6	121.1
5980	18.6	257.5	-5	125.9
5990	19.1	256.2	-4	130.9
6000	19.7	254.8	-2	136.0
6010	19.8	253.4	-1	141.0
6020	19.0	252.0	0	146.1
6030	17.6	250.5	2	150.9
6040	16.1	248.9	4	155.4
6050	14.6	247.3	5	159.4
6060	14.2	245.7	7	163.1
6070	14.4	244.1	8	166.6
6080	14.8	242.4	10	169.8
6090	15.1	240.6	12	173.5
6100	14.1	238.9	14	177.3
6110	13.4	237.1	15	178.9
6120	14.0	235.3	17	178.9
6130	14.6	233.5	19	179.4
6140	15.1	231.7	21	179.1
6150	14.8	229.9	23	179.4
6160	13.6	228.1	24	179.7
6170	12.3	226.3	26	179.4
6180	11.5	224.5	28	179.4
6190	10.7	222.7	30	179.4
6200	9.9	220.9	32	179.4
6210	9.8	219.1	33	179.4
6220	9.5	217.4	35	179.4
6230	9.1	215.6	37	179.4
6240	9.5	213.8	39	179.7
6250	9.4	212.0	40	179.7
6260	8.3	210.2	42	179.7
6270	7.5	208.4	44	179.4
6280	6.5	206.6	46	179.4
6290	6.1	204.8	48	179.4
6300	4.7	203.0	49	179.4
6310	3.5	201.2	51	179.4
6320	2.4	199.4	53	179.4
6330	2.6	197.6	55	179.4
6340	4.3	195.8	57	179.1
6350	6.4	194.0	58	179.7
6360	7.3	192.2	60	179.7
6370	6.1	190.4	62	179.7
6380	4.3	188.6	64	179.7
6390	3.3	186.8	66	179.4
6400	3.3	185.0	67	179.4
6410	4.1	183.2	69	179.7
6420	5.0	181.4	71	179.7

6430	4.5	179.6	73	179.7
6440	4.1	177.8	75	179.7
6450	3.5	176.0	76	179.4
6460	2.4	174.3	78	179.7
6470	2.0	172.5	80	179.7
6480	2.0	170.7	82	179.1
6490	2.0	168.9	84	178.9
6500	2.0	167.1	85	178.9
6510	2.2	165.3	87	178.3
6520	2.0	163.5	89	178.6
6530	1.9	161.7	91	177.8
6540	2.2	160.0	92	175.4
6550	2.0	158.2	94	175.4
6560	1.9	156.5	96	175.1
6570	1.9	154.7	98	174.6
6580	1.9	153.0	99	174.6
6590	1.9	151.2	101	174.3
6600	1.9	149.5	103	174.1
6610	1.9	147.7	105	173.8
6620	1.9	146.0	106	173.5
6630	2.0	144.3	108	173.0
6640	1.9	142.5	110	173.0
6650	2.0	140.8	112	172.7
6660	2.0	139.1	113	172.5
6670	2.0	137.4	115	172.5
6680	2.0	135.6	117	172.2
6690	2.3	133.9	119	171.9
6700	2.3	132.2	120	171.9
6710	2.3	130.5	122	171.7
6720	2.4	128.8	124	171.4
6730	2.0	127.1	125	171.4
6740	1.8	125.3	127	171.1
6750	1.8	123.6	129	170.9
6760	1.8	121.9	131	170.6
6770	1.8	120.2	132	170.3
6780	1.8	118.5	134	170.1
6790	1.6	116.8	136	169.8
6800	1.4	115.1	137	169.5
6810	-1.1	113.4	139	169.0
6820	-4.6	111.7	141	167.4
6830	-4.7	110.1	142	165.0
6840	-2.0	108.5	144	163.1
6850	1.1	106.8	146	162.1
6860	1.5	105.2	147	161.8
6870	-0.3	103.6	149	161.5
6880	-2.2	102.0	150	160.2
6890	-3.0	100.4	152	158.6
6900	-2.2	98.8	154	156.8
6910	-0.7	97.3	155	155.7
6920	-0.5	95.7	157	154.6
6930	-2.0	94.2	158	153.6
6940	-3.8	92.6	160	152.2
6950	-5.0	91.1	161	150.1
6960	-4.5	89.7	163	148.0

6970	-3.0	88.2	164	146.1
6980	-2.3	86.7	166	144.2
6990	-3.3	85.3	167	142.9
7000	-3.9	83.9	169	141.0
7010	-4.5	82.5	170	139.2
7020	-5.0	81.1	171	137.3
7030	-5.7	79.8	173	121.3
7040	-0.1	78.6	174	126.9
7050	2.3	77.6	175	95.0
7060	9.8	76.8	176	77.4
7070	19.9	76.1	176	56.9
7080	18.4	75.6	177	51.9
7090	7.7	75.1	177	41.5
7100	-0.5	74.8	178	35.9
7110	-1.8	74.5	178	26.6
7120	-11.4	74.3	178	20.4
7130	-18.4	74.1	178	13.0
7140	-22.2	74.0	178	9.5
7150	-18.7	74.0	178	2.6
7160	-12.1	74.0	178	-0.5
7170	-6.8	74.0	178	-2.6
7180	-5.3	74.1	178	-3.9
7190	-8.5	74.1	178	-5.3
7200	-14.0	74.2	178	-7.9
7210	-17.8	74.3	178	-11.1
7220	-18.7	74.5	178	-15.7
7230	-17.5	74.7	178	-20.2
7240	-16.7	74.9	178	-24.4
7250	-17.8	75.2	177	-28.4
7260	-19.8	75.6	177	-39.9
7270	-21.8	76.0	176	-41.5
7280	-22.5	76.4	176	-42.8
7290	-20.7	77.0	175	-48.4
7300	-17.8	77.5	175	-53.5
7310	-15.6	78.2	174	-57.2
7320	-15.2	78.8	174	-61.2
7330	-16.3	79.5	173	-64.6
7340	-18.2	80.3	172	-68.6
7350	-19.7	81.1	171	-80.9
7360	-19.7	82.0	170	-86.7
7370	-17.8	82.9	170	-92.1
7380	-15.1	83.9	169	-96.3
7390	-12.6	84.8	168	-100.6
7400	-11.7	85.9	167	-103.8
7410	-12.7	86.9	166	-106.4
7420	-14.2	88.0	164	-110.2
7430	-14.8	89.2	163	-113.6
7440	-14.4	90.3	162	-117.4
7450	-12.9	91.5	161	-120.8
7460	-12.1	92.8	160	-124.0
7470	-11.9	94.0	158	-127.2
7480	-12.6	95.3	157	-130.1
7490	-12.5	96.6	156	-133.3
7500	-10.8	98.0	154	-136.3

7510	-8.7	99.4	153	-138.9
7520	-7.7	100.8	152	-140.5
7530	-8.1	102.2	150	-142.4
7540	-10.0	103.6	149	-144.2
7550	-11.7	105.1	147	-146.4
7560	-12.3	106.6	146	-149.3
7570	-11.0	108.1	144	-152.0
7580	-7.9	109.6	143	-154.4
7590	-6.1	111.2	141	-156.0
7600	-5.6	112.8	140	-157.0
7610	-7.5	114.3	138	-158.1
7620	-9.5	115.9	137	-159.2
7630	-10.3	117.5	135	-161.8
7640	-9.6	119.2	133	-163.7
7650	-8.3	120.8	132	-165.8
7660	-7.3	122.5	130	-167.1
7670	-7.7	124.2	128	-168.5
7680	-9.1	125.9	127	-170.3
7690	-9.4	127.6	125	-171.9
7700	-8.4	129.3	123	-173.8
7710	-8.3	131.1	121	-174.1
7720	-9.6	132.8	120	-174.1
7730	-11.4	134.6	118	-174.3
7740	-11.8	136.3	116	-174.6
7750	-11.5	138.0	114	-174.1
7760	-10.8	139.8	113	-174.3
7770	-10.6	141.5	111	-174.3
7780	-11.3	143.3	109	-174.1
7790	-11.7	145.0	107	-174.3
7800	-11.3	146.8	106	-174.6
7810	-10.8	148.5	104	-174.1
7820	-11.4	150.2	102	-174.6
7830	-12.5	152.0	100	-174.6
7840	-12.5	153.7	99	-174.3
7850	-11.4	155.5	97	-174.3
7860	-9.6	157.2	95	-174.3
7870	-9.2	159.0	93	-174.1
7880	-9.9	160.7	92	-174.3
7890	-10.8	162.4	90	-174.3
7900	-11.0	164.2	88	-174.1
7910	-10.3	165.9	87	-174.3
7920	-9.6	167.7	85	-174.1
7930	-9.4	169.4	83	-173.8
7940	-9.2	171.2	81	-174.1
7950	-8.7	172.9	80	-174.1
7960	-8.1	174.6	78	-174.1
7970	-7.6	176.4	76	-174.3
7980	-7.7	178.1	74	-174.1
7990	-8.0	179.9	73	-173.8
8000	-8.1	181.6	71	-174.1
8010	-8.1	183.3	69	-173.8
8020	-8.8	185.1	67	-173.8
8030	-7.9	186.8	66	-174.1
8040	-5.7	188.6	64	-173.8

8050	-4.1	190.3	62	-173.8
8060	-4.7	192.0	60	-173.8
8070	-7.1	193.8	59	-173.5
8080	-9.8	195.5	57	-174.3
8090	-11.4	197.2	55	-174.3
8100	-11.3	199.0	53	-174.3
8110	-9.6	200.7	52	-174.6
8120	-8.1	202.5	50	-174.3
8130	-7.5	204.2	48	-173.8
8140	-6.9	206.0	46	-173.8
8150	-6.9	207.7	45	-174.1
8160	-6.8	209.4	43	-173.8
8170	-6.5	211.2	41	-173.8
8180	-7.1	212.9	40	-174.1
8190	-8.3	214.7	38	-174.1
8200	-8.8	216.4	36	-174.1
8210	-8.3	218.1	34	-174.3
8220	-6.9	219.9	33	-173.8
8230	-5.6	221.6	31	-173.8
8240	-4.7	223.4	29	-173.5
8250	-4.1	225.1	27	-173.5
8260	-3.7	226.8	26	-173.8
8270	-3.1	228.6	24	-173.3
8280	-2.8	230.3	22	-173.5
8290	-3.0	232.0	20	-173.5
8300	-3.3	233.8	19	-173.3
8310	-2.8	235.5	17	-173.8
8320	-2.2	237.2	15	-173.5
8330	-1.8	239.0	13	-173.0
8340	-1.9	240.7	12	-173.0
8350	-1.9	242.4	10	-172.7
8360	-1.8	244.2	8	-172.5
8370	-1.8	245.9	7	-172.2
8380	-1.5	247.6	5	-171.7
8390	0.4	249.3	3	-171.1
8400	4.1	251.0	1	-169.8
8410	6.1	252.7	0	-167.4
8420	6.0	254.4	-2	-164.7
8430	3.7	256.0	-4	-162.3
8440	1.8	257.6	-5	-160.5
8450	1.2	259.2	-7	-159.4
8460	2.7	260.8	-8	-158.1
8470	5.3	262.4	-10	-156.2
8480	7.6	263.9	-11	-153.8
8490	8.7	265.4	-13	-150.4
8500	4.5	266.8	-14	-137.6
8510	-2.8	268.0	-16	-119.5
8520	-16.1	268.9	-16	-87.5
8530	-36.5	269.6	-17	-70.5
8540	-41.0	270.2	-18	-50.8
8550	-28.3	270.7	-18	-44.4
8560	-6.9	271.0	-19	-30.0
8570	1.4	271.3	-19	-27.6
8580	10.7	271.5	-19	-19.4

8590	24.5	271.7	-19	-13.3
8600	30.5	271.7	-19	-6.1
8610	25.1	271.7	-19	1.8
8620	15.5	271.7	-19	5.0
8630	9.2	271.6	-19	9.3
8640	8.8	271.5	-19	10.9
8650	14.2	271.4	-19	12.2
8660	21.0	271.2	-19	15.7
8670	24.7	271.0	-19	21.2
8680	23.2	270.7	-18	27.1
8690	18.6	270.4	-18	39.9
8700	15.1	270.0	-18	45.5
8710	15.1	269.5	-17	45.5
8720	18.8	269.1	-17	44.7
8730	24.1	268.5	-16	49.5
8740	27.5	267.9	-15	55.3
8750	26.3	267.3	-15	61.7
8760	22.1	266.5	-14	68.4
8770	18.4	265.7	-13	73.4
8780	17.9	264.8	-12	86.2
8790	20.1	263.9	-11	91.3
8800	22.6	263.0	-11	97.1
8810	23.9	261.9	-9	103.2
8820	22.6	260.9	-8	109.9
8830	20.1	259.7	-7	115.8
8840	17.9	258.5	-6	121.3
8850	17.4	257.3	-5	125.9
8860	18.6	256.0	-4	130.9
8870	20.9	254.6	-2	136.0
8880	21.8	253.2	-1	141.6
8890	20.7	251.8	1	147.2
8900	18.8	250.3	2	152.5
8910	16.3	248.7	4	157.3
8920	14.6	247.1	5	161.0
8930	15.1	245.4	7	164.7
8940	16.4	243.8	9	168.5
8950	17.6	242.1	10	172.7
8960	18.2	240.3	12	176.7
8970	17.6	238.5	14	179.1
8980	18.4	236.7	16	179.4
8990	19.5	234.9	18	179.4
9000	20.3	233.1	19	179.7
9010	20.6	231.3	21	179.9
9020	20.1	229.5	23	179.7
9030	18.7	227.7	25	179.4
9040	17.6	225.9	27	179.4
9050	16.8	224.1	28	179.4
9060	16.1	222.3	30	179.4
9070	15.9	220.6	32	179.4
9080	17.0	218.8	34	179.4
9090	17.6	217.0	35	179.4
9100	17.6	215.2	37	179.4
9110	16.7	213.4	39	179.9
9120	13.7	211.6	41	179.4

9130	11.0	209.8	43	179.4
9140	9.2	208.0	44	178.9
9150	8.8	206.2	46	179.4
9160	9.1	204.4	48	179.7
9170	9.6	202.6	50	179.4
9180	10.3	200.8	52	179.9
9190	10.3	199.0	53	179.7
9200	10.0	197.2	55	179.4
9210	9.1	195.4	57	179.7
9220	6.8	193.6	59	179.4
9230	4.6	191.8	61	179.4
9240	3.3	190.0	62	179.4
9250	3.1	188.2	64	179.4
9260	4.5	186.4	66	179.4
9270	6.1	184.6	68	179.7
9280	7.6	182.9	70	179.7
9290	6.9	181.1	71	179.9
9300	4.6	179.3	73	179.7
9310	3.7	177.5	75	179.7
9320	3.5	175.7	77	179.4
9330	3.5	173.9	79	179.4
9340	3.7	172.1	80	179.4
9350	3.5	170.3	82	179.4
9360	3.9	168.5	84	179.7
9370	4.1	166.7	86	179.7
9380	4.2	164.9	88	179.4
9390	3.9	163.1	89	179.7
9400	3.9	161.3	91	179.7
9410	4.1	159.5	93	179.7
9420	4.1	157.7	95	179.4
9430	3.9	155.9	97	179.7
9440	3.9	154.1	98	179.9
9450	4.1	152.3	100	179.7
9460	4.3	150.5	102	179.7
9470	4.3	148.7	104	179.9
9480	4.3	146.9	106	179.7
9490	3.8	145.1	107	179.7
9500	3.4	143.3	109	179.4
9510	3.5	141.5	111	179.7
9520	3.5	139.7	113	179.4
9530	3.5	137.9	115	179.9
9540	3.3	136.1	116	179.7
9550	2.8	134.3	118	179.9
9560	2.6	132.5	120	179.4
9570	2.3	130.7	122	179.7
9580	2.3	129.0	123	179.4
9590	2.0	127.2	125	179.4
9600	1.9	125.4	127	178.9
9610	1.9	123.6	129	178.6
9620	1.8	121.8	131	178.6
9630	1.8	120.0	132	178.1
9640	1.8	118.2	134	177.8
9650	1.8	116.5	136	175.4
9660	1.8	114.7	138	175.1

9670	1.6	113.0	139	174.6
9680	0.7	111.2	141	174.1
9690	-2.4	109.5	143	173.5
9700	-4.9	107.8	145	171.4
9710	-3.7	106.1	146	169.3
9720	-1.4	104.4	148	167.4
9730	-0.1	102.7	150	166.3
9740	-0.4	101.1	151	165.3
9750	-1.4	99.4	153	164.2
9760	-2.3	97.8	155	163.1
9770	-3.1	96.2	156	161.5
9780	-3.4	94.6	158	160.0
9790	-3.7	93.0	159	158.1
9800	-3.7	91.4	161	156.0
9810	-3.8	89.9	163	154.4
9820	-4.3	88.3	164	152.2
9830	-5.4	86.8	166	150.1
9840	-6.0	85.3	167	147.4
9850	-5.8	83.9	169	145.0
9860	-4.9	82.5	170	142.6
9870	-3.4	81.0	171	140.5
9880	-3.3	79.7	173	124.8
9890	2.3	78.4	174	128.5
9900	4.9	77.5	175	95.0
9910	20.3	76.7	176	68.9
9920	30.4	76.0	176	63.3
9930	25.2	75.4	177	45.7
9940	11.4	75.0	177	40.1
9950	-1.2	74.7	178	31.1
9960	-0.8	74.4	178	27.1
9970	-5.7	74.2	178	19.9
9980	-14.9	74.1	178	15.7
9990	-16.8	74.0	178	9.5
10000	-15.3	73.9	179	4.5
10010	-11.4	73.9	179	0.7
10020	-8.7	73.9	179	-0.5
10030	-8.7	73.9	179	-1.8
10040	-9.8	73.9	179	-3.9
10050	-11.7	74.0	178	-6.3
10060	-13.4	74.1	178	-9.3
10070	-14.5	74.2	178	-12.5
10080	-15.9	74.4	178	-16.2
10090	-18.2	74.6	178	-20.2
10100	-20.6	74.9	178	-29.8
10110	-22.6	75.2	177	-32.4
10120	-23.5	75.5	177	-34.8
10130	-22.5	76.0	176	-40.4
10140	-19.8	76.5	176	-46.0
10150	-16.7	77.0	175	-50.8
10160	-15.6	77.6	175	-54.8
10170	-16.4	78.3	174	-58.3
10180	-18.6	78.9	174	-62.2
10190	-20.1	79.7	173	-67.3
10200	-19.8	80.5	172	-79.8

10210	-18.3	81.3	171	-85.1
10220	-15.9	82.2	170	-89.9
10230	-14.2	83.2	169	-94.2
10240	-13.3	84.1	168	-97.9
10250	-13.0	85.1	167	-101.4
10260	-12.5	86.2	166	-104.6
10270	-12.6	87.2	165	-107.8
10280	-12.3	88.3	164	-111.2
10290	-13.0	89.5	163	-114.2
10300	-13.8	90.7	162	-117.9
10310	-14.4	91.9	161	-121.3
10320	-13.7	93.1	159	-125.1
10330	-11.8	94.4	158	-128.3
10340	-10.0	95.7	157	-131.5
10350	-8.4	97.0	155	-133.6
10360	-7.5	98.4	154	-135.5
10370	-7.3	99.7	153	-137.1
10380	-8.5	101.1	151	-138.9
10390	-9.8	102.5	150	-140.2
10400	-10.4	103.9	149	-142.9
10410	-10.6	105.4	147	-145.0
10420	-9.9	106.9	146	-147.4
10430	-8.3	108.3	144	-149.6
10440	-6.8	109.9	143	-151.4
10450	-5.3	111.4	141	-152.5
10460	-5.6	112.9	140	-153.6
10470	-7.1	114.5	138	-154.6
10480	-8.8	116.0	136	-155.7
10490	-9.2	117.6	135	-157.8
10500	-9.1	119.2	133	-159.4
10510	-8.4	120.8	132	-161.8
10520	-7.9	122.4	130	-163.1
10530	-7.9	124.1	128	-164.5
10540	-8.1	125.7	127	-166.3
10550	-7.9	127.4	125	-167.7
10560	-7.2	129.1	123	-169.3
10570	-6.9	130.8	122	-170.3
10580	-7.9	132.5	120	-171.7
10590	-9.2	134.2	118	-173.5
10600	-10.0	136.0	116	-174.1
10610	-10.7	137.7	115	-174.1
10620	-11.1	139.4	113	-174.3
10630	-11.4	141.2	111	-174.3
10640	-11.9	142.9	110	-174.3
10650	-11.7	144.7	108	-174.3
10660	-10.4	146.4	106	-174.6
10670	-9.5	148.2	104	-173.8
10680	-9.9	149.9	103	-174.1
10690	-10.8	151.7	101	-174.3
10700	-11.4	153.4	99	-174.3
10710	-11.1	155.1	97	-174.3
10720	-9.6	156.9	96	-174.3
10730	-8.9	158.6	94	-174.1
10740	-9.9	160.4	92	-174.1

10750	-11.7	162.1	90	-174.1
10760	-12.6	163.9	89	-174.6
10770	-12.6	165.6	87	-174.6
10780	-11.4	167.3	85	-174.3
10790	-10.6	169.1	83	-174.1
10800	-10.7	170.8	82	-174.3
10810	-11.5	172.6	80	-174.1
10820	-12.3	174.3	78	-174.6
10830	-12.3	176.1	76	-174.6
10840	-11.4	177.8	75	-174.3
10850	-10.3	179.5	73	-174.3
10860	-9.6	181.3	71	-174.3
10870	-9.2	183.0	69	-174.1
10880	-9.4	184.8	68	-174.3
10890	-9.8	186.5	66	-174.3
10900	-10.2	188.3	64	-174.1
10910	-9.5	190.0	62	-174.3
10920	-8.9	191.7	61	-174.1
10930	-8.5	193.5	59	-173.8
10940	-9.4	195.2	57	-174.1
10950	-10.6	197.0	55	-174.3
10960	-11.7	198.7	54	-174.3
10970	-11.7	200.5	52	-174.3
10980	-11.0	202.2	50	-174.3
10990	-10.0	203.9	49	-174.1
11000	-9.1	205.7	47	-174.3
11010	-7.9	207.4	45	-174.1
11020	-6.9	209.2	43	-174.1
11030	-6.0	210.9	42	-174.1
11040	-6.6	212.6	40	-173.5
11050	-7.9	214.4	38	-174.1
11060	-8.5	216.1	36	-174.1
11070	-7.7	217.9	35	-174.1
11080	-6.1	219.6	33	-173.8
11090	-4.5	221.3	31	-174.1
11100	-4.1	223.1	29	-173.5
11110	-3.7	224.8	28	-173.5
11120	-3.3	226.6	26	-173.8
11130	-2.6	228.3	24	-173.5
11140	-2.0	230.0	22	-173.5
11150	-2.0	231.8	21	-173.3
11160	-1.9	233.5	19	-173.0
11170	-1.8	235.2	17	-172.7
11180	-1.8	236.9	16	-172.2
11190	-1.8	238.7	14	-171.9
11200	-1.6	240.4	12	-171.9
11210	-0.7	242.1	10	-171.4
11220	4.2	243.8	9	-169.8
11230	8.8	245.5	7	-167.7
11240	8.0	247.1	5	-163.7
11250	4.3	248.8	4	-161.3
11260	0.4	250.3	2	-159.7
11270	0.1	251.9	1	-158.6
11280	2.7	253.5	-1	-157.8

11290	6.2	255.1	-3	-155.4
11300	8.0	256.6	-4	-152.8
11310	7.6	258.1	-6	-149.6
11320	6.2	259.6	-7	-146.9
11330	5.3	261.1	-9	-144.8
11340	6.5	262.5	-10	-142.1
11350	8.9	263.9	-11	-139.5
11360	12.5	265.2	-13	-135.5
11370	12.9	266.5	-14	-112.3
11380	1.1	267.6	-15	-111.5
11390	-1.8	268.4	-16	-84.3
11400	-2.2	269.2	-17	-61.4
11410	-9.5	269.7	-17	-56.4
11420	-9.8	270.2	-18	-41.2
11430	0.0	270.6	-18	-40.1
11440	0.5	270.9	-18	-29.5
11450	7.5	271.2	-19	-21.5
11460	26.8	271.4	-19	-18.6
11470	32.8	271.5	-19	-7.9
11480	28.1	271.5	-19	1.0
11490	20.3	271.5	-19	3.9
11500	14.1	271.4	-19	8.2
11510	12.3	271.3	-19	11.7
11520	15.7	271.1	-19	15.1
11530	22.0	270.9	-18	18.9
11540	26.0	270.6	-18	24.4
11550	24.8	270.3	-18	30.8
11560	20.1	269.9	-17	36.7
11570	15.6	269.5	-17	50.8
11580	15.5	269.0	-17	55.6
11590	19.4	268.4	-16	60.1
11600	24.4	267.8	-15	66.0
11610	26.6	267.2	-15	73.2
11620	24.1	266.5	-14	81.4
11630	19.7	265.7	-13	88.3
11640	16.3	264.8	-12	85.7
11650	15.5	263.9	-11	89.9
11660	17.8	263.0	-11	94.2
11670	21.2	262.0	-10	99.3
11680	22.4	261.0	-9	105.1
11690	20.9	259.9	-7	111.2
11700	17.8	258.7	-6	116.6
11710	14.6	257.5	-5	121.3
11720	14.0	256.3	-4	125.1
11730	15.5	255.0	-3	128.8
11740	17.8	253.7	-1	132.8
11750	18.2	252.3	0	137.6
11760	17.4	250.9	2	142.1
11770	15.5	249.5	3	146.4
11780	13.0	248.0	4	150.4
11790	11.5	246.4	6	153.3
11800	11.7	244.9	8	156.2
11810	12.7	243.3	9	158.9
11820	13.3	241.7	11	162.1

11830	12.7	240.0	12	165.3
11840	11.1	238.4	14	167.9
11850	9.6	236.7	16	170.3
11860	9.2	234.9	18	172.5
11870	9.4	233.2	19	174.3
11880	10.3	231.5	21	176.2
11890	10.0	229.7	23	178.3
11900	9.5	227.9	25	178.9
11910	9.8	226.1	26	179.1
11920	10.2	224.3	28	179.4
11930	10.3	222.5	30	179.4
11940	9.8	220.7	32	179.4
11950	9.5	218.9	34	179.1
11960	8.8	217.1	35	179.7
11970	8.1	215.3	37	179.4
11980	8.1	213.5	39	179.4
11990	8.1	211.7	41	179.7
12000	8.1	209.9	43	179.4
12010	8.3	208.1	44	179.7
12020	8.8	206.3	46	179.7
12030	9.4	204.5	48	179.7
12040	9.1	202.7	50	179.9
12050	9.1	201.0	51	179.9
12060	9.1	199.2	53	179.7
12070	6.8	197.4	55	179.7
12080	4.1	195.6	57	179.4
12090	2.2	193.8	59	179.4
12100	2.2	192.0	60	179.1
12110	3.1	190.2	62	179.1
12120	5.7	188.4	64	179.4
12130	8.4	186.6	66	179.9
12140	8.3	184.8	68	180.2
12150	5.6	183.0	69	179.7
12160	2.2	181.2	71	179.4
12170	1.8	179.4	73	179.4
12180	1.9	177.6	75	179.1
12190	2.0	175.8	77	178.6
12200	2.2	174.0	78	178.3
12210	2.3	172.3	80	178.6
12220	2.4	170.5	82	178.3
12230	2.6	168.7	84	178.1
12240	2.4	166.9	86	178.3
12250	2.4	165.1	87	178.1
12260	2.4	163.4	89	176.7
12270	3.0	161.6	91	175.4
12280	3.4	159.8	93	175.4
12290	3.3	158.1	94	175.7
12300	2.3	156.3	96	175.7
12310	2.0	154.6	98	175.7
12320	2.0	152.8	100	175.4
12330	2.2	151.1	101	175.1
12340	2.4	149.3	103	174.9
12350	2.7	147.6	105	174.9
12360	2.8	145.8	107	174.9

12370	2.8	144.1	108	174.9
12380	2.8	142.3	110	174.9
12390	2.7	140.6	112	174.6
12400	2.2	138.8	114	174.6
12410	2.0	137.1	115	174.6
12420	2.3	135.3	117	174.6
12430	2.7	133.6	119	174.3
12440	3.4	131.8	121	174.3
12450	3.8	130.1	122	174.6
12460	3.5	128.3	124	174.9
12470	2.6	126.6	126	174.9
12480	1.9	124.8	128	174.9
12490	1.8	123.1	129	174.6
12500	1.8	121.4	131	174.3
12510	1.8	119.6	133	174.1
12520	1.8	117.9	135	173.8
12530	1.4	116.1	136	173.8
12540	-0.7	114.4	138	172.7
12550	-3.9	112.7	140	171.4
12560	-5.0	111.0	141	169.3
12570	-3.3	109.3	143	166.9
12580	-0.5	107.7	145	165.5
12590	0.7	106.0	146	164.7
12600	-0.7	104.4	148	163.7
12610	-3.8	102.7	150	162.6
12620	-5.2	101.1	151	160.5
12630	-4.1	99.5	153	158.4
12640	-2.0	98.0	154	156.5
12650	-0.9	96.4	156	155.2
12660	-2.3	94.9	158	154.4
12670	-4.7	93.3	159	152.2
12680	-5.6	91.8	161	150.4
12690	-5.2	90.3	162	147.7
12700	-3.7	88.9	164	145.6
12710	-2.6	87.4	165	144.0
12720	-2.8	86.0	166	142.4
12730	-3.9	84.6	168	140.8
12740	-5.3	83.2	169	138.7
12750	-5.3	81.8	171	136.5
12760	-5.2	80.5	172	134.1
12770	-2.8	79.2	173	139.5
12780	2.3	78.1	174	104.8
12790	11.5	77.2	175	93.9
12800	25.2	76.5	176	70.8
12810	28.6	75.9	177	63.8
12820	19.7	75.4	177	47.1
12830	6.9	75.0	177	37.5
12840	-0.3	74.7	178	32.2
12850	-0.5	74.4	178	23.6
12860	-7.6	74.2	178	21.0
12870	-15.2	74.1	178	13.8
12880	-16.7	74.0	178	8.2
12890	-15.5	73.9	179	4.7
12900	-12.5	73.9	179	0.2

12910	-10.2	73.9	179	-0.7
12920	-9.9	73.9	179	-2.6
12930	-11.1	74.0	178	-5.0
12940	-13.0	74.0	178	-7.7
12950	-14.9	74.2	178	-11.4
12960	-16.5	74.3	178	-14.9
12970	-19.1	74.5	178	-19.1
12980	-21.8	74.8	178	-24.2
12990	-24.1	75.1	177	-29.0
13000	-25.1	75.5	177	-42.5
13010	-23.9	75.9	177	-50.3
13020	-20.6	76.4	176	-57.2
13030	-17.2	77.0	175	-63.6
13040	-16.0	77.6	175	-68.6
13050	-17.1	78.3	174	-73.4
13060	-19.3	79.0	173	-78.2
13070	-20.7	79.7	173	-84.1
13080	-20.9	80.5	172	-90.2
13090	-19.8	81.4	171	-87.3
13100	-17.8	82.3	170	-93.1
13110	-15.9	83.3	169	-97.7
13120	-14.8	84.3	168	-101.9
13130	-13.7	85.3	167	-105.9
13140	-13.3	86.4	166	-109.1
13150	-13.0	87.5	165	-112.6
13160	-13.0	88.7	164	-116.0
13170	-13.7	89.9	163	-119.2
13180	-14.5	91.1	161	-122.9
13190	-15.1	92.3	160	-126.7
13200	-14.8	93.6	159	-130.7
13210	-13.6	95.0	157	-133.9
13220	-11.8	96.3	156	-137.6
13230	-10.0	97.7	155	-140.2
13240	-8.4	99.1	153	-142.6
13250	-7.7	100.6	152	-144.0
13260	-8.4	102.0	150	-146.1
13270	-9.2	103.5	149	-147.4
13280	-11.0	105.0	147	-149.8
13290	-11.7	106.5	146	-152.5
13300	-11.3	108.1	144	-154.6
13310	-8.5	109.6	143	-157.6
13320	-6.6	111.2	141	-158.9
13330	-5.6	112.8	140	-160.2
13340	-5.8	114.4	138	-161.3
13350	-7.1	116.0	136	-162.1
13360	-7.9	117.7	135	-163.4
13370	-8.4	119.3	133	-165.0
13380	-8.3	121.0	131	-166.6
13390	-8.7	122.7	130	-168.5
13400	-9.1	124.4	128	-170.1
13410	-9.5	126.1	126	-171.9
13420	-8.4	127.8	125	-173.8
13430	-7.5	129.6	123	-173.8
13440	-7.6	131.3	121	-174.1

13450	-9.1	133.0	119	-174.1
13460	-10.6	134.8	118	-174.1
13470	-11.3	136.5	116	-174.3
13480	-11.0	138.3	114	-174.3
13490	-10.6	140.0	112	-174.1
13500	-10.3	141.7	111	-174.6
13510	-10.7	143.5	109	-174.3
13520	-10.7	145.2	107	-174.1
13530	-9.5	147.0	105	-174.6
13540	-8.9	148.7	104	-174.1
13550	-9.4	150.5	102	-174.3
13560	-10.6	152.2	100	-174.3
13570	-11.3	153.9	99	-174.3
13580	-11.0	155.7	97	-174.3
13590	-10.2	157.4	95	-174.3
13600	-10.0	159.2	93	-174.1
13610	-10.8	160.9	92	-174.1
13620	-11.3	162.7	90	-174.3
13630	-11.1	164.4	88	-174.1
13640	-10.8	166.2	86	-174.3
13650	-11.0	167.9	85	-174.3
13660	-11.7	169.6	83	-174.1
13670	-12.1	171.4	81	-174.6
13680	-12.1	173.1	79	-174.3
13690	-11.9	174.9	78	-174.3
13700	-12.1	176.6	76	-174.3
13710	-11.9	178.4	74	-174.3
13720	-12.3	180.1	72	-174.3
13730	-11.9	181.8	71	-174.6
13740	-11.4	183.6	69	-174.3
13750	-11.3	185.3	67	-174.3
13760	-11.0	187.1	65	-174.6
13770	-10.3	188.8	64	-174.3
13780	-9.4	190.6	62	-174.1
13790	-9.2	192.3	60	-174.1
13800	-9.5	194.0	58	-174.1
13810	-10.2	195.8	57	-174.3
13820	-11.3	197.5	55	-174.6
13830	-11.5	199.3	53	-174.3
13840	-11.1	201.0	51	-174.3
13850	-11.0	202.8	50	-174.3
13860	-10.7	204.5	48	-174.1
13870	-9.9	206.3	46	-174.6
13880	-8.3	208.0	44	-174.3
13890	-7.2	209.7	43	-173.8
13900	-6.1	211.5	41	-173.8
13910	-6.9	213.2	39	-174.1
13920	-8.4	215.0	37	-174.1
13930	-9.4	216.7	36	-174.1
13940	-9.2	218.4	34	-174.3
13950	-8.1	220.2	32	-174.1
13960	-6.6	221.9	31	-174.1
13970	-6.2	223.7	29	-173.8
13980	-5.7	225.4	27	-173.8

13990	-5.2	227.1	25	-173.8
14000	-4.3	228.9	24	-173.8
14010	-4.3	230.6	22	-173.5
14020	-4.2	232.4	20	-174.1
14030	-4.5	234.1	18	-173.8
14040	-4.5	235.8	17	-173.5
14050	-3.4	237.6	15	-173.8
14060	-2.4	239.3	13	-173.5
14070	-2.2	241.0	11	-173.5
14080	-2.0	242.8	10	-173.5
14090	-1.9	244.5	8	-173.0
14100	-1.8	246.2	6	-172.7
14110	-1.6	248.0	4	-172.5
14120	-1.5	249.7	3	-171.9
14130	0.4	251.4	1	-171.7
14140	5.4	253.1	-1	-170.1
14150	7.9	254.8	-2	-167.1
14160	6.1	256.4	-4	-164.2
14170	2.2	258.1	-6	-161.8
14180	-0.4	259.7	-7	-160.7
14190	0.4	261.3	-9	-160.2
14200	4.2	262.9	-10	-158.6
14210	8.3	264.4	-12	-156.8
14220	10.0	266.0	-14	-152.5
14230	0.8	267.3	-15	-128.5
14240	-3.4	268.3	-16	-91.3
14250	-20.2	269.2	-17	-81.4
14260	-37.3	269.9	-17	-71.6
14270	-35.1	270.5	-18	-51.6
14280	-16.8	270.9	-18	-43.3
14290	0.3	271.2	-19	-29.2
14300	0.9	271.4	-19	-20.2
14310	8.9	271.6	-19	-18.3
14320	17.9	271.7	-19	-11.4
14330	19.8	271.8	-19	-5.0
14340	16.0	271.8	-19	0.2
14350	13.8	271.8	-19	0.5
14360	13.6	271.8	-19	5.8
14370	14.5	271.7	-19	8.2
14380	16.3	271.6	-19	11.1
14390	17.6	271.4	-19	18.9
14400	18.2	271.2	-19	24.2
14410	17.8	271.0	-19	29.5
14420	17.1	270.7	-18	34.3
14430	17.5	270.3	-18	39.9
14440	19.3	269.9	-17	45.5
14450	21.3	269.5	-17	51.3
14460	22.4	268.9	-16	57.5
14470	22.4	268.4	-16	64.4
14480	21.2	267.7	-15	70.8
14490	19.9	267.1	-15	77.2
14500	19.1	266.3	-14	83.3
14510	19.8	265.5	-13	88.9
14520	21.2	264.7	-12	86.2

14530	21.7	263.8	-11	92.1
14540	21.0	262.8	-10	97.9
14550	19.5	261.8	-9	103.8
14560	17.5	260.7	-8	109.1
14570	16.3	259.6	-7	113.9
14580	16.4	258.4	-6	118.2
14590	16.8	257.2	-5	122.4
14600	17.2	255.9	-3	126.7
14610	17.6	254.6	-2	131.5
14620	16.8	253.3	-1	135.7
14630	15.1	251.9	1	140.2
14640	14.5	250.5	2	144.0
14650	13.7	249.0	3	147.7
14660	13.2	247.5	5	150.9
14670	12.9	246.0	6	154.1
14680	12.6	244.4	8	157.3
14690	12.2	242.8	10	160.2
14700	11.8	241.2	11	163.4
14710	10.8	239.5	13	165.8
14720	9.8	237.8	15	168.5
14730	9.4	236.1	16	170.6
14740	8.9	234.4	18	172.5
14750	9.2	232.7	20	174.6
14760	9.5	230.9	22	176.5
14770	8.9	229.1	23	178.1
14780	8.7	227.3	25	178.6
14790	8.9	225.6	27	178.9
14800	9.2	223.8	29	179.1
14810	9.1	222.0	30	179.4
14820	8.4	220.2	32	179.4
14830	8.1	218.4	34	179.4
14840	7.7	216.6	36	179.4
14850	7.6	214.8	38	179.4
14860	7.7	213.0	39	179.7
14870	7.1	211.2	41	179.7
14880	6.4	209.4	43	179.7
14890	6.2	207.6	45	179.7
14900	6.2	205.8	47	179.4
14910	6.2	204.0	48	179.7
14920	6.0	202.2	50	179.7
14930	5.4	200.4	52	179.7
14940	3.9	198.6	54	179.7
14950	2.4	196.8	56	179.1
14960	1.9	195.0	57	179.1
14970	2.3	193.3	59	179.1
14980	3.1	191.5	61	178.9
14990	4.7	189.7	63	179.1
15000	6.6	187.9	65	179.7
15010	7.5	186.1	66	179.9
15020	6.2	184.3	68	179.9
15030	4.5	182.5	70	179.7
15040	2.6	180.7	72	179.9
15050	2.4	178.9	74	179.7
15060	3.1	177.1	75	179.4

15070	3.9	175.3	77	179.4
15080	5.2	173.5	79	179.7
15090	5.6	171.7	81	179.7
15100	4.7	169.9	83	179.7
15110	4.3	168.1	84	179.9
15120	3.8	166.3	86	179.9
15130	3.4	164.5	88	179.4
15140	2.8	162.7	90	179.7
15150	2.6	160.9	92	179.7
15160	2.4	159.1	93	179.7
15170	2.2	157.3	95	179.4
15180	2.2	155.5	97	179.1
15190	2.0	153.7	99	179.1
15200	2.0	152.0	100	178.6
15210	2.0	150.2	102	178.6
15220	2.0	148.4	104	178.6
15230	1.9	146.6	106	178.1
15240	1.9	144.8	108	177.8
15250	2.0	143.1	109	175.1
15260	2.2	141.3	111	174.9
15270	2.3	139.6	113	174.9
15280	2.4	137.8	115	174.6
15290	2.6	136.1	116	174.6
15300	2.7	134.3	118	174.6
15310	2.6	132.6	120	174.6
15320	2.3	130.8	122	174.6
15330	2.2	129.1	123	174.1
15340	2.0	127.3	125	174.1
15350	1.9	125.6	127	174.1
15360	1.9	123.9	129	173.5
15370	1.8	122.1	130	173.5
15380	1.8	120.4	132	173.0
15390	1.8	118.7	134	172.7
15400	1.8	116.9	136	172.7
15410	1.6	115.2	137	172.2
15420	1.1	113.5	139	171.9
15430	-0.8	111.8	141	171.1
15440	-3.3	110.1	142	169.8
15450	-3.0	108.4	144	167.9
15460	-0.3	106.7	146	166.6
15470	1.2	105.1	147	165.8
15480	1.1	103.4	149	165.5
15490	0.0	101.8	151	164.7
15500	-1.1	100.1	152	163.9
15510	-1.6	98.5	154	162.6
15520	-0.7	96.9	156	161.3
15530	-0.3	95.3	157	160.5
15540	-0.9	93.7	159	159.4
15550	-2.2	92.1	160	158.4
15560	-3.4	90.5	162	156.8
15570	-3.4	89.0	163	154.9
15580	-2.8	87.4	165	153.3
15590	-2.2	85.9	167	151.7
15600	-2.4	84.4	168	150.4

15610	-2.7	82.9	170	148.5
15620	-3.4	81.4	171	147.4
15630	-4.7	80.0	172	145.3
15640	0.4	78.7	174	128.3
15650	3.4	77.5	175	112.6
15660	17.1	76.7	176	83.0
15670	31.7	76.0	176	73.7
15680	27.9	75.4	177	54.0
15690	12.7	75.0	177	42.3
15700	-1.6	74.6	178	32.2
15710	-5.4	74.4	178	22.6
15720	-14.9	74.2	178	18.9
15730	-19.4	74.0	178	11.9
15740	-21.3	73.9	179	6.3
15750	-19.1	73.9	179	1.0
15760	-14.4	73.9	179	-1.3
15770	-11.3	74.0	178	-4.5
15780	-10.7	74.0	178	-6.9
15790	-11.9	74.1	178	-9.5
15800	-14.2	74.3	178	-12.5
15810	-16.1	74.4	178	-15.9
15820	-17.5	74.6	178	-20.2
15830	-19.1	74.9	178	-29.5
15840	-21.4	75.2	177	-31.9
15850	-23.7	75.6	177	-34.0
15860	-25.2	76.0	176	-48.7
15870	-25.2	76.5	176	-56.4
15880	-24.0	77.1	175	-64.1
15890	-22.1	77.7	175	-71.3
15900	-19.5	78.4	174	-77.4
15910	-17.2	79.1	173	-83.0
15920	-16.1	79.9	173	-88.3
15930	-16.5	80.8	172	-84.3
15940	-17.6	81.6	171	-89.1
15950	-18.6	82.6	170	-94.2
15960	-19.3	83.5	169	-99.0
15970	-18.6	84.6	168	-104.3
15980	-16.7	85.7	167	-109.4
15990	-15.1	86.8	166	-113.6
16000	-13.3	88.0	164	-117.9
16010	-12.3	89.2	163	-120.8
16020	-12.2	90.4	162	-124.0
16030	-12.2	91.7	161	-126.9
16040	-12.6	92.9	160	-129.9
16050	-13.4	94.3	158	-133.3
16060	-14.4	95.6	157	-136.5
16070	-14.8	97.0	155	-140.0
16080	-13.2	98.4	154	-143.7
16090	-11.0	99.9	153	-146.9
16100	-8.4	101.4	151	-149.6
16110	-7.3	102.9	150	-151.2
16120	-7.5	104.4	148	-152.8
16130	-9.5	106.0	146	-154.1
16140	-11.7	107.5	145	-156.2

16150	-12.3	109.1	143	-158.9
16160	-11.3	110.7	142	-161.8
16170	-9.8	112.4	140	-164.5
16180	-8.8	114.0	138	-166.3
16190	-8.5	115.7	137	-168.2
16200	-8.3	117.4	135	-170.1
16210	-7.7	119.1	133	-171.4
16220	-7.2	120.8	132	-173.0
16230	-7.7	122.6	130	-174.1
16240	-10.2	124.3	128	-174.1
16250	-13.4	126.1	126	-174.6
16260	-15.5	127.8	125	-174.9
16270	-15.9	129.5	123	-174.9
16280	-15.1	131.3	121	-174.9
16290	-14.0	133.0	119	-174.6
16300	-12.7	134.8	118	-174.3
16310	-11.5	136.5	116	-174.6
16320	-10.8	138.3	114	-174.3
16330	-11.3	140.0	112	-174.3
16340	-12.5	141.8	111	-174.6
16350	-14.9	143.5	109	-174.9
16360	-16.5	145.3	107	-174.6
16370	-15.9	147.0	105	-175.1
16380	-14.8	148.8	104	-174.6
16390	-14.0	150.5	102	-174.9
16400	-13.2	152.3	100	-174.9
16410	-12.5	154.0	98	-174.9
16420	-11.9	155.7	97	-174.6
16430	-11.5	157.5	95	-174.6
16440	-12.3	159.2	93	-174.1
16450	-13.7	161.0	91	-174.6
16460	-14.4	162.7	90	-174.9
16470	-14.0	164.5	88	-174.6
16480	-12.9	166.2	86	-174.6
16490	-11.5	168.0	84	-174.3
16500	-11.0	169.7	83	-174.1
16510	-10.8	171.5	81	-174.6
16520	-11.3	173.2	79	-174.3
16530	-11.7	174.9	78	-174.1
16540	-12.2	176.7	76	-174.6
16550	-12.5	178.4	74	-174.6
16560	-12.5	180.2	72	-174.3
16570	-11.9	181.9	71	-174.6
16580	-11.4	183.7	69	-174.3
16590	-11.1	185.4	67	-174.3
16600	-9.9	187.2	65	-174.3
16610	-8.7	188.9	64	-174.1
16620	-7.6	190.6	62	-173.8
16630	-7.7	192.4	60	-174.1
16640	-8.4	194.1	58	-173.8
16650	-9.6	195.9	57	-174.1
16660	-10.0	197.6	55	-174.3
16670	-9.1	199.3	53	-174.1
16680	-7.3	201.1	51	-174.1

16690	-6.0	202.8	50	-174.1
16700	-5.3	204.6	48	-173.5
16710	-4.7	206.3	46	-173.8
16720	-4.1	208.0	44	-173.8
16730	-3.4	209.8	43	-173.5
16740	-2.6	211.5	41	-173.5
16750	-2.4	213.3	39	-173.5
16760	-2.4	215.0	37	-173.3
16770	-2.0	216.7	36	-173.3
16780	-2.0	218.5	34	-173.3
16790	-1.9	220.2	32	-172.7
16800	-1.6	221.9	31	-172.7
16810	-1.6	223.6	29	-172.5
16820	-1.5	225.4	27	-171.9
16830	1.9	227.1	25	-171.4
16840	9.5	228.8	24	-169.0
16850	12.1	230.4	22	-165.0
16860	7.9	232.0	20	-161.0
16870	1.9	233.6	19	-158.4
16880	0.0	235.2	17	-157.3
16890	1.8	236.8	16	-156.2
16900	5.6	238.3	14	-154.6
16910	9.9	239.9	13	-152.0
16920	11.4	241.4	11	-148.0
16930	11.1	242.8	10	-144.2
16940	9.2	244.2	8	-140.0
16950	8.0	245.6	7	-137.1
16960	8.3	246.9	6	-133.6
16970	10.6	248.3	4	-130.7
16980	12.6	249.5	3	-126.4
16990	14.1	250.8	2	-122.1
17000	15.5	251.9	1	-117.1
17010	16.4	253.1	-1	-112.0
17020	17.0	254.2	-2	-106.2
17030	16.3	255.2	-3	-100.3
17040	15.1	256.1	-4	-95.3
17050	13.4	257.1	-5	-90.5
17060	12.3	257.9	-5	-86.2
17070	11.9	258.8	-6	-82.2
17080	11.7	259.6	-7	-78.2
17090	11.4	260.3	-8	-74.5
17100	11.1	261.0	-9	-70.8
17110	10.6	261.7	-9	-67.0
17120	10.4	262.4	-10	-63.3
17130	11.8	263.0	-11	-59.9
17140	12.9	263.5	-11	-56.1
17150	13.3	264.1	-12	-51.9
17160	12.6	264.5	-12	-47.3
17170	11.8	265.0	-13	-43.6
17180	11.3	265.4	-13	-39.9
17190	10.3	265.7	-13	-31.1
17200	8.3	266.1	-14	-26.6
17210	8.9	266.3	-14	-24.4
17220	11.4	266.6	-14	-21.8

17230	13.8	266.8	-14	-18.3
17240	15.5	267.0	-15	-14.3
17250	15.7	267.1	-15	-10.3
17260	14.8	267.2	-15	-6.1
17270	13.7	267.2	-15	-2.6
17280	14.0	267.2	-15	0.5
17290	17.0	267.2	-15	1.3
17300	18.3	267.2	-15	7.4
17310	17.2	267.1	-15	11.1
17320	14.6	266.9	-14	17.3
17330	12.6	266.7	-14	19.9
17340	12.6	266.5	-14	21.2
17350	14.5	266.2	-14	30.0
17360	16.5	265.9	-13	34.3
17370	17.8	265.6	-13	32.2
17380	17.4	265.2	-13	40.7
17390	15.9	264.7	-12	45.5
17400	14.6	264.3	-12	50.3
17410	14.6	263.7	-11	54.3
17420	15.5	263.1	-11	58.3
17430	16.8	262.5	-10	62.5
17440	17.2	261.9	-9	67.3
17450	17.1	261.2	-9	72.1
17460	16.5	260.4	-8	76.9
17470	15.7	259.6	-7	81.4
17480	15.6	258.8	-6	85.7
17490	15.5	257.9	-5	89.9
17500	15.9	256.9	-4	93.9
17510	16.8	256.0	-4	98.5
17520	17.6	254.9	-2	103.2
17530	18.0	253.9	-1	107.8
17540	17.4	252.8	0	112.8
17550	15.9	251.6	1	117.4
17560	14.6	250.4	2	121.3
17570	13.8	249.1	3	125.1
17580	13.7	247.9	5	128.5
17590	13.8	246.6	6	132.3
17600	14.4	245.2	7	135.7
17610	14.2	243.8	9	139.5
17620	13.7	242.4	10	142.6
17630	13.4	240.9	12	146.4
17640	13.0	239.5	13	149.6
17650	12.3	237.9	15	152.5
17660	12.2	236.4	16	155.7
17670	12.2	234.8	18	158.4
17680	12.1	233.2	19	161.3
17690	11.8	231.6	21	163.9
17700	10.8	229.9	23	166.9
17710	9.5	228.2	24	169.0
17720	8.7	226.5	26	171.1
17730	8.9	224.8	28	172.7
17740	9.6	223.0	29	174.6
17750	9.5	221.3	31	177.0
17760	9.1	219.5	33	178.6

17770	9.6	217.7	35	178.9
17780	10.0	215.9	37	179.1
17790	10.6	214.1	38	179.1
17800	10.4	212.3	40	179.7
17810	9.6	210.5	42	179.4
17820	8.9	208.7	44	179.7
17830	8.5	206.9	46	179.7
17840	8.5	205.2	47	179.4
17850	8.3	203.4	49	179.4
17860	7.6	201.6	51	179.7
17870	6.5	199.8	53	179.4
17880	5.2	198.0	54	179.4
17890	4.6	196.2	56	179.1
17900	3.8	194.4	58	179.4
17910	2.6	192.6	60	179.1
17920	2.3	190.8	62	179.7
17930	2.7	189.0	63	179.4
17940	4.6	187.2	65	179.1
17950	6.0	185.4	67	179.7
17960	6.2	183.6	69	179.7
17970	5.0	181.8	71	179.7
17980	2.4	180.0	72	179.7
17990	1.9	178.2	74	179.4
18000	2.0	176.4	76	179.1
18010	2.3	174.6	78	178.9
18020	2.8	172.9	80	178.9
18030	3.8	171.1	81	178.6
18040	5.0	169.3	83	179.4
18050	5.2	167.5	85	179.7
18060	4.3	165.7	87	179.7
18070	3.3	163.9	89	179.7
18080	2.6	162.1	90	179.4
18090	2.6	160.3	92	179.7
18100	2.4	158.5	94	179.4
18110	2.7	156.7	96	179.1
18120	3.5	154.9	98	179.4
18130	4.1	153.1	99	179.7
18140	4.7	151.3	101	179.9
18150	4.7	149.5	103	179.7
18160	4.5	147.7	105	179.7
18170	4.1	145.9	107	179.7
18180	3.4	144.1	108	179.7
18190	3.0	142.3	110	179.4
18200	2.7	140.5	112	179.7
18210	2.4	138.7	114	179.4
18220	2.3	136.9	116	179.7
18230	2.3	135.1	117	179.4
18240	2.3	133.4	119	179.1
18250	2.0	131.6	121	179.1
18260	2.0	129.8	123	178.9
18270	1.9	128.0	124	178.3
18280	1.8	126.2	126	178.3
18290	1.9	124.4	128	178.1
18300	1.8	122.6	130	177.5

18310	1.8	120.9	132	175.1
18320	1.8	119.1	133	174.6
18330	1.8	117.4	135	174.3
18340	1.2	115.7	137	174.1
18350	-0.5	113.9	139	173.5
18360	-3.3	112.2	140	171.9
18370	-3.8	110.5	142	170.3
18380	-2.2	108.8	144	168.5
18390	0.4	107.1	145	167.1
18400	0.9	105.4	147	166.9
18410	-0.4	103.8	149	166.1
18420	-2.7	102.1	150	165.0
18430	-3.7	100.5	152	163.1
18440	-2.7	98.9	154	161.5
18450	-1.1	97.3	155	160.0
18460	-0.7	95.7	157	158.9
18470	-2.0	94.1	158	157.8
18480	-4.2	92.5	160	156.2
18490	-4.9	91.0	161	154.1
18500	-4.2	89.5	163	152.0
18510	-2.4	88.0	164	150.1
18520	-1.2	86.5	166	149.0
18530	-1.5	85.0	167	148.0
18540	-2.8	83.5	169	146.6
18550	-3.9	82.1	170	144.8
18560	-4.2	80.6	172	142.9
18570	-2.4	79.3	173	122.7
18580	2.6	78.1	174	112.0
18590	17.2	77.2	175	80.9
18600	34.0	76.4	176	73.2
18610	37.6	75.8	177	53.2
18620	26.6	75.2	177	47.3
18630	10.6	74.9	178	37.0
18640	-0.7	74.5	178	30.8
18650	-1.1	74.3	178	22.3
18660	-9.2	74.1	178	19.1
18670	-15.3	74.0	178	12.5
18680	-15.7	73.9	179	7.1
18690	-13.8	73.9	179	3.7
18700	-10.7	73.8	179	-0.5
18710	-9.6	73.9	179	-0.5
18720	-9.6	73.9	179	-4.5
18730	-10.2	73.9	179	-6.3
18740	-11.8	74.0	178	-9.5
18750	-14.2	74.1	178	-13.5
18760	-16.0	74.3	178	-16.2
18770	-18.8	74.5	178	-20.2
18780	-22.8	74.7	178	-23.1
18790	-27.4	75.0	177	-35.1
18800	-29.8	75.4	177	-42.5
18810	-28.9	75.9	177	-52.1
18820	-25.0	76.4	176	-60.9
18830	-20.2	77.0	175	-68.4
18840	-17.9	77.7	175	-74.5

18850	-18.4	78.4	174	-79.6
18860	-20.6	79.1	173	-85.1
18870	-22.1	80.0	172	-91.3
18880	-21.7	80.8	172	-88.9
18890	-20.1	81.8	171	-94.7
18900	-18.6	82.8	170	-100.6
18910	-17.8	83.8	169	-105.4
18920	-17.9	84.9	168	-110.4
18930	-17.5	86.0	166	-115.0
18940	-16.4	87.2	165	-119.5
18950	-14.5	88.4	164	-124.0
18960	-13.6	89.7	163	-127.2
18970	-13.6	91.0	161	-130.9
18980	-15.1	92.3	160	-134.4
18990	-17.1	93.7	159	-138.7
19000	-18.2	95.1	157	-142.4
19010	-17.5	96.6	156	-147.4
19020	-15.1	98.1	154	-151.7
19030	-12.2	99.7	153	-155.2
19040	-9.5	101.2	151	-158.1
19050	-8.9	102.8	150	-160.2
19060	-10.0	104.4	148	-162.1
19070	-12.1	106.1	146	-164.2
19080	-13.7	107.7	145	-167.1
19090	-13.4	109.4	143	-170.3
19100	-11.7	111.2	141	-173.0
19110	-10.8	112.9	140	-174.3
19120	-11.7	114.7	138	-174.3
19130	-12.7	116.4	136	-174.3
19140	-12.3	118.1	134	-174.3
19150	-10.2	119.9	133	-174.3
19160	-8.1	121.6	131	-174.1
19170	-8.0	123.4	129	-174.3
19180	-9.4	125.1	127	-174.3
19190	-11.3	126.9	126	-174.1
19200	-12.3	128.6	124	-174.6
19210	-12.1	130.3	122	-174.3
19220	-11.5	132.1	120	-174.3
19230	-11.1	133.8	119	-174.3
19240	-9.6	135.6	117	-174.1
19250	-8.3	137.3	115	-173.8
19260	-7.7	139.1	113	-174.1
19270	-8.4	140.8	112	-173.8
19280	-9.9	142.5	110	-174.1
19290	-11.8	144.3	108	-174.6
19300	-12.1	146.0	106	-174.3
19310	-11.0	147.8	105	-174.3
19320	-10.3	149.5	103	-174.3
19330	-10.6	151.3	101	-174.1
19340	-10.3	153.0	99	-174.1
19350	-10.0	154.7	98	-174.3
19360	-9.6	156.5	96	-174.3
19370	-9.5	158.2	94	-174.3
19380	-10.6	160.0	92	-174.3

19390	-12.6	161.7	91	-174.1
19400	-13.4	163.5	89	-174.9
19410	-13.2	165.2	87	-174.9
19420	-12.6	167.0	85	-174.3
19430	-12.1	168.7	84	-174.3
19440	-11.9	170.4	82	-174.6
19450	-11.3	172.2	80	-174.3
19460	-10.8	173.9	79	-174.3
19470	-11.0	175.7	77	-174.3
19480	-10.8	177.4	75	-174.1
19490	-10.2	179.2	73	-174.6
19500	-9.4	180.9	72	-174.3
19510	-8.7	182.7	70	-174.1
19520	-8.7	184.4	68	-174.1
19530	-9.6	186.1	66	-174.1
19540	-10.6	187.9	65	-174.1
19550	-10.4	189.6	63	-174.3
19560	-9.9	191.4	61	-174.1
19570	-8.8	193.1	59	-174.1
19580	-7.9	194.8	58	-174.3
19590	-7.6	196.6	56	-173.8
19600	-7.5	198.3	54	-174.1
19610	-7.1	200.1	52	-174.1
19620	-6.8	201.8	51	-173.8
19630	-7.3	203.6	49	-173.8
19640	-7.9	205.3	47	-174.1
19650	-7.3	207.0	45	-174.1
19660	-6.4	208.8	44	-173.8
19670	-5.0	210.5	42	-173.8
19680	-3.9	212.3	40	-173.8
19690	-3.9	214.0	38	-173.8
19700	-4.5	215.7	37	-174.1
19710	-4.5	217.5	35	-173.5
19720	-3.4	219.2	33	-173.8
19730	-2.2	220.9	32	-173.5
19740	-1.9	222.7	30	-173.3
19750	-1.8	224.4	28	-173.3
19760	-1.8	226.1	26	-172.5
19770	-1.6	227.9	25	-172.5
19780	-1.5	229.6	23	-172.5
19790	0.8	231.3	21	-171.4
19800	5.4	233.0	19	-169.8
19810	7.9	234.7	18	-167.1
19820	7.2	236.3	16	-163.9
19830	4.7	238.0	14	-161.3
19840	3.4	239.6	13	-159.2
19850	4.1	241.1	11	-157.3
19860	6.0	242.7	10	-155.4
19870	8.3	244.2	8	-152.2
19880	8.8	245.7	7	-149.0
19890	8.1	247.2	5	-145.6
19900	6.6	248.6	4	-142.6
19910	6.6	250.0	2	-140.0
19920	8.0	251.4	1	-137.3

19930	10.6	252.8	0	-133.9
19940	13.3	254.1	-2	-129.6
19950	14.2	255.3	-3	-124.8
19960	13.8	256.5	-4	-120.3
19970	12.9	257.7	-5	-115.5
19980	12.2	258.8	-6	-111.5
19990	11.7	259.9	-7	-107.0
20000	11.9	261.0	-9	-103.2
20010	11.5	262.0	-10	-99.0
20020	11.0	262.9	-10	-95.3
20030	11.0	263.9	-11	-91.8
20040	10.8	264.7	-12	-87.5
20050	11.3	265.6	-13	-75.6
20060	9.4	266.3	-14	-66.5
20070	4.3	267.0	-15	-71.8
20080	1.6	267.6	-15	-58.5
20090	1.8	268.1	-16	-46.5
20100	4.6	268.6	-16	-50.0
20110	8.4	269.0	-17	-39.9
20120	12.1	269.4	-17	-30.8
20130	14.4	269.7	-17	-32.7
20140	15.1	270.0	-18	-27.6
20150	14.8	270.2	-18	-21.0
20160	14.6	270.4	-18	-14.9
20170	14.9	270.5	-18	-13.8
20180	15.9	270.6	-18	-8.2
20190	17.0	270.6	-18	-2.9
20200	18.2	270.6	-18	0.7
20210	20.5	270.6	-18	2.6
20220	20.7	270.5	-18	7.7
20230	19.1	270.4	-18	12.7
20240	18.0	270.2	-18	22.0
20250	18.7	270.0	-18	27.4
20260	20.2	269.7	-17	33.0
20270	21.3	269.4	-17	39.1
20280	21.0	269.0	-17	45.5
20290	19.8	268.5	-16	46.8
20300	18.4	268.0	-16	47.1
20310	18.2	267.5	-15	51.3
20320	18.6	266.8	-14	55.9
20330	20.2	266.2	-14	60.6
20340	21.4	265.4	-13	72.9
20350	21.2	264.7	-12	78.8
20360	19.4	263.8	-11	84.9
20370	17.6	262.9	-10	89.9
20380	17.2	262.0	-10	94.7
20390	17.9	261.0	-9	99.8
20400	18.6	260.0	-8	104.3
20410	18.3	258.9	-6	109.4
20420	17.5	257.8	-5	114.2
20430	16.7	256.6	-4	119.0
20440	16.4	255.4	-3	123.5
20450	16.5	254.1	-2	127.5
20460	16.1	252.8	0	132.0

20470	16.1	251.4	1	136.3
20480	16.1	250.0	2	140.2
20490	15.5	248.6	4	144.2
20500	14.9	247.1	5	148.2
20510	15.2	245.6	7	152.0
20520	15.5	244.1	8	156.0
20530	15.2	242.5	10	159.4
20540	14.6	240.9	12	163.4
20550	13.2	239.2	13	166.6
20560	11.4	237.5	15	169.8
20570	10.3	235.8	17	172.5
20580	9.6	234.1	18	174.6
20590	10.3	232.3	20	176.7
20600	10.8	230.5	22	178.9
20610	11.5	228.7	24	179.1
20620	12.2	226.9	26	179.4
20630	12.5	225.1	27	179.4
20640	12.1	223.3	29	179.4
20650	10.4	221.6	31	179.4
20660	8.7	219.8	33	179.4
20670	7.7	218.0	34	179.4
20680	6.6	216.2	36	179.4
20690	6.8	214.4	38	179.1
20700	7.1	212.6	40	179.4
20710	6.4	210.8	42	179.4
20720	5.8	209.0	43	179.9
20730	5.4	207.2	45	179.7
20740	5.7	205.4	47	179.7
20750	6.0	203.6	49	179.4
20760	5.8	201.8	51	179.7
20770	5.2	200.0	52	179.7
20780	3.9	198.2	54	179.4
20790	3.1	196.4	56	179.4
20800	3.1	194.6	58	179.4
20810	2.8	192.8	60	179.7
20820	2.7	191.0	61	179.4
20830	2.6	189.2	63	179.4
20840	2.7	187.4	65	179.7
20850	2.4	185.6	67	179.4
20860	2.2	183.9	69	179.4
20870	1.9	182.1	70	179.4
20880	1.8	180.3	72	178.9
20890	1.8	178.5	74	178.3
20900	1.8	176.7	76	178.3
20910	1.8	174.9	78	178.1
20920	1.8	173.1	79	176.5
20930	1.9	171.4	81	175.1
20940	1.9	169.6	83	175.1
20950	1.9	167.9	85	174.6
20960	1.9	166.2	86	174.3
20970	1.9	164.4	88	173.8
20980	2.0	162.7	90	173.5
20990	2.0	160.9	92	173.5
21000	1.9	159.2	93	173.3

21010	2.0	157.5	95	173.3
21020	2.0	155.7	97	173.0
21030	2.0	154.0	98	172.7
21040	2.2	152.3	100	172.5
21050	2.6	150.6	102	172.2
21060	3.5	148.8	104	172.2
21070	5.0	147.1	105	172.5
21080	4.7	145.4	107	173.3
21090	3.3	143.6	109	173.8
21100	2.3	141.9	111	173.8
21110	1.9	140.2	112	173.5
21120	1.9	138.4	114	173.3
21130	2.0	136.7	116	173.3
21140	2.2	135.0	117	173.3
21150	2.3	133.2	119	172.7
21160	2.3	131.5	121	172.7
21170	2.4	129.8	123	172.7
21180	2.4	128.1	124	172.5
21190	2.2	126.3	126	172.2
21200	2.2	124.6	128	172.2
21210	1.9	122.9	130	171.9
21220	1.9	121.2	131	171.7
21230	1.9	119.5	133	171.1
21240	1.8	117.7	135	171.1
21250	1.8	116.0	136	170.9
21260	1.8	114.3	138	170.6
21270	1.8	112.6	140	170.3
21280	1.8	110.9	142	170.1
21290	1.6	109.2	143	169.8
21300	1.1	107.5	145	169.3
21310	-1.1	105.8	147	168.7
21320	-3.7	104.2	148	167.1
21330	-3.8	102.5	150	165.0
21340	-1.5	100.9	152	163.1
21350	0.9	99.2	153	162.3
21360	1.5	97.6	155	161.8
21370	0.0	96.0	156	161.5
21380	-2.6	94.4	158	160.7
21390	-4.7	92.8	160	158.9
21400	-4.5	91.2	161	156.8
21410	-2.7	89.7	163	154.9
21420	-1.4	88.1	164	153.3
21430	-2.2	86.6	166	152.0
21440	-4.6	85.1	167	150.4
21450	-7.6	83.6	169	148.0
21460	-8.4	82.2	170	145.0
21470	-8.8	80.7	172	141.6
21480	-6.2	79.3	173	148.8
21490	2.3	78.2	174	112.6
21500	4.7	77.3	175	81.7
21510	17.8	76.5	176	74.2
21520	25.2	75.9	177	54.0
21530	18.4	75.3	177	48.4
21540	4.3	74.9	178	38.0

21550	-1.1	74.6	178	32.7
21560	-8.9	74.4	178	23.4
21570	-17.2	74.2	178	17.5
21580	-19.8	74.0	178	10.6
21590	-19.9	74.0	178	6.3
21600	-16.5	73.9	179	0.2
21610	-13.0	74.0	178	-0.7
21620	-10.6	74.0	178	-4.5
21630	-9.9	74.1	178	-6.6
21640	-11.5	74.2	178	-9.0
21650	-14.6	74.3	178	-12.2
21660	-17.1	74.4	178	-17.3
21670	-18.8	74.6	178	-19.9
21680	-20.7	74.9	178	-24.4
21690	-23.6	75.2	177	-35.9
21700	-27.3	75.6	177	-39.1
21710	-29.4	76.0	176	-42.0
21720	-28.9	76.6	176	-50.0
21730	-26.2	77.2	175	-56.4
21740	-22.6	77.9	175	-62.5
21750	-20.5	78.6	174	-67.8
21760	-19.8	79.4	173	-72.9
21770	-20.5	80.2	172	-77.7
21780	-21.8	81.2	171	-91.8
21790	-22.4	82.2	170	-97.9
21800	-22.1	83.2	169	-104.0
21810	-21.0	84.3	168	-109.9
21820	-19.7	85.4	167	-116.0
21830	-18.7	86.6	166	-120.8
21840	-17.8	87.8	165	-125.9
21850	-16.8	89.1	163	-130.4
21860	-15.9	90.5	162	-134.9
21870	-14.9	91.9	161	-138.7
21880	-14.6	93.3	159	-142.9
21890	-15.9	94.7	158	-146.1
21900	-17.4	96.2	156	-150.6
21910	-18.7	97.8	155	-154.9
21920	-17.4	99.4	153	-159.7
21930	-14.5	101.0	151	-164.2
21940	-11.8	102.7	150	-167.4
21950	-9.9	104.3	148	-170.1
21960	-10.6	106.1	146	-171.9
21970	-12.6	107.8	145	-174.1
21980	-15.2	109.5	143	-174.6
21990	-16.8	111.3	141	-174.9
22000	-18.2	113.0	139	-174.9
22010	-18.2	114.8	138	-174.9
22020	-17.0	116.5	136	-174.9
22030	-14.5	118.3	134	-174.9
22040	-11.9	120.0	132	-174.6
22050	-9.6	121.8	131	-174.1
22060	-8.9	123.5	129	-174.3
22070	-9.9	125.3	127	-174.3
22080	-11.3	127.0	125	-174.3

22090	-12.3	128.8	124	-174.6
22100	-12.6	130.5	122	-174.3
22110	-13.3	132.2	120	-174.6
22120	-13.7	134.0	118	-174.9
22130	-12.5	135.7	117	-174.6
22140	-10.4	137.5	115	-174.3
22150	-8.4	139.2	113	-174.3
22160	-7.9	141.0	111	-174.1
22170	-9.1	142.7	110	-174.1
22180	-11.1	144.5	108	-174.3
22190	-12.7	146.2	106	-174.6
22200	-13.2	147.9	105	-174.6
22210	-13.4	149.7	103	-174.6
22220	-13.7	151.4	101	-174.3
22230	-13.3	153.2	99	-174.3
22240	-11.9	154.9	98	-174.6
22250	-10.2	156.7	96	-174.3
22260	-8.9	158.4	94	-174.1
22270	-9.9	160.2	92	-174.3
22280	-12.5	161.9	91	-174.3
22290	-13.7	163.7	89	-174.6
22300	-14.0	165.4	87	-174.9
22310	-13.7	167.1	85	-174.6
22320	-12.7	168.9	84	-174.3
22330	-11.9	170.6	82	-174.6
22340	-11.0	172.4	80	-174.1
22350	-10.2	174.1	78	-174.3
22360	-9.9	175.9	77	-174.3
22370	-10.7	177.6	75	-174.3
22380	-11.7	179.4	73	-174.6
22390	-12.2	181.1	71	-174.6
22400	-11.9	182.8	70	-174.3
22410	-11.5	184.6	68	-174.3
22420	-10.7	186.3	66	-174.3
22430	-9.6	188.1	64	-174.1
22440	-8.1	189.8	63	-174.3
22450	-6.6	191.6	61	-174.1
22460	-6.4	193.3	59	-174.1
22470	-7.1	195.0	57	-174.1
22480	-8.8	196.8	56	-174.1
22490	-10.2	198.5	54	-174.1
22500	-10.3	200.3	52	-174.3
22510	-9.6	202.0	50	-174.3
22520	-8.9	203.8	49	-174.3
22530	-8.0	205.5	47	-174.1
22540	-7.1	207.2	45	-174.1
22550	-6.4	209.0	43	-174.1
22560	-6.0	210.7	42	-174.1
22570	-6.0	212.5	40	-173.8
22580	-6.6	214.2	38	-174.1
22590	-7.2	215.9	37	-174.3
22600	-6.4	217.7	35	-174.1
22610	-5.0	219.4	33	-173.8
22620	-3.8	221.2	31	-173.8

22630	-3.4	222.9	30	-173.5
22640	-3.4	224.6	28	-173.8
22650	-3.1	226.4	26	-173.5
22660	-2.7	228.1	24	-173.5
22670	-2.2	229.8	23	-173.5
22680	-1.9	231.6	21	-173.3
22690	-1.9	233.3	19	-173.0
22700	-1.8	235.0	17	-172.7
22710	-1.8	236.8	16	-172.5
22720	-1.8	238.5	14	-172.2
22730	-1.8	240.2	12	-172.2
22740	-1.1	241.9	11	-171.4
22750	2.3	243.6	9	-170.6
22760	5.6	245.3	7	-169.0
22770	5.6	247.0	5	-166.3
22780	3.5	248.6	4	-164.2
22790	1.1	250.3	2	-162.6
22800	0.7	251.9	1	-161.3
22810	3.0	253.5	-1	-160.5
22820	5.4	255.1	-3	-158.4
22830	7.1	256.7	-4	-155.7
22840	7.3	258.2	-6	-152.8
22850	6.4	259.7	-7	-150.1
22860	5.8	261.2	-9	-147.7
22870	6.0	262.6	-10	-144.8
22880	7.5	264.1	-12	-142.6
22890	8.8	265.5	-13	-139.2
22900	5.7	266.7	-14	-126.4
22910	-2.4	267.8	-15	-91.5
22920	-7.3	268.7	-16	-83.5
22930	-23.7	269.4	-17	-61.4
22940	-29.6	270.0	-18	-56.4
22950	-21.8	270.5	-18	-40.4
22960	-5.6	270.9	-18	-38.0
22970	0.5	271.1	-19	-30.0
22980	1.9	271.4	-19	-22.3
22990	15.1	271.6	-19	-15.1
23000	22.1	271.7	-19	-9.3
23010	18.7	271.7	-19	-4.5
23020	11.3	271.7	-19	0.5
23030	8.4	271.7	-19	0.5
23040	10.3	271.7	-19	3.7
23050	13.8	271.7	-19	5.5
23060	18.2	271.6	-19	8.7
23070	19.8	271.4	-19	13.3
23080	18.3	271.3	-19	18.1
23090	15.3	271.0	-19	27.4
23100	14.0	270.7	-18	31.9
23110	15.2	270.4	-18	32.7
23120	18.6	270.1	-18	33.2
23130	22.1	269.7	-17	38.0
23140	23.5	269.2	-17	43.3
23150	22.8	268.7	-16	49.2
23160	21.3	268.1	-16	54.5

23170	20.1	267.4	-15	60.4
23180	19.7	266.7	-14	64.4
23190	20.3	266.0	-14	69.2
23200	21.3	265.1	-13	82.5
23210	21.4	264.2	-12	88.3
23220	20.2	263.3	-11	94.5
23230	18.2	262.3	-10	99.5
23240	17.4	261.3	-9	104.6
23250	17.2	260.2	-8	109.4
23260	18.0	259.1	-7	113.9
23270	18.6	257.9	-5	119.0
23280	18.3	256.7	-4	123.7
23290	17.9	255.4	-3	128.8
23300	17.0	254.1	-2	133.3
23310	15.5	252.7	0	137.6
23320	15.1	251.3	1	141.6
23330	14.9	249.9	3	145.6
23340	14.8	248.4	4	149.0
23350	13.8	246.9	6	152.8
23360	13.3	245.3	7	156.2
23370	12.9	243.7	9	159.4
23380	13.0	242.1	10	162.1
23390	13.4	240.5	12	165.3
23400	13.0	238.8	14	168.5
23410	12.2	237.1	15	171.4
23420	10.8	235.3	17	174.1
23430	9.5	233.6	19	176.5
23440	8.8	231.8	21	178.3
23450	9.5	230.0	22	178.9
23460	10.7	228.2	24	179.1
23470	11.7	226.4	26	179.4
23480	12.5	224.6	28	179.7
23490	12.6	222.8	30	179.4
23500	11.5	221.0	31	179.4
23510	10.4	219.3	33	179.7
23520	9.1	217.5	35	179.4
23530	8.0	215.7	37	179.4
23540	8.5	213.9	39	179.4
23550	9.1	212.1	40	179.4
23560	8.9	210.3	42	179.4
23570	8.8	208.5	44	179.7
23580	8.4	206.7	46	179.4
23590	8.1	204.9	48	179.7
23600	7.7	203.1	49	179.7
23610	5.0	201.3	51	179.4
23620	2.3	199.5	53	179.4
23630	1.9	197.7	55	179.1
23640	2.6	195.9	57	178.9
23650	4.6	194.1	58	178.9
23660	7.9	192.3	60	179.7
23670	9.1	190.5	62	180.2
23680	7.7	188.7	64	179.9
23690	5.7	186.9	66	179.7
23700	4.1	185.1	67	179.7

23710	3.9	183.4	69	179.4
23720	4.3	181.6	71	179.7
23730	4.5	179.8	73	179.4
23740	5.3	178.0	74	179.4
23750	5.8	176.2	76	179.7
23760	5.7	174.4	78	179.7
23770	5.2	172.6	80	179.7
23780	4.1	170.8	82	179.7
23790	3.8	169.0	83	179.7
23800	4.1	167.2	85	179.4
23810	4.3	165.4	87	179.7
23820	4.7	163.6	89	179.7
23830	4.7	161.8	91	179.7
23840	5.2	160.0	92	179.7
23850	4.9	158.2	94	179.7
23860	4.1	156.4	96	179.9
23870	4.1	154.6	98	179.7
23880	4.2	152.8	100	179.7
23890	4.2	151.0	101	179.4
23900	3.7	149.2	103	179.9
23910	3.3	147.4	105	179.7
23920	3.1	145.6	107	179.7
23930	3.0	143.8	109	179.7
23940	3.5	142.0	110	179.7
23950	4.2	140.2	112	179.7
23960	4.1	138.4	114	179.7
23970	3.8	136.6	116	179.7
23980	3.4	134.8	118	179.9
23990	3.3	133.0	119	179.7
24000	3.0	131.2	121	179.7
24010	2.7	129.4	123	179.7
24020	2.3	127.6	125	179.4
24030	2.0	125.8	127	179.7
24040	1.9	124.0	128	179.4
24050	1.9	122.3	130	178.9
24060	1.9	120.5	132	178.6
24070	1.9	118.7	134	178.6
24080	1.9	116.9	136	178.1
24090	1.8	115.1	137	177.8
24100	1.9	113.3	139	177.0
24110	1.9	111.6	141	175.1
24120	1.8	109.8	143	174.9
24130	1.8	108.1	144	174.6
24140	1.8	106.4	146	174.1
24150	1.4	104.6	148	173.8
24160	-0.8	102.9	150	173.3
24170	-4.2	101.2	151	171.7
24180	-4.1	99.5	153	169.3
24190	-1.9	97.8	155	167.7
24200	0.3	96.1	156	166.9
24210	0.7	94.4	158	166.1
24220	-1.1	92.8	160	165.5
24230	-3.0	91.1	161	163.9
24240	-3.9	89.5	163	162.3